INTERIOR LIGHTING

Lighting the Future



labos

labos



At Labos, sustainability is not a trend — it is a principle.
We prioritize energy efficiency, longevity, and environmental respect in every lighting solution.

From production to project application, we take conscious steps to reduce carbon footprint and preserve resources.

Because light should not only illuminate,
but also protect the world we live in.

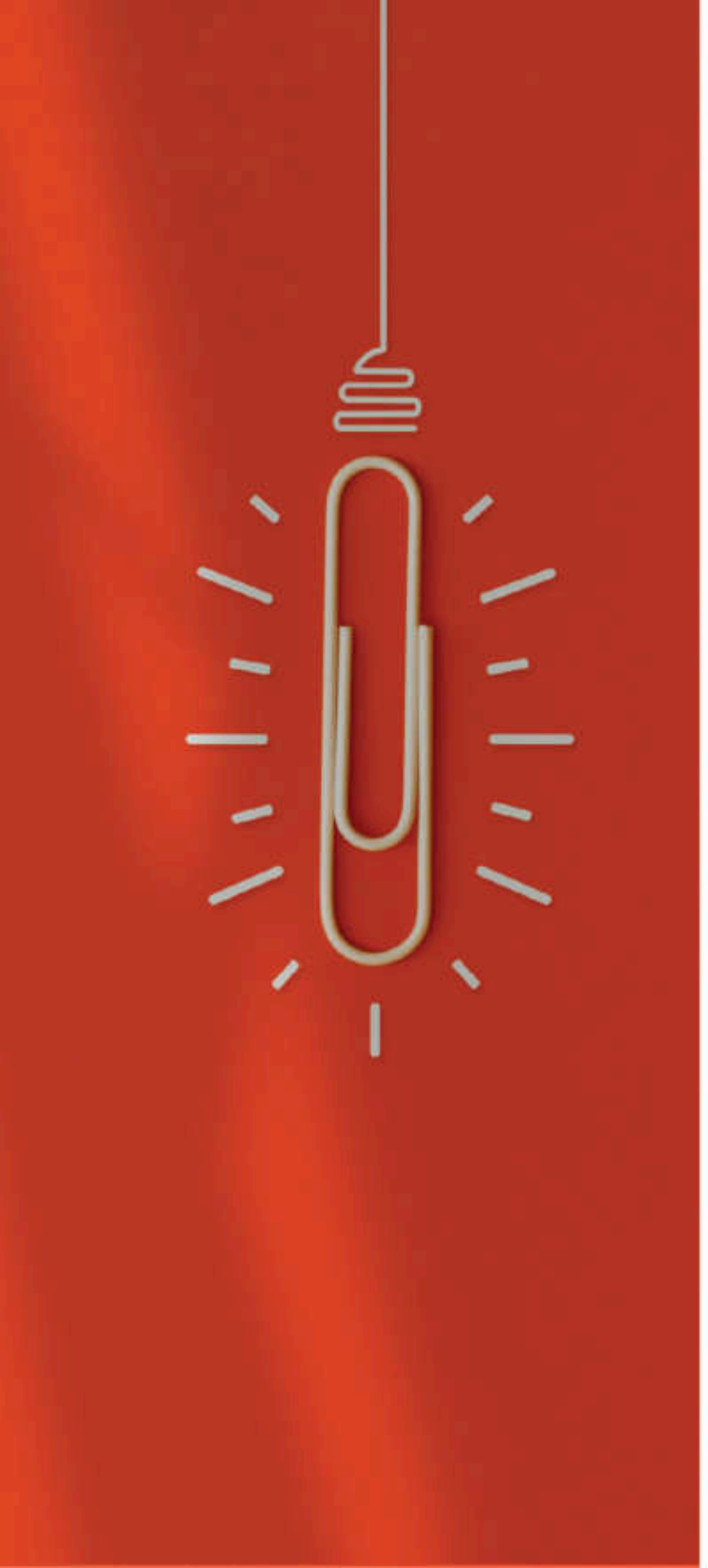
Eco-Conscious Manufacturing
Low-emission processes and recyclable materials

Energy-Smart Design
High-efficiency LEDs with optimized optics

Sustainable Partnerships
Collaborations with green-certified suppliers and projects

Smart Control Systems
Sensors and automation to reduce energy waste

www.labos.com.tr



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COB Tracklight and Tracks
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COB Led Recessed
COB Led Surface
COB Led Pendant
Power/SMD Led Downlight

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ABOUT LABOS

Crafting the Light That Shapes Spaces

For over a decade, Labos has stood at the intersection of architecture, innovation, and light. We are not just suppliers—we are collaborators in crafting luminous experiences that transform buildings into stories.

From iconic museums and high-rise hospitality to smart cities and cultural landmarks, we develop lighting strategies that go beyond illumination. Each solution is tailored, tested, and engineered to elevate both form and function.

What sets Labos apart is our precision-driven design philosophy, our passion for sustainability, and our strong global partnerships with top-tier lighting manufacturers.

We believe that light is not just a technical necessity—it's a design language. And Labos speaks it fluently.



EGYPT**MOROCCO**TUNISIA**LIBYA**AUSTRALIA**RUSSIA**MAURITIUS**REUNIONISLAND**AUSTRIA
GERMANYBELGIUM**HOLLAND**CZECHREPUBLICMACEDONIA**ALBANIA**IRELAND**CHILE**
PORTUGAL**SPAIN**SWITZERLAND**HUNGARY**NORWAY**ENGLAND**FRANCE**ROMANIA**BAHREYN
CROATIAQATAR**ISRAEL**UKRAINE**KAZAKHSTAN**AZERBAIJAN**GEORGIA**SAUDIARABIA**SLOVENIA**
KUWAIT**U.A.E.**JORDAN**OMAN**LEBANON**ITALY**

VISION &VALUES

Labos envisions lighting as an integral part of life — timeless, responsible, and seamlessly integrated with design.

Our core values include quality, sustainability, innovation, and a collaborative spirit.

Through every project, we translate these values into light, striving not only to illuminate the present, but to shape a brighter future.

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www.labos.com.tr



CRAFTING LIGHT WITH ENGINEERING &CREATIVITY

Labos combines technical expertise with creative vision to develop lighting solutions that are both functionally efficient and aesthetically refined.

Each product is the result of precise engineering and distinctive design thinking.

Light becomes one with architecture — reflecting identity, guiding perception, and enhancing spatial experience.

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ISTANBUL GRAND AIRPORT



TURKUVAZ MEDIA CENTER

IUFM ZIRAAT BANK HEADQUARTER



BALGAT OFFICES





ATATURK CULTURAL CENTER



NUR-SULTAN GRAND MOSQUE

IUFM TCMB



UFM HALK GYO





TURKIYE FINANS BANK HEADQUARTER



METROPOL ISTANBUL SHOPPING MALL



AKTAU
TOWN
CENTER

ISTANBUL
CONGRESS
CENTER

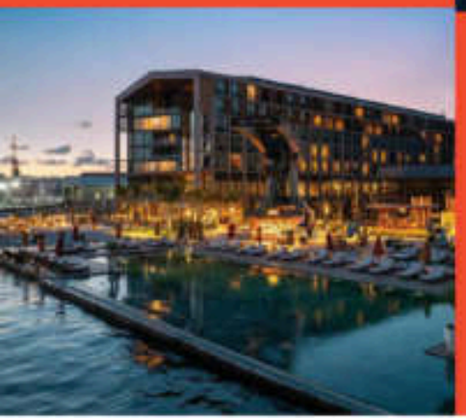




KHAN
SHARTY

ASTANA
TRAIN
STATION





TERSANE
ISTANBUL

GLOBAL REFERENCES

Projects bearing the Labos signature can be found in cultural landmarks, luxury hotels, commercial hubs, and public spaces around the globe.

Our references extending all around the world symbolize the reliability and creativity of our brand.

Each reference tells a unique story — one written in light.

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SUSTAINABILITY

Energy Efficiency & Eco-Friendly Production

Labos designs its lighting solutions with a deep commitment to energy efficiency, beyond just form and function.

Our entire production cycle is optimized to minimize carbon footprint.

Manufacturing lines are powered by renewable energy, and every technology used is carefully chosen based on its environmental impact.

Material Choices & Circular Practices

We select materials that are durable, sustainable, and recyclable.

At Labos, we prioritize reuse of raw materials and recycling of production waste as part of our environmental commitment.

This approach helps reduce resource consumption and minimizes ecological impact throughout the product life cycle.



Environmental Responsibility Statement

At Labos, we uphold our responsibility to nature throughout every stage — from design to production, from distribution to end-of-life. Every product reflects our commitment to a more sustainable future. We believe that light should illuminate not just spaces, but the planet itself.

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Track System



Nova
Track System



MonoVolt
Track System

COB LED SYSTEM TRACKLIGHT



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Cylite Maxi Short



Cylite Mini



Cylite Mini Short



Cylite Micro



Cylite Micro Short



Cylite Trex Maxi



Cylite Trex Midi



Cylite Trex Mini



Cylite Trex Micro



Cylite Zoom Maxi



Cylite Zoom Midi



Cylite 60 Invisible



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Glow Mini


Terra Maxi


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Terra Mini


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Bavero Mini



Konex



Yasmira Maxi



Yasmira Mini



Cosvex



Cosvex



Cosvex



Cosvex



Cosvex



Cosvex



Cosvex



Cosvex



Cosvex RGBW



Cosvex RGBW



Cosvex RGBW



Purelux



Purelux



Purelux



Vector Track

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Vector Track



Vector Track



Lumis



Lumis



Lumis Mini



Lumis Mini



Lumis Deco



Lumis Mini Deco



Opton

48V LOW VOLTAGE



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Cylite 60 Long Arm



Cylite 50 Short Arm



Cylite 50 Long Arm



Cylite 40 Short Arm



Cylite 40 Long Arm



Orient Short Arm



Orient Long Arm



Orient Short Arm



Orient Long Arm

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Edge Pendant 48V


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Edge Pendant 48V


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Nano 48V


Nano 48V


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Voltis Modular 48V


Voltis Modular 48V


Voltis Modular 48V

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Trackon 48 Surface Slim



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Trackon 48 Recessed Trimles

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Vectra Mini



Vectra Micro



Vectra Mega



Vectra Maxi



Vectra Midi



Vectra Mini



Vectra Micro



Lumin Micro



Lumin Micro



Lumin Micro



Lumin Mini

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Lumin Midi


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Dracon Mini

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Bosphor



Bosphor



Inaron



Inaron



Inaron



Mannore



Mannore



Mannore



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Mannore Mini



Mannore Mini



Mofx



Mofx



Mofx



Mofx Mini



Mofx Mini



Mofx Mini



Mofx Mini



Mofx LC

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Mofx LC


Mofx LC

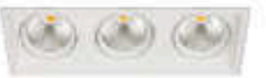

Photran


Photran


Photran


Photran Mini


Photran Mini


Photran Mini


Photran Mini


Meralux


Meralux


Meralux


Meralux Mini


Meralux Mini


Meralux Mini


Delterra Flux


Delterra


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Auris



Auris Midi



Auris Mini



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Artemon



Artemon 240



Artemon 210



Artemon 185



Trimora Mega



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Carmea Midi



Carmea Mini



Cylite Mega Recessed



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Minora



Minora



Profond



Profond



Profond



Profond Slim



Profond Slim



Deeplux



Deeplux



Indeo Maxi



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Indeo Trimless Midi



Indeo Trimless Mini



Mizora



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Mizora



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Luxora Focus



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Giznova



Giznova



Giznova Focus



Giznova Focus



Giznova Focus

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Vectra Surface Midi



Vectra Surface Mini



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Vectra Surface Maxi



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Cylite Surface Midi



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Opton Surface Mini



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Profond Surface

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Auris COB Surface



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Hydros Surface Maxi



Hydros Surface



Hydros Surface Midi

Hydros Surface Mini

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Auris Downlight


Auris Downlight Midi


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Auris Indirect


Auris Downlight Square


Auris Downlight Square


Hydros Downlight Mega


Hydros Downlight Maxi


Hydros Downlight


Hydros Downlight Midi

Hydros Downlight Mini


Lumetrix Downlight


Lumetrix Downlight Midi

Lumetrix Downlight Mini

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Karion Slim
Downlight Midi

Karion Slim
Downlight Mini



Vector



Vector



Vector



Vector



Vector



Vector Pico



Vector Pico



Vector Pico



Vector Pico



Vector Asya



Vector Asya



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Vector Maxi



Vector Maxi



Orbix Maxi



Orbix Mini



Auralis Maxi



Auralis Mini



Axis Pro



Lumetrix Midi



Lumetrix Mini



Luminous



Luminous



Luminous



Opton Led



TRIVOLT TRACK SYSTEM

Track liberates light and luminaires from the constraints of rigid mounting of ceiling base and allows architects to create different designs in inner spaces.

Different spotlights with different light character can be installed on track so that different light requirements can be used.

Standart Labos track is operated in 3-circuit installations.

There is both surface and recessed versions available.



NOVA TRACK SYSTEM

Light management system for tracklight applications becoming indispensable for light control and energy efficiency.

Labos offers both surface mounted and recessed NOVA track solutions.

MONOVOLT TRACK SYSTEM

- Aluminium extruded body.
- IP20 protection class.
- 1-phase circuit system.
- The track houses 2 leads for singlephase mode.
- Standart lenght of 1, 2 and 3 meteravailable.
- Optionally special lenghtcan be serviced until 3mt.
- Protection class : I
- Both surface monting and suspension alternatives available.



CYLITE
Tracklight

CYLITE spot is a magnificent design for tracklight applications. Driver and lamp house integrated into single cylindrical housing. Different diameter and lenght options available according to power ratings. Thanks to its extrude aluminium profile structure, lenght of arm can be adjusted optionally as per customer request.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with CYLITE spotlights. Different accesories can be integrated to front ring enables architects to use this spotlight range in various different applications.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of Trivolt-Cut, NOVA and 1-10V Dim options.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 145lm/W efficiency.
- High colour consistency: <3 SDCM



CYLITE MAXI



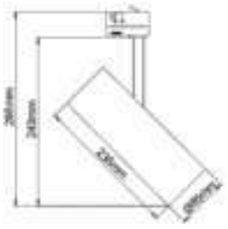
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04











Cylite Maxi

Power	CRI	Kelvin	Lümen T_c =50°
31W	CRI>80	2700K	3632
		3000K	3780
		3500K	3912
		4000K	4048
		5000K	4309
	CRI>90	2700K	3269
		3000K	3352
		3500K	3469
		4000K	3590
		5000K	X
	CRI>98	2700K	2761
		3000K	2861
		4000K	3061
	Meat /COB	1800K	2318
	Food / COB	2400K	2392
	FISH / COB	6600K	3157





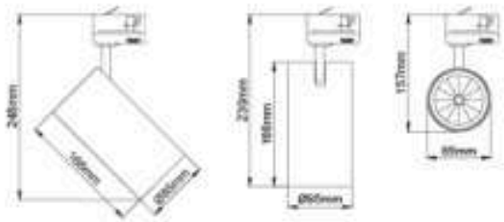


CYLITE MAXI SHORT



Product Color	Technical Drawing









Cylite Maxi Short			
Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563
	Meat / COB	1800K	2100
	Food / COB	3400K	2156
	FISH / COB	6600K	2856





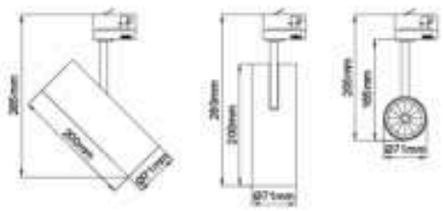


CYLITE MINI



Product Color	Technical Drawing







Cylite Mini			
Power	CRI	Kelvin	Lümen T_c=50°
24W	CRI>80	2700K	2962
		3000K	3145
		3500K	3022
		4000K	3082
		5000K	3283
	CRI>90	2700K	2754
		3000K	2815
		3500K	2873
		4000K	2937
		5000K	X
	CRI>98	2700K	2190
		3000K	2270
		4000K	2429
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







CYLITE MINI SHORT



Product Color	Technical Drawing

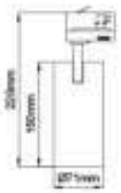
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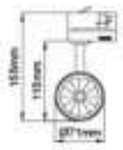

Black = 02


Gray = 03


Special Color = 04











Cylite Maxi Short

Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2597
		3000K	2677
		3500K	2730
		4000K	2786
		5000K	2840
	CRI>90	2700K	2415
		3000K	2490
		3500K	2540
		4000K	2590
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869
	Meat /COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X









CYLITE MICRO

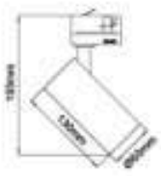
Product Color	Technical Drawing

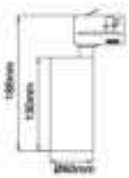
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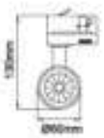

Black = 02


Gray = 03


Special Color = 04











Cylite Micro

Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>80	2700K	1517
		3000K	1563
		3500K	1594
		4000K	1627
		5000K	1659
	CRI>90	2700K	1411
		3000K	1454
		3500K	1482
		4000K	1513
		5000K	X
	CRI>98	2700K	1087
		3000K	1020
		4000K	1064
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X





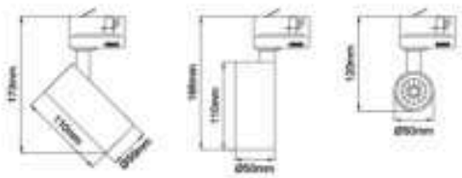




CYLITE MICRO SHORT

Product Color	Technical Drawing









Cylite Micro Short			
Power	**CRI**	**Kelvin**	**Lümen T_c =50°**
15W	CRI>80	2700K	995
		3000K	1027
		3500K	1048
		4000K	1067
		5000K	1100
	CRI>90	2700K	930
		3000K	960
		3500K	980
		4000K	998
		5000K	X
	CRI>98	2700K	677
		3000K	697
		4000K	725
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X









CYLITE TREX Tracklight

CYLITE TREX spot is a magnificent design for tracklight applications.

Different diameter and lenght options available according to power ratings.

Thanks to its extruded aluminium profile structure, lenght of arm can be adjusted optionally as per customer request.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with CYLITE TREX spotlights.

Different accesories can be integrated to front ring enables architects to use this spotlight range in various different applications.

Despite minimal dimensions, due to the reason driver inside adaptor on this range, flux can further boosted with integration of highest lumen/watt COB and Miro Silver reflector combination.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis wit mechanical aiming lock.
- Clear safety glass.
- NOVA, Tuneable White, Warm Dim and Wireless Dim options available.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter and Antiglare Screen.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 144lm/W efficiency.
- High colour consistency: <3 SDCM

CYLITE
TREX MAXI



Product Color	Technical Drawing







Cylite Trex Maxi			
Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2962
		3000K	3145
		3500K	3022
		4000K	3082
		5000K	3283
	CRI>90	2700K	2754
		3000K	2815
		3500K	2873
		4000K	2937
		5000K	X
	CRI>98	2700K	2190
		3000K	2270
		4000K	2429





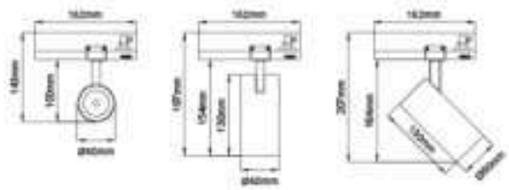


CYLITE
TREX MIDI



Product Color	Technical Drawing







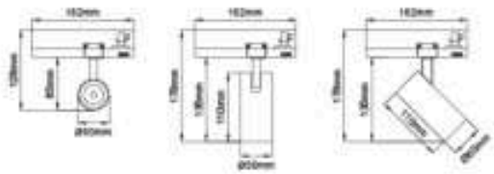
Cylite Trex Midi			
Power	**CRI**	**Kelvin**	**Lümen T_c =50°**
20W	CRI>80	2700K	2195
		3000K	2263
		3500K	2308
		4000K	2354
		5000K	2424
	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600

CYLITE
TREX MINI



Product Color	Technical Drawing









Cylite Trex Mini

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1630
		3000K	1680
		3500K	1714
		4000K	1750
		5000K	1800
	CRI>90	2700K	1515
		3000K	1562
		3500K	1595
		4000K	1628
		5000K	X
	CRI>98	2700K	1105
		3000K	1140
		4000K	1190









CYLITE
TREX MICRO

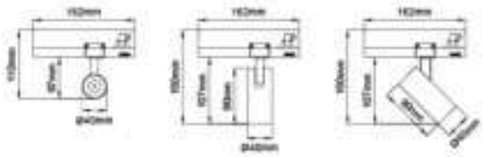
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04







Silindir Trex Micro

Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	1175
		3000K	1199
		3500K	1225
		4000K	1247
		5000K	1275
	CRI>90	2700K	1093
		3000K	1115
		3500K	1137
		4000K	1159
		5000K	X
	CRI>98	2700K	747
		3000K	769
		4000K	800









CYLITE ZOOM Tracklight

CYLITE ZOOM is a multifunctional spotlight that integrates both beam control, CCT control and brightness control on single compact housing.

Two different dimension option with different lumen package available on this range.

CCT options are 2700K, 3000K and 4000K that are most widely used options in retail.

Dimming possible from 0% to 100% and beam control from 15° to 50°.

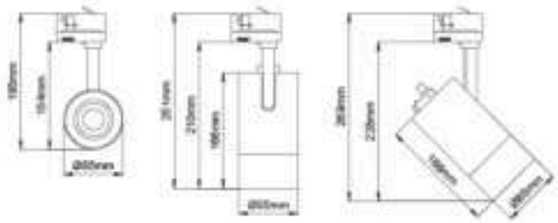
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis wit mechanical aiming lock.
- Phase DIM option available with dimmer mounted on the backside of the spotlight.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution through adjustable lens optic.
- CCT control possible through dip-switch on the backside of the spotlight.
- Standart CRI>80 and CRI>90 high options available.
- Up to 87lm/W efficiency.
- High colour consistency: <3 SDCM

CYLITE
ZOOM MAXI



Product Color	Technical Drawing

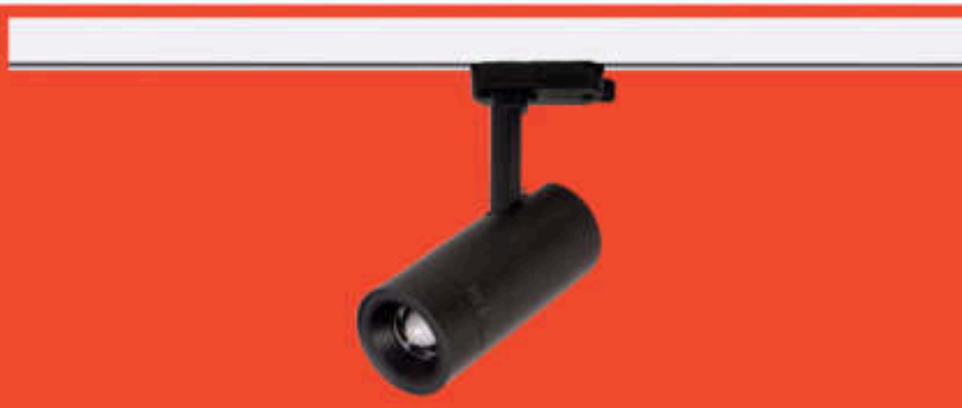






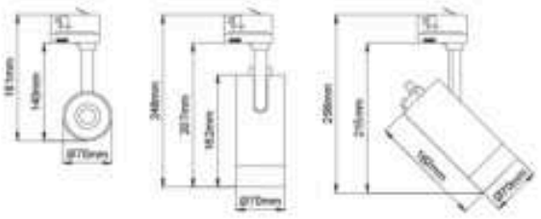
Cylite Zoom Maxi			
Power	CRI	Kelvin	Lümen T_C=50°
25W	CRI>80	2700K	1600
		3000K	1700
		3500K	1800
		4000K	2000
		5000K	X
	CRI>90	2700K	1724
		3000K	1830
		3500K	1935
		4000K	2164
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

SILINDIR
ZOOM MIDI



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04







Silindir Zoom Midi

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	805
		3000K	824
		3500K	845
		4000K	1000
		5000K	X
	CRI>90	2700K	752
		3000K	770
		3500K	788
		4000K	933
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X



CYLITE INVISIBLE Tracklight

Cylite range can also integrate invisible track driver which is flush with truck that creates robust and minimalist design with high lumen output functionality at the same time.

High efficient COB family up to 98 CRI integrated with this family. Both on/off and NOVA versions available.

For 3-circuit track systems, flush with track surface and invisible integrated LED driver.

Unobtrusive design will provide entirely new design scope for lighting designers and engineers when developing purist, minimalist LED luminaires.

Flicker free, and NOVA lighting concept possible.

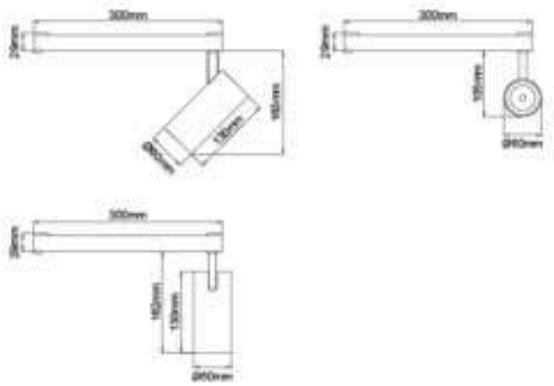
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase invisible track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming system of NOVA.
- Basic colours: White, Black, Gray and specia color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 109lm/W efficiency.
- High colour consistency: <3 SDCM

CYLITE
60 INVISIBLE



Product Color	Technical Drawing









Cylite 60 Invisible

Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	2195
		3000K	2263
		3500K	2308
		4000K	2354
		5000K	2424
	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600





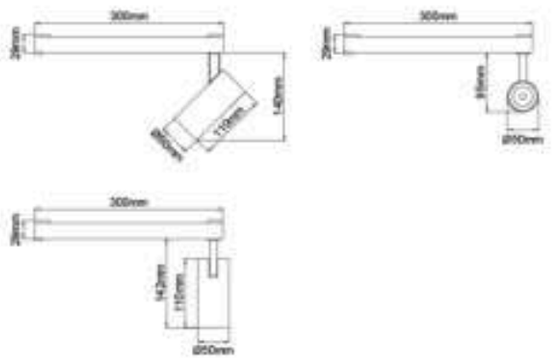


CYLITE
50 INVISIBLE



Product Color	Technical Drawing









Cylite 50 Invisible

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1630
		3000K	1680
		3500K	1714
		4000K	1750
		5000K	1800
	CRI>90	2700K	1515
		3000K	1562
		3500K	1595
		4000K	1628
		5000K	X
	CRI>98	2700K	1105
		3000K	1140
		4000K	1190





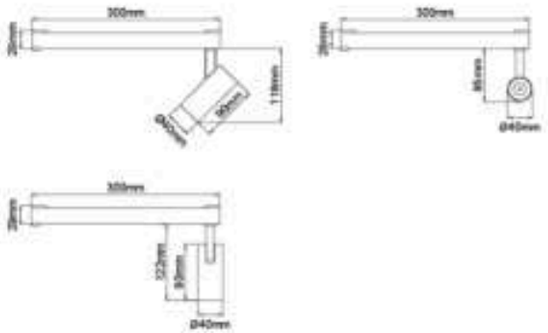


CYLITE
40 INVISIBLE



Product Color	Technical Drawing









Cylite 40 Invisible

Power	CRI	Kelvin	Lümen T_c=50°
10W	CRI>80	2700K	1175
		3000K	1199
		3500K	1225
		4000K	1247
		5000K	1275
	CRI>90	2700K	1093
		3000K	1115
		3500K	1137
		4000K	1159
		5000K	X
	CRI>98	2700K	747
		3000K	769
		4000K	800









LUMA Tracklight

LUMA spot range is magnificent design for tracklight applications.

Driver and lamp house integrated into single cylindrical housing and alternatively gearbox can be seperated for higher flux requirements.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with LUMA spotlights.

Different accesories can be integrated to front ring enables architects to use this spotlight range in various different applications.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 137lm/W efficiency.
- High colour consistency: <3 SDCM

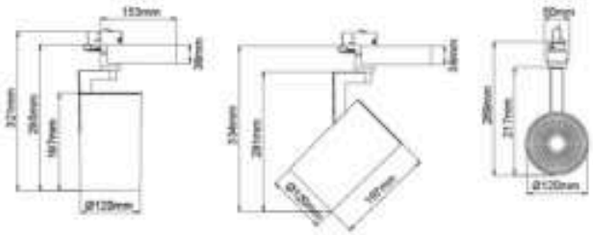
LUMA
MAXI FLUX



Product Color



Technical Drawing





Luma Maxi Flux			
Power	CRI	Kelvin	Lümen T_C=50°
48W	CRI>80	2700K	5511
		3000K	5647
		3500K	5845
		4000K	6050
		5000K	6473
	CRI>90	2700K	4958
		3000K	5082
		3500K	5200
		4000K	5444
		5000K	X
	CRI>98	2700K	4229
		3000K	4382
		4000K	4688
	Meat / COB	1800K	3362
	Food / COB	2400K	3475
	FISH / COB	6600K	4595

LUMA MAXI



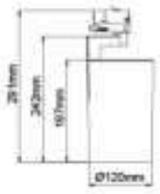
Product Color	Technical Drawing

White = 01

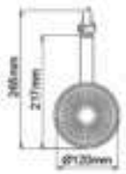

Black = 02


Gray = 03


Special Color = 04











Luma Maxi			
Power	**CRI**	**Kelvin**	**Lümen T_C =50°**
35W	CRI>80	2700K	4126
		3000K	4239
		3500K	4377
		4000K	4529
		5000K	4846
	CRI>90	2700K	3708
		3000K	3800
		3500K	3932
		4000K	4208
		5000K	X
	CRI>98	2700K	3083
		3000K	3195
		4000K	3418
	Meat / COB	1800K	2662
	Food / COB	2400K	2744
	FISH / COB	6600K	3629



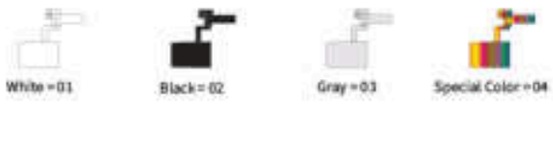


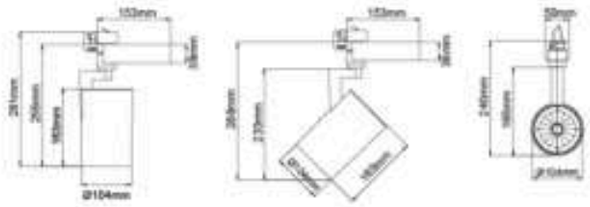


LUMA FLUX



Product Color	Technical Drawing







Luma Flux			
Power	**CRI**	**Kelvin**	**Lümen T_C =50°**
42W	CRI>80	2700K	4730
		3000K	4850
		3500K	5018
		4000K	5190
		5000K	5558
	CRI>90	2700K	4257
		3000K	4365
		3500K	4516
		4000K	4671
		5000K	X
	CRI>98	2700K	3655
		3000K	3788
		4000K	4050
	Meat /COB	1800K	2732
	Food / COB	2400K	2816
	FISH / COB	6600K	3717

LUMA



Product Color	Technical Drawing







Luma			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
33W	CRI>80	2700K	3888
		3000K	4045
		3500K	4187
		4000K	4333
		5000K	4636
	CRI>90	2700K	3499
		3000K	3586
		3500K	3712
		4000K	3842
		5000K	X
	CRI>98	2700K	2680
		3000K	2795
		4000K	2990
	Meat / COB	1800K	2238
	Food / COB	2400K	2304
	FISH / COB	6600K	3046







LUMA MINI



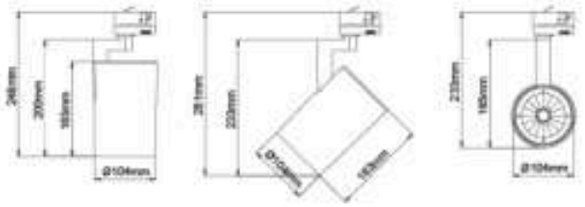
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04



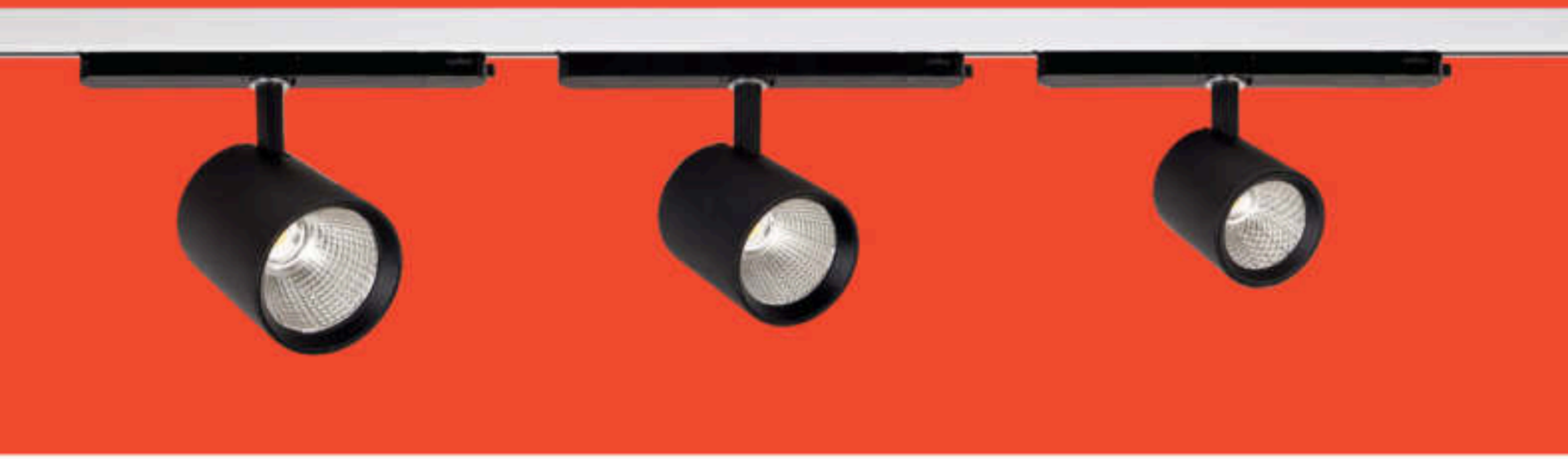


Luma Mini			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
15W	CRI>80	2700K	1621
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X









AXIS Tracklight

AXIS spot range is magnificent design for tracklight applications.

Uniform lamp house integrated onto in-track driver adaptor.

Minimalistic features creates aesthetic look.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with AXIS spotlights.

Different accesories can be integrated to front ring enables architects to use this spotlight range in various different applications.

Three different size is available in this family.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With in-track adaptor suitable to 3-phase universal track.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Suitable for NOVA DIM system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM

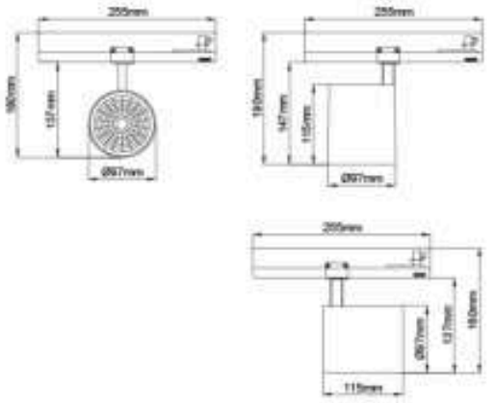
AXIS MAXI



Product Color



Technical Drawing





Axis Maxi

Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3338
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

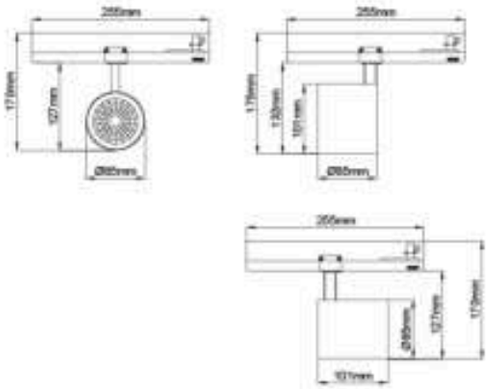
AXIS MIDI



Product Color



Technical Drawing





Axis Midi

Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2837
		3000K	2894
		3500K	2951
		4000K	3012
		5000K	3101
	CRI>90	2700K	2638
		3000K	2695
		3500K	2752
		4000K	2813
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AXIS MINI



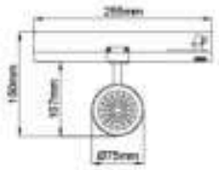
Product Color	Technical Drawing

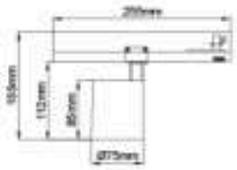
White = 01


Black = 02


Gray = 03


Special Color = 04











Axis Mini

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1682
		3000K	1734
		3500K	1767
		4000K	1805
		5000K	1840
	CRI>90	2700K	1563
		3000K	1612
		3500K	1645
		4000K	1677
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X









VOLTIS Tracklight

VOLTIS is a modern track mounted LED spotlight in organic design for various lighting tasks.

Thanks to its extruded aluminium profile arm structure, lenght of arm can be adjusted optionally as per customer request.

Narrow driver box minimizes the appearance on track and optionally in-track adaptor version available that further minimizes the shape.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with VOLTIS spotlight.

Different accesories integratio together with DIM options enables architects to use this spotlight range in various different applications.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare
- Screen and Visor.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 136lm/W efficiency.
- High colour consistency: <3 SDCM

VOLTIS



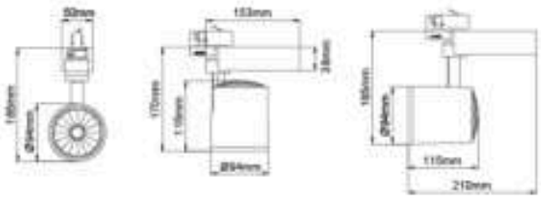
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Voltis			
Power	CRI	Kelvin	Lümen T_c=50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat / COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100





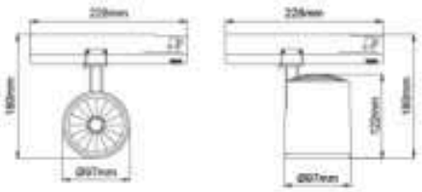


VOLTIS DECO



Product Color	Technical Drawing







Voltis Deco

Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat / COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100









GLOW Tracklight

GLOW spot range is magnificent design for tracklight applications.

Uniform lamp house integrated onto in-track driver adaptor. Minimalistic features creates aesthetic look.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with GLOW spotlights.

Different accesories can be integrated to front ring enables architects to use this spotlight range in various different applications.

Three different size is available in this family.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With in-track adaptor suitable to 3-phase universal track.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Suitable for NOVA DIM system.
- High tech control systems of Warm Dim, Wireless Dim and Tunable White options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM

GLOW MAXI



Product Color



Technical Drawing





Glow Maxi			
Power	CRI	Kelvin	Lümen T_C =50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563
	Meat / COB	1800K	2100
	Food / COB	2400K	2156
	FISH / COB	6600K	2856







GLOW MIDI



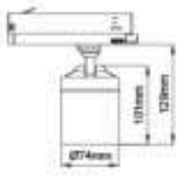
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04











Glow Midi

Power	CRI	Kelvin	Lümen T_C=50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2426
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







GLOW MINI



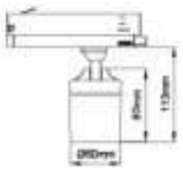
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04











Glow Mini

Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	1054
		3000K	1072
		3500K	1092
		4000K	1114
		5000K	1136
	CRI>90	2700K	970
		3000K	999
		3500K	1018
		4000K	1038
		5000K	X
	CRI>98	2700K	754
		3000K	776
		4000K	806
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X









TERRA Tracklight

TERRA, the powerful spotlight series with up to 4500lm fulfills even most demanding lighting requirements.

Minimalistic features creates aesthetic look.

The high quality converter housing and spotlight head are made of pressure- diecast aluminium.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with TERRA spotlights.

Different accesories can be integrated to front ring enables architects to use this spotlight range in various different applications.

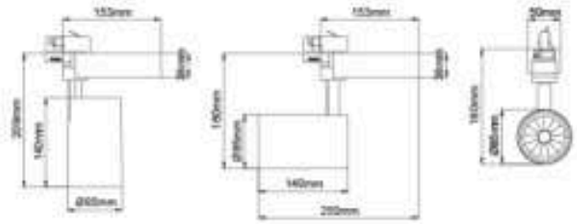
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA and 1-10V Dim options.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium and Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 142lm/W efficiency.
- High colour consistency: <3 SDCM

TERRA MAXI



Product Color	Technical Drawing









Terra Maxi

Power	CRI	Kelvin	Lümen T_C=50°
35W	CRI>80	2700K	4174
		3000K	4288
		3500K	4428
		4000K	4582
		5000K	4902
	CRI>90	2700K	3751
		3000K	3844
		3500K	3978
		4000K	4257
		5000K	X
	CRI>98	2700K	2796
		3000K	2988
		4000K	3135
	Meat / COB	1800K	2402
	Food / COB	2400K	2497
	FISH / COB	6600K	3295







TERRA
MAXI DECO



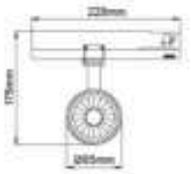
Product Color	Technical Drawing

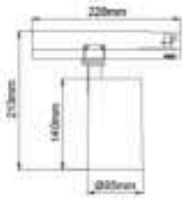
White = 01


Black = 02


Gray = 03


Special Color = 04









Terra Maxi Deco

Power	CRI	Kelvin	Lümen T_C =50°
35W	CRI>80	2700K	4174
		3000K	4288
		3500K	4428
		4000K	4582
		5000K	4902
	CRI>90	2700K	3751
		3000K	3844
		3500K	3978
		4000K	4257
		5000K	X
	CRI>98	2700K	2881
		3000K	2986
		4000K	3135
	Meat /COB	1800K	2420
	Food / COB	2400K	2497
	FISH / COB	6600K	3295





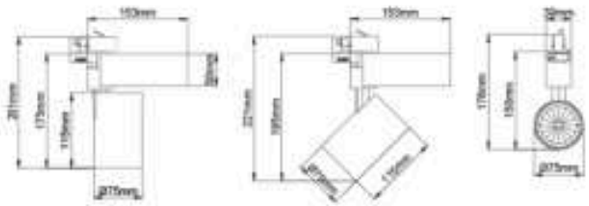


TERRA MINI



Product Color	Technical Drawing







Terra Mini			
Power	CRI	Kelvin	Lümen T_c =50°
28W	CRI>80	2700K	3479
		3000K	3633
		3500K	3674
		4000K	3815
		5000K	4079
	CRI>90	2700K	2816
		3000K	3110
		3500K	3193
		4000K	3228
		5000K	X
	CRI>98	2700K	2543
		3000K	2635
		4000K	2822
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







TERRA
MINI DECO



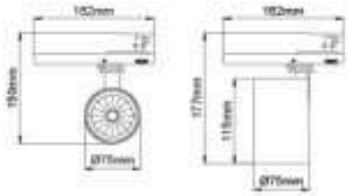
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04







Terra Mini Deco

Power	CRI	Kelvin	Lümen T_C =50°
28W	CRI>80	2700K	3479
		3000K	3633
		3500K	3674
		4000K	3815
		5000K	4079
	CRI>90	2700K	2816
		3000K	3130
		3500K	3193
		4000K	3228
		5000K	X
	CRI>98	2700K	2543
		3000K	2635
		4000K	2822
	Meat /COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X





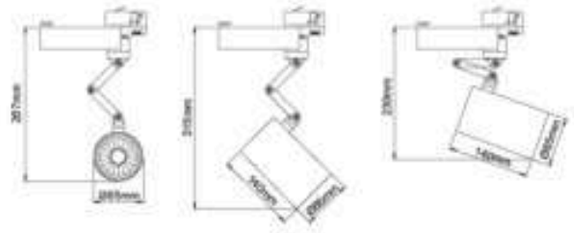


TERRA
MAXI ZIGZAG



Product Color	Technical Drawing







Terra Maxi Zigzag

Power	CRI	Kelvin	Lümen T_C =50°
35W	CRI>80	2700K	4174
		3000K	4288
		3500K	4428
		4000K	4582
		5000K	4902
	CRI>90	2700K	3751
		3000K	3844
		3500K	3978
		4000K	4257
		5000K	X
	CRI>98	2700K	2796
		3000K	2988
		4000K	3135
	Meat /COB	1800K	2420
	Food / COB	2400K	2497
	FISH / COB	6600K	3295









AZURE
Tracklight

Gentle design for high lumen output tracklight applications.

Integrated driver box to track and in-track adaptor versions minimizes the lenght of the fixture in downwards direction.

High efficient miro silver reflector technology integrated with highest lumen/watt COB's enables this range operate over 130lm/w system efficiency.

Different beam angle and color temperature variations together with integrated accesorie and dimming options enables flexibility to adapt AZURE spotlights into wide choice of different applications.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming system of Phase-Cut Dim option.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 131lm/W efficiency.
- High colour consistency: <3 SDCM

AZURE DECO



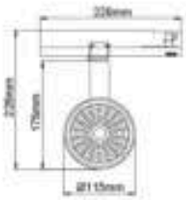
Product Color	Technical Drawing

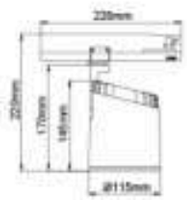
White = 01


Black = 02


Gray = 03


Special Color = 04









Azure Deco

Power	CRI	Kelvin	Lümen T_c =50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat /COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965







AZURE
MINI DECO



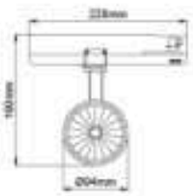
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04









Azure Mini Deco

Power	CRI	Kelvin	Lümen T_c =50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat /COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100









BAVERO Tracklight

BAVERO, the powerful spotlight with up to 5000lm fulfills even most demanding lighting requirements.

Driver box integrated with lamp house creates minimal and aesthetic look.

The passive cooling integrated into the cylinder-shape light head ensures efficient heat management.

Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with BAVERO spotlight.

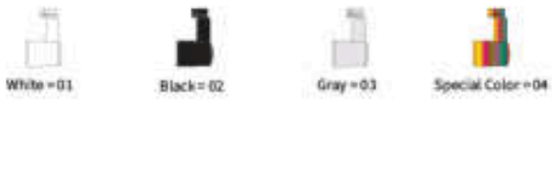
Different accesories can be integrated to front ring enables architects to use this spotlight in various different applications.

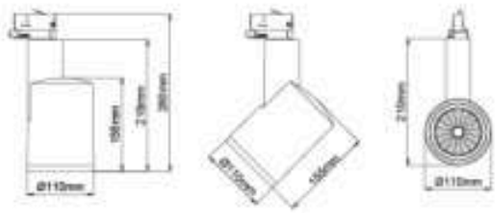
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA and 1-10V Dim options.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 137lm/W efficiency.
- High colour consistency: <3 SDCM

BAVERO



Product Color	Technical Drawing







Bavero

Power	CRI	Kelvin	Lümen T_c =50°
35W	CRI>80	2700K	4276
		3000K	4449
		3500K	4605
		4000K	4766
		5000K	5099
	CRI>90	2700K	3848
		3000K	3944
		3500K	4083
		4000K	4226
		5000K	X
	CRI>98	2700K	3046
		3000K	3157
		4000K	3314
	Meat / COB	1800K	2461
	Food / COB	2400K	2534
	FISH / COB	6600K	3350





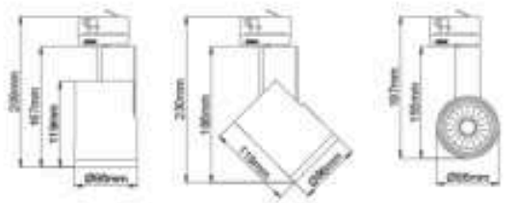


BAVERO MINI



Product Color	Technical Drawing







Bavero Mini			
Power	CRI	Kelvin	Lümen T_c =50°
24W	CRI>80	2700K	2706
		3000K	2773
		3500K	2870
		4000K	2971
		5000K	3179
	CRI>90	2700K	2442
		3000K	2503
		3500K	2590
		4000K	2680
		5000K	X
	CRI>98	2700K	1876
		3000K	1944
		4000K	2080
	Meat /COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X



KONEX Tracklight





Wireless DIM

Labos offers wireless DIM control on its KONEX spotlight range that provides easy control and saves time on wiring during installation.

KONEX



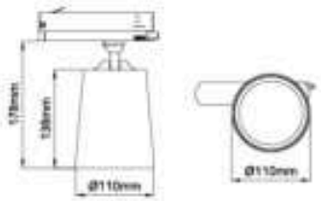
Product Color	Technical Drawing


White = 01


Black = 03


Gray = 04


Special Color = 06







Konex			
Power	**CRI**	**Kelvin**	**Lümen T_c =50°**
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat /COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100









YASMIRA Tracklight

YASMIRA spot range is magnificent design for tracklight applications.

Minimal housing shape in combination with Ledil Yasmeen Lens.

Two different size available in this range.

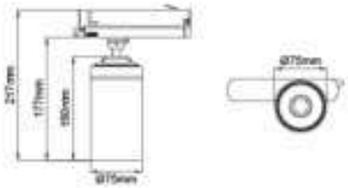
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- DALI, Tuneable White, Warm Dim and Wireless Dim options available.
- Basic colours: White, Black, Gray and special color options.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 119lm/W efficiency.
- High colour consistency: <3 SDCM

YASMIRA MAXI



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Yasmira Maxi

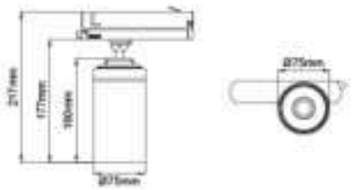
Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3315
		3000K	3495
		3500K	3545
		4000K	3680
		5000K	3934
	CRI>90	2700K	3046
		3000K	3064
		3500K	3080
		4000K	3103
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

YASMIRA MINI



Product Color	Technical Drawing







Yasemira Mini

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1532
		3000K	1606
		3500K	1635
		4000K	1691
		5000K	1807
	CRI>90	2700K	1280
		3000K	1327
		3500K	1579
		4000K	1606
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X



COSVEX Tracklight

COSVEX uses 5050 SMD LED technology integrated with multiple Lenses to create uniform and clean light output.

All sizes of this range has the same capability with three different beam angle of spot, medium and wide flood options.

Thanks to its easy to apply wide accesories options and different Kelvin options in all sizes, enables designers strong lighting tool for projects.

Highest lumen per watt LED options preferred to increase the functionality.

Clever heatsink design enables maximum lifetime with minimal possible outer dimensions.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal in-track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Individual lenses with uniform light effect.
- Classic dimming system of NOVA Dim option.
- High tech control system Wireless Dim option.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Visor, Barn Door, Linear Spread diffuser and Softening diffuser.
- Spot, Medium and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 98lm/W efficiency.
- High colour consistency: <3 SDCM

COSVEX



Product Color	Technical Drawing

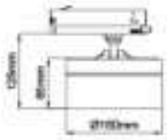

White = 01

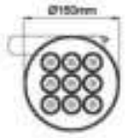

Black = 02


Gray = 03


Special Color = 04











Cosvex

Power	CRI	Kelvin	Lümen T_c =50°
32W	CRI>80	2700K	2897
		3000K	2991
		3500K	3054
		4000K	3149
		5000K	3243
	CRI>90	2700K	2292
		3000K	2418
		3500K	2443
		4000K	2519
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing

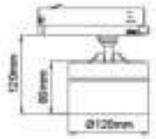

White = 01

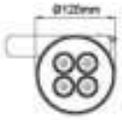

Black = 02


Gray = 03


Special Color = 04











Cosvex			
Power	**CRI**	**Kelvin**	**Lümen T_c =50°**
14W	CRI>80	2700K	1100
		3000K	1136
		3500K	1160
		4000K	1196
		5000K	1231
	CRI>90	2700K	967
		3000K	1020
		3500K	1031
		4000K	1063
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Cosvex			
Power	CRI	Kelvin	Lümen T_c=50°
8W	CRI>80	2700K	682
		3000K	704
		3500K	719
		4000K	742
		5000K	764
	CRI>90	2700K	599
		3000K	632
		3500K	639
		4000K	659
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing

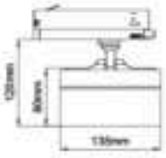

White = 01

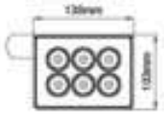

Black = 02


Gray = 03


Special Color = 04











Cosvex

Power	CRI	Kelvin	Lümen T_c=50°
20W	CRI>80	2700K	1812
		3000K	1871
		3500K	1910
		4000K	1970
		5000K	2029
	CRI>90	2700K	1594
		3000K	1681
		3500K	1699
		4000K	1752
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing

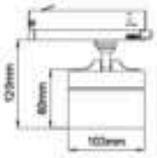

White = 01

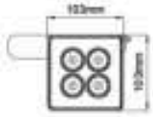

Black = 02


Gray = 03


Special Color = 04











Cosvex			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
14W	CRI>80	2700K	1100
		3000K	1136
		3500K	1160
		4000K	1196
		5000K	1231
	CRI>90	2700K	967
		3000K	1020
		3500K	1031
		4000K	1063
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing

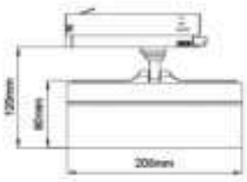

White = 01

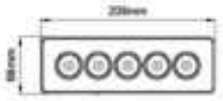

Black = 03


Gray = 04


Special Color = 06











Cosvex

Power	CRI	Kelvin	Lümen T_C =50°
16W	CRI>80	2700K	1454
		3000K	1501
		3500K	1533
		4000K	1581
		5000K	1628
	CRI>90	2700K	1278
		3000K	1348
		3500K	1362
		4000K	1405
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing

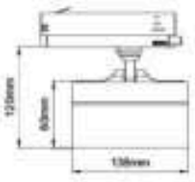

White = 01

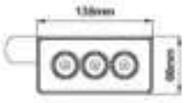

Black = 03


Gray = 04


Special Color = 06











Cosvex

Power	CRI	Kelvin	Lümen T_C=50°
12W	CRI>80	2700K	1028
		3000K	1062
		3500K	1084
		4000K	1118
		5000K	1151
	CRI>90	2700K	904
		3000K	954
		3500K	964
		4000K	994
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







COSVEX



Product Color	Technical Drawing

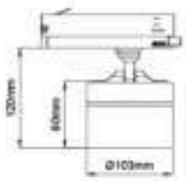

White = 01

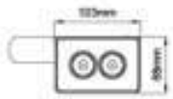

Black = 03


Gray = 04


Special Color = 06









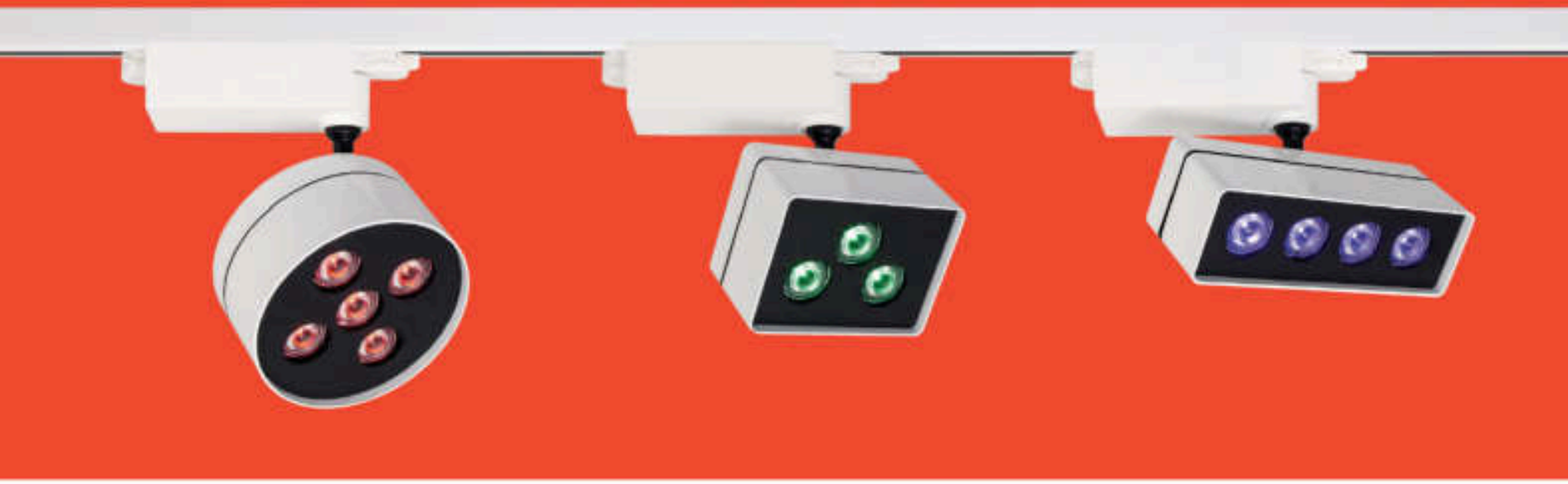


Cosvex			
Power	CRI	Kelvin	Lümen T_C =50°
8W	CRI>80	2700K	682
		3000K	704
		3500K	739
		4000K	742
		5000K	764
	CRI>90	2700K	599
		3000K	632
		3500K	639
		4000K	659
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X









COSVEX RGBW Tracklight

COSVEX can be used also with RGBW system. It uses 4-in-1 RGBW chip technology integrated with light mixer lenses to create uniform and clean light output in every color.

Three different sizes of this range has the RGBW light output capability with three different beam angles of spot, medium and wide flood options.

Operating mode of the spotlights are NOVA DT8 that enables independent control of each.

Two addresses for DIM is possible. One for adjusting the light and other for dimming.

- Die-cast aluminium body.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal in-track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Individual lenses with uniform light effect.
- DALI DT8 operating mode enables individual addressing.
- Two DALI addresses; one for colour control and the other for dimming at every specific colour mode.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Linear Spread diffuser and Softening diffuser.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.

COSVEX RGBW



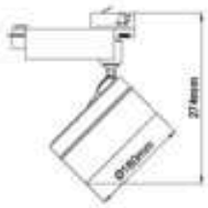
Product Color	Technical Drawing

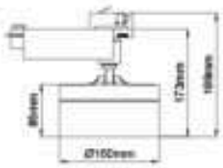

White = 01

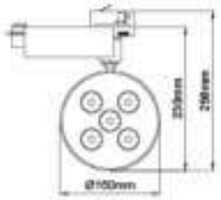

Black = 02


Gray = 03


Special Color = 04











Cosvex RGBW			
Power	Color	Color	Lümen T_c =50°
22W	RGBW	3000K	340
		Red / Kırmızı	195
		Green / Yeşil	370
		Blue / Mavi	60







COSVEX RGBW



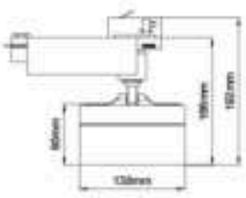
Product Color	Technical Drawing

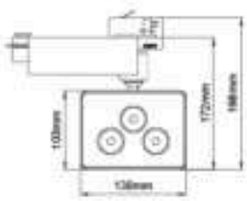

White = 01


Black = 02


Gray = 03


Special Color = 04









Cosvex RGBW

Power	Color	Color	Lümen T_C=50°
14W	RGBW	3000K	205
		Red / Kırmızı	115
		Green / Yeşil	225
		Blue / Mavi	35







COSVEX RGBW



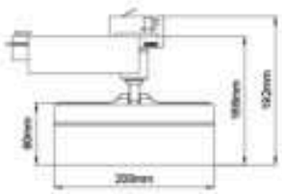
Product Color	Technical Drawing

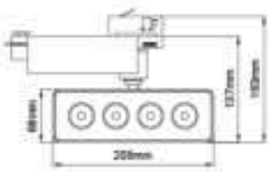

White = 01


Black = 02


Gray = 03


Special Color = 04







Cosvex RGBW			
Power	Color	Color	Lümen T_c =50°
18W	RGBW	3000K	275
		Red / Kırmızı	155
		Green / Yeşil	300
		Blue / Mavi	45











PURELUX Tracklight

PURELUX have been designed for three main different applications with three different reflector solutions. First, with half batwing reflector, the homogenous illumination of vertical surfaces are possible.

LED wallwashers create a soft, diffuse light distribution that are completely dazzle-free and can therefore also be fitted close to walls without producing bad reflections on the surface.
In addition to wall washing, the luminaires are also perfect for illuminating large objects almost flush with the ceiling.

Second, with batwing reflector, light distribution is homogenously distributed into two sides.
This effect is very widely preferred especially in shelf lighting with minimum glare in supermarkets.
Third, with oval reflector, light is distributed evenly to a wide area with highest possible efficiency.

Minimum number of spotlights with maximum lumen output is possible with this application if even light distribution is required. PURELUX can be used in both three applications due to same reflector size for all types.

LOR > 90% Miro Silver reflector with combination of highest efficient 3 SDCM COB leds enables very high system efficiency for this rangeç

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 180° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Antiglare Louvre and Colour Filter.
- Half Batwing Medium and Flood reflector versions available.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 127lm/W efficiency.
- High colour consistency: <3 SDCM

PURELUX



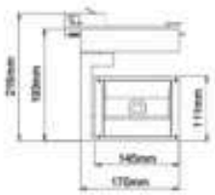
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Purelux

Power	CRI	Kelvin	Lümen T_C =50°
42W	CRI>80	2700K	4872
		3000K	4993
		3500K	5368
		4000K	5349
		5000K	5670
	CRI>90	2700K	4384
		3000K	4493
		3500K	4651
		4000K	4814
		5000K	X
	CRI>98	2700K	3368
		3000K	3491
		4000K	3668
	Meat /COB	1800K	2585
	Food / COB	2400K	2865
	FISH / COB	6600K	3781







PURELUX



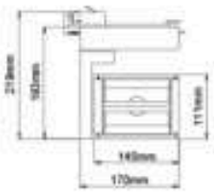
Product Color	Technical Drawing

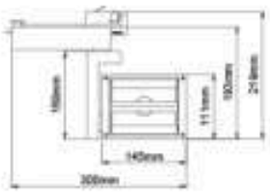

White = 01


Black = 02


Gray = 03


Special Color = 04







Purelux

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4608
		3000K	4723
		3500K	4888
		4000K	5060
		5000K	5363
	CRI>90	2700K	4347
		3000K	4250
		3500K	4399
		4000K	4554
		5000K	X
	CRI>98	2700K	3387
		3000K	3303
		4000K	3468
	Meat / COB	1800K	2445
	Food / COB	2400K	2710
	FISH / COB	6600K	3576







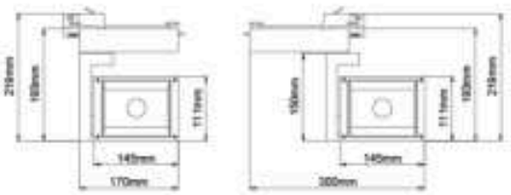
PURELUX



Product Color



Technical Drawing





Purelux			
Power	CRI	Kelvin	Lümen T_c =50°
42W	CRI>80	2700K	4723
		3000K	4841
		3500K	5010
		4000K	5156
		5000K	5497
	CRI>90	2700K	4250
		3000K	4356
		3500K	4508
		4000K	4667
		5000K	X
	CRI>98	2700K	3265
		3000K	3384
		4000K	3553
	Meat /COB	1800K	2506
	Food / COB	2400K	2777
	FISH / COB	6600K	3665









VECTOR TRACK Tracklight

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With in-track adaptor suitable to 3-phase universal track.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Suitable for NOVA DIM system.
- High tech control systems of Warm Dim, Tunable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Medium and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 105lm/W efficiency.
- High colour consistency: <3 SDCM

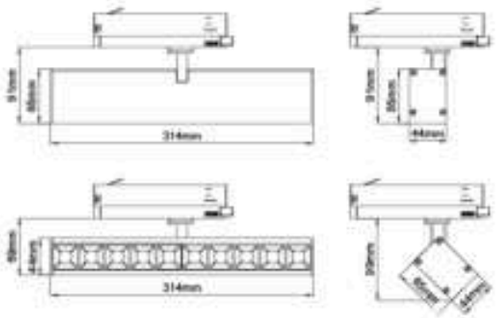
VECTOR TRACK



Product Color



Technical Drawing







Vector Track

Power	CRI	Kelvin	Lümen T_c =50°
20W	CRI>80	2700K	1958
		3000K	2019
		3500K	2060
		4000K	2102
		5000K	2165
	CRI>90	2700K	1821
		3000K	1878
		3500K	1915
		4000K	1955
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







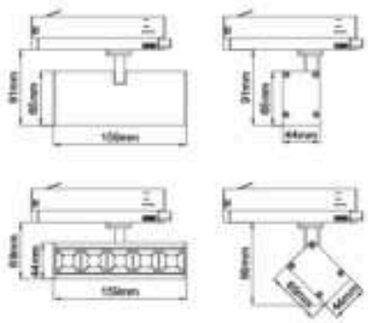
VECTOR TRACK



Product Color



Technical Drawing







Vector Track

Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>80	2700K	980
		3000K	1010
		3500K	1030
		4000K	1051
		5000K	1082
	CRI>90	2700K	911
		3000K	939
		3500K	958
		4000K	978
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







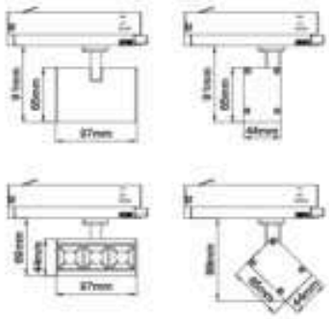
VECTOR TRACK



Product Color



Technical Drawing







Vector Track

Power	CRI	Kelvin	Lümen T_c =50°
6W	CRI>80	2700K	554
		3000K	571
		3500K	583
		4000K	595
		5000K	613
	CRI>90	2700K	515
		3000K	531
		3500K	542
		4000K	553
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X









LUMIS & LUMIS DECO Tracklight

LUMIS range is classical design of Labos COB Tracklight range.

Clever heatsink design enables maximum lifetime with minimal outer dimensions.

High efficient miro silver reflector technology integrated with highest lumen/watt COB's enables this range operate over 135lm/W system efficiency.

Different beam angle and color temperature variations together with integrated accesorie options and dimming capability enables flexibility to adapt LUMIS into wide choice of different applications.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- With 3-phase universal track adaptor.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Warm Dim, Tunable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Barn Door, Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 131lm/W efficiency.
- High colour consistency: <3 SDCM

LUMIS



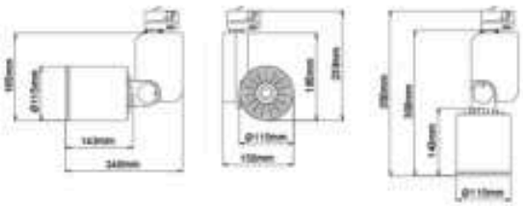
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Lumis			
Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965







LUMIS



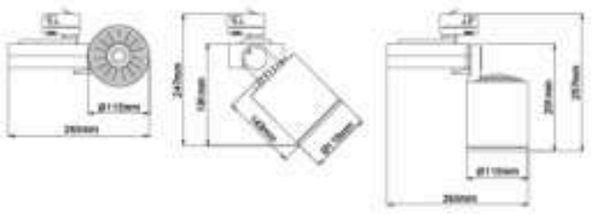
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Lumis			
Power	CRI	Kelvin	Lümen T_c =50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	x
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965







LUMIS MINI



Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04









Lumis Mini

Power	CRI	Kelvin	Lümen T_C =50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat / COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100









LUMIS MINI

Product Color	Technical Drawing

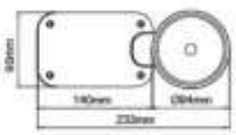

White = 01


Black = 02


Gray = 03


Special Color = 04









Lumis Mini

Power	CRI	Kelvin	Lümen T_C =50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat /COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100







LUMIS DECO



Product Color	Technical Drawing


White = 01

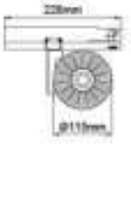

Black = 02


Gray = 03


Special Color = 04











Lumis Deco

Power	CRI	Kelvin	Lümen T_C =50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat /COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





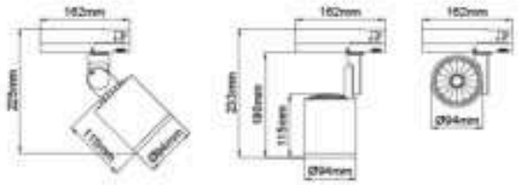


LUMIS MINI DECO



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Lumis Mini Deco

Power	CRI	Kelvin	Lümen T_C =50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat /COB	1800K	2278
	Food / COB	2400K	2345
	FISH / COB	6600K	3100

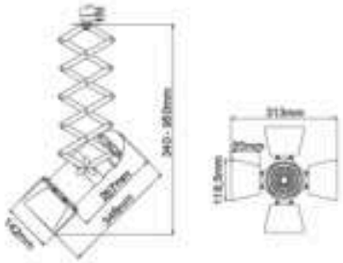
OPTON



Product Color



Technical Drawing







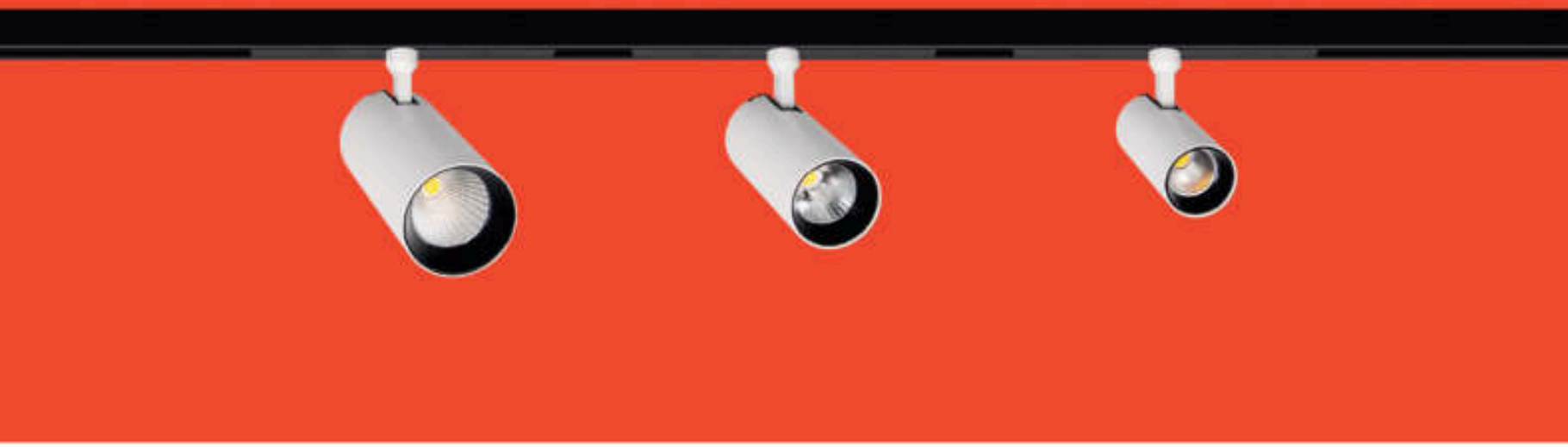
Opton

Power	CRI	Kelvin	Lümen T_C =50°
28W	CRI>80	2700K	3325
		3000K	3460
		3500K	3581
		4000K	3707
		5000K	3966
	CRI>90	2700K	2993
		3000K	3068
		3500K	3178
		4000K	3286
		5000K	X
	CRI>98	2700K	2300
		3000K	2384
		4000K	2550
	Meat /COB	1800K	1914
	Food / COB	2400K	1971
	FISH / COB	6600K	2709









CYLITE 48V Tracklight

CYLITE family is now available in 48V low-voltage tracklights version in three different size options.

48V Track system creates great flexibility in lighting and architectural design and creates possibility of endless combinations.

CRI>98 option together with different kelvin and beam angle variety, makes this family unique.

The light modules are easy to insert and remove from track.

Its minimalistic dimensions helps to create aesthetic indoor environments.

Different accesories can be integrated to Silindir 48V range and also various DIM options are available.



1- High efficient reflector optic with spot, medium and wide distribution options.

2- Highest efficiency COB led's with 2700K, 3000K, 3500K, 4000K and 5000K CCT options.

3- Clever design internal cooling fins. No visibility of cooling fins from outside.

4- High quality DC/DC LED driver built inside 48V track with zero visibilty.

5- 90° vertical and 350° horizontal adjustable mounting arm with mechanical lock system. Long and short arm options available on request.

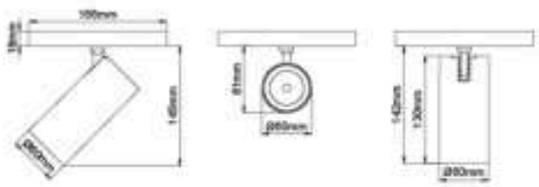
CYLITE 60



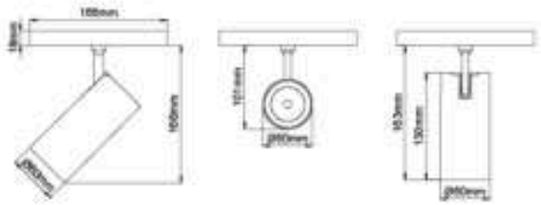
Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control systems of Wireless Dim and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Medium, Flood and Wide Flood beam angle options.
- Up to 96lm/W efficiency.







CYLITE 60



Cylite 60 Short Arm			
Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600



Cylite 60 Long Arm			
Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600



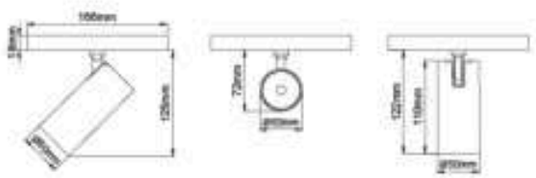
CYLITE 50



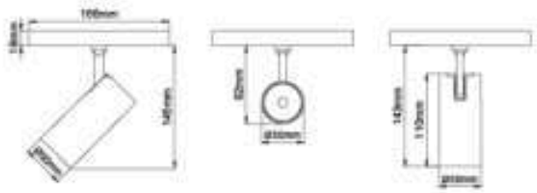
Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control systems of Wireless Dim and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Medium, Flood and Wide Flood beam angle options.
- Up to 98lm/W efficiency.







CYLITE 50



Cylite 50 Short Arm			
Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>90	2700K	1515
		3000K	1562
		3500K	1595
		4000K	1628
		5000K	X
	CRI>98	2700K	1105
		3000K	1140
		4000K	1190



Cylite 50 Long Arm			
Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>90	2700K	1515
		3000K	1562
		3500K	1595
		4000K	1628
		5000K	X
	CRI>98	2700K	1105
		3000K	1140
		4000K	1190



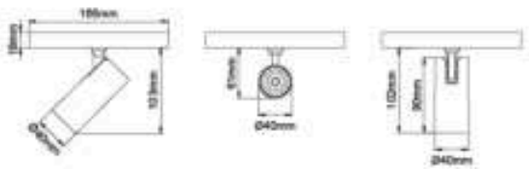
CYLITE 40



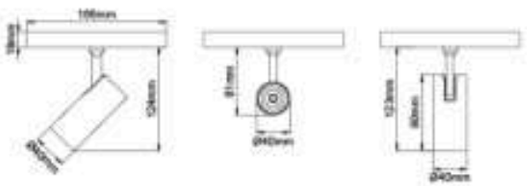
Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control systems of Wireless Dim and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Medium, Flood and Wide Flo

CYLITE 40

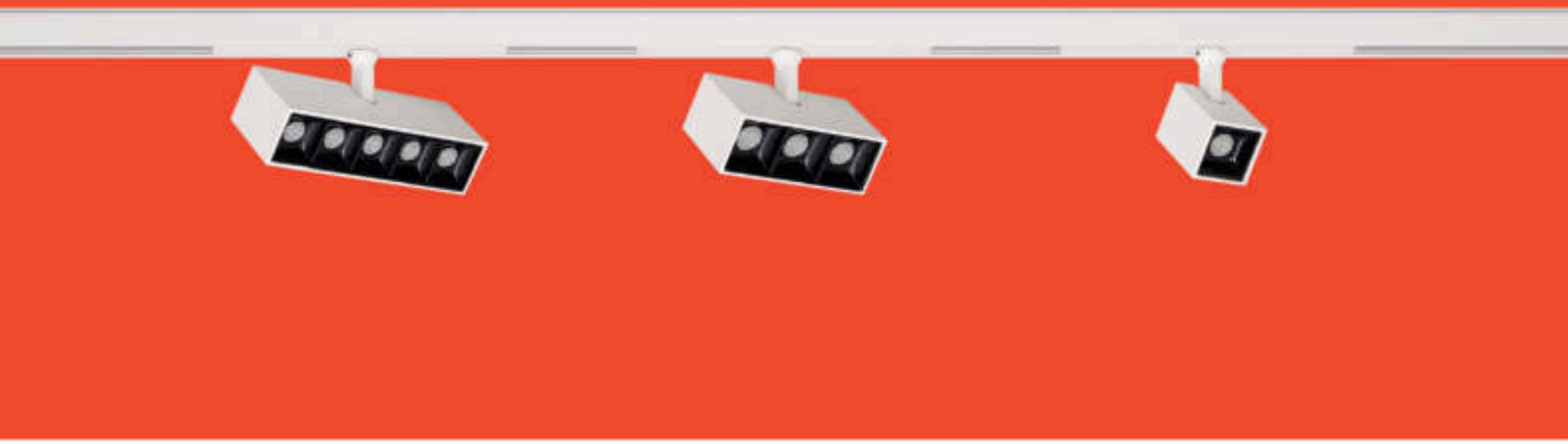


Cylite 40 Short Arm			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>90	2700K	1093
		3000K	1115
		3500K	1137
		4000K	1159
		5000K	X
	CRI>98	2700K	747
		3000K	769
		4000K	800



Cylite 40 Long Arm			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>90	2700K	1093
		3000K	1115
		3500K	1137
		4000K	1159
		5000K	X
	CRI>98	2700K	747
		3000K	769
		4000K	800





ORIENT 48V Tracklight



Orient family is a perfect example for miniaturization of lighting equipment in 48V system.

There are three different size options.

48V Track system creates great flexibility in lighting and architectural design and creates possibility of endless combinations.

CRI>98 option together with different kelvin and beam
angle variety, makes this family unique.

The light modules are easy to insert and remove from track.

Its minimalistic dimensions helps to create aesthetic indoor environments

1- High efficient lens optic with spot, medium and wide distribution options.

2- Highest efficiency power led's with 2700K, 3000K, 4000K and 5000K CCT options.

3- Clever design internal cooling fins. No visibility of cooling fins from outside.

4- High quality DC/DC LED driver built inside 48V track with zero visibilty.

5- 90° vertical and 350° horizontal adjustable mounting arm with mechanical lock system. Long and short arm options available on request.

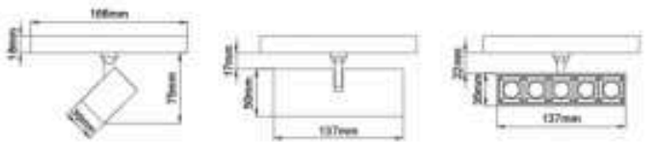
ORIENT
48V



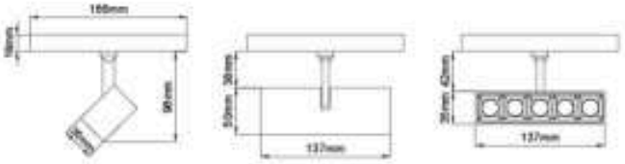
Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control system of Wireless Dim.
- Basic colours: White, Black, Gray and special color options.
- Medium, Flood and Wide Flood square frame beam angle options.
- Up to 119lm/W efficiency.







ORIENT
48V



Orient 48V Short Arm			
Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>90	2700K	1117
		3000K	1154
		3500K	1171
		4000K	1190
		5000K	X
	CRI>98	2700K	856
		3000K	872
		4000K	892



Orient 48V Long Arm			
Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>90	2700K	1117
		3000K	1154
		3500K	1171
		4000K	1190
		5000K	X
	CRI>98	2700K	856
		3000K	872
		4000K	892



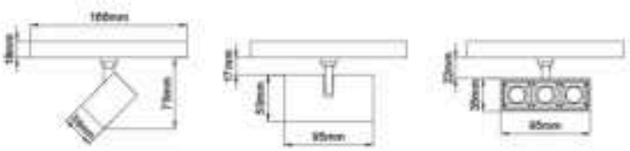
ORIENT
48V



Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control system of Wireless Dim.
- Basic colours: White, Black, Gray and special color options.
- Medium, Flood and Wide Flood square frame beam angle options.
- Up to 119lm/W efficiency.







ORIENT
48V



Orient 48V Short Arm			
Power	CRI	Kelvin	Lümen T_C =50°
6W	CRI>90	2700K	671
		3000K	693
		3500K	701
		4000K	714
		5000K	X
	CRI>98	2700K	516
		3000K	531
		4000K	536



Orient 48V Long Arm			
Power	CRI	Kelvin	Lümen T_C =50°
6W	CRI>90	2700K	671
		3000K	693
		3500K	701
		4000K	714
		5000K	X
	CRI>98	2700K	516
		3000K	531
		4000K	536



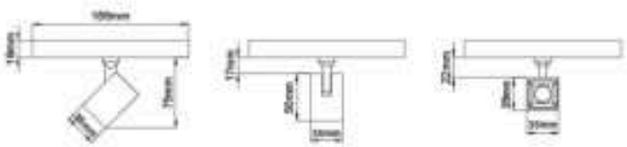
ORIENT
48V



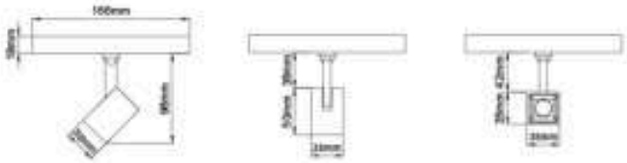
Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control system of Wireless Dim.
- Basic colours: White, Black, Gray and special color options.
- Medium, Flood and Wide Flood square frame beam angle options.
- Up to 119lm/W efficiency.







ORIENT 48V



Orient 48V Short Arm			
Power	CRI	Kelvin	Lümen T_C =50°
10W	CRI>90	2700K	224
		3000K	230
		3500K	234
		4000K	237
		5000K	X
	CRI>98	2700K	172
		3000K	175
		4000K	179



Orient 48V Long Arm			
Power	CRI	Kelvin	Lümen T_C =50°
10W	CRI>90	2700K	224
		3000K	230
		3500K	234
		4000K	237
		5000K	X
	CRI>98	2700K	172
		3000K	175
		4000K	179





GLOW 48V Tracklight

GLOW spot range is magnificent design for tracklight applications.

Unique cylindrical lamp house with in-track driver adator combination in three different sizes makes this family different than others.

- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Suitable for NOVA DIM system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare
- Screen and Visor.
- Spot, Medium and Flood beam angle options available with rotationally symmetric light distribution.
- High CRI>90 and super high CRI>98 LED options available.
- Up to 119lm/W efficiency.
- High colour consistency: <3 SDCM

GLOW
48V MAXI



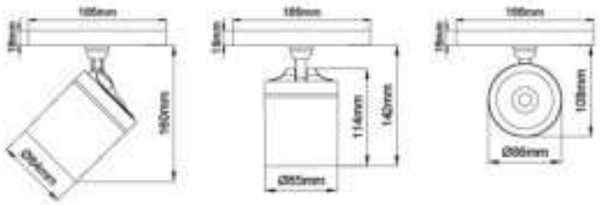
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04







Glow 48V Maxi			
Power	CRI	Kelvin	Lümen T_c =50°
28W	CRI>90	2700K	2547
		3000K	2832
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563







GLOW
48V MIDI



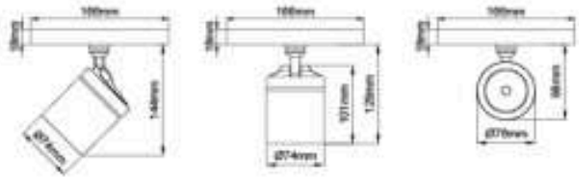
Product Color	Technical Drawing

White = 01


Black = 02


Gray = 03


Special Color = 04







Glow 48V Midi			
Power	CRI	Kelvin	Lümen T_c=50°
20W	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2426
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869







GLOW
48V MINI



Product Color	Technical Drawing

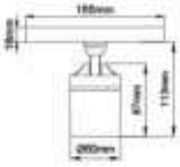
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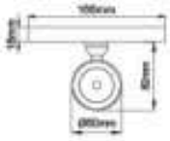

Black = 02


Gray = 03


Special Color = 04











Glow 48V Mini

Power	CRI	Kelvin	Lümen T_c=50°
10W	CRI>90	2700K	970
		3000K	999
		3500K	1038
		4000K	1038
		5000K	X
	CRI>98	2700K	754
		3000K	776
		4000K	806









EDGE 48V Tracklight

Edge is an elegant design 48V low-voltage linear line in three different size and optic / diffuser options.

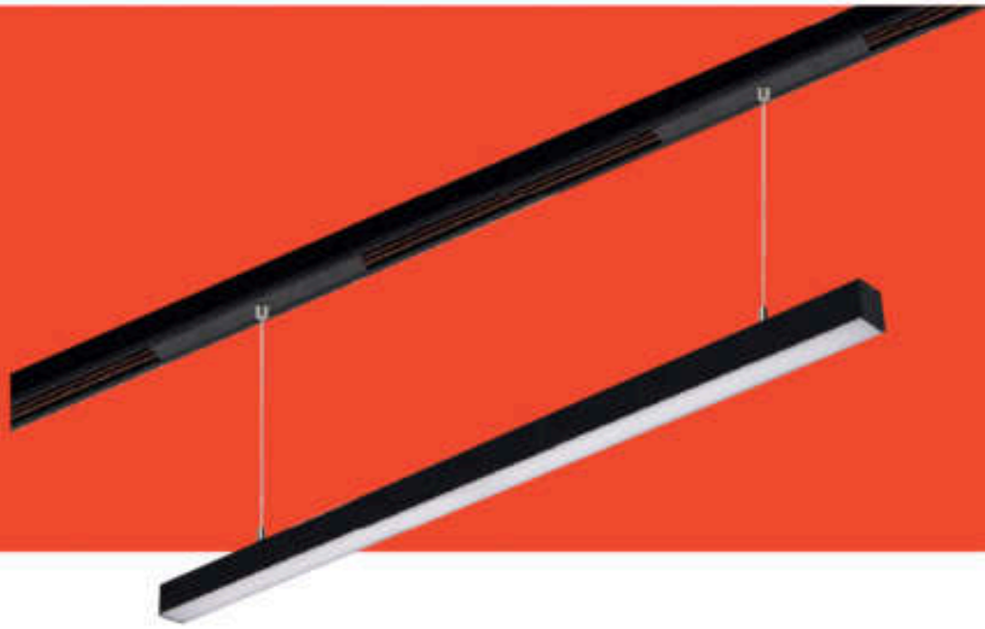
Standart opal, microprismatic for more glare control and lens options for different beam angle alternatives.

The light modules are easy to insert and remove from track. Its minimalistic dimensions helps to create aesthetic indoor environments.

It can be directly mounted on 48V track or pendant forms according to project needs.



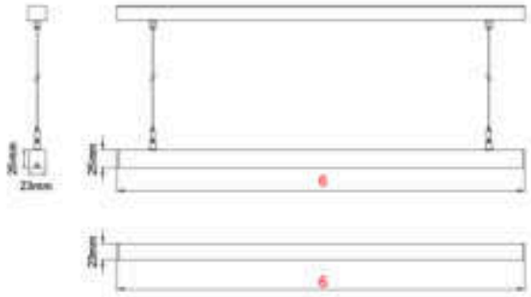
EDGE
PENDANT 48V



Product Color



Technical Drawing / Short Arm



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Opal diffuser.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM
- With steel suspension cord up to 5.00mt

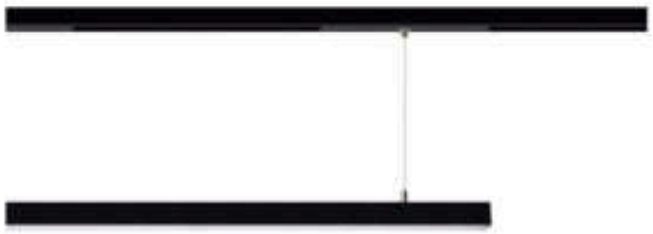
EDGE
PENDANT 48V



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>90	2700K	1084
		3000K	1118
		4000K	1151
		5000K	1185
	CRI>98	2700K	1008
		3000K	1039
		4000K	1070
		5000K	1102



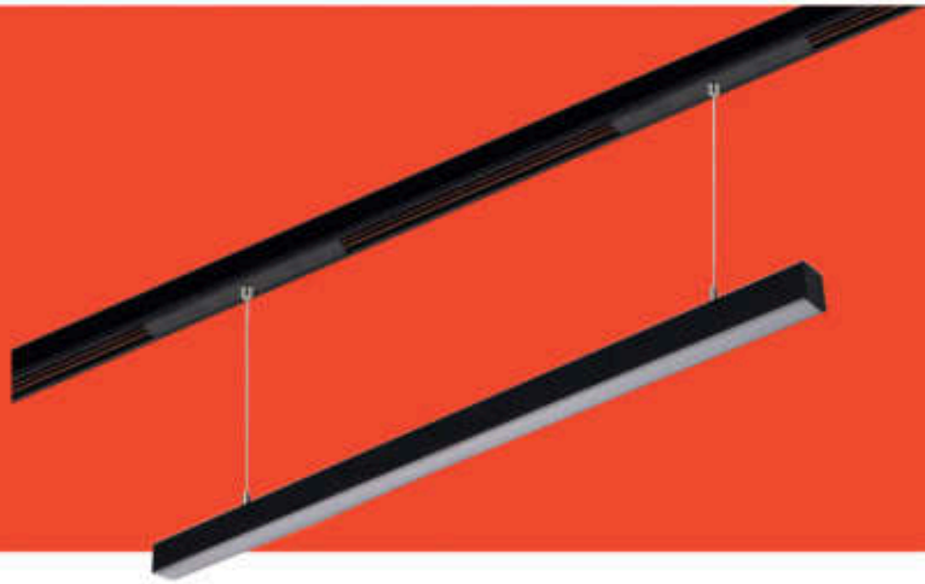
Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c=50°
10W	CRI>90	2700K	723
		3000K	745
		4000K	767
		5000K	790
	CRI>98	2700K	672
		3000K	692
		4000K	714
		5000K	735



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c=50°
5W	CRI>90	2700K	361
		3000K	372
		4000K	383
		5000K	395
	CRI>98	2700K	336
		3000K	346
		4000K	357
		5000K	367



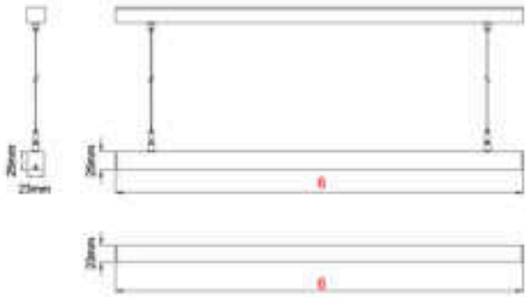
EDGE
PENDANT 48V



Product Color



Technical Drawing / Short Arm



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Microprismatic diffuser with low UGR.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM
- With steel suspension cord up to 5.00mt

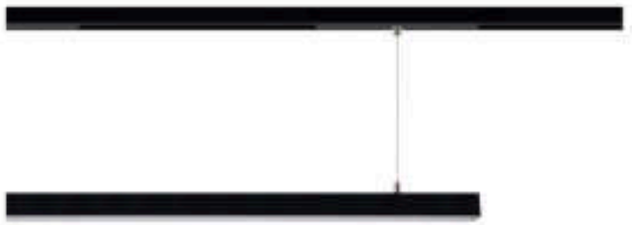
EDGE
PENDANT 48V



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>90	2700K	1113
		3000K	1189
		4000K	1225
		5000K	1262
	CRI>98	2700K	1072
		3000K	1105
		4000K	1138
		5000K	1173



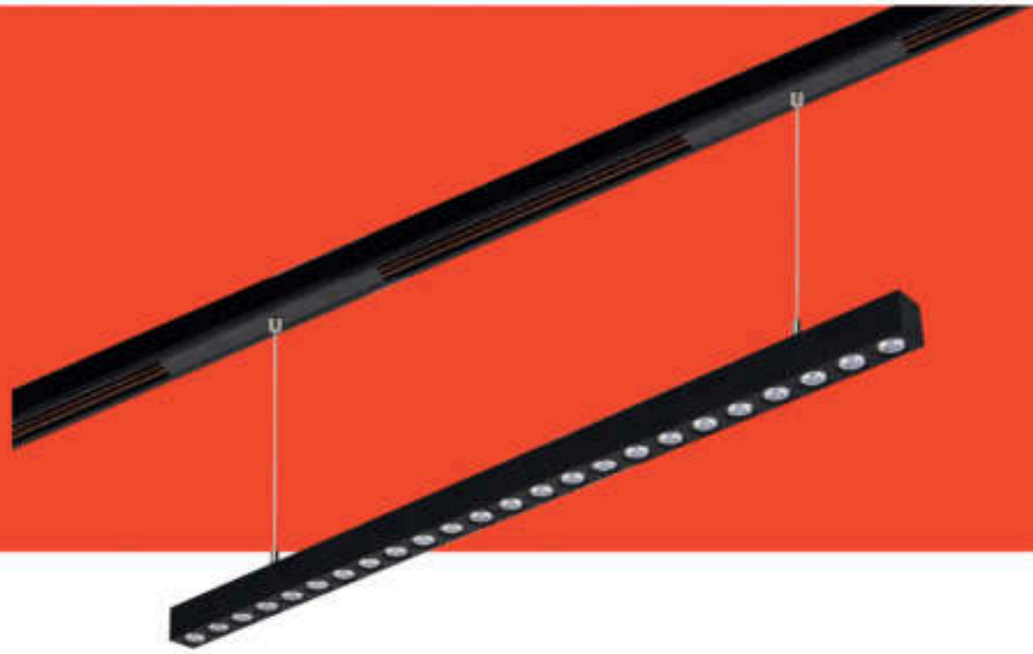
Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c=50°
10W	CRI>90	2700K	769
		3000K	793
		4000K	817
		5000K	841
	CRI>98	2700K	715
		3000K	737
		4000K	759
		5000K	782



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c=50°
5W	CRI>90	2700K	267
		3000K	275
		4000K	283
		5000K	292
	CRI>98	2700K	249
		3000K	255
		4000K	262
		5000K	271



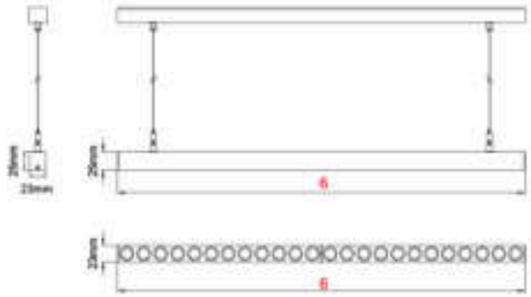
EDGE
PENDANT 48V



Product Color



Technical Drawing / Short Arm



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Lens optic with spot, medium and oval beam angle options.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM
- With steel suspension cord up to 5.00mt

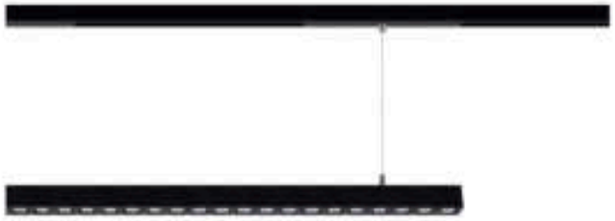
EDGE
PENDANT 48V



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>90	2700K	1215
		3000K	1253
		4000K	1290
		5000K	1328
	CRI>98	2700K	1130
		3000K	1163
		4000K	1200
		5000K	1234



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>90	2700K	810
		3000K	835
		4000K	860
		5000K	885
	CRI>98	2700K	753
		3000K	775
		4000K	800
		5000K	823



Edge Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
5W	CRI>90	2700K	405
		3000K	417
		4000K	430
		5000K	442
	CRI>98	2700K	376
		3000K	387
		4000K	400
		5000K	411



EDGE
TRACK 48V



Product Color

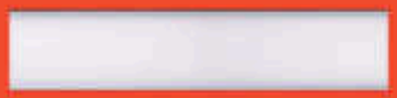


Technical Drawing / Short Arm



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Opal diffuser.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM

EDGE
TRACK 48V



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>90	2700K	1084
		3000K	1118
		4000K	1151
		5000K	1185
	CRI>98	2700K	1008
		3000K	1039
		4000K	1070
		5000K	1102



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>90	2700K	723
		3000K	745
		4000K	767
		5000K	790
	CRI>98	2700K	672
		3000K	692
		4000K	714
		5000K	735



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
5W	CRI>90	2700K	361
		3000K	372
		4000K	383
		5000K	395
	CRI>98	2700K	336
		3000K	346
		4000K	357
		5000K	367









EDGE
TRACK 48V



Product Color

White = 01 | Black = 02 | Gray = 03 | Special Color = 04

Technical Drawing / Short Arm



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Microprismatic diffuser with low UGR.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM

EDGE
TRACK 48V



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>90	2700K	1113
		3000K	1189
		4000K	1225
		5000K	1262
	CRI>98	2700K	1072
		3000K	1105
		4000K	1138
		5000K	1173



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>90	2700K	769
		3000K	793
		4000K	817
		5000K	841
	CRI>98	2700K	715
		3000K	737
		4000K	759
		5000K	782



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
5W	CRI>90	2700K	267
		3000K	275
		4000K	283
		5000K	292
	CRI>98	2700K	249
		3000K	255
		4000K	262
		5000K	271



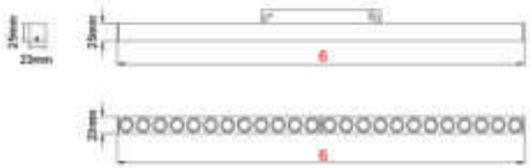
EDGE
TRACK 48V



Product Color



Technical Drawing



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Lens optic with spot, medium and oval beam angle options.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM

EDGE
TRACK 48V



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
15W	CRI>90	2700K	1215
		3000K	1253
		4000K	1290
		5000K	1328
	CRI>98	2700K	1130
		3000K	1163
		4000K	1200
		5000K	1234



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>90	2700K	810
		3000K	835
		4000K	860
		5000K	885
	CRI>98	2700K	753
		3000K	775
		4000K	800
		5000K	823



Edge Track 48V			
Power	CRI	Kelvin	Lümen T_c =50°
5W	CRI>90	2700K	405
		3000K	417
		4000K	430
		5000K	442
	CRI>98	2700K	376
		3000K	387
		4000K	400
		5000K	411











NANO 48V Tracklight



NANO family is now available in 48V low-voltage tracklights version in single and double on track versions.

48V Track system creates great flexibility in lighting and architectural design and creates possibility of endless combinations.

CRI>98 option together with different kelvin and beam angle variety, makes this family unique.

The light modules are easy to insert and remove from track. Its minimalistic dimensions helps to create aesthetic indoor environments.

Different accesories can be integrated to Pico 48V range and also various DIM options are available.

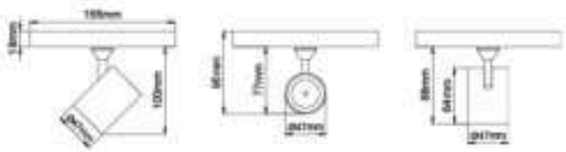
NANO 48V



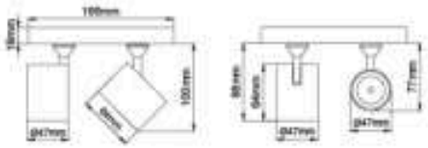
Product Color



Technical Drawing / Short Arm



Technical Drawing / Long Arm



- Die-cast aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control systems of Wireless DIM and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Medium, Flood and Wide Flood beam angle options.
- Up to 71lm/W efficiency.

NANO 48V



Nano 48V Short Arm			
Power	CRI	Kelvin	Lümen T_C =50°
10W	CRI>90	2700K	425
		3000K	436
		3500K	444
		4000K	464
		5000K	X
	CRI>98	2700K	327
		3000K	331
		4000K	352



Nano 48V Long Arm			
Power	CRI	Kelvin	Lümen T_C =50°
10W	CRI>90	2700K	850
		3000K	872
		3500K	888
		4000K	928
		5000K	X
	CRI>98	2700K	654
		3000K	662
		4000K	704





CYLITE PENDANT 48V



CYLITE family has several applications including 48V pendant in three different diameter and various lenght options to fit any ceiling height.

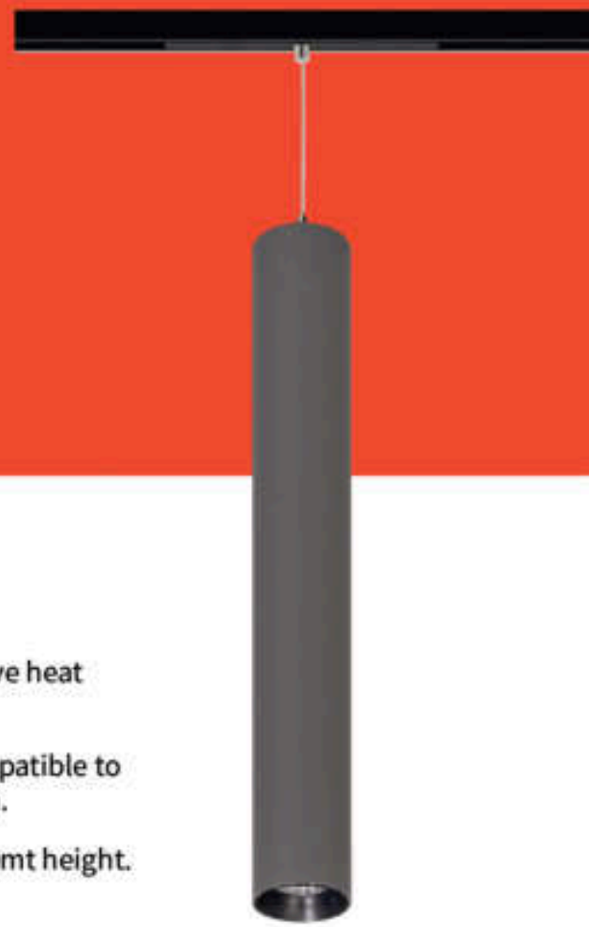
48V Track system creates great flexibility in lighting and architectural design and creates possibility of endless combinations.

CRI>98 option together with different kelvin and beam angle variety, makes this family unique.

The light modules are easy to insert and remove from track. Its minimalistic dimensions helps to create aesthetic indoor environments.

Different accesories can be integrated to Silindir 48V range and also various DIM options are available.

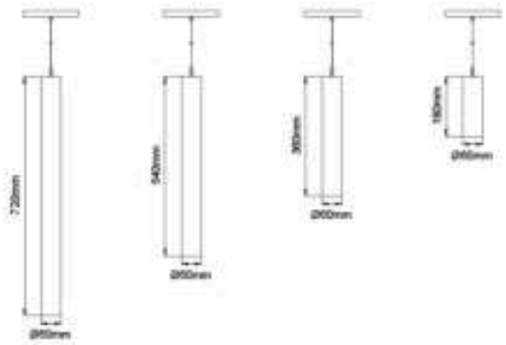
CYLITE PENDANT 60



Product Color



Technical Drawing



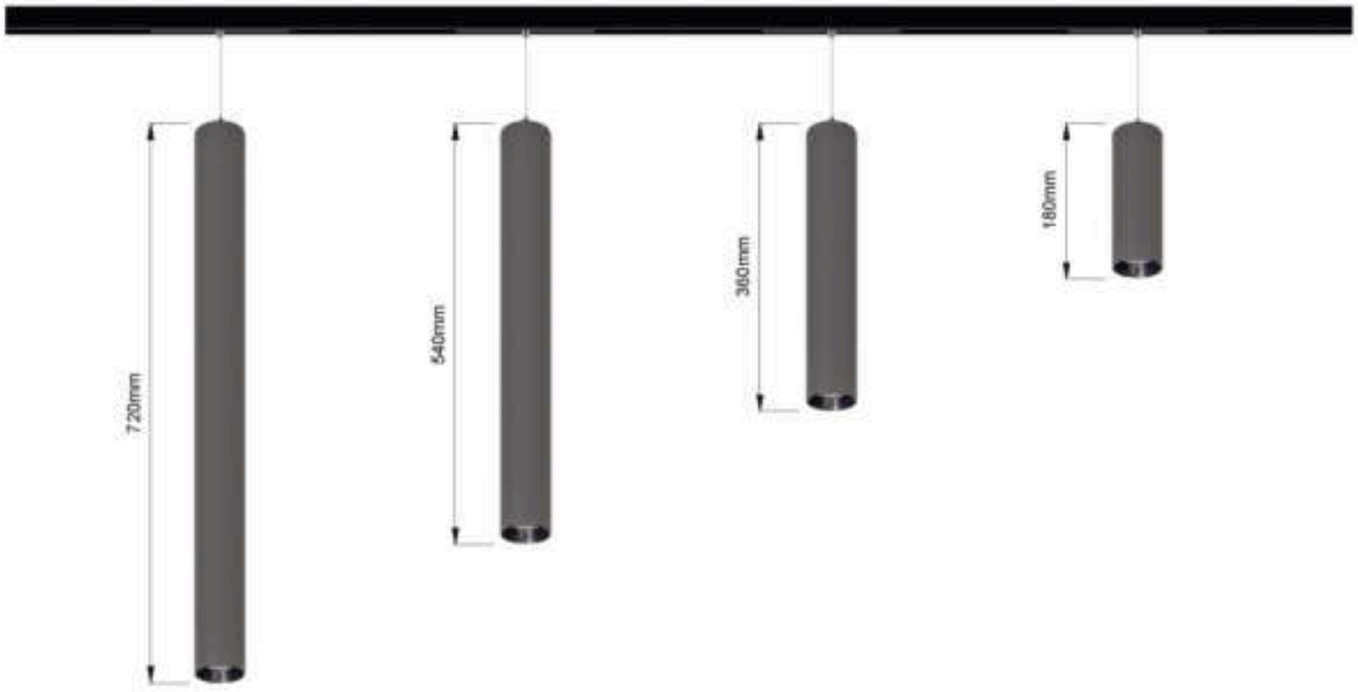
- Aluminium extruded body.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Steel suspension chain up to 5.00mt height.
- Clear safety glass.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control systems of Wireless White and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Medium, Flood and Wide Flood beam angle options.
- Up to 96lm/W efficiency.

CYLITE PENDANT 60

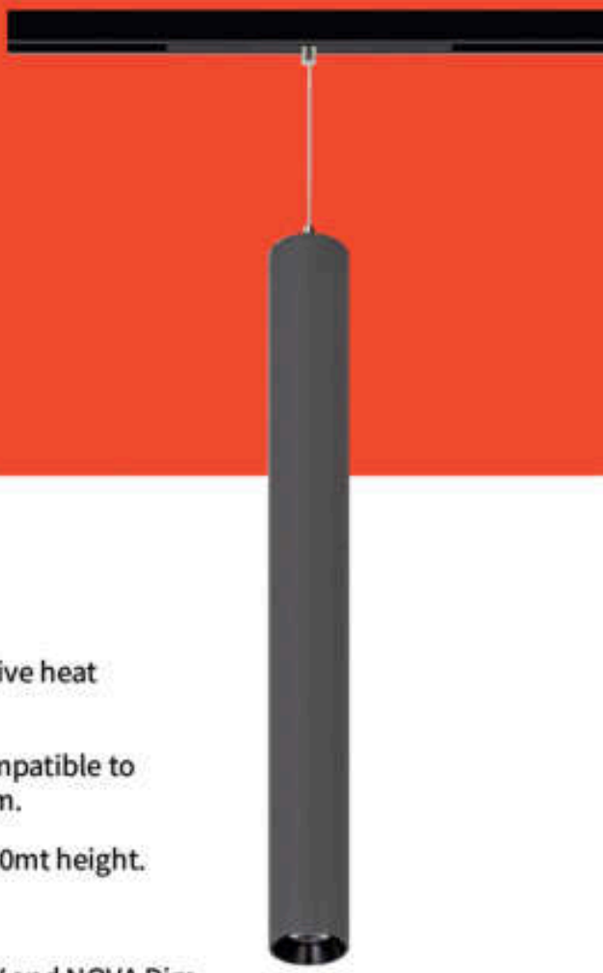


Cylite Pendant 60			
Power	**CRI**	**Kelvin**	**Lümen T_c =50°**
15W	CRI>90	2700K	14111
		3000K	1454
		3500K	1482
		4000K	1513
		5000K	X
	CRI>98	2700K	1087
		3000K	1120
		4000K	1164





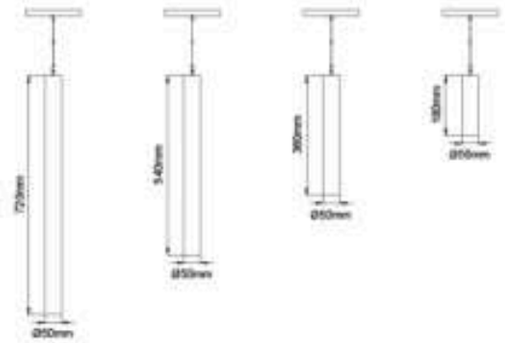
CYLITE PENDANT 50



Product Color



Technical Drawing



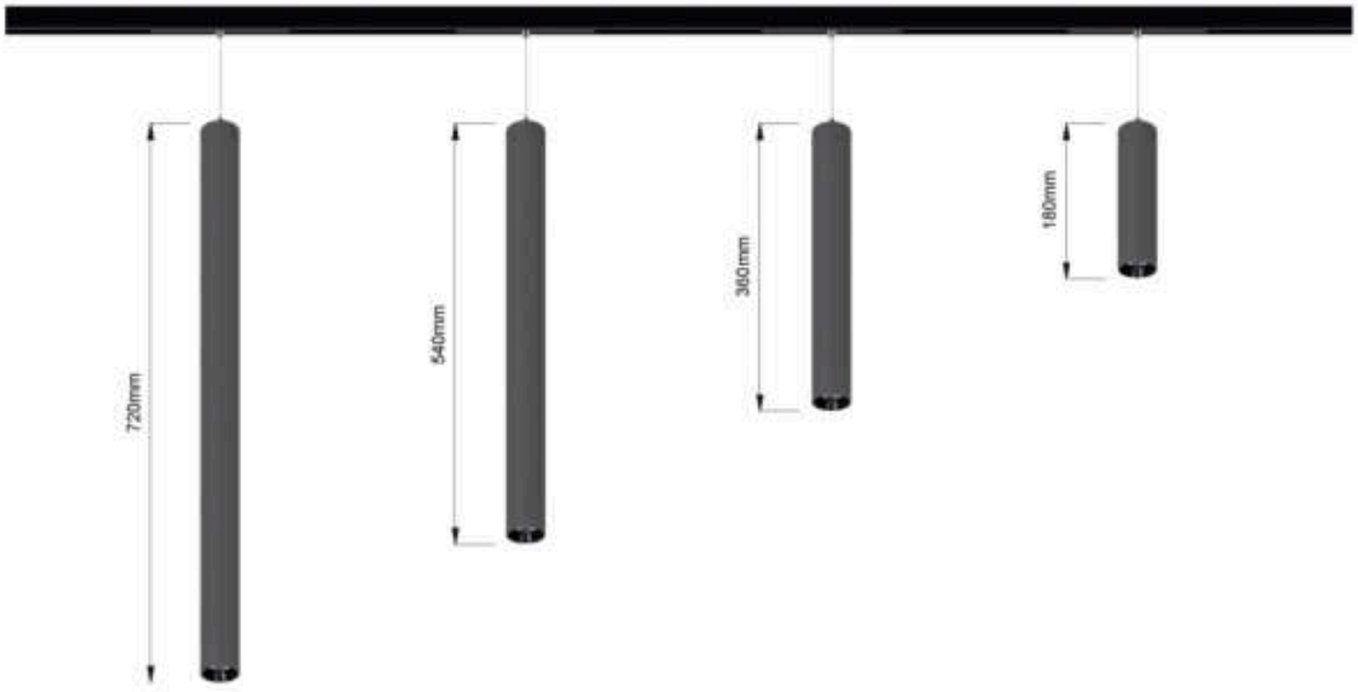
- Aluminium extruded body.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Steel suspension chain up to 5.00mt height.
- Clear safety glass.
- Classic dimming system of 1-10V and NOVA Dim options.
- High tech control systems of Wireless White and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Medium, Flood and Wide Flood beam angle options.
- Up to 98lm/W efficiency.

CYLITE PENDANT 50

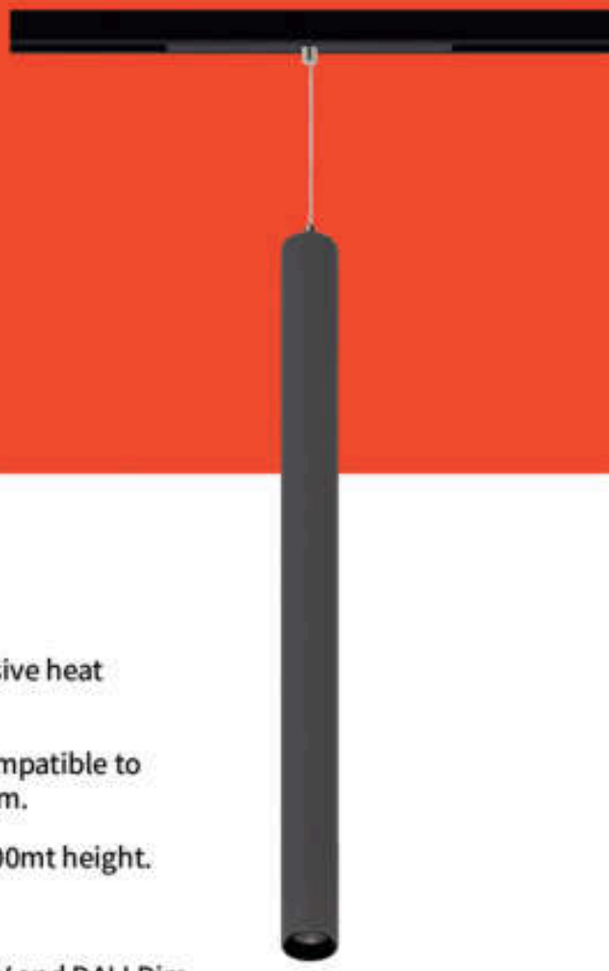


Cylite Pendant 50			
Power	**CRI**	**Kelvin**	**Lümen T_c =50°**
10W	CRI>90	2700K	930
		3000K	960
		3500K	980
		4000K	998
		5000K	X
	CRI>98	2700K	677
		3000K	697
		4000K	725





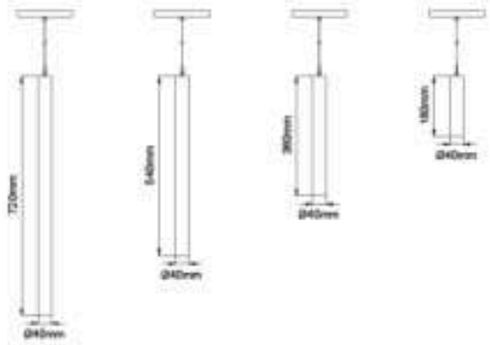
CYLITE PENDANT 40



Product Color



Technical Drawing



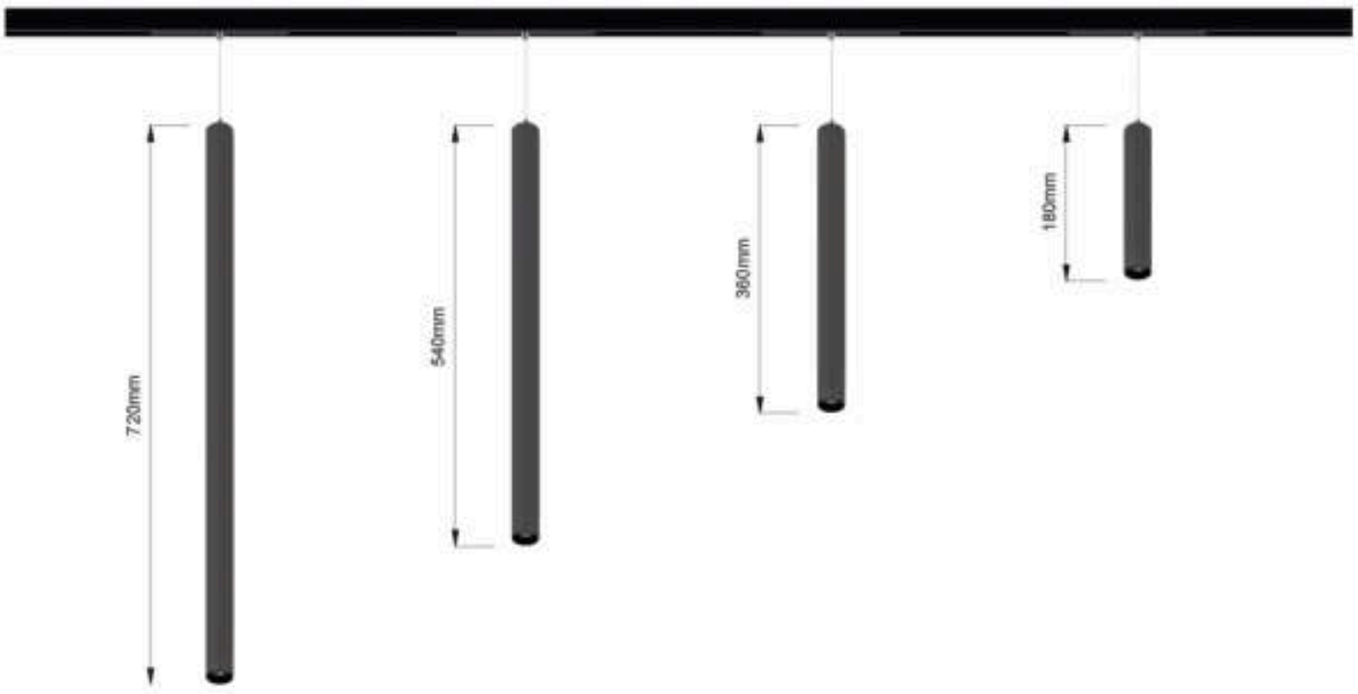
- Aluminium extruded body.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Steel suspension chain up to 5.00mt height.
- Clear safety glass.
- Classic dimming system of 1-10V and DALI Dim options.
- High tech control systems of Wireless White and Warm Dim.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter, Colour Filter, Antiglare Screen and Visor.
- Spot, Medium and Wide Flood beam angle options.
- Up to 71lm/W efficiency.

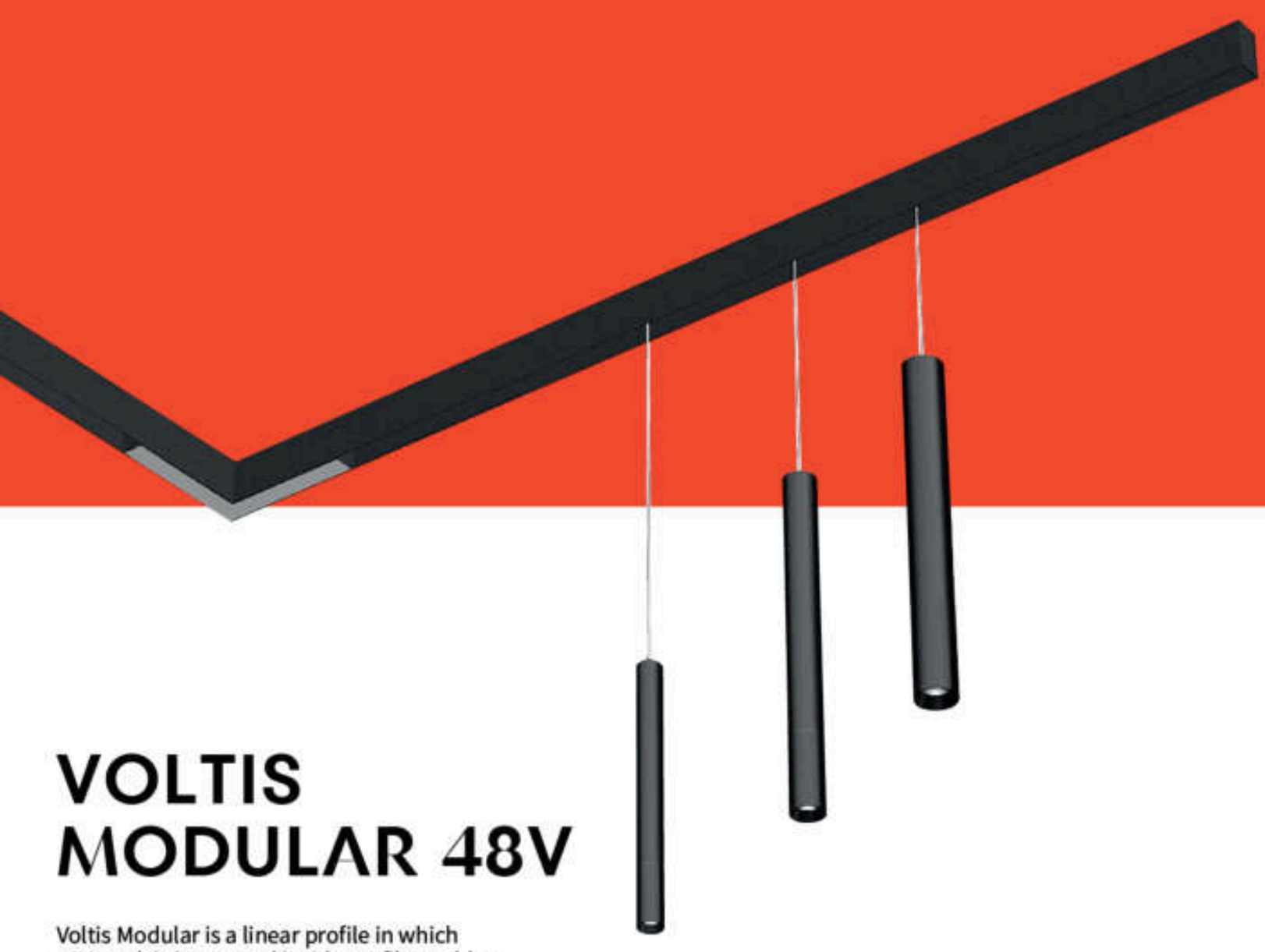
CYLITE PENDANT 40



Cylite Pendant 40			
Power	CRI	Kelvin	Lümen T_c =50°
5W	CRI>90	2700K	335
		3000K	342
		3500K	349
		4000K	356
		5000K	X
	CRI>98	2700K	258
		3000K	263
		4000K	274







VOLTIS MODULAR 48V

Voltis Modular is a linear profile in which 48V track is integrated inside profile enables flexibility of creating various lighting solutions.

Both tracklights and linear fixtures can be integrated to the profile.

Not only standart linear, but also L or U-shape configurations possible with any lenght option as per project requirements.



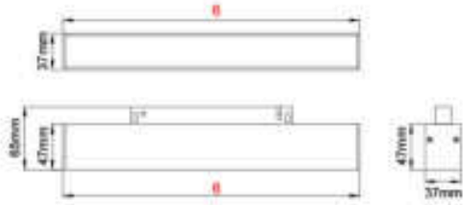
VOLTIS MODULAR 48V



Product Color



Technical Drawing / Short Arm



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Opal diffuser.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM

VOLTIS
MODULAR 48V



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
30W	CRI>80	2700K	2169
		3000K	2235
		4000K	2301
		5000K	2370
	CRI>90	2700K	2016
		3000K	2076
		4000K	2142
		5000K	2205



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
20W	CRI>80	2700K	1445
		3000K	1490
		4000K	1535
		5000K	1580
	CRI>90	2700K	1344
		3000K	1385
		4000K	1427
		5000K	1470



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>80	2700K	723
		3000K	745
		4000K	767
		5000K	790
	CRI>90	2700K	672
		3000K	692
		4000K	714
		5000K	735



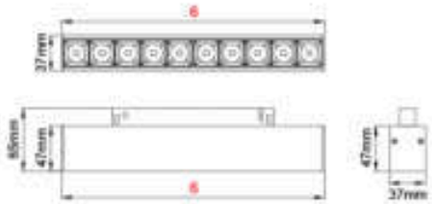
VOLTIS MODULAR 48V



Product Color



Technical Drawing



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Suitable for DALI DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM
- Medium, Flood and Wide Flood square frame beam angle options.
- Up to 115lm/W efficiency.

VOLTIS
MODULAR 48V



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
30W	CRI>80	2700K	2651
		3000K	2742
		4000K	2823
		5000K	2909
	CRI>90	2700K	2479
		3000K	2559
		4000K	2639
		5000K	2719



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
20W	CRI>80	2700K	1987
		3000K	2056
		4000K	2117
		5000K	2180
	CRI>90	2700K	1859
		3000K	1919
		4000K	1979
		5000K	2039



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
10W	CRI>80	2700K	1325
		3000K	1371
		4000K	1411
		5000K	1453
	CRI>90	2700K	1239
		3000K	1279
		4000K	1319
		5000K	1359

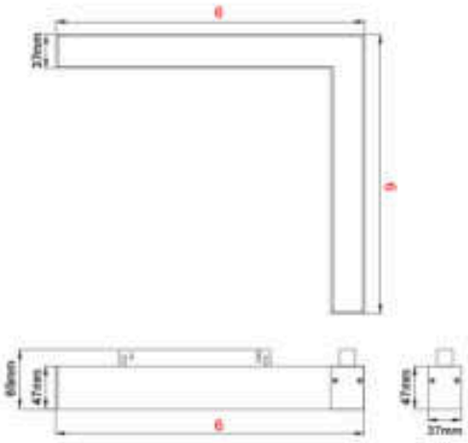


VOLTIS MODULAR 48V

Product Color

White= 01 | Black= 02 | Gray =03 | Special Color= 04

Technical Drawing



- Extruded aluminium body.
- 48V DC Voltage Input.
- Clever thermal design with passive heat dissipation.
- With DC/DC in-track adaptor compatible to Stucchi Low-Voltage track system.
- Opal diffuser.
- Suitable for NOVA DIM and 1-10V system.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- High CRI>90 and standart CRI>80 LED options available.
- High colour consistency: <3 SDCM

VOLTIS
MODULAR 48V



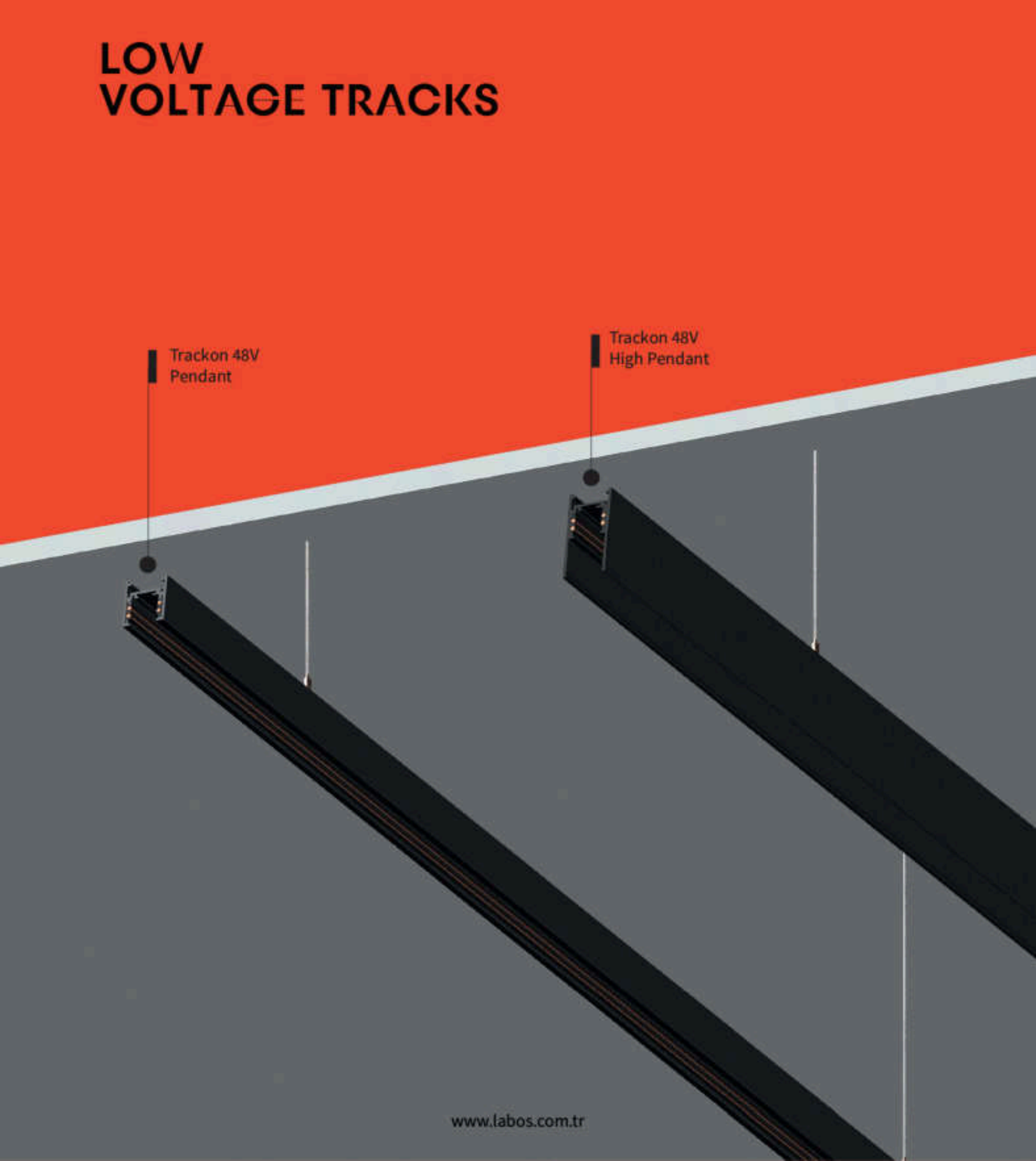
Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
30W	CRI>80	2700K	2890
		3000K	2980
		4000K	3070
		5000K	3160
	CRI>90	2700K	2688
		3000K	2770
		4000K	2854
		5000K	2940



Voltis Pendant 48V			
Power	CRI	Kelvin	Lümen T_c =50°
20W	CRI>80	2700K	1446
		3000K	1490
		4000K	1534
		5000K	1580
	CRI>90	2700K	1344
		3000K	1384
		4000K	1428
		5000K	1470



LOW VOLTAGE TRACKS



www.labos.com.tr

LOW VOLTAGE TRACKS



VECTRA
Recessed

VECTRA is a new generation downlight family of LABOS.
It has magnificent design that integrates >120lm/W efficiency at CRI>90 and UGR<19 at wide flood beam angle distribution.

This downlight family has five different size in which each size designed to fit also retrofit project requirements. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient anodized aluminium reflector and Lens optic combination makes VECTRA range efficient and enviroment friendly lighting solution.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Spot, Medium, Wide and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 145lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.
- High colour consistency: <3 SDCM

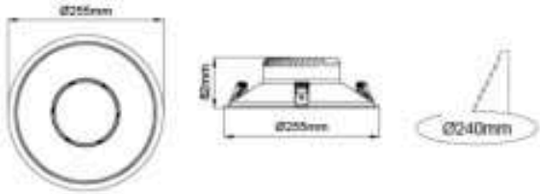


VECTRA MEGA



Product Color	Technical Drawing









Vectra Mega

Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2930
		3000K	2989
		3500K	3048
		4000K	3111
		5000K	3203
	CRI>90	2700K	2724
		3000K	2784
		3500K	2842
		4000K	2905
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







VECTRA MAXI



Product Color	Technical Drawing









Vectra Maxi			
Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2414
		3000K	2488
		3500K	2537
		4000K	2590
		5000K	2640
	CRI>90	2700K	2245
		3000K	2315
		3500K	2361
		4000K	2408
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

VECTRA MIDI



Product Color	Technical Drawing


White = 01

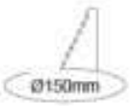

Black = 02


Gray = 03


Special Color = 04











Vectra Midi

Power	CRI	Kelvin	Lümen T_C =50°
14W	CRI>80	2700K	1724
		3000K	1727
		3500K	1741
		4000K	1758
		5000K	1772
	CRI>90	2700K	1603
		3000K	1618
		3500K	1623
		4000K	1641
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







VECTRA MINI



Product Color	Technical Drawing















Vectra Mini

Power	CRI	Kelvin	Lümen T_C =50°
9W	CRI>80	2700K	1724
		3000K	1727
		3500K	1741
		4000K	1758
		5000K	1772
	CRI>90	2700K	1603
		3000K	1618
		3500K	1623
		4000K	1641
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







VECTRA MICRO



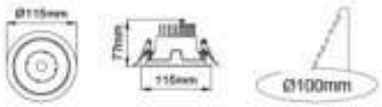
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Vectra Micro

Power	CRI	Kelvin	Lümen T_C =50°
6W	CRI>80	2700K	1092
		3000K	1102
		3500K	1115
		4000K	1126
		5000K	1131
	CRI>90	2700K	1014
		3000K	1025
		3500K	1039
		4000K	1051
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

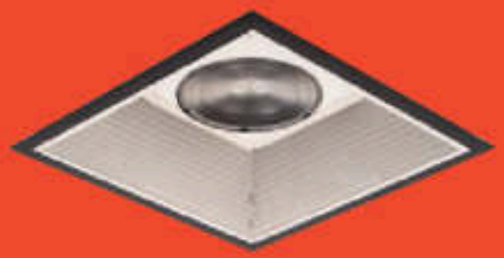
VECTRA
Recessed

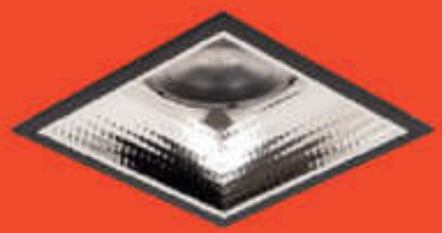
ARES is a new generation downlight family of VECTRA.
It has magnificent design that integrates >120lm/W efficiency at CRI>90 and UGR<19 at wide flood beam angle distribution.

This downlight family has five different size in which each size designed to fit also retrofit project requirements. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient anodized aluminium reflector and Lens optic combination makes VECTRA range efficient and enviroment friendly lighting solution.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Spot, Medium, Wide and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 145lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.



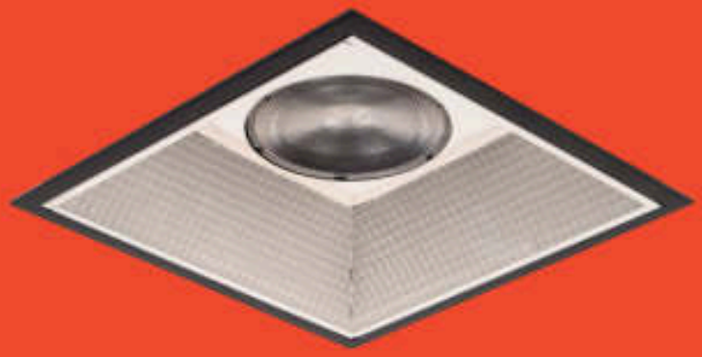








VECTRA MEGA



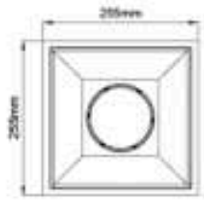
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03

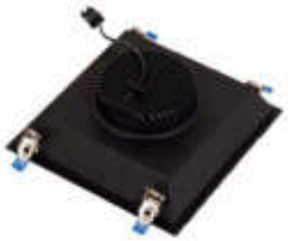

Special Color = 04











Vectra Mega

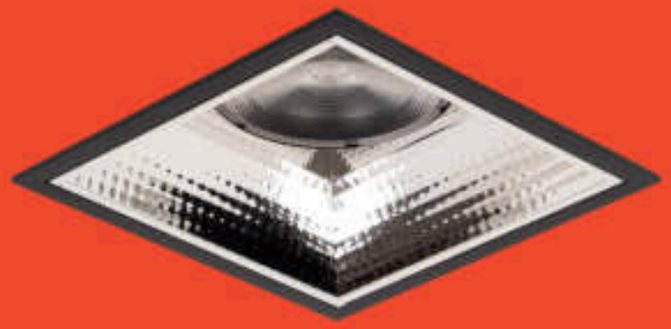
Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2930
		3000K	2989
		3500K	3048
		4000K	3111
		5000K	3203
	CRI>90	2700K	2724
		3000K	2784
		3500K	2842
		4000K	2905
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





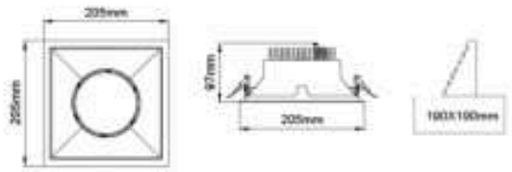


VECTRA MAXI



Product Color	Technical Drawing



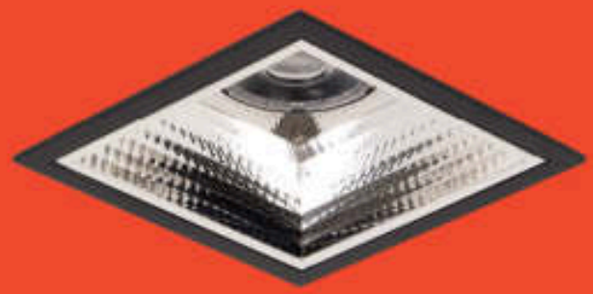






Vectra Maxi			
Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2414
		3000K	2488
		3500K	2537
		4000K	2590
		5000K	2640
	CRI>90	2700K	2245
		3000K	2315
		3500K	2361
		4000K	2408
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

VECTRA MIDI



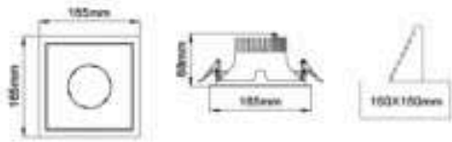
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Vectra Midi

Power	CRI	Kelvin	Lümen T_C =50°
14W	CRI>80	2700K	1724
		3000K	1727
		3500K	1741
		4000K	1758
		5000K	1772
	CRI>90	2700K	1603
		3000K	1618
		3500K	1623
		4000K	1641
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







VECTRA MINI



Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Vectra Mini

Power	CRI	Kelvin	Lümen T_C =50°
9W	CRI>80	2700K	1226
		3000K	1235
		3500K	1240
		4000K	1246
		5000K	1259
	CRI>90	2700K	1139
		3000K	1150
		3500K	1156
		4000K	1163
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







VECTRA MICRO



Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Vectra Micro

Power	CRI	Kelvin	Lümen T_C =50°
6W	CRI>80	2700K	1092
		3000K	1102
		3500K	1115
		4000K	1126
		5000K	1131
	CRI>90	2700K	1014
		3000K	1025
		3500K	1039
		4000K	1051
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







LUMIN
Recessed



LUMIN Recessed with four different size simplecylinder and a thin joint to adjust the optics. Available in the versions with round, single and double square recessed base frames. Versatility and design of Aram recessed make it perfect for accent lighting in commercial and residential areas.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes this range efficient and enviroment friendly lighting solution.



Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire. Optic of Lumin recessed is retracted from surface makes this range excellent visual comfort.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.



- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

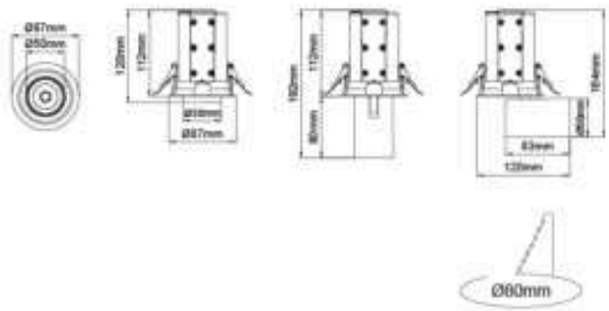


LUMIN MICRO



Product Color	Technical Drawing









Lumin Micro

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	802
		3000K	827
		3500K	844
		4000K	860
		5000K	878
	CRI>90	2700K	746
		3000K	769
		3500K	785
		4000K	800
		5000K	X
	CRI>98	2700K	575
		3000K	592
		4000K	616







LUMIN MICRO



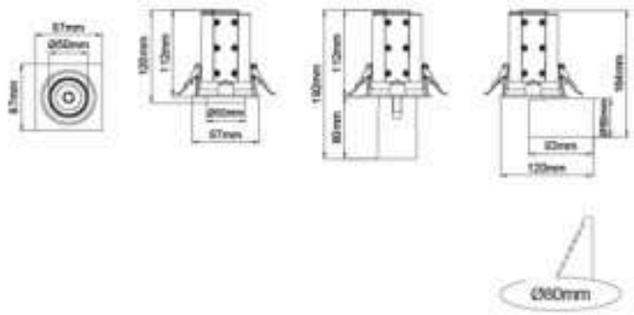
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Lumin Micro

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	802
		3000K	827
		3500K	844
		4000K	860
		5000K	878
	CRI>90	2700K	746
		3000K	769
		3500K	785
		4000K	800
		5000K	X
	CRI>98	2700K	575
		3000K	592
		4000K	616







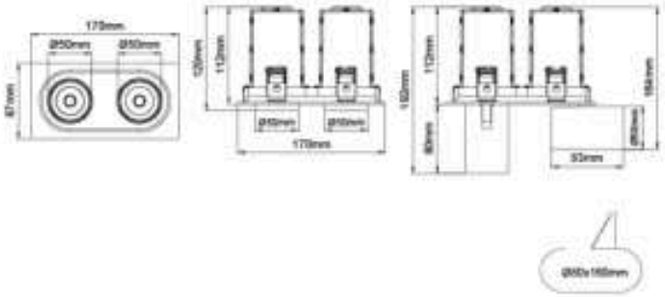
LUMIN MICRO



Product Color



Technical Drawing







Lumin Micro

Power	CRI	Kelvin	Lümen T_C =50°
2x7W	CRI>80	2700K	1604
		3000K	1654
		3500K	1688
		4000K	1720
		5000K	1756
	CRI>90	2700K	1492
		3000K	1538
		3500K	1570
		4000K	1600
		5000K	X
	CRI>98	2700K	1150
		3000K	1184
		4000K	1232

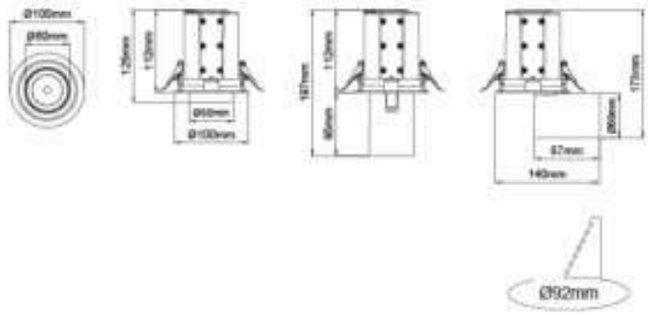
LUMIN MINI



Product Color



Technical Drawing







Lumin Mini

Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1408
		3000K	1451
		3500K	1480
		4000K	1510
		5000K	1540
	CRI>90	2700K	1310
		3000K	1350
		3500K	1376
		4000K	1404
		5000K	X
	CRI>98	2700K	1009
		3000K	1040
		4000K	1081

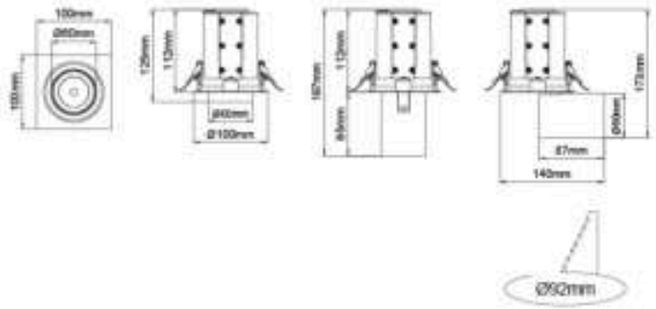
LUMIN MINI



Product Color



Technical Drawing







Lumin Mini

Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1408
		3000K	1451
		3500K	1480
		4000K	1510
		5000K	1540
	CRI>90	2700K	1310
		3000K	1350
		3500K	1376
		4000K	1404
		5000K	X
	CRI>98	2700K	1009
		3000K	1040
		4000K	1081







LUMIN MINI



Product Color	Technical Drawing









Lumin Mini

Power	CRI	Kelvin	Lümen T_C =50°
2x15W	CRI>80	2700K	2816
		3000K	2902
		3500K	2960
		4000K	3020
		5000K	3080
	CRI>90	2700K	2620
		3000K	2700
		3500K	2752
		4000K	2808
		5000K	X
	CRI>98	2700K	2018
		3000K	2080
		4000K	2162







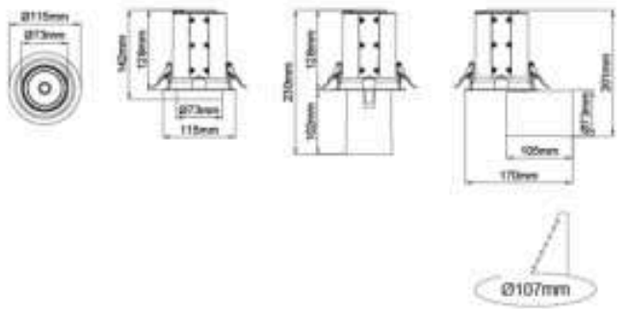
LUMIN MIDI



Product Color



Technical Drawing







Lumin Mini

Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2462
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869







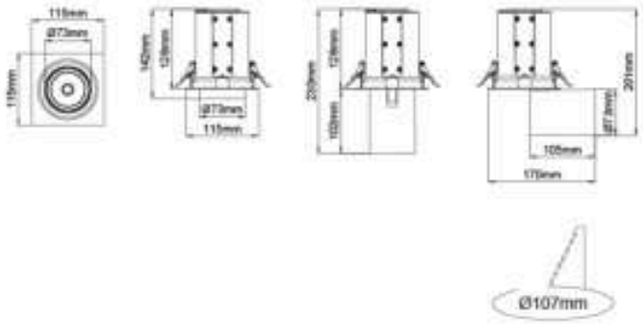
LUMIN MIDI



Product Color



Technical Drawing







Lumin Midi

Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2462
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869

LUMIN MIDI



Product Color	Technical Drawing









Lumin Mini

Power	CRI	Kelvin	Lümen T_C =50°
2x20W	CRI>80	2700K	4864
		3000K	5014
		3500K	5114
		4000K	5218
		5000K	5320
	CRI>90	2700K	4524
		3000K	4664
		3500K	4758
		4000K	4924
		5000K	X
	CRI>98	2700K	3482
		3000K	3592
		4000K	3738







LUMIN MAXI



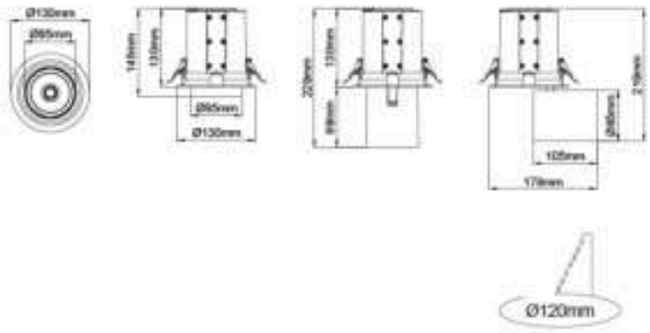
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Lumin Maxi

Power	CRI	Kelvin	Lümen T_C =50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563





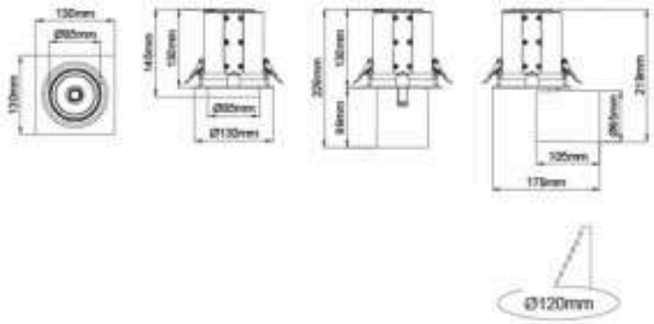


LUMIN MAXI



Product Color	Technical Drawing









Lumin Maxi

Power	CRI	Kelvin	Lümen T_C =50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563





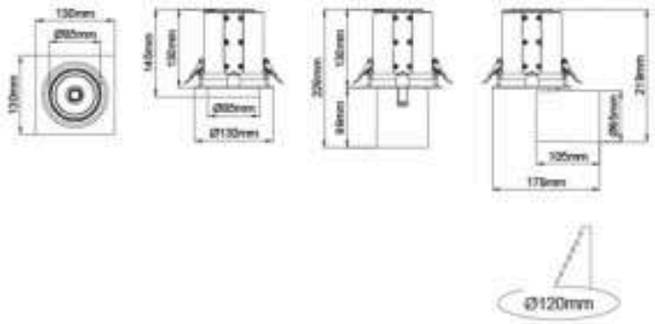


LUMIN MAXI



Product Color	Technical Drawing









Lumin Maxi

Power	CRI	Kelvin	Lümen T_C =50°
2x28W	CRI>80	2700K	6294
		3000K	6572
		3500K	6648
		4000K	6904
		5000K	7380
	CRI>90	2700K	5094
		3000K	5624
		3500K	5778
		4000K	5840
		5000K	X
	CRI>98	2700K	4780
		3000K	4928
		4000K	5126







STRIX
Recessed



STRIX Led spotlight range has various light distributions to meet all lighting requirements in the retail sector.

Thanks to its 90° degree vertically adjustable mechanism, permits pinpointed illumination of high-level decorations up far as the point where the wall meets the ceiling.



Practical ceiling clips enables easy installation on site. Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes STRIX range efficient and enviroment friendly lighting solution. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 140lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.



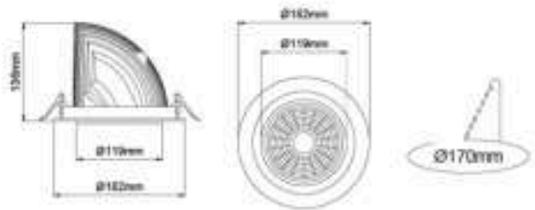


STRIX



Product Color	Technical Drawing









Strix

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





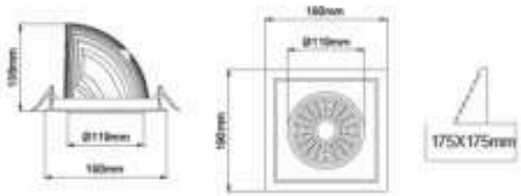


STRIX



Product Color	Technical Drawing









Strix

Power	CRI	Kelvin	Lümen T_c=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





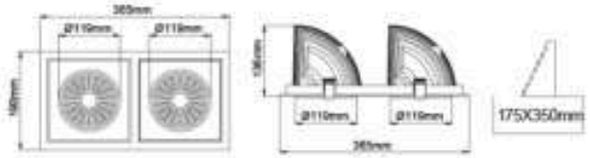


STRIX



Product Color	Technical Drawing









Strix			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
2x42W	CRI>80	2700K	9682
		3000K	9928
		3500K	10272
		4000K	10624
		5000K	11376
	CRI>90	2700K	7446
		3000K	8714
		3500K	8937
		4000K	9244
		5000K	X
	CRI>98	2700K	7818
		3000K	8082
		4000K	8640
	Meat / COB	1800K	5836
	Food / COB	2400K	6008
	FISH / COB	6600K	7930







STRIX
MIDI



Product Color	Technical Drawing









Strix Midi			
Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3759
		3000K	3911
		3500K	4048
		4000K	4190
		5000K	4483
	CRI>90	2700K	3383
		3000K	3467
		3500K	3589
		4000K	3715
		5000K	X
	CRI>98	2700K	2680
		3000K	2795
		4000K	2990
	Meat / COB	1800K	2164
	Food / COB	2400K	2227
	FISH / COB	6600K	2945





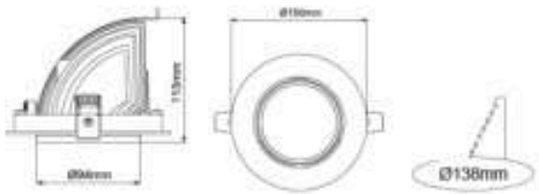


STRIX MINI



Product Color	Technical Drawing









Strix Mini			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905





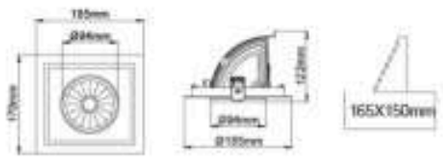


STRIX MINI



Product Color	Technical Drawing









Strix Mini

Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905





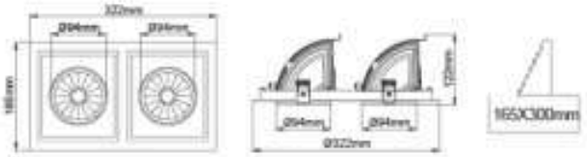


STRIX MINI



Product Color	Technical Drawing









Strix Mini			
Power	CRI	Kelvin	Lümen T_C=50°
2x28W	CRI>80	2700K	6810
		3000K	7112
		3500K	7192
		4000K	7470
		5000K	7986
	CRI>90	2700K	5512
		3000K	6088
		3500K	6250
		4000K	6320
		5000K	X
	CRI>98	2700K	4918
		3000K	5128
		4000K	5486
	Meat / COB	1800K	4050
	Food / COB	2400K	4226
	FISH / COB	6600K	5810





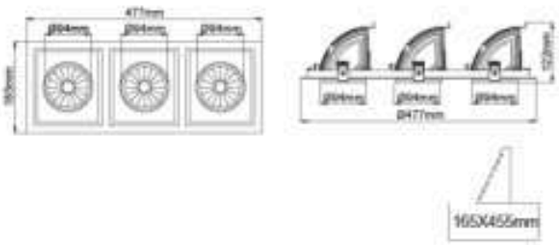


STRIX MINI



Product Color	Technical Drawing









Strix Mini			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
3x28W	CRI>80	2700K	10215
		3000K	10668
		3500K	10778
		4000K	11205
		5000K	11979
	CRI>90	2700K	8268
		3000K	9132
		3500K	9375
		4000K	9480
		5000K	X
	CRI>98	2700K	7377
		3000K	7692
		4000K	8229
	Meat / COB	1800K	6156
	Food / COB	2400K	6339
	FISH / COB	6600K	8715







STRIX MICRO



Product Color	Technical Drawing









Strix Micro

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1477
		3000K	1523
		3500K	1553
		4000K	1599
		5000K	1660
	CRI>90	2700K	1340
		3000K	1370
		3500K	1416
		4000K	1462
		5000K	X
	CRI>98	2700K	1019
		3000K	1058
		4000K	1180
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







DRACON
Recessed

We are optionally able to control CCT of the Dracon Recessed range with switch available on the LED Driver with 3000K, 4000K and 5000K light output from same downlight.

LABOS can apply Tunable White control to its DRACON recessed spotlight system. Via smart phone or bluetooth switch, individual control or grouping selections possible. Complex solutions can be easily performed.

Labos offers wireless DIM control on its DRACON recessed spotlight range that provides easy control and saves time on wiring during installation.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 140lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.





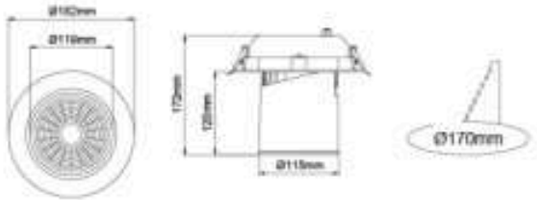


DRACON



Product Color	Technical Drawing









Dracon

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965







DRACON MINI



Product Color	Technical Drawing







Dracon Mini

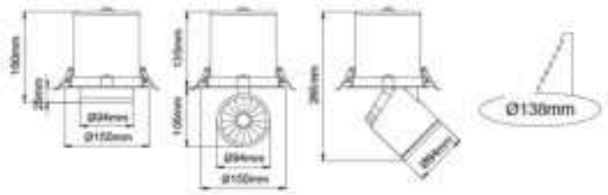
Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat / COB	1800K	2279
	Food / COB	2400K	2345
	FISH / COB	6600K	3100

DRACON MINI



Product Color	Technical Drawing







Dracon Mini

Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3611
		3000K	3807
		3500K	3860
		4000K	4009
		5000K	4285
	CRI>90	2700K	3319
		3000K	3270
		3500K	3355
		4000K	3379
		5000K	X
	CRI>98	2700K	2728
		3000K	2845
		4000K	3043
	Meat / COB	1800K	2279
	Food / COB	2400K	2345
	FISH / COB	6600K	3100



BOSPHOR Recessed

BOSPHOR spotlight range has various light distributions to meet all lighting requirements in the retail sector. Thanks to its 90° degree vertically adjustable mechanism, permits pinpointed illumination of high-level decorations up far as the point where the wall meets the ceiling.

Practical ceiling clips enables easy installation on site. Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes BOSPHOR range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

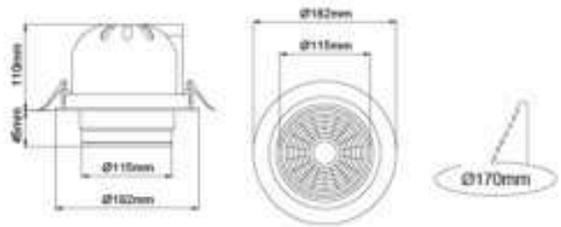
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 90° rotation on vertical and 350° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA , 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 137lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

BOSPHOR



Product Color	Technical Drawing









Bosphor

Power	CRI	Kelvin	Lümen T_C=50°
35W	CRI>80	2700K	4126
		3000K	4239
		3500K	4377
		4000K	4529
		5000K	4846
	CRI>90	2700K	3708
		3000K	3800
		3500K	3932
		4000K	4208
		5000K	X
	CRI>98	2700K	3083
		3000K	3195
		4000K	3418
	Meat / COB	1800K	2662
	Food / COB	2400K	2744
	FISH / COB	6600K	3629





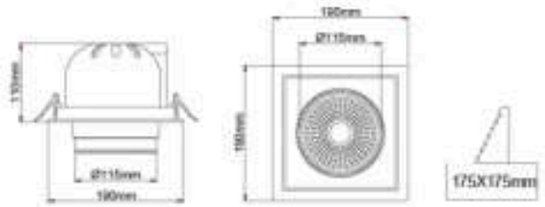


BOSPHOR



Product Color	Technical Drawing









Bosphor

Power	CRI	Kelvin	Lümen T_C=50°
35W	CRI>80	2700K	4126
		3000K	4239
		3500K	4377
		4000K	4529
		5000K	4846
	CRI>90	2700K	3708
		3000K	3800
		3500K	3932
		4000K	4208
		5000K	X
	CRI>98	2700K	3083
		3000K	3195
		4000K	3418
	Meat / COB	1800K	2662
	Food / COB	2400K	2744
	FISH / COB	6600K	3629





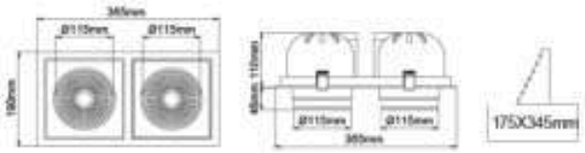


BOSPHOR



Product Color	Technical Drawing









Bosphor			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
2x35W	CRI>80	2700K	8252
		3000K	4874
		3500K	8754
		4000K	9058
		5000K	9692
	CRI>90	2700K	7416
		3000K	7600
		3500K	7864
		4000K	8416
		5000K	X
	CRI>98	2700K	6166
		3000K	6390
		4000K	6836
	Meat / COB	1800K	5324
	Food / COB	2400K	5488
	FISH / COB	6600K	7258











INARON Recessed

INARON have been designed for three main different applications with three different reflector solutions.

First, with half batwing reflector, the homogenous illumination of vertical surfaces are possible. LED wallwashers create a soft, diffuselight distribution that are completely dazzle-freeand can therefore also be fitted close to walls without producing bad reflections on the surface. In addition to wall washing, the luminaires are also perfect for illuminating large objects almost flush with the ceiling.

Second, with batwing reflector, light distribution is homogenously distributed into two sides. This effect is very widely preferred especially in shelf lighting with minimum glare in supermarkets.

Third, with oval reflector, light is distributed evenly to a wide area with highest possible efficiency. Minimum number of spotlights with maximum lumen output is possible with this application if even light distribution is required.

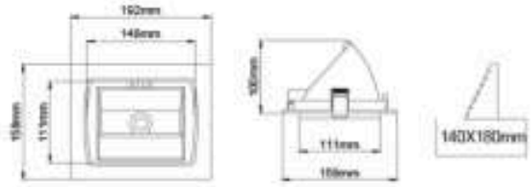
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 60° rotation on vertical and 0° angle on horizontal axis with mechanical aiming lock.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Half Batwing, Batwing and Wide Flood, reflector versions available.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 127lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

INARON



Product Color	Technical Drawing









Inaron

Power	CRI	Kelvin	Lümen T_c=50°
42W	CRI>80	2700K	4872
		3000K	4993
		3500K	5168
		4000K	5349
		5000K	5670
	CRI>90	2700K	4384
		3000K	4493
		3500K	4651
		4000K	4814
		5000K	X
	CRI>98	2700K	3368
		3000K	3491
		4000K	3668
	Meat / COB	1800K	2585
	Food / COB	2400K	2865
	FISH / COB	6600K	3781





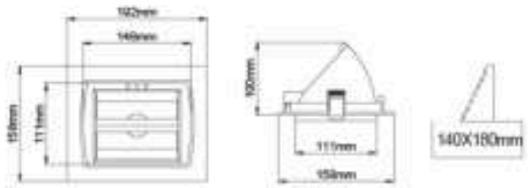


INARON



Product Color	Technical Drawing









Inaron

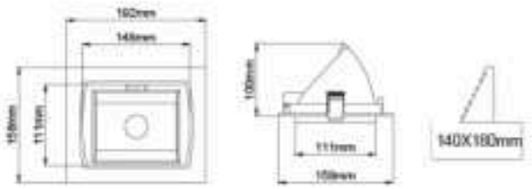
Power	CRI	Kelvin	Lümen T_c=50°
42W	CRI>80	2700K	4608
		3000K	4723
		3500K	4888
		4000K	5060
		5000K	5363
	CRI>90	2700K	4147
		3000K	4250
		3500K	4399
		4000K	4554
		5000K	X
	CRI>98	2700K	3187
		3000K	3303
		4000K	3468
	Meat / COB	1800K	2445
	Food / COB	2400K	2710
	FISH / COB	6600K	3576

INARON



Product Color	Technical Drawing









Inaron

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4723
		3000K	4841
		3500K	5010
		4000K	5156
		5000K	5497
	CRI>90	2700K	4250
		3000K	4356
		3500K	4508
		4000K	4667
		5000K	X
	CRI>98	2700K	3265
		3000K	3384
		4000K	3553
	Meat / COB	1800K	2506
	Food / COB	2400K	2777
	FISH / COB	6600K	3665









MANNORE Recessed

MANNORE has extraordinarily high light effectiveness. Efficient output up to 5500lm output. Various light distributions in single, double and triple gimbal versions available to meet all lighting requirements in the retail sector. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes MANNORE range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

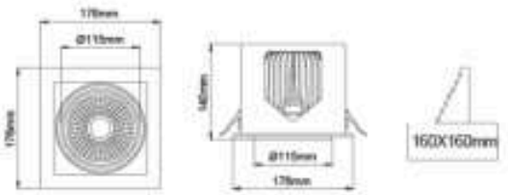
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 30° rotation on vertical and 30° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 140lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

MANNORE



Product Color	Technical Drawing









Mannore

Power	CRI	Kelvin	Lümen T_c=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





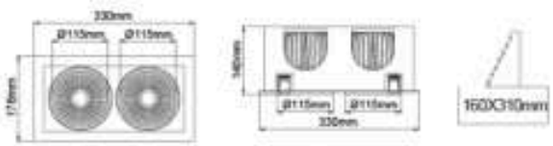


MANNORE



Product Color	Technical Drawing









Mannore			
Power	CRI	Kelvin	Lümen T_c=50°
2x42W	CRI>80	2700K	9682
		3000K	9928
		3500K	10272
		4000K	10624
		5000K	11376
	CRI>90	2700K	7446
		3000K	8714
		3500K	8937
		4000K	9244
		5000K	X
	CRI>98	2700K	7818
		3000K	8082
		4000K	8640
	Meat / COB	1800K	5836
	Food / COB	2400K	6008
	FISH / COB	6600K	7930





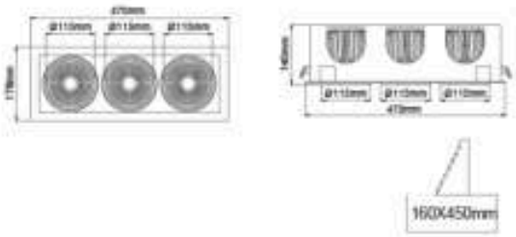


MANNORE



Product Color	Technical Drawing









Mannore

Power	CRI	Kelvin	Lümen T_C=50°
3x42W	CRI>80	2700K	14523
		3000K	14892
		3500K	15408
		4000K	15936
		5000K	17064
	CRI>90	2700K	11178
		3000K	13071
		3500K	13401
		4000K	13866
		5000K	X
	CRI>98	2700K	11727
		3000K	12123
		4000K	12960
	Meat / COB	1800K	8754
	Food / COB	2400K	9012
	FISH / COB	6600K	11895







MANNORE MINI



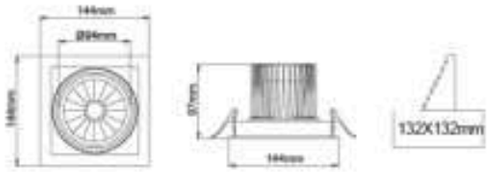
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Mannore Mini			
Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905





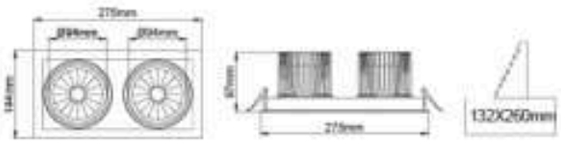


MANNORE MINI



Product Color	Technical Drawing









Mannore Mini

Power	CRI	Kelvin	Lümen T_c=50°
2x28W	CRI>80	2700K	6810
		3000K	7112
		3500K	7192
		4000K	7470
		5000K	7986
	CRI>90	2700K	5512
		3000K	6088
		3500K	6250
		4000K	6320
		5000K	X
	CRI>98	2700K	4918
		3000K	5128
		4000K	5486
	Meat / COB	1800K	4050
	Food / COB	2400K	4226
	FISH / COB	6600K	5810





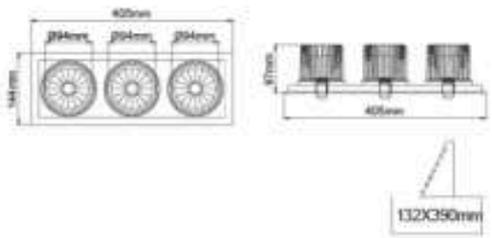


MANNORE MINI



Product Color	Technical Drawing









Mannore Mini

Power	CRI	Kelvin	Lümen T_c=50°
3x28W	CRI>80	2700K	10215
		3000K	10668
		3500K	10778
		4000K	11205
		5000K	11979
	CRI>90	2700K	8268
		3000K	9132
		3500K	9375
		4000K	9480
		5000K	X
	CRI>98	2700K	7377
		3000K	7692
		4000K	8229
	Meat / COB	1800K	6156
	Food / COB	2400K	6339
	FISH / COB	6600K	8715









MOFX Recessed

MOFX has extraordinarily high light effectiveness. Efficient output up to 5500lm output. Various light distributions in single, double and triple gimbal versions available to meet all lighting requirements in the retail sector. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes MOFX range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

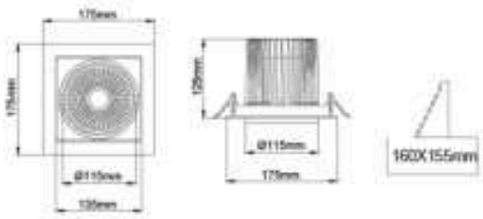
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 30° rotation on vertical and 30° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 140lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

MOFX



Product Color	Technical Drawing









Mofx			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





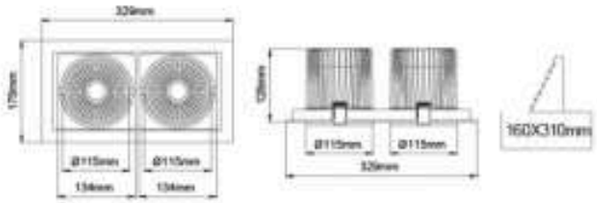


MOFX

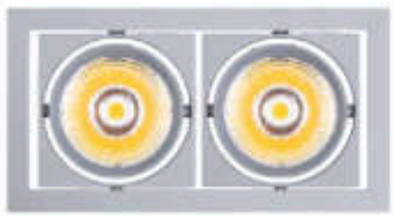


Product Color	Technical Drawing









Mofx			
Power	CRI	Kelvin	Lümen T_c=50°
2x42W	CRI>80	2700K	9682
		3000K	9928
		3500K	10272
		4000K	10624
		5000K	11376
	CRI>90	2700K	7446
		3000K	8714
		3500K	8937
		4000K	9244
		5000K	X
	CRI>98	2700K	7818
		3000K	8082
		4000K	8640
	Meat / COB	1800K	5836
	Food / COB	2400K	6008
	FISH / COB	6600K	7930





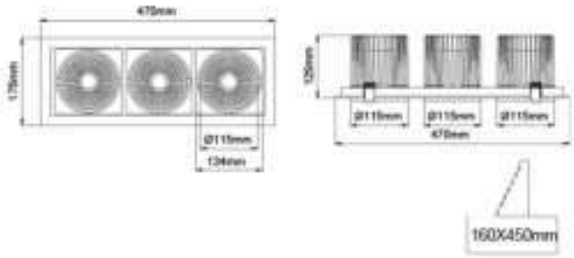


MOFX

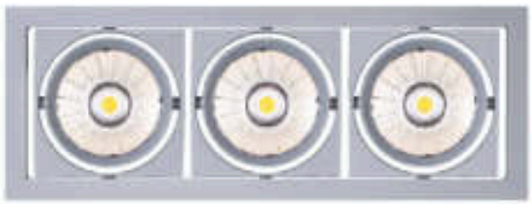


Product Color	Technical Drawing









Mofx

Power	CRI	Kelvin	Lümen T_C=50°
3x42W	CRI>80	2700K	14523
		3000K	14892
		3500K	15408
		4000K	15936
		5000K	17064
	CRI>90	2700K	11178
		3000K	13071
		3500K	13401
		4000K	13866
		5000K	X
	CRI>98	2700K	11727
		3000K	12123
		4000K	12960
	Meat / COB	1800K	8754
	Food / COB	2400K	9012
	FISH / COB	6600K	11895





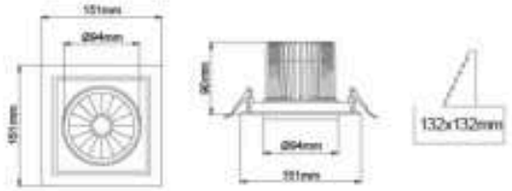


MOFX MINI



Product Color	Technical Drawing









Mofx Mini

Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905





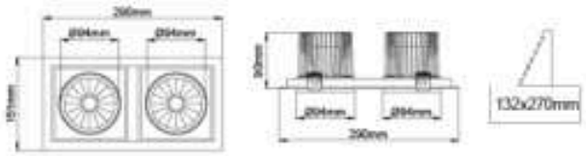


MOFX MINI



Product Color	Technical Drawing









Mofx Mini

Power	CRI	Kelvin	Lümen T_c=50°
2x28W	CRI>80	2700K	6810
		3000K	7112
		3500K	7192
		4000K	7470
		5000K	7986
	CRI>90	2700K	5512
		3000K	6088
		3500K	6250
		4000K	6320
		5000K	X
	CRI>98	2700K	4918
		3000K	5128
		4000K	5486
	Meat / COB	1800K	4050
	Food / COB	2400K	4226
	FISH / COB	6600K	5810





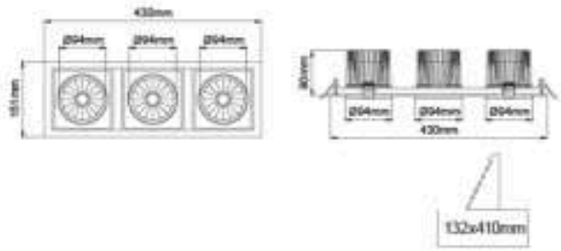


MOFX MINI



Product Color	Technical Drawing









Mofx Mini

Power	CRI	Kelvin	Lümen T_c=50°
3x28W	CRI>80	2700K	10215
		3000K	10668
		3500K	10778
		4000K	11205
		5000K	11979
	CRI>90	2700K	8268
		3000K	9132
		3500K	9375
		4000K	9480
		5000K	X
	CRI>98	2700K	7377
		3000K	7692
		4000K	8229
	Meat / COB	1800K	6156
	Food / COB	2400K	6339
	FISH / COB	6600K	8715





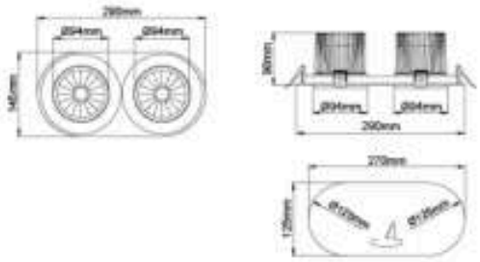


MOFX MINI



Product Color	Technical Drawing









Mofx Mini

Power	CRI	Kelvin	Lümen T_C=50°
2x28W	CRI>80	2700K	6810
		3000K	7112
		3500K	7192
		4000K	7470
		5000K	7986
	CRI>90	2700K	5512
		3000K	6088
		3500K	6250
		4000K	6320
		5000K	X
	CRI>98	2700K	4918
		3000K	5128
		4000K	5486
	Meat / COB	1800K	4050
	Food / COB	2400K	4226
	FISH / COB	6600K	5810









MOFX LC Recessed

MOFX LC has extraordinarily high light effectiveness. Efficient output up to 5500lm output. Various light distributions in single, double and triple gimbal versions available to meet all lighting requirements in the retail sector. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes MOFX LC range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

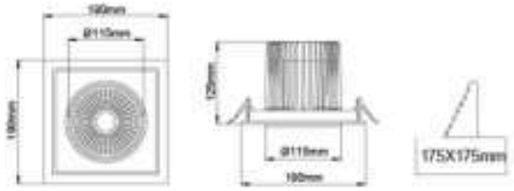
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 30° rotation on vertical and 30° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

MOFX LC



Product Color	Technical Drawing









Mofx LC

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





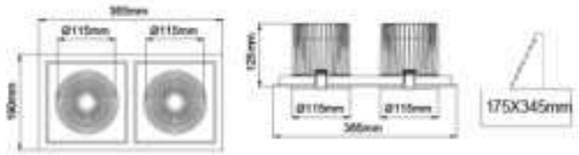


MOFX LC



Product Color	Technical Drawing









Mofx LC

Power	CRI	Kelvin	Lümen T_C=50°
2x42W	CRI>80	2700K	9682
		3000K	9928
		3500K	10272
		4000K	10624
		5000K	11376
	CRI>90	2700K	7446
		3000K	8714
		3500K	8937
		4000K	9244
		5000K	X
	CRI>98	2700K	7818
		3000K	8082
		4000K	8640
	Meat / COB	1800K	5836
	Food / COB	2400K	6008
	FISH / COB	6600K	7930





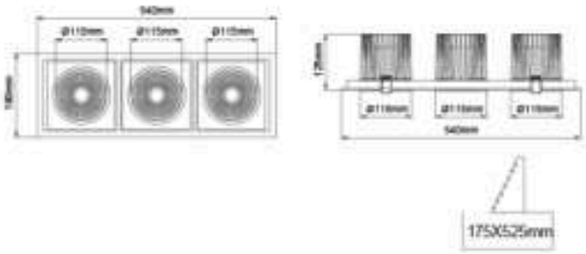


MOFX LC



Product Color	Technical Drawing









Mofx LC

Power	CRI	Kelvin	Lümen T_C=50°
3x42W	CRI>80	2700K	14523
		3000K	14892
		3500K	15408
		4000K	15936
		5000K	17064
	CRI>90	2700K	11178
		3000K	13071
		3500K	13401
		4000K	13866
		5000K	X
	CRI>98	2700K	11727
		3000K	12123
		4000K	12960
	Meat / COB	1800K	8754
	Food / COB	2400K	9012
	FISH / COB	6600K	11895









PHOTRAN Recessed

PHOTRAN has extraordinarily high light effectiveness. Efficient output up to 7000lm output. Various light distributions in single, double and triple gimbal versions available to meet all lighting requirements in the retail sector. Practical ceiling clips enables easy installation on site. Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes this range efficient and enviroment friendly lighting solution.

PHOTRAN is widely chosen especially for the applications in which extra high brightness is necessary such as storefronts, high ceiling height spaces etc.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

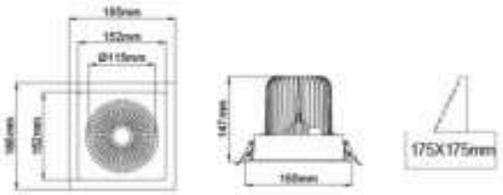
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 30° rotation on vertical and 30° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 1444lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

PHOTRAN



Product Color	Technical Drawing









Photran

Power	CRI	Kelvin	Lümen T_c=50°
48W	CRI>80	2700K	5511
		3000K	5647
		3500K	5845
		4000K	6050
		5000K	6473
	CRI>90	2700K	4958
		3000K	5082
		3500K	5200
		4000K	5444
		5000K	X
	CRI>98	2700K	4229
		3000K	4382
		4000K	4688
	Meat / COB	1800K	3362
	Food / COB	2400K	3475
	FISH / COB	6600K	4595





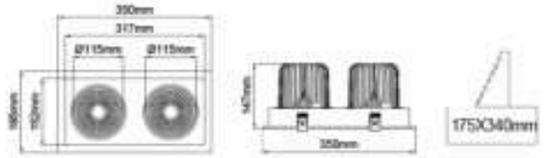


PHOTRAN



Product Color	Technical Drawing









Photran			
Power	CRI	Kelvin	Lümen T_c=50°
2x48W	CRI>80	2700K	11022
		3000K	11294
		3500K	11690
		4000K	12100
		5000K	12946
	CRI>90	2700K	9916
		3000K	10164
		3500K	10400
		4000K	10888
		5000K	X
	CRI>98	2700K	8458
		3000K	8764
		4000K	9376
	Meat / COB	1800K	6724
	Food / COB	2400K	6950
	FISH / COB	6600K	9190





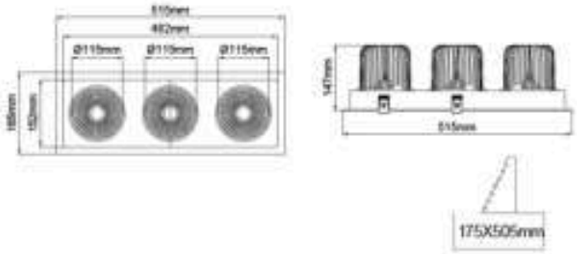


PHOTRAN



Product Color	Technical Drawing









Photran

Power	CRI	Kelvin	Lümen T_C=50°
3x48W	CRI>80	2700K	16533
		3000K	16941
		3500K	17535
		4000K	18150
		5000K	19419
	CRI>90	2700K	14874
		3000K	15246
		3500K	15600
		4000K	16332
		5000K	X
	CRI>98	2700K	12687
		3000K	13146
		4000K	14064
	Meat / COB	1800K	10086
	Food / COB	2400K	10425
	FISH / COB	6600K	13785





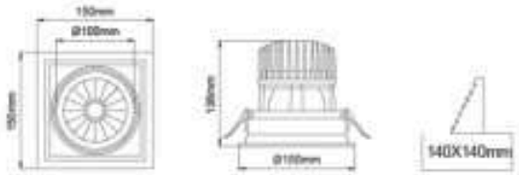


PHOTRAN MINI



Product Color	Technical Drawing









Photran Mini

Power	CRI	Kelvin	Lümen T_C=50°
35W	CRI>80	2700K	4092
		3000K	4204
		3500K	4341
		4000K	4492
		5000K	4805
	CRI>90	2700K	3677
		3000K	3768
		3500K	3899
		4000K	4173
		5000K	X
	CRI>98	2700K	3100
		3000K	3213
		4000K	3314
	Meat / COB	1800K	2505
	Food / COB	2400K	2579
	FISH / COB	6600K	3410







PHOTRAN MINI



Product Color	Technical Drawing









Photran Mini

Power	CRI	Kelvin	Lümen T_c=50°
2x35W	CRI>80	2700K	8184
		3000K	8408
		3500K	8628
		4000K	8984
		5000K	9610
	CRI>90	2700K	7354
		3000K	7536
		3500K	7798
		4000K	8346
		5000K	X
	CRI>98	2700K	6200
		3000K	6426
		4000K	6628
	Meat / COB	1800K	5010
	Food / COB	2400K	5158
	FISH / COB	6600K	6820





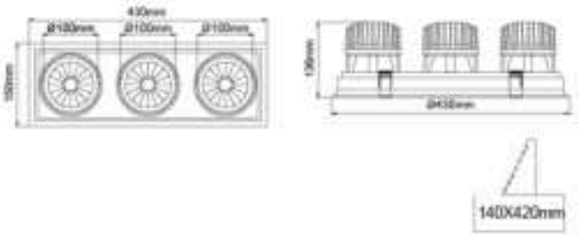


PHOTRAN MINI



Product Color	Technical Drawing









Photran Mini

Power	CRI	Kelvin	Lümen T_c=50°
3x35W	CRI>80	2700K	12276
		3000K	12612
		3500K	13024
		4000K	13476
		5000K	14415
	CRI>90	2700K	11031
		3000K	11304
		3500K	11697
		4000K	12519
		5000K	X
	CRI>98	2700K	9300
		3000K	9639
		4000K	9942
	Meat / COB	1800K	7515
	Food / COB	2400K	7737
	FISH / COB	6600K	10230







PHOTRAN MINI



Product Color	Technical Drawing









Photran Mini

Power	CRI	Kelvin	Lümen T_c=50°
35W	CRI>80	2700K	4092
		3000K	4204
		3500K	4341
		4000K	4492
		5000K	4805
	CRI>90	2700K	3677
		3000K	3768
		3500K	3899
		4000K	4173
		5000K	X
	CRI>98	2700K	3100
		3000K	3213
		4000K	3314
	Meat / COB	1800K	2505
	Food / COB	2400K	2579
	FISH / COB	6600K	3410









MERALUX Recessed

MERALUX is widely preferred in trimless applications. Various light distributions in single, double and triple gimbal versions available to meet all lighting requirements in the retail sector.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes MERALUX range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

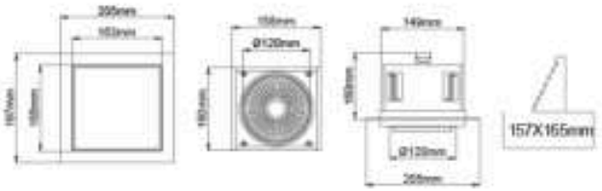
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 30° rotation on vertical and 30° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 142lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.
- Installation frame system for practical installation.

MERALUX



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04







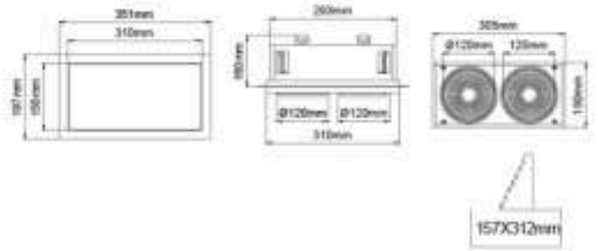
Meralux			
Power	CRI	Kelvin	Lümen T_c=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965

MERALUX



Product Color	Technical Drawing









Meralux			
Power	CRI	Kelvin	Lümen T_c=50°
2x42W	CRI>80	2700K	9682
		3000K	9928
		3500K	10272
		4000K	10624
		5000K	11376
	CRI>90	2700K	7446
		3000K	8714
		3500K	8937
		4000K	9244
		5000K	X
	CRI>98	2700K	7818
		3000K	8082
		4000K	8640
	Meat / COB	1800K	5836
	Food / COB	2400K	6008
	FISH / COB	6600K	7930







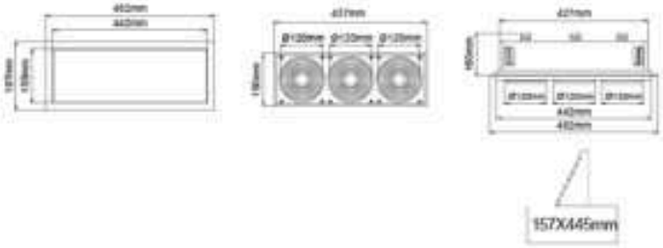
MERALUX



Product Color



Technical Drawing







Meralux			
Power	CRI	Kelvin	Lümen T_C=50°
3x42W	CRI>80	2700K	14523
		3000K	14892
		3500K	15408
		4000K	15936
		5000K	17064
	CRI>90	2700K	11178
		3000K	13071
		3500K	13401
		4000K	13866
		5000K	X
	CRI>98	2700K	11727
		3000K	12123
		4000K	12960
	Meat / COB	1800K	8754
	Food / COB	2400K	9012
	FISH / COB	6600K	11895





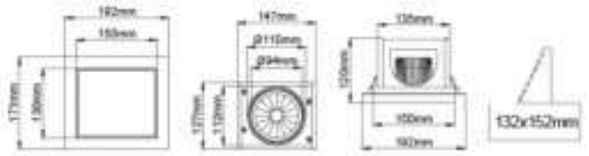


MERALUX MINI



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04







Meralux Mini

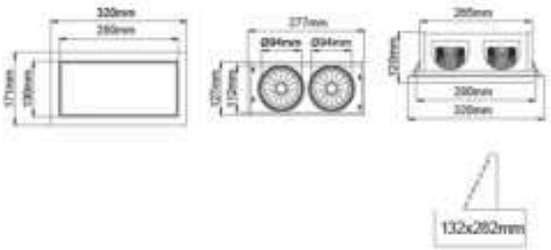
Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905

MERALUX MINI



Product Color	Technical Drawing









Meralux Mini

Power	CRI	Kelvin	Lümen T_c=50°
2x28W	CRI>80	2700K	6810
		3000K	7112
		3500K	7192
		4000K	7470
		5000K	7986
	CRI>90	2700K	5512
		3000K	6088
		3500K	6250
		4000K	6320
		5000K	X
	CRI>98	2700K	4918
		3000K	5128
		4000K	5486
	Meat / COB	1800K	4050
	Food / COB	2400K	4226
	FISH / COB	6600K	5810





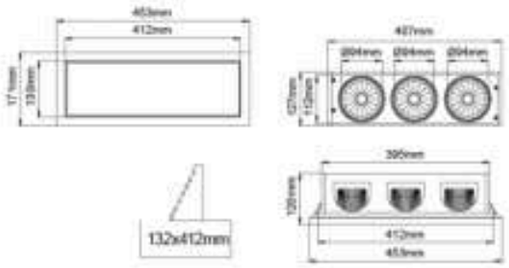


MERALUX MINI



Product Color	Technical Drawing









Meralux Mini

Power	CRI	Kelvin	Lümen T_C=50°
3x28W	CRI>80	2700K	10215
		3000K	10668
		3500K	10778
		4000K	11205
		5000K	11979
	CRI>90	2700K	8268
		3000K	9132
		3500K	9375
		4000K	9480
		5000K	X
	CRI>98	2700K	7377
		3000K	7692
		4000K	8229
	Meat / COB	1800K	6156
	Food / COB	2400K	6339
	FISH / COB	6600K	8715







DELTERRA& TORREA MINI Recessed

DELTERRA has extraordinarily high light effectiveness. Efficient output up to 5500lm output. Various light distributions available to meet all lighting requirements in the retail sector. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes DELTERRA and TORREA MINI range efficient and enviroment friendly lighting solution.

DELTERRA FLUX option in this range offers even brighter lumen output up to 7000lm especially necessary for applications such as storefront, store entrance, high ceiling applications etc.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 30° rotation on vertical and 30° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 144lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.











DELTERRA FLUX



Product Color	Technical Drawing















Delterra Flux

Power	CRI	Kelvin	Lümen T_C=50°
48W	CRI>80	2700K	5511
		3000K	5647
		3500K	5845
		4000K	6050
		5000K	6473
	CRI>90	2700K	4958
		3000K	5082
		3500K	5200
		4000K	5444
		5000K	X
	CRI>98	2700K	4229
		3000K	4382
		4000K	4688
	Meat / COB	1800K	3362
	Food / COB	2400K	3475
	FISH / COB	6600K	4595







DELTERRA



Product Color	Technical Drawing

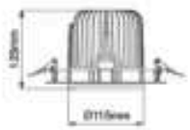


















Delterra

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





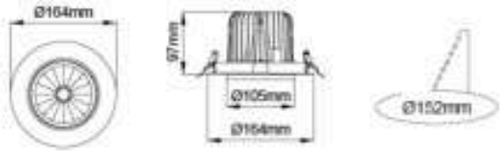


DELTERRA MIDI



Product Color	Technical Drawing









Delterra Midi			
Power	CRI	Kelvin	Lümen T_C=50°
31W	CRI>80	2700K	3759
		3000K	3911
		3500K	4048
		4000K	4190
		5000K	4483
	CRI>90	2700K	3383
		3000K	3467
		3500K	3589
		4000K	3715
		5000K	X
	CRI>98	2700K	2680
		3000K	2795
		4000K	2990
	Meat / COB	1800K	2164
	Food / COB	2400K	2227
	FISH / COB	6600K	2945







TORREA MINI



Product Color	Technical Drawing









Torrea Mini

Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	3759
		3000K	3911
		3500K	4048
		4000K	4190
		5000K	4483
	CRI>90	2700K	3383
		3000K	3467
		3500K	3589
		4000K	3715
		5000K	X
	CRI>98	2700K	2680
		3000K	2795
		4000K	2990
	Meat / COB	1800K	2164
	Food / COB	2400K	2227
	FISH / COB	6600K	2945





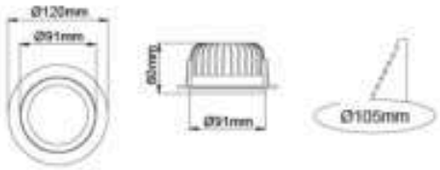


TORREA
MINI FIX



Product Color	Technical Drawing









Torrea Mini Fix			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
24W	CRI>80	2700K	2500
		3000K	2562
		3500K	2652
		4000K	2744
		5000K	2909
	CRI>90	2700K	2250
		3000K	2306
		3500K	2386
		4000K	2469
		5000K	X
	CRI>98	2700K	1729
		3000K	1790
		4000K	1879
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







AURIS
Recessed

AURIS spot range has different diameter and power output options only with wide beam angle option creates an effective solution for projects that requires general lighting with high lumen intensity. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with high efficient anodized aluminium reflector makes AURIS range efficient and enviroment friendly lighting solution.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of DALI, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 144lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.









AURIS MAXI



Product Color	Technical Drawing









Auris Maxi

Power	CRI	Kelvin	Lümen T_C=50°
48W	CRI>80	2700K	5555
		3000K	5731
		3500K	5901
		4000K	6083
		5000K	6259
	CRI>90	2700K	5054
		3000K	5203
		3500K	5362
		4000K	5522
		5000K	X
	CRI>98	2700K	3876
		3000K	3990
		4000K	4235
	Meat / COB	1800K	3387
	Food / COB	2400K	3486
	FISH / COB	6600K	4786





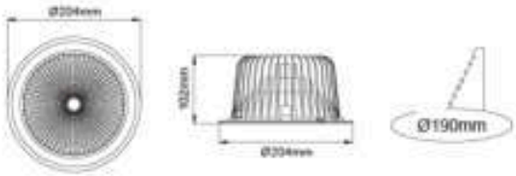


AURIS



Product Color	Technical Drawing









Auris			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
42W	CRI>80	2700K	4495
		3000K	4633
		3500K	4770
		4000K	4913
		5000K	5062
	CRI>90	2700K	4089
		3000K	4209
		3500K	4335
		4000K	4461
		5000K	X
	CRI>98	2700K	3136
		3000K	3228
		4000K	3421
	Meat / COB	1800K	2736
	Food / COB	2400K	2816
	FISH / COB	6600K	3867

AURIS MIDI



Product Color	Technical Drawing









Auris Midi			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
33W	CRI>80	2700K	3267
		3000K	3366
		3500K	3465
		4000K	3569
		5000K	3340
	CRI>90	2700K	2940
		3000K	3029
		3500K	3118
		4000K	3212
		5000K	X
	CRI>98	2700K	2254
		3000K	2323
		4000K	2463
	Meat / COB	1800K	1970
	Food / COB	2400K	2028
	FISH / COB	6600K	2786





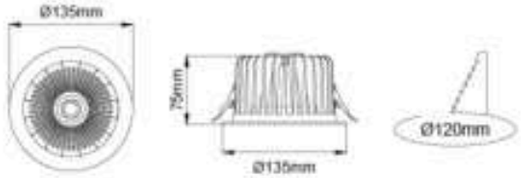


AURIS MINI



Product Color	Technical Drawing









Auris Mini			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
20W	CRI>80	2700K	2662
		3000K	2715
		3500K	2796
		4000K	2880
		5000K	3082
	CRI>90	2700K	2462
		3000K	2511
		3500K	2586
		4000K	2664
		5000K	X
	CRI>98	2700K	1888
		3000K	1925
		4000K	2063
	Meat / COB	1800K	1650
	Food / COB	2400K	1699
	FISH / COB	6600K	2335







ARTEMON
Downlight

ARTEMON is a new generation downlight family of LABOS. It has Economic design that integrates >120lm/W efficiency at CRI>90 and UGR<19 at wide flood beam angle distribution. This downlight family has five different size in which each size designed to fit also retrofit project requirements. Thanks to its wide frame structure, each size can fit various different ceiling cut diameters. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with white painted aluminium reflector and Lens optic combination makes ARTEMON range efficient and enviroment friendly lighting solution.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Only Wide Flood beam angle option available with rotationallysymmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 125lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.



ARTEMON

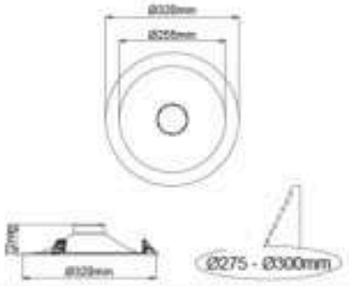


Product Color



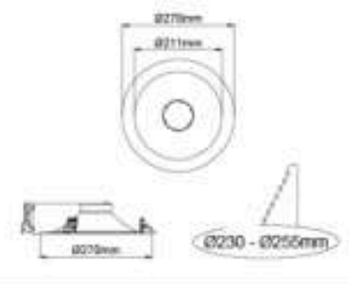


Artemon 320

Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
24W	CRI>80	2700K	2673	
		3000K	2727	
		3500K	2781	
		4000K	2838	
		5000K	2922	
	CRI>90	2700K	2485	
		3000K	2540	
		3500K	2593	
		4000K	2650	
kg 0.7		5000K	X	



Artemon 270

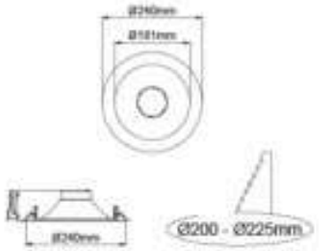
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
19W	CRI>80	2700K	2202	
		3000K	2270	
		3500K	2315	
		4000K	2362	
		5000K	2409	
	CRI>90	2700K	2048	
		3000K	2112	
		3500K	2154	
		4000K	2197	
kg 0.5		5000K	X	

ARTEMON



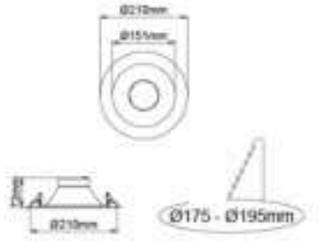


Artemon 320

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
14W	CRI>80	2700K	1677	
		3000K	1680	
		3500K	1694	
		4000K	1710	
		5000K	1724	
	CRI>90	2700K	1559	
		3000K	1564	
		3500K	1579	
		4000K	1596	
kg 0,4		5000K	X	

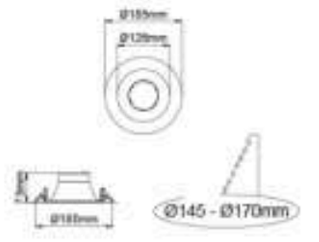


Artemon 320

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
10W	CRI>80	2700K	1171	
		3000K	1180	
		3500K	1185	
		4000K	1190	
		5000K	1203	
	CRI>90	2700K	1088	
		3000K	1099	
		3500K	1104	
		4000K	1111	
kg 0,4		5000K	X	



Artemon 270

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
8W	CRI>80	2700K	975	
		3000K	984	
		3500K	996	
		4000K	1006	
		5000K	1010	
	CRI>90	2700K	906	
		3000K	916	
		3500K	928	
		4000K	939	
kg 0,3		5000K	X	

TRIMORA
Recessed

TRIMORA range integrates high and low lumen package lighting with minimal frame reduces the appearence of the spotlight in ceiling. Easy to install mechanism without any requirement of outside tools, decreases the cost of installation to the applications significantly.

Latest LED technology with highest lumen/watt integrated with high efficient miro silver reflector technology makes TRIMORA range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

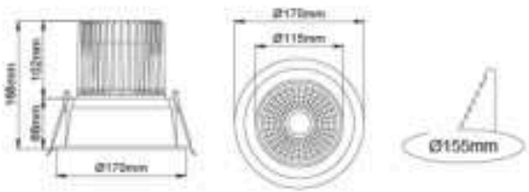


TRIMORA MEGA



Product Color	Technical Drawing









Trimora Mega

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965





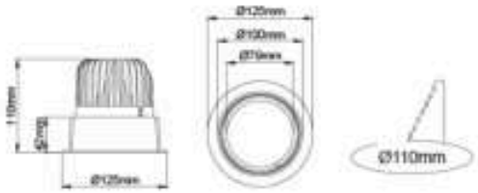


TRIMORA MAXI



Product Color	Technical Drawing









Trimora Maxi

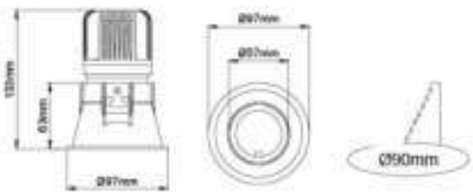
Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	2640
		3000K	2793
		3500K	2825
		4000K	2934
		5000K	3136
	CRI>90	2700K	2165
		3000K	2391
		3500K	2455
		4000K	2482
		5000K	X
	CRI>98	2700K	1815
		3000K	1892
		4000K	2024
	Meat / COB	1800K	1514
	Food / COB	2400K	1559
	FISH / COB	6600K	2144

TRIMORA MIDI



Product Color	Technical Drawing









Trimora Midi

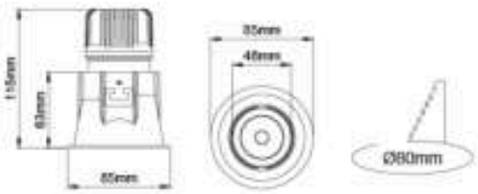
Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	1347
		3000K	1380
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X

TRIMORA MINI



Product Color	Technical Drawing









Trimora Mini			
Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







TRIMORA MICRO



Product Color	Technical Drawing



















Trimora Micro

Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	1445
		3000K	1481
		3500K	1533
		4000K	1586
		5000K	1697
	CRI>90	2700K	1300
		3000K	1332
		3500K	1380
		4000K	1427
		5000K	X
	CRI>98	2700K	998
		3000K	1035
		4000K	1085
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







CARMEA
Recessed

CARMEA uses Ledil optic that generates very soft and homogenous light output with low UGR. Latest LED technology with highest lumen/watt integrated with high efficient lens technology makes CARMEA range efficient and enviroment friendly lighting solution.

Spot, medium and wide beam optic options available
with various DIM options





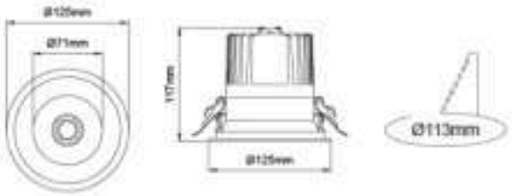
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- UGR<19 for Super Spot and Medium beam options
- Up to 92lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

CARMEA MIDI



Product Color	Technical Drawing









Carmea Midi

Power	CRI	Kelvin	Lümen T_C=50°
24W	CRI>80	2700K	2752
		3000K	2807
		3500K	2863
		4000K	2921
		5000K	3008
	CRI>90	2700K	2558
		3000K	2615
		3500K	2670
		4000K	2728
		5000K	X
	CRI>98	2700K	1970
		3000K	2010
		4000K	2050







CARMEA MINI



Product Color	Technical Drawing









Carmea Mini			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1571
		3000K	1681
		3500K	1579
		4000K	1798
		5000K	1926
	CRI>90	2700K	1468
		3000K	1513
		3500K	1519
		4000K	1646
		5000K	X
	CRI>98	2700K	1071
		3000K	1110
		4000K	1189









CYLITE Recessed

CYLITE spot is now available in recessed format. Simple and aesthetic cylindrical shape housing integrated with recessed mounting frame. Thanks to its extruded aluminium profile structure, lenght of arm can be adjusted optionally as per customer request. Classical Labos segmented Miro Silver reflector with LOR 93% light efficiency used with CYLITE spotlights. Different accesories can be integrated to front ring enables architects to use this spotlight range in various differentapplications.

Practical ceiling clips enables easy installation on site. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

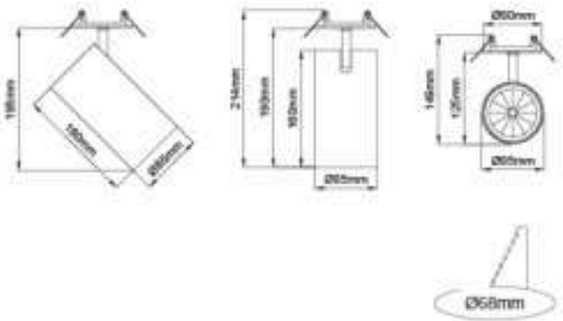
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 60° rotation on vertical and 0° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 121lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

CYLITE MEGA RECESSED



Product Color	Technical Drawing







Cylite Mega Recessed			
Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563

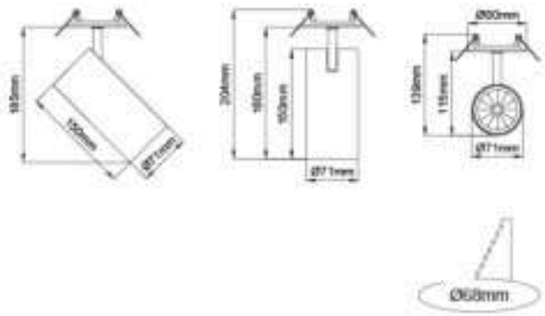
CYLITE MAXI RECESSED



Product Color



Technical Drawing







Cylite Maxi Recessed

Power	CRI	Kelvin	Lümen T_C=50°
24W	CRI>80	2700K	2962
		3000K	3145
		3500K	3022
		4000K	3082
		5000K	3283
	CRI>90	2700K	2754
		3000K	2815
		3500K	2873
		4000K	2937
		5000K	X
	CRI>98	2700K	2190
		3000K	2270
		4000K	2429





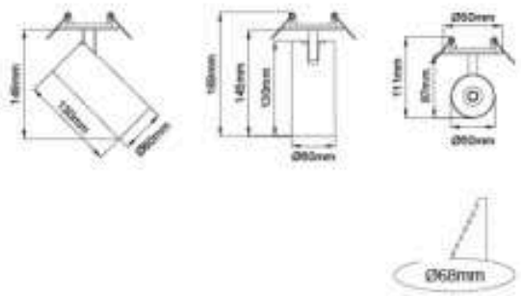


CYLITE MIDI RECESSED



Product Color	Technical Drawing









Cylite Midi Recessed

Power	CRI	Kelvin	Lümen T_c=50°
20W	CRI>80	2700K	2195
		3000K	2263
		3500K	2308
		4000K	2354
		5000K	2424
	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600





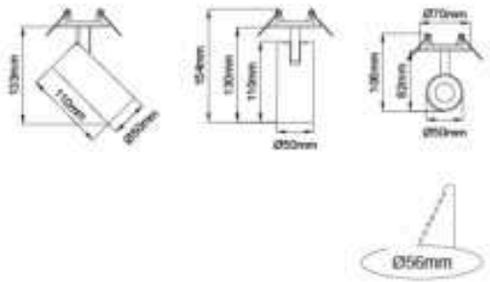


CYLITE MINI RECESSED



Product Color	Technical Drawing









Cylite Mini Recessed

Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	2195
		3000K	2263
		3500K	2308
		4000K	2354
		5000K	2424
	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600





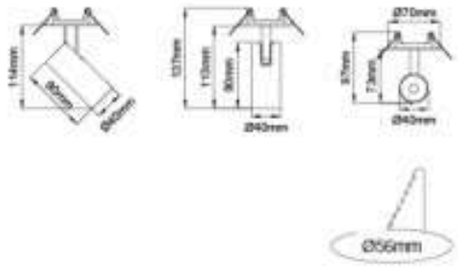


CYLITE MICRO RECESSED



Product Color	Technical Drawing









Cylite Micro Recessed			
Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	2195
		3000K	2263
		3500K	2308
		4000K	2354
		5000K	2424
	CRI>90	2700K	2042
		3000K	2104
		3500K	2146
		4000K	2189
		5000K	X
	CRI>98	2700K	1490
		3000K	1535
		4000K	1600

MODULON
Recessed

Modulon range has different diameter and power output options with narrow, medium and wide flood beam angle options that creates an effective architectural lighting solution for projects. Practical ceiling clips enables easy installation on site.

Fix and low glare body structure creates visual comfort. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 117lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.







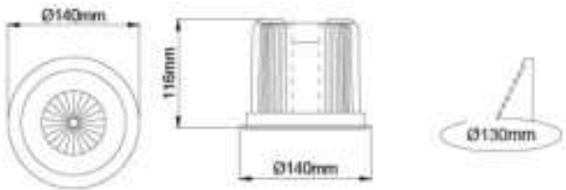


MODULON MAXI



Product Color	Technical Drawing







Modulon Maxi			
Power	CRI	Kelvin	Lümen T_c=50°
24W	CRI>80	2700K	2555
		3000K	2620
		3500K	2710
		4000K	2806
		5000K	3002
	CRI>90	2700K	2324
		3000K	2382
		3500K	2466
		4000K	2553
		5000K	X
	CRI>98	2700K	1765
		3000K	1850
		4000K	1981







MODULON MIDI



Product Color	Technical Drawing









Modulon Midi			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1250
		3000K	1281
		3500K	1326
		4000K	1372
		5000K	1468
	CRI>90	2700K	1125
		3000K	1152
		3500K	1193
		4000K	1234
		5000K	X
	CRI>98	2700K	863
		3000K	895
		4000K	939

MODULON MINI



Product Color	Technical Drawing









Modulon Mini

Power	CRI	Kelvin	Lümen T_c=50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540

MODULON MICRO



Product Color	Technical Drawing









Modulon Micro			
Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540







ZERONA
Recessed

ZERONA integrates high and low lumen package lighting with zero frame look that minimizes the appearance of the spotlight in ceiling.

Latest LED technology with highest lumen/watt integrated with high efficient reflector technology makes ZERONA range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire. Different finishing options of the inner ring increases the architectural application options.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.







ZERONA MAXI



Product Color	Technical Drawing









Zerona Maxi

Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563
	Meat / COB	1800K	1940
	Food / COB	2400K	2002
	FISH / COB	6600K	2529







ZERONA MIDI



Product Color	Technical Drawing









Zerona Midi

Power	CRI	Kelvin	Lümen T_c=50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2462
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







ZERONA MINI



Product Color	Technical Drawing









Zerona Mini

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1250
		3000K	1281
		3500K	1326
		4000K	1372
		5000K	1468
	CRI>90	2700K	1125
		3000K	1152
		3500K	1193
		4000K	1234
		5000K	X
	CRI>98	2700K	863
		3000K	895
		4000K	939
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







EVORIS
Recessed

EVORIS integrates high and low lumen package lighting. Lightsource is not flush to frame that enables lower UGR and at the same time fixture itself is adjustable that increases the
flexibility.

Latest LED technology with highest lumen/watt integrated with high efficient reflector technology makes EVORIS range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire. Different finishing options of the inner ring increases
the architectural application option

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 20° rotation on vertical and 20° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.





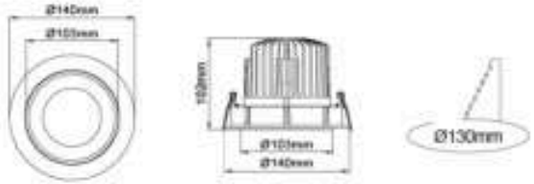


EVORIS MAXI



Product Color	Technical Drawing









Evoris Maxi

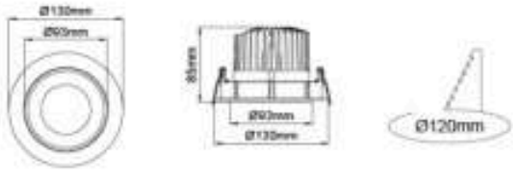
Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563
	Meat / COB	1800K	1940
	Food / COB	2400K	2002
	FISH / COB	6600K	2529

EVORIS MIDI



Product Color	Technical Drawing









Evoris Midi			
Power	CRI	Kelvin	Lümen T_c=50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2462
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X





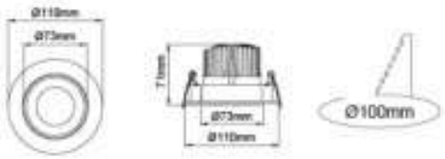


EVORIS MINI



Product Color	Technical Drawing









Evoris Mini

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1250
		3000K	1281
		3500K	1326
		4000K	1372
		5000K	1468
	CRI>90	2700K	1125
		3000K	1152
		3500K	1193
		4000K	1234
		5000K	X
	CRI>98	2700K	863
		3000K	895
		4000K	939
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X

PERANOVA
Recessed

PERANOVA integrates high and low lumen package lighting. Lightsource is not flush to frame that enables lower UGR and at the same time fixture itself is adjustable that increases the flexibility.

Latest LED technology with highest lumen/watt integrated with high efficient reflector technology makes PERANOVA range efficient and enviroment friendly lighting solution.

Different finishing options of the inner ring increases the architectural application options.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 20° rotation on vertical and 20° angle on horizontal axis with mechanical aiming lock.
- Classic dimming systems of DALI, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Honeycomb Filter optionally can be applied.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 116lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

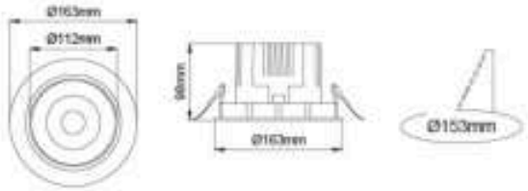


PERANOVA MAXI



Product Color	Technical Drawing









Peranova Maxi

Power	CRI	Kelvin	Lümen T_C=50°
24W	CRI>80	2700K	2632
		3000K	2685
		3500K	2738
		4000K	2794
		5000K	2876
	CRI>90	2700K	2447
		3000K	2500
		3500K	2553
		4000K	2609
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







PERANOVA MIDI



Product Color	Technical Drawing

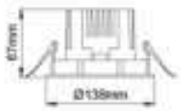

White = 01


Black = 02


Gray = 03


Special Color = 04











Peranova Midi			
Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	1277
		3000K	1316
		3500K	1342
		4000K	1370
		5000K	1397
	CRI>90	2700K	1186
		3000K	1224
		3500K	1248
		4000K	1273
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







SHADOWLUX
Recessed

SHADOWLUX offers minimum antiglare light effect. LED COB stays deep inside from the surface of the luminaire. Easy installation to the ceiling via ceiling clips ease the job of installators. Offices, hotels and residential spaces widely prefer this range.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 142lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.







SHADOWLUX



Product Color	Technical Drawing









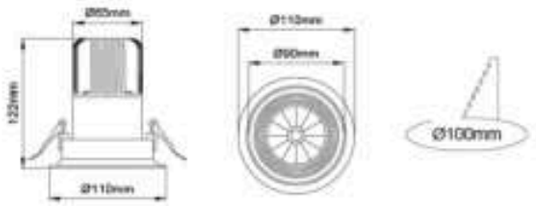
Shadowlux			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
15W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905

SHADOWLUX



Product Color	Technical Drawing









Shadowlux			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
15W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905

SHADOWLUX



Product Color



Technical Drawing







Shadowlux			
Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	731
		3000K	750
		3500K	775
		4000K	802
		5000K	858
	CRI>90	2700K	658
		3000K	674
		3500K	698
		4000K	722
		5000K	X
	CRI>98	2700K	504
		3000K	523
		4000K	549
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X

FORION
Recessed



Thanks to its metallized reflector and prismatic diffuser combination, FORION offers <22 UGR antiglare light effect. Easy installation to the ceiling via ceiling clips ease the job of installators. Offices, hotels and residential spaces widely prefer this range.

Three different size options with flood beam distribution and different CCT selections enable this family to be used in many applications.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 112lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.



FORION MAXI



Product Color



Technical Drawing







Forion Maxi

Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	2645
		3000K	2852
		3500K	2990
		4000K	3144
		5000K	3364
	CRI>90	2700K	2381
		3000K	2567
		3500K	2691
		4000K	2829
		5000K	X
	CRI>98	2700K	1826
		3000K	1969
		4000K	2170





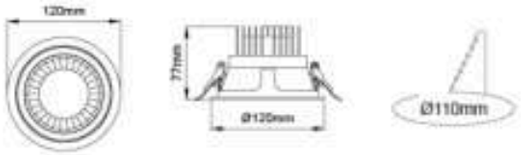


FORION MIDI



Product Color	Technical Drawing









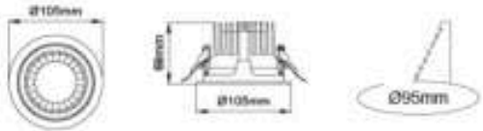
Forion Midi			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
20W	CRI>80	2700K	1909
		3000K	2058
		3500K	2157
		4000K	2268
		5000K	2427
	CRI>90	2700K	1718
		3000K	1852
		3500K	1942
		4000K	2041
		5000K	X
	CRI>98	2700K	1317
		3000K	1421
		4000K	1566

FORION MINI



Product Color	Technical Drawing









Forion Mini

Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	1380
		3000K	1488
		3500K	1560
		4000K	1640
		5000K	1755
	CRI>90	2700K	1242
		3000K	1339
		3500K	1404
		4000K	1476
		5000K	X
	CRI>98	2700K	935
		3000K	1027
		4000K	1132







MINORA
Recessed



MINORA range is a perfect replacement for 50W MR16 halogen lamp. Minimal design is convenient for niche applications. Thanks to its 15W power consumption, four times energy saving. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with anodized aluminium reflector solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 15° rotation on vertical and 15° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 92lm/W efficiency.
- High colour consistency: <3 SDCM

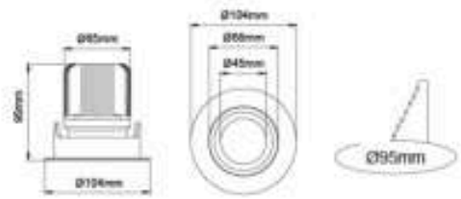


MINORA



Product Color	Technical Drawing









Minora			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
15W	CRI>80	2700K	1347
		3000K	1380
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011





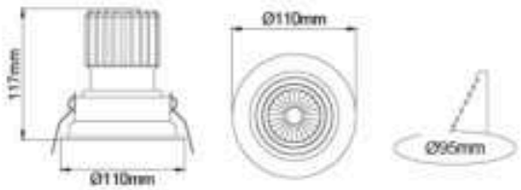


MINORA



Product Color	Technical Drawing









Minora			
Power	CRI	Kelvin	Lümen T_c=50°
15W	CRI>80	2700K	1347
		3000K	1380
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011





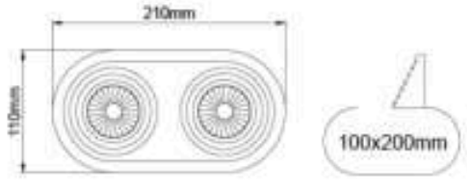


MINORA



Product Color	Technical Drawing









Minora			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
2x15W	CRI>80	2700K	2695
		3000K	2760
		3500K	2858
		4000K	2956
		5000K	3164
	CRI>90	2700K	2424
		3000K	2482
		3500K	2570
		4000K	2658
		5000K	X
	CRI>98	2700K	1860
		3000K	1928
		4000K	2022







PROFOND & PROFOND SLIM Recessed

PROFOND range has moveable body. High efficient Lens optic with different beam angle options. Practical ceiling clips enables easy installation on site. Low glare body structure creates visual comfort.

Slim version of Profond family mostly preferred in applications at which internal ceiling space is limited











PROFOND



Product Color	Technical Drawing









Profond			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205







PROFOND



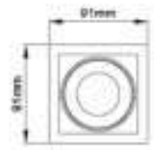
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04











Profond

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205







PROFOND



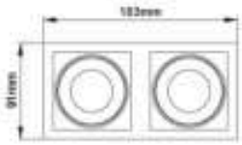
Product Color	Technical Drawing

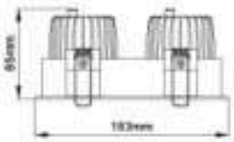

White = 01


Black = 02


Gray = 03


Special Color = 04











Profond

Power	CRI	Kelvin	Lümen T_C=50°
2x15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205







PROFOND SLIM



Product Color	Technical Drawing









Profond Slim			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205





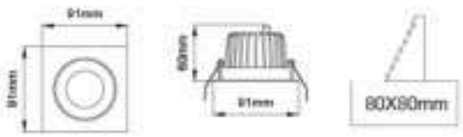


PROFOND SLIM



Product Color	Technical Drawing









Profond Slim

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205







DEEPLUX
Recessed

DEEPLUX integrates symmetric and asymmetric light distribution options with zero frame in both round and square format that minimizes the appearance of the spotlight in ceiling.

Latest LED technology with highest lumen/watt integrated with high efficient reflector technology makes DEEPLUX range efficient and enviroment friendly lighting solution.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.





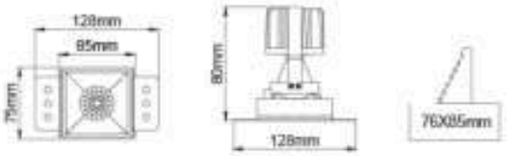
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 93lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

DEEPLUX



Product Color	Technical Drawing









Deeplux			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1377
		3000K	1410
		3500K	1495
		4000K	1510
		5000K	1615
	CRI>90	2700K	1239
		3000K	1268
		3500K	1313
		4000K	1357
		5000K	X
	CRI>98	2700K	948
		3000K	985
		4000K	1033





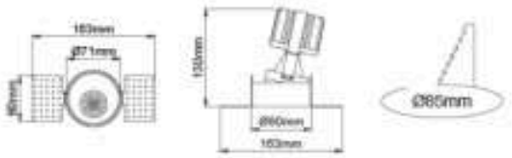


DEEPLUX



Product Color	Technical Drawing









Deeplux			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1377
		3000K	1410
		3500K	1495
		4000K	1510
		5000K	1615
	CRI>90	2700K	1239
		3000K	1268
		3500K	1313
		4000K	1357
		5000K	X
	CRI>98	2700K	948
		3000K	985
		4000K	1033







INDEO
Recessed



Applications in which wallwash and spot lighting required, INDEO will be a perfect solution. Both metallised reflector integrated with highest lumen/watt led and diffuser screen versions can be used according to project requirements with different power options.

Practical ceiling clips enables easy installation on site. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Honeycomb Filter and Colour filter accesories are available.
- Spot when luminaire directed straight downwards and wallwasher wide when tilted.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 92lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

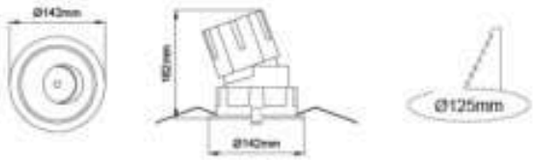


INDEO MAXI



Product Color	Technical Drawing









Indeo Midi			
Power	CRI	Kelvin	Lümen T_C=50°
24W	CRI>80	2700K	2090
		3000K	2132
		3500K	2175
		4000K	2218
		5000K	2285
	CRI>90	2700K	1944
		3000K	1983
		3500K	2023
		4000K	2063
		5000K	X
	CRI>98	2700K	1497
		3000K	1527
		4000K	1589







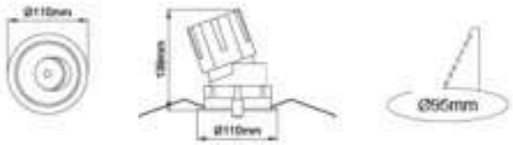
INDEO MIDI



Product Color



Technical Drawing







Indeo Midi

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	962
		3000K	981
		3500K	1001
		4000K	1021
		5000K	1052
	CRI>90	2700K	895
		3000K	913
		3500K	931
		4000K	950
		5000K	X
	CRI>98	2700K	690
		3000K	703
		4000K	732







INDEO MINI



Product Color	Technical Drawing









Indeo Mini			
Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	566
		3000K	577
		3500K	589
		4000K	601
		5000K	619
	CRI>90	2700K	527
		3000K	537
		3500K	548
		4000K	559
		5000K	X
	CRI>98	2700K	406
		3000K	414
		4000K	431







INDEO TRIMLESS Recessed



Applications in which wallwash and spot lighting required, INDEO TRIMLESS will be a perfect solution. Metallised reflector integrated with highest lumen/watt and trimless housing makes this range widely preferred in projects.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Honeycomb Filter and Colour filter accesories are available.
- Spot when luminaire directed straight downwards and wallwasher wide when tilted.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 92lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

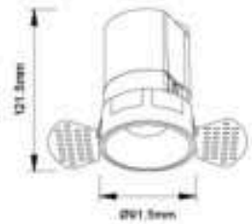


INDEO TRIMLESS MAXI



Product Color	Technical Drawing









Indeo Trimless Maxi

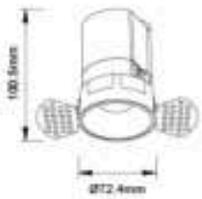
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1155
		3000K	1235
		3500K	1261
		4000K	1321
		5000K	1415
	CRI>90	2700K	1079
		3000K	1112
		3500K	1117
		4000K	1210
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

INDEO TRIMLESS MIDI



Product Color	Technical Drawing









Indeo Trimless Midi

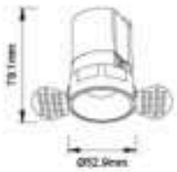
Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	872
		3000K	890
		3500K	909
		4000K	926
		5000K	946
	CRI>90	2700K	811
		3000K	828
		3500K	844
		4000K	860
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

INDEO TRIMLESS MINI



Product Color	Technical Drawing









Indeo Trimless Mini

Power	CRI	Kelvin	Lümen T_C=50°
6W	CRI>80	2700K	428
		3000K	436
		3500K	446
		4000K	454
		5000K	464
	CRI>90	2700K	398
		3000K	406
		3500K	414
		4000K	422
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







MIZORA Recessed

MIZORA range is an architectural leading design with different combinations. Round, single and double frame alternatives available. Minimal design is convenient for niche applications. Thanks to its 7.5W power consumption, four times energy saving. Practical ceiling clips enables easy installation on site.

Latest LED technology with highest lumen/watt integrated with anodized aluminium reflector solution.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

MIZORA



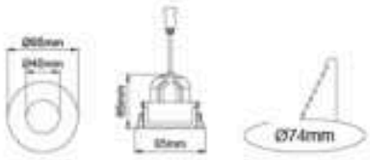
Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04







Mizora

Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	374
		3000K	383
		3500K	396
		4000K	410
		5000K	437
	CRI>90	2700K	316
		3000K	344
		3500K	356
		4000K	367
		5000K	X
	CRI>98	2700K	258
		3000K	267
		4000K	280







MIZORA



Product Color	Technical Drawing









Mizora			
Power	**CRI**	**Kelvin**	**Lümen T_C=50°**
7W	CRI>80	2700K	374
		3000K	383
		3500K	396
		4000K	410
		5000K	437
	CRI>90	2700K	316
		3000K	344
		3500K	356
		4000K	367
		5000K	X
	CRI>98	2700K	258
		3000K	267
		4000K	280





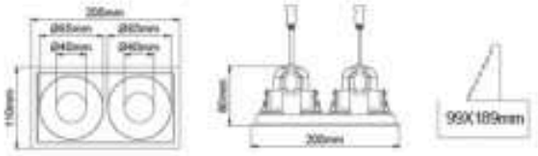


MIZORA



Product Color	Technical Drawing









Mizora			
Power	CRI	Kelvin	Lümen T_C=50°
2x7W	CRI>80	2700K	748
		3000K	766
		3500K	792
		4000K	820
		5000K	874
	CRI>90	2700K	632
		3000K	688
		3500K	712
		4000K	734
		5000K	X
	CRI>98	2700K	516
		3000K	534
		4000K	560





TITA
Recessed

Applications in which wallwash and spot beam lighting required with low UGR, TITA will be a perfect solution. Both metallised reflector integrated with highest lumen/watt led and diffuser screen versions can be used according to project requirements with different power options.

Practical ceiling clips enables easy installation on site. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

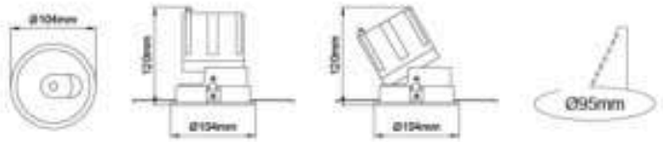
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Honeycomb Filter and Colour filter accesories are available.
- Spot beam angle with low UGR.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

TITA MIDI



Product Color	Technical Drawing









Tita Midi

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	682
		3000K	696
		3500K	710
		4000K	724
		5000K	746
	CRI>90	2700K	634
		3000K	647
		3500K	660
		4000K	673
		5000K	X
	CRI>98	2700K	488
		3000K	498
		4000K	518







TITA MINI



Product Color	Technical Drawing









Tita Mini

Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	682
		3000K	696
		3500K	710
		4000K	724
		5000K	746
	CRI>90	2700K	634
		3000K	647
		3500K	660
		4000K	673
		5000K	X
	CRI>98	2700K	488
		3000K	498
		4000K	518







LUXORA & LUXORA FOCUS Recessed

LUXORA range is a perfect replacement for 35W MR16 halogen lamp. Minimal design is convenient for niche applications. Thanks to its 7W power consumption, four times energy saving.

Practical ceiling clips enables easy installation on site. Latest LED technology with highest lumen/watt integrated with anodized aluminium reflector solution.





LUXORA& LUXORA FOCUS



Product Color	Technical Drawing


White = 01


Black = 03


Gray = 04


Special Color = 06









- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 15° rotation on vertical and 15° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium and Flood beam angle options available with rotationally symmetric light distribution for Luxon.
- Luxon focus available only with Spot beam.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 113lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.







LUXORA& LUXORA FOCUS





Luxora			
Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540



Luxora Focus			
Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	735
		3000K	753
		3500K	779
		4000K	807
		5000K	862
	CRI>90	2700K	662
		3000K	677
		3500K	701
		4000K	725
		5000K	X
	CRI>98	2700K	507
		3000K	526
		4000K	552







GIZNOVA



Product Color





- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 20° rotation on vertical and 20° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options
- Available accesories are Honeycomb Filter and Colour Filter.
- Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 115lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

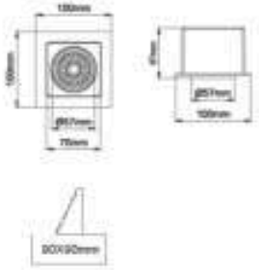




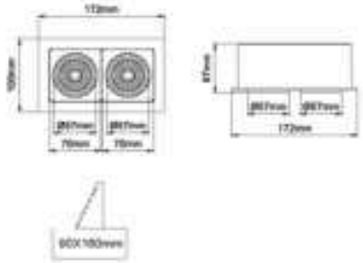


GIZNOVA

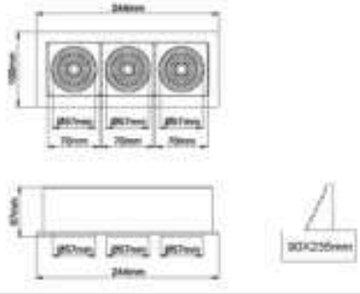


Giznova				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
7W	CRI>80	2700K	735	
		3000K	753	
		3500K	779	
		4000K	807	
		5000K	862	
	CRI>90	2700K	662	
		3000K	677	
		3500K	701	
		4000K	725	
kg 0,3		5000K	X	



Giznova				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
2x7W	CRI>80	2700K	1470	
		3000K	1506	
		3500K	1558	
		4000K	1614	
		5000K	1724	
	CRI>90	2700K	1324	
		3000K	1354	
		3500K	1402	
		4000K	1450	
kg 0,9		5000K	X	



Giznova				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
3x7W	CRI>80	2700K	2205	
		3000K	2259	
		3500K	2337	
		4000K	2421	
		5000K	2586	
	CRI>90	2700K	1986	
		3000K	2031	
		3500K	2103	
		4000K	2175	
kg 1,3		5000K	X	

GIZNOVA FOCUS



Product Color

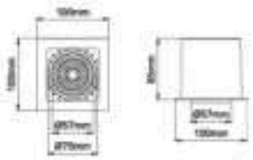




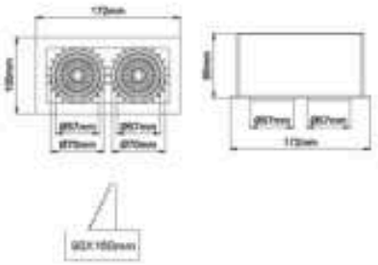
- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 20° rotation on vertical and 20° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 115lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

GIZNOVA

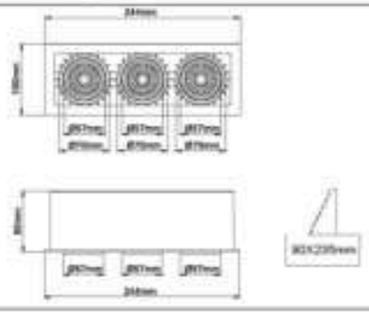


Giznova				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
7W	CRI>80	2700K	735	
		3000K	753	
		3500K	779	
		4000K	807	
		5000K	862	
	CRI>90	2700K	662	
		3000K	677	
		3500K	701	
		4000K	725	
kg 0,5		5000K	X	



Giznova				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
2x7W	CRI>80	2700K	1470	
		3000K	1506	
		3500K	1558	
		4000K	1614	
		5000K	1724	
	CRI>90	2700K	1324	
		3000K	1354	
		3500K	1402	
		4000K	1450	
kg 0,9		5000K	X	

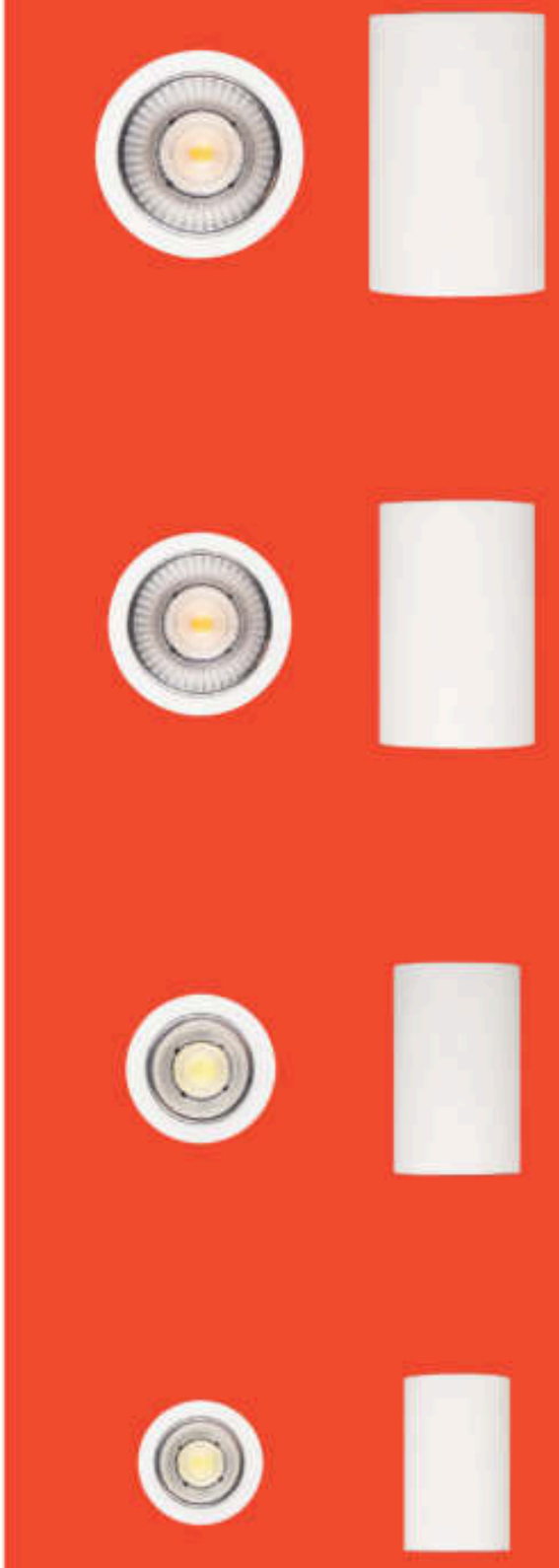


Giznova				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
3x7W	CRI>80	2700K	2205	
		3000K	2259	
		3500K	2337	
		4000K	2421	
		5000K	2586	
	CRI>90	2700K	1986	
		3000K	2031	
		3500K	2103	
		4000K	2175	
kg 1,3		5000K	X	

VECTRA
Surface

VECTRA SURFACE is a new generation downlight family of LABOS. It has magnificent design that integrates >120lm/W efficiency at CRI>90 and UGR<19 at wide flood beam angle distribution. This downlight family has four different size options. Latest LED technology with highest lumen/watt

integrated with high efficient anodized aluminium reflector and Lens optic combination makes VECTRA SURFACE range efficient and enviroment friendly lighting solution.



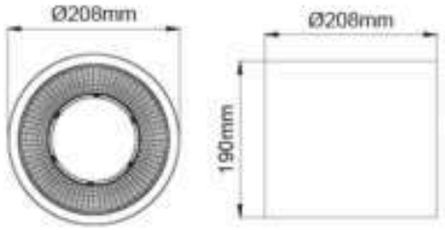
www.labos.com.tr

VECTRA
MAXI SURFACE



Product Color	Technical Drawing







Vectra Maxi Surface

Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2414
		3000K	2488
		3500K	2537
		4000K	2590
		5000K	2640
	CRI>90	2700K	2245
		3000K	2315
		3500K	2361
		4000K	2408
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





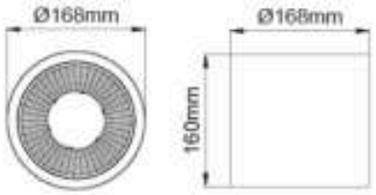


VECTRA
MIDI SURFACE



Product Color	Technical Drawing







Vectra Midi Surface

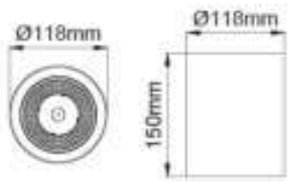
Power	CRI	Kelvin	Lümen T_C =50°
14W	CRI>80	2700K	1724
		3000K	1727
		3500K	1741
		4000K	1758
		5000K	1772
	CRI>90	2700K	1603
		3000K	1618
		3500K	1623
		4000K	1641
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

VECTRA
MINI SURFACE



Product Color	Technical Drawing







Vectra Mini Surface

Power	CRI	Kelvin	Lümen T_C =50°
9W	CRI>80	2700K	1226
		3000K	1235
		3500K	1240
		4000K	1246
		5000K	1259
	CRI>90	2700K	1139
		3000K	1150
		3500K	1156
		4000K	1163
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





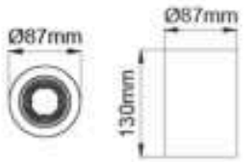


VECTRA
MICRO SURFACE



Product Color	Technical Drawing







Vectra Micro Surface

Power	CRI	Kelvin	Lümen T_C =50°
6W	CRI>80	2700K	1092
		3000K	1102
		3500K	1115
		4000K	1126
		5000K	1131
	CRI>90	2700K	1014
		3000K	1025
		3500K	1039
		4000K	1051
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







VECTRA
Surface

VECTRA SURFACE is a new generation downlight family of LABOS. It has magnificent design that integrates >120lm/W efficiency at CRI>90 and UGR<19 at wide flood beam angle distribution. This downlight family has four different size options.

Latest LED technology with highest lumen/watt integrated with high efficient anodized aluminium reflector and Lens optic combination makes VECTRA SURFACE range efficient and enviroment friendly lighting solution.



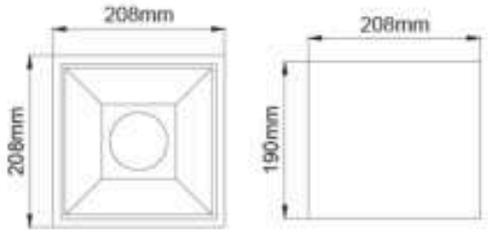
www.labos.com.tr

VECTRA
MAXI SURFACE



Product Color	Technical Drawing







Vectra Maxi Surface

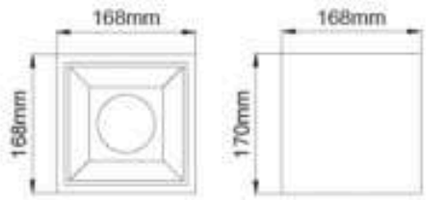
Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2414
		3000K	2488
		3500K	2537
		4000K	2590
		5000K	2640
	CRI>90	2700K	2245
		3000K	2315
		3500K	2361
		4000K	2408
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

VECTRA
MIDI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Vectra Midi Surface

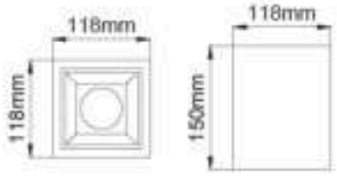
Power	CRI	Kelvin	Lümen T_C =50°
14W	CRI>80	2700K	1724
		3000K	1727
		3500K	1741
		4000K	1758
		5000K	1772
	CRI>90	2700K	1603
		3000K	1618
		3500K	1623
		4000K	1641
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

VECTRA
MINI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Vectra Mini Surface

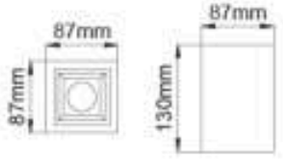
Power	CRI	Kelvin	Lümen T_C =50°
9W	CRI>80	2700K	1226
		3000K	1235
		3500K	1240
		4000K	1246
		5000K	1259
	CRI>90	2700K	1139
		3000K	1150
		3500K	1156
		4000K	1163
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

VECTRA
MICRO SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Vectra Micro Surface

Power	CRI	Kelvin	Lümen T_C =50°
6W	CRI>80	2700K	1092
		3000K	1102
		3500K	1115
		4000K	1126
		5000K	1131
	CRI>90	2700K	1014
		3000K	1025
		3500K	1039
		4000K	1051
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







CYLITE
Surface

CYLITE is a surface mounted spotlight range with different power and dimension options. Simple cylindrical form design it has extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration.

Practical mounting system via twist and lock mecanism of lower plate. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and specialcolor options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium and Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 113lm/W efficiency.

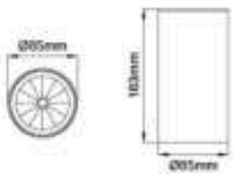


CYLITE
MAXI SURFACE



Product Color	Technical Drawing







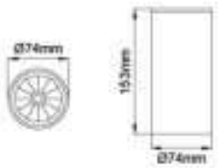
Cylite Maxi Surface			
Power	CRI	Kelvin	Lümen T_C =50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563

CYLITE
MIDI SURFACE



Product Color	Technical Drawing







Cylite Midi Surface

Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2462
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869





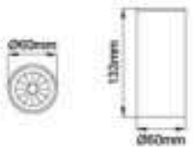


CYLITE
MINI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Cylite Mini Surface

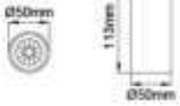
Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1517
		3000K	1563
		3500K	1594
		4000K	1627
		5000K	1659
	CRI>90	2700K	1411
		3000K	1454
		3500K	1482
		4000K	1513
		5000K	X
	CRI>98	2700K	1087
		3000K	1020
		4000K	1064

CYLITE
MICRO SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Cylite Micro Surface

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	718
		3000K	733
		3500K	748
		4000K	763
		5000K	785
	CRI>90	2700K	668
		3000K	682
		3500K	696
		4000K	710
		5000K	X
	CRI>98	2700K	514
		3000K	525
		4000K	536

OPTIS
Surface

OPTIS is a surface mounted spotlight range with different power and dimension options. Simple cylindrical form design it has extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration.

Practical mounting system via twist and lock mecanism of lower plate. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 136lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated only if the lenght of the fixture increases.

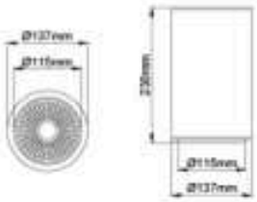


OPTIS
MAXI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04







Optis Maxi Surface

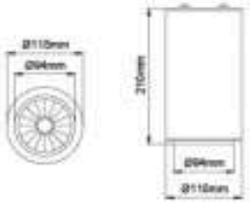
Power	CRI	Kelvin	Lümen T_C=50°
35W	CRI>80	2700K	4126
		3000K	4239
		3500K	4377
		4000K	4529
		5000K	4846
	CRI>90	2700K	3708
		3000K	3800
		3500K	3932
		4000K	4208
		5000K	X
	CRI>98	2700K	3083
		3000K	3195
		4000K	3418
	Meat / COB	1800K	2662
	Food / COB	2400K	2744
	FISH / COB	6600K	3629

OPTIS SURFACE



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04







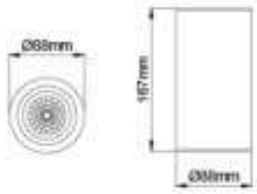
Optis Surface			
Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905

OPTIS
MIDI SURFACE



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04





Optis Midi Surface

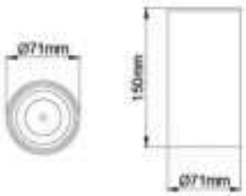
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1347
		3000K	1380
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X

OPTIS
MINI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Optis Mini Surface

Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X

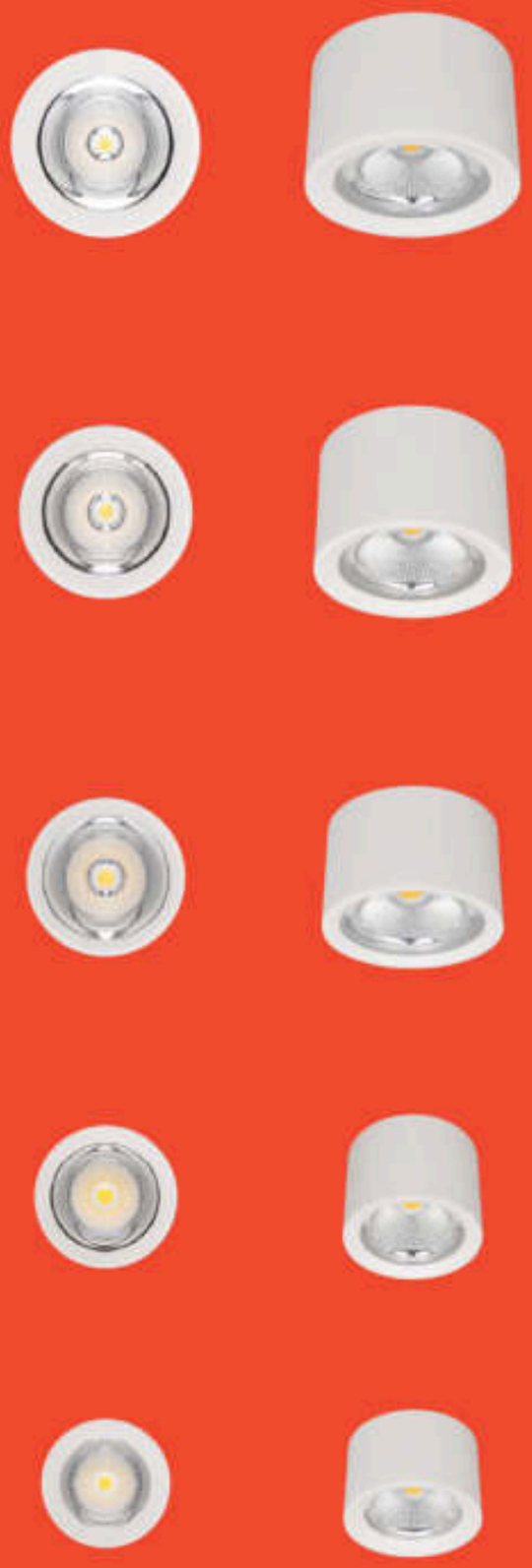
SOLARIS
Surface

SOLARIS is a surface mounted spotlight range with different power and dimension options. Simple cylindrical form design. SOLARIS has extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration.

Practical mounting system via twist and lock mecanism of lower plate. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

Low glare light output UGR≤19 despite wide beam angle distribution.

- Aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and WirelessDim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 132lm/W efficiency.
- High colour consistency: <3 SDCM



SOLARIS SURFACE

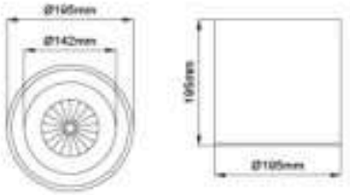


Product Color

White = 01 | Black = 02 | Gray = 03 | Special Color = 04

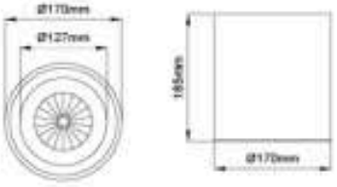


Solaris Mega Surface

Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
48W	CRI>80	2700K	4816	
		3000K	4914	
		3500K	5012	
		4000K	5112	
		5000K	5214	
	CRI>90	2700K	4479	
		3000K	4570	
		3500K	4661	
		4000K	4754	
kg 1,8		5000K	X	



Solaris Maxi Surface

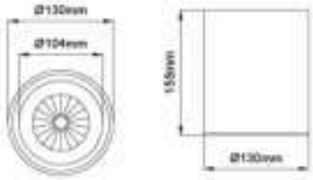
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
35W	CRI>80	2700K	4150	
		3000K	4235	
		3500K	4320	
		4000K	4405	
		5000K	4540	
	CRI>90	2700K	3860	
		3000K	3940	
		3500K	4020	
		4000K	4097	
kg 1,3		5000K	X	

SOLARIS SURFACE



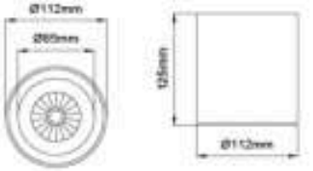


Solaris Midi Surface

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
28W	CRI>80	2700K	3265	
		3000K	3332	
		3500K	3400	
		4000K	3465	
		5000K	3570	
	CRI>90	2700K	3036	
		3000K	3100	
		3500K	3162	
		4000K	3222	
kg 03		5000K	X	

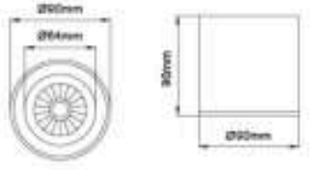


Solaris Mini Surface

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
20W	CRI>80	2700K	2490	
		3000K	2540	
		3500K	2590	
		4000K	2645	
		5000K	2722	
	CRI>90	2700K	2316	
		3000K	2362	
		3500K	2410	
		4000K	2460	
kg 0,7		5000K	X	



Solaris Micro Surface

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
10W	CRI>80	2700K	1118	
		3000K	1141	
		3500K	1164	
		4000K	1187	
		5000K	1223	
	CRI>90	2700K	1040	
		3000K	1061	
		3500K	1083	
		4000K	1104	
kg 04		5000K	X	

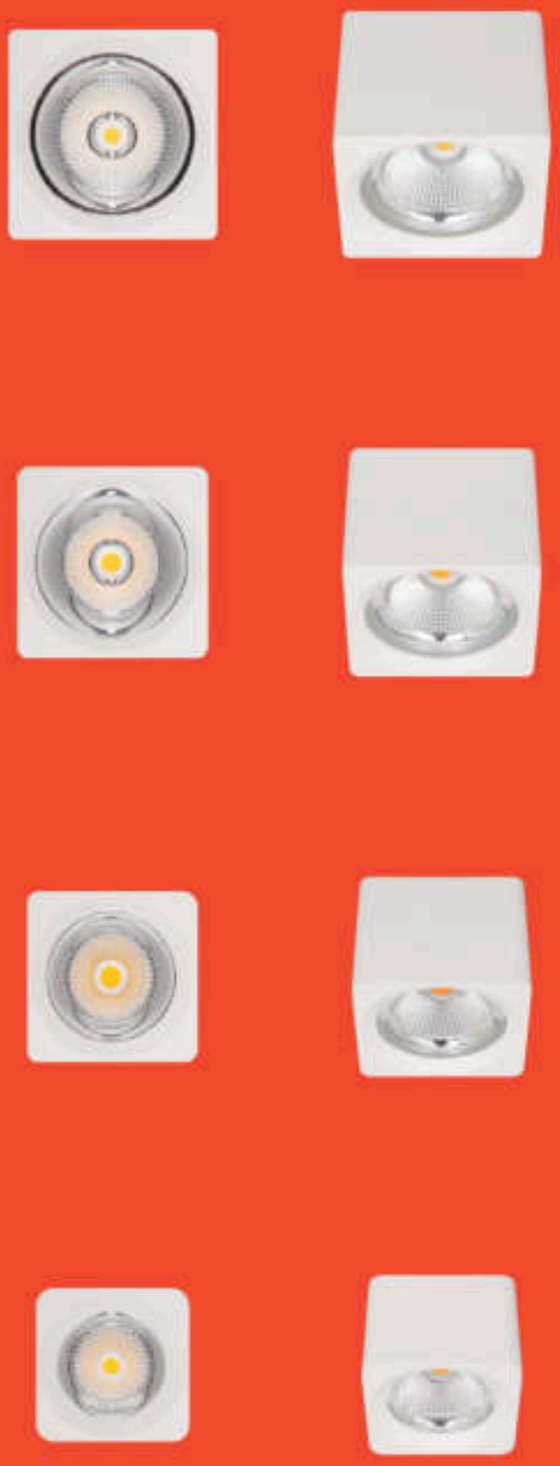
LUMINA
Surface

Lumina is a surface mounted spotlight range with different power and dimension options. Simple square with radius edge form design. LUMINAhas extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration.

Practical mounting system via special lock mecanism of lower plate. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

Low glare light output UGR≤19 despite wide beam angle distribution.

- Aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>



LUMINA SURFACE

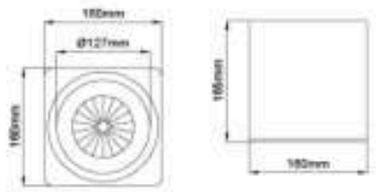


Product Color

White = 01 | Black = 02 | Gray = 03 | Special Color = 04

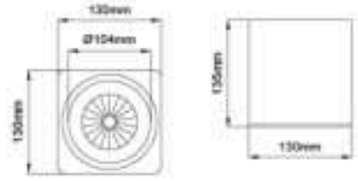


Lumina Maxi Surface

Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
35W	CRI>80	2700K	4150	
		3000K	4235	
		3500K	4320	
		4000K	4405	
		5000K	4540	
	CRI>90	2700K	3860	
		3000K	3940	
		3500K	4020	
		4000K	4097	
kg 1.5		5000K	X	



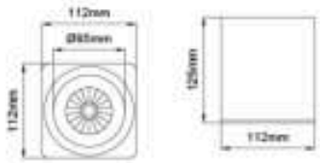
Lumina Midi Surface

Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
28W	CRI>80	2700K	3265	
		3000K	3332	
		3500K	3400	
		4000K	3465	
		5000K	3570	
	CRI>90	2700K	3036	
		3000K	3100	
		3500K	3162	
		4000K	3222	
kg 1		5000K	X	

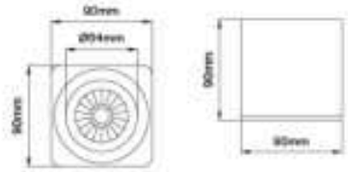
LUMINA SURFACE





Lumina Mini Surface				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
20W	CRI>80	2700K	2490	
		3000K	2540	
		3500K	2590	
		4000K	2645	
		5000K	2722	
	CRI>90	2700K	2316	
		3000K	2362	
		3500K	2410	
		4000K	2460	
kg 0,7		5000K	X	



Lumina Micro Surface				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
10W	CRI>80	2700K	1118	
		3000K	1141	
		3500K	1164	
		4000K	1187	
		5000K	1223	
	CRI>90	2700K	1040	
		3000K	1061	
		3500K	1083	
		4000K	1104	
kg 0,5		5000K	X	

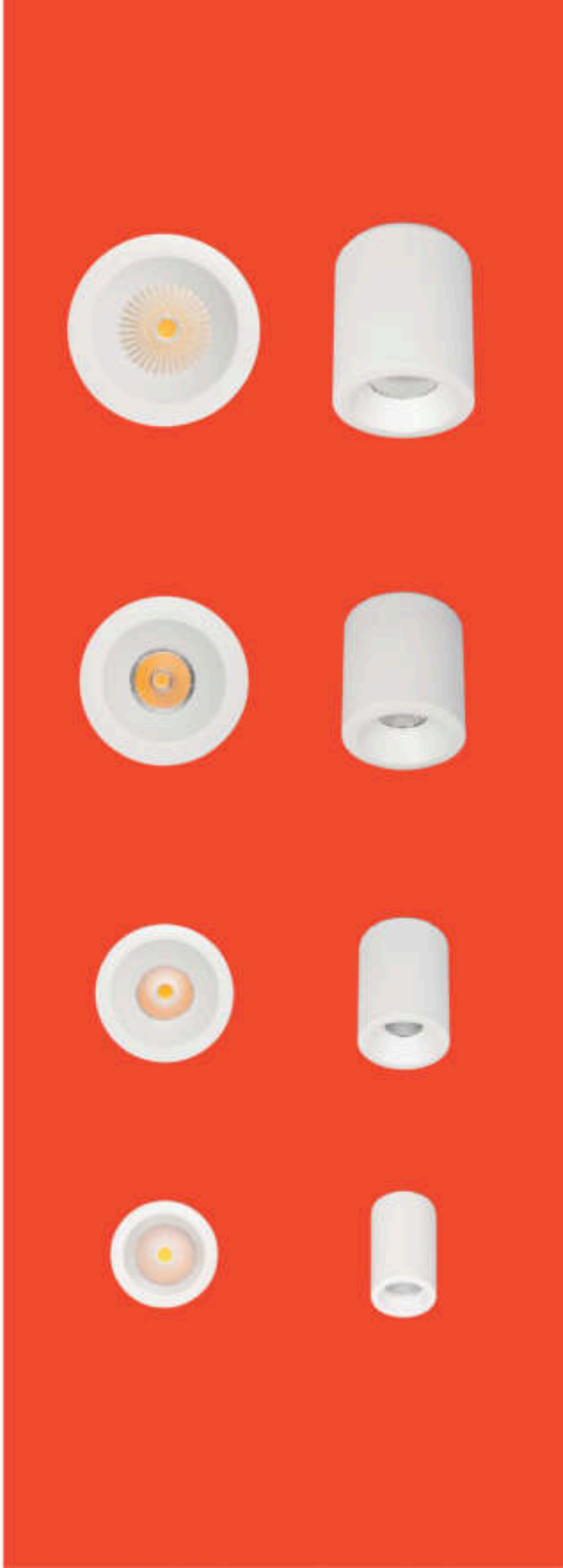
MODULON
Surface

MODULON Surface range has different diameter and power output options with different beam angle option creates an effective architectural lighting solution for projects. Fix and low glare body structure creates visual comfort.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire. Practical mounting system via twist and lock mecanism of lower plate.

MODULON has extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration.

- Aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot and Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 117lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.

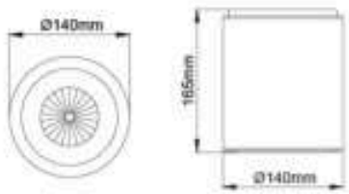


MODULON
MAXI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Modulon Maxi Surface

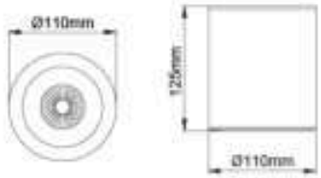
Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2555
		3000K	2620
		3500K	2710
		4000K	2806
		5000K	3002
	CRI>90	2700K	2324
		3000K	2382
		3500K	2466
		4000K	2553
		5000K	X
	CRI>98	2700K	1785
		3000K	1850
		4000K	1981

MODULON
MIDI SURFACE



Product Color	Technical Drawing









Modulon Midi Surface

Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1347
		3000K	1360
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011





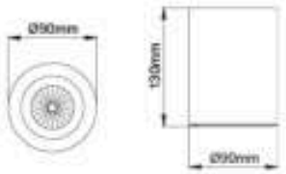


MODULON
MINI SURFACE



Product Color	Technical Drawing









Modulon Mini Surface

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540





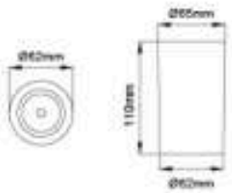


MODULON
MICRO SURFACE



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04





Modulon Micro Surface

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540

OPTON LC
Surface

OPTON LC and MINI OPTON surface luminaires are visiually comfortable and energy efficient lighting with different power and dimension options.

Simple square and rectangular forms. OPTON LC and MINI OPTON has extraordinarily highb light effectiveness with highest lumen per watt COB and efficient reflector integration.

Easy mounting via mounting bracket available at the back of the luminaire reduces assembly time. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 20° rotation on vertical and 20° angle on horizontal axis with mechanical aiming lock.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 130lm/W efficiency.
- High colour consistency: <3 SDCM

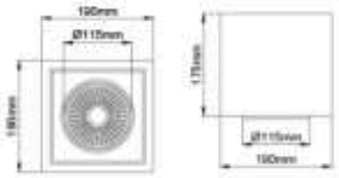


OPTON LC SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Opton LC Surface

Power	CRI	Kelvin	Lümen T_C=50°
42W	CRI>80	2700K	4841
		3000K	4964
		3500K	5136
		4000K	5312
		5000K	5688
	CRI>90	2700K	3723
		3000K	4357
		3500K	4467
		4000K	4622
		5000K	X
	CRI>98	2700K	3909
		3000K	4041
		4000K	4320
	Meat / COB	1800K	2918
	Food / COB	2400K	3004
	FISH / COB	6600K	3965

OPTON LC SURFACE



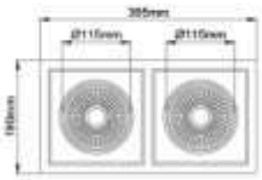
Product Color	Technical Drawing

White = 01


Black = 02

Gray = 03


Special Color = 04





Opton LC Surface

Power	CRI	Kelvin	Lümen T_C=50°
2x42W	CRI>80	2700K	9682
		3000K	9928
		3500K	10272
		4000K	10624
		5000K	11376
	CRI>90	2700K	7446
		3000K	8714
		3500K	8934
		4000K	9244
		5000K	X
	CRI>98	2700K	7818
		3000K	8082
		4000K	8640
	Meat / COB	1800K	5836
	Food / COB	2400K	6008
	FISH / COB	6600K	7930





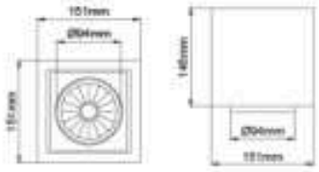


MINI OPTON LC SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Mini Opton LC Surface

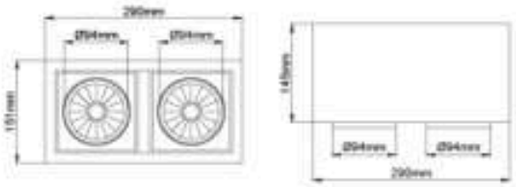
Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905

MINI OPTON LC SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Mini Opton LC Surface

Power	CRI	Kelvin	Lümen T_C=50°
2x28W	CRI>80	2700K	6810
		3000K	7112
		3500K	7192
		4000K	7470
		5000K	7986
	CRI>90	2700K	8286
		3000K	6068
		3500K	6250
		4000K	6320
		5000K	X
	CRI>98	2700K	4918
		3000K	5128
		4000K	5486
	Meat / COB	1800K	4104
	Food / COB	2400K	4226
	FISH / COB	6600K	5810

PROFOND
Surface

PROFOND range has moveable body. High efficient
Lens optic with different beam angle options. Low glare body structure creates visual comfort.

Single, double and round versions available.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 15° rotation on single axis with mechanical aiming lock.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and specialcolor options.
- Only Honeycomb Filter accesorie is available.
- Spot, Medium, Flood, Wide Flood and Oval beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 121lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.











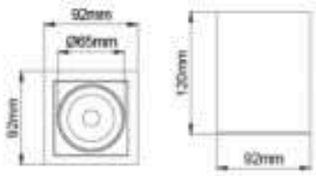


PROFOND SURFACE



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04





Profond Surface

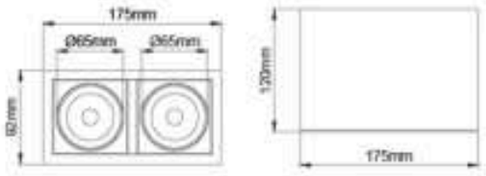
Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205

PROFOND SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Profond Surface

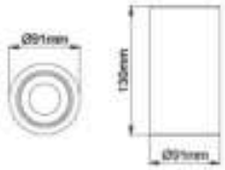
Power	CRI	Kelvin	Lümen T_C =50°
2x15W	CRI>80	2700K	3302
		3000K	3404
		3500K	3524
		4000K	3642
		5000K	3896
	CRI>90	2700K	2972
		3000K	3064
		3500K	3200
		4000K	3336
		5000K	X
	CRI>98	2700K	2170
		3000K	2250
		4000K	2410

PROFOND SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Profond Surface

Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205







AURIS
Surface

Labos AURIS SURFACE fixtures are designed to produce best light output for living and working areas in terms of optimum light efficiency.

DIM versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption.

Thanks to its deep body structure, light source does not reflect to eye directly that ensures required anti-glare standards.

- Aluminium die-cast body.
- PMMA opal diffuser.
- Metallized aluminium reflector attached to front ring.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Standart CRI>80 LED option available.
- Up to 83lm/W efficiency.
- High colour consistency: <3 SDCM
- Easy mounting to ceiling with backplate.

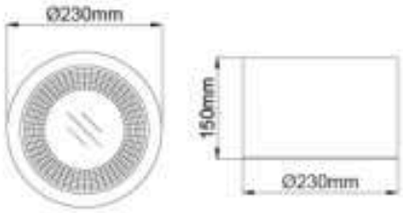


AURIS MAXI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Profond Surface

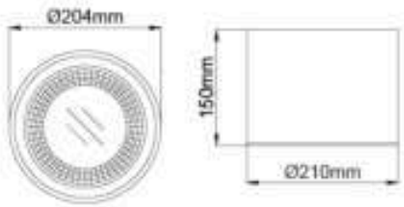
Power	CRI	Kelvin	Lümen T_C =50°
33W	CRI>80	2700K	2550
		3000K	2630
		3500K	2680
		4000K	2737
		5000K	2820
	CRI>90	2700K	2372
		3000K	2445
		3500K	2490
		4000K	2545
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AURIS SURFACE



Product Color	Technical Drawing







Profond Surface

Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	1915
		3000K	1975
		3500K	2015
		4000K	2056
		5000K	2118
	CRI>90	2700K	1780
		3000K	1835
		3500K	1875
		4000K	1912
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





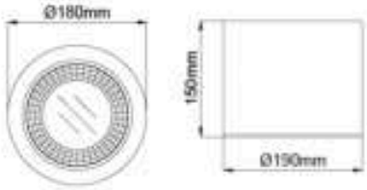


AURIS MIDI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Profond Midi Surface

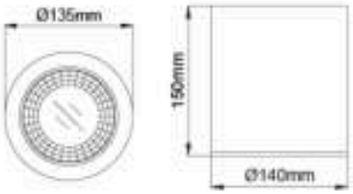
Power	CRI	Kelvin	Lümen T_C =50°
21W	CRI>80	2700K	1435
		3000K	1480
		3500K	1510
		4000K	1540
		5000K	1585
	CRI>90	2700K	1335
		3000K	1375
		3500K	1405
		4000K	1432
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AURIS MINI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Profond Mini Surface

Power	CRI	Kelvin	Lümen T_C =50°
12W	CRI>80	2700K	768
		3000K	790
		3500K	808
		4000K	824
		5000K	850
	CRI>90	2700K	715
		3000K	735
		3500K	750
		4000K	767
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AURIS COB Surface

Labos AURIS COB SURFACE fixtures are designed to produce best light output for living and working areas in terms of optimum light efficiency.

DIM versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption.

Anodized aluminium reflector integrated with highest lumen/Watt COB ensures maximum efficiency.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 127lm/W efficiency.
- High colour consistency: <3 SDCM
- Easy mounting to ceiling with backplate.

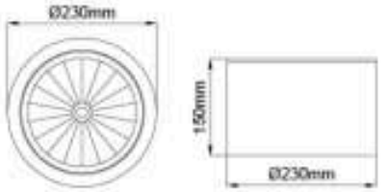


AURIS COB
MAXI SURFACE



Product Color	Technical Drawing







Auris COB Maxi Surface

Power	CRI	Kelvin	Lümen T_c=50°
48W	CRI>80	2700K	5555
		3000K	5731
		3500K	5901
		4000K	6083
		5000K	6259
	CRI>90	2700K	5054
		3000K	5203
		3500K	5362
		4000K	5522
		5000K	X
	CRI>98	2700K	3876
		3000K	3990
		4000K	4235
	Meat / COB	1800K	3387
	Food / COB	2400K	3486
	FISH / COB	6600K	4786





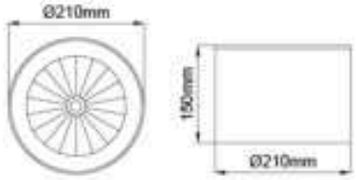


AURIS COB SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04







Auris COB Surface

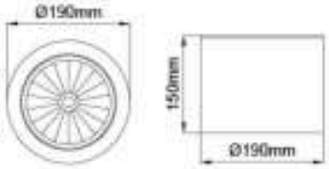
Power	CRI	Kelvin	Lümen T_c=50°
42W	CRI>80	2700K	4495
		3000K	4633
		3500K	4770
		4000K	4913
		5000K	5062
	CRI>90	2700K	4089
		3000K	4209
		3500K	4335
		4000K	4461
		5000K	X
	CRI>98	2700K	3136
		3000K	3228
		4000K	3421
	Meat / COB	1800K	2736
	Food / COB	2400K	2816
	FISH / COB	6600K	3867

AURIS COB
MIDI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Auris COB Midi Surface

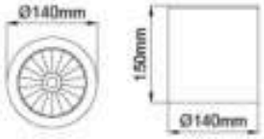
Power	CRI	Kelvin	Lümen T_c=50°
31W	CRI>80	2700K	3267
		3000K	3366
		3500K	3465
		4000K	3569
		5000K	3340
	CRI>90	2700K	2940
		3000K	3029
		3500K	3118
		4000K	3212
		5000K	X
	CRI>98	2700K	2254
		3000K	2323
		4000K	2463
	Meat / COB	1800K	1970
	Food / COB	2400K	2028
	FISH / COB	6600K	2786

AURIS COB
MINI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04







Auris COB Mini Surface

Power	CRI	Kelvin	Lümen T_c=50°
20W	CRI>80	2700K	2662
		3000K	2715
		3500K	2796
		4000K	2880
		5000K	3082
	CRI>90	2700K	2462
		3000K	2511
		3500K	2586
		4000K	2664
		5000K	X
	CRI>98	2700K	1888
		3000K	1925
		4000K	2063
	Meat / COB	1800K	1650
	Food / COB	2400K	1699
	FISH / COB	6600K	2335

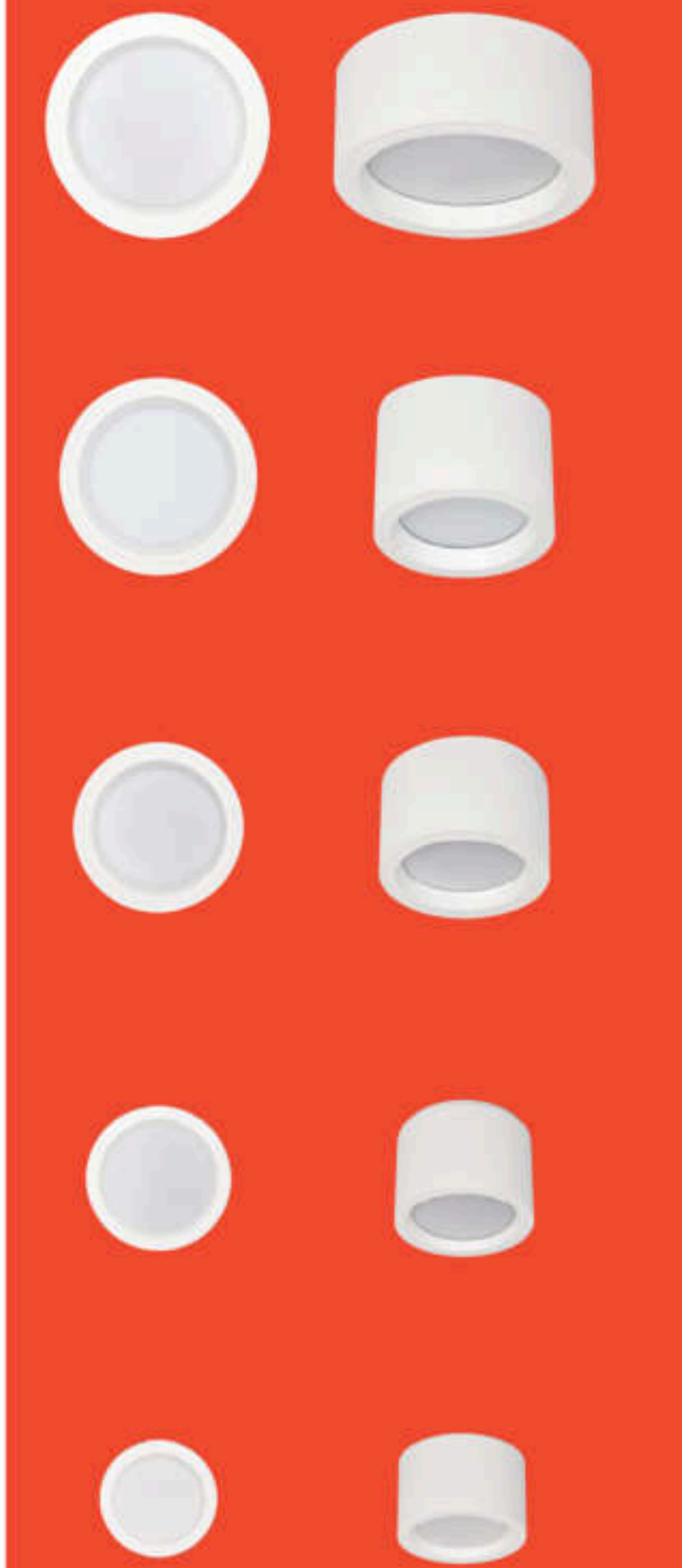
HYDROS
Surface

Labos HYDROS SURFACE fixtures are designed toproduce best light output for living and working areas in terms of optimum light efficiency.

DIM versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption.

Lower height versions available with combination of AC PCB board technology that creates advantage for areas with low ceiling height.

- Aluminium die-cast body.
- PMMA opal diffuser.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Standart CRI>80 LED option available.
- Up to 106lm/W efficiency.
- High colour consistency: <3 SDCM
- Easy mounting to ceiling with backplate.

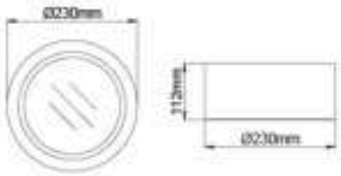


HYDROS
MEGA SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Hydros Mega Surface

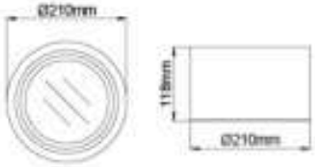
Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	2775
		3000K	2859
		3500K	2917
		4000K	2977
		5000K	3066
	CRI>90	2700K	2581
		3000K	2659
		3500K	2713
		4000K	2851
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

HYDROS
MAXI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Hydros Maxi Surface

Power	CRI	Kelvin	Lümen T_C=50°
24V	CRI>80	2700K	1568
		3000K	1616
		3500K	1649
		4000K	1683
		5000K	1733
	CRI>90	2700K	1458
		3000K	1503
		3500K	1534
		4000K	1565
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

HYDROS SURFACE



Product Color	Technical Drawing

White = 01


Black = 02

Gray = 03


Special Color = 04





Hydros Surface

Power	CRI	Kelvin	Lümen T_C=50°
20W	CRI>80	2700K	1990
		3000K	2051
		3500K	2093
		4000K	2136
		5000K	2200
	CRI>90	2700K	1850
		3000K	1907
		3500K	1946
		4000K	1986
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





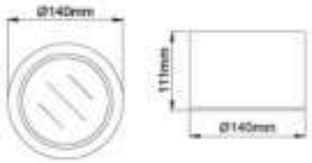


HYDROS
MIDI SURFACE



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Hydros Midi Surface

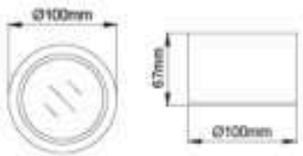
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1202
		3000K	1239
		3500K	1264
		4000K	1290
		5000K	1329
	CRI>90	2700K	1118
		3000K	1152
		3500K	1176
		4000K	1200
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

HYDROS
MINI SURFACE



Product Color	Technical Drawing





Hydros Mini Surface

Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	676
		3000K	697
		3500K	711
		4000K	725
		5000K	747
	CRI>90	2700K	629
		3000K	648
		3500K	661
		4000K	674
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







CYLITE
Pendant

CYLITE Pendant is a suspended spotlight range with different power and dimension options. Simple cylindrical form design. It has extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration. Complete range can be supplied up to 5.00mt steel suspension wire.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot, Medium and Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 113lm/W efficiency.
- High colour consistency: <3 SDCM
- Steel suspension cord integrated with up to 5.00mt lenght option.
- Luminaire supplied with ceiling rose for mains connection.



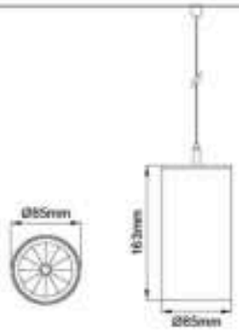
CYLITE
MAXI PENDANT



Product Color



Technical Drawing







Cylite Maxi Pendant

Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	3147
		3000K	3286
		3500K	3324
		4000K	3452
		5000K	3690
	CRI>90	2700K	2547
		3000K	2812
		3500K	2889
		4000K	2920
		5000K	X
	CRI>98	2700K	2390
		3000K	2464
		4000K	2563







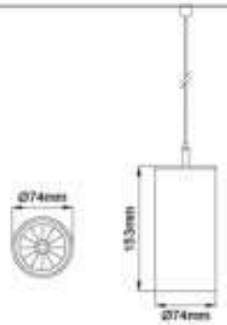
CYLITE
MIDI PENDANT



Product Color



Technical Drawing







Cylite Midi Pendant

Power	CRI	Kelvin	Lümen T_C=50°
20W	CRI>80	2700K	2432
		3000K	2507
		3500K	2557
		4000K	2609
		5000K	2660
	CRI>90	2700K	2262
		3000K	2332
		3500K	2379
		4000K	2462
		5000K	X
	CRI>98	2700K	1741
		3000K	1796
		4000K	1869







CYLITE
MINI PENDANT



Product Color



Technical Drawing





Cylite Mini Pendant

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1517
		3000K	1563
		3500K	1594
		4000K	1627
		5000K	1659
	CRI>90	2700K	1411
		3000K	1454
		3500K	1482
		4000K	1513
		5000K	X
	CRI>98	2700K	1087
		3000K	1020
		4000K	1064

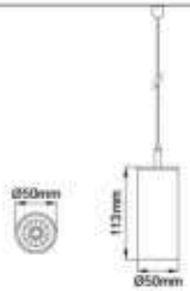
CYLITE
MICRO PENDANT



Product Color



Technical Drawing







Cylite M'cro Pendant

Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	995
		3000K	1027
		3500K	1048
		4000K	1067
		5000K	1100
	CRI>90	2700K	930
		3000K	960
		3500K	980
		4000K	998
		5000K	X
	CRI>98	2700K	677
		3000K	697
		4000K	725







OPTIS
Pendant

OPTIS is a pendant mounted spotlight range with different power and dimension options. Simple cylindrical form design it has extraordinarily high light effectiveness with highest lumen per watt COB and efficient reflector integration. Complete range can be supplied up to 5.00mt steel suspension wire.

Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA , 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Spot, Medium, Flood and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 136lm/W efficiency.
- High colour consistency: <3 SDCM
- Steel suspension cord integrated with up to 5.00mt lenght option.
- Luminaire supplied with ceiling rose for mains connection.
- Emergency kit system can be integrated only if the lenght of the fixture increases.

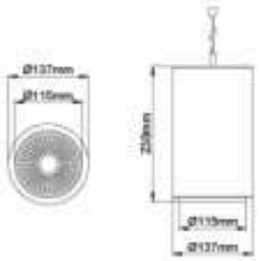


OPTIS
MAXI PENDANT



Product Color	Technical Drawing







Optis Maxi Pendant

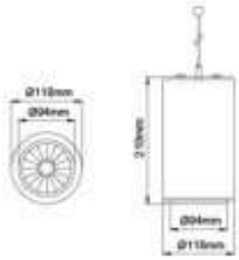
Power	CRI	Kelvin	Lümen T_C=50°
35W	CRI>80	2700K	4126
		3000K	4239
		3500K	4377
		4000K	4529
		5000K	4846
	CRI>90	2700K	3708
		3000K	3800
		3500K	3932
		4000K	4208
		5000K	X
	CRI>98	2700K	3083
		3000K	3195
		4000K	3418
	Meat / COB	1800K	2662
	Food / COB	2400K	2744
	FISH / COB	6600K	3629

OPTIS PENDANT



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04







Optis Pendant

Power	CRI	Kelvin	Lümen T_c=50°
28W	CRI>80	2700K	3405
		3000K	3556
		3500K	3596
		4000K	3735
		5000K	3993
	CRI>90	2700K	2756
		3000K	3044
		3500K	3125
		4000K	3160
		5000K	X
	CRI>98	2700K	2459
		3000K	2564
		4000K	2743
	Meat / COB	1800K	2052
	Food / COB	2400K	2113
	FISH / COB	6600K	2905

OPTIS
MIDI PENDANT



Product Color	Technical Drawing









Optis Midi Pendant

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1347
		3000K	1380
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X







OPTIS
MINI PENDANT



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04





Optis Mini Pendant

Power	CRI	Kelvin	Lümen T_C=50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540
	Meat / COB	1800K	X
	Food / COB	2400K	X
	FISH / COB	6600K	X

MODULON
Pendant

MODULON range has different diameter and power output options only with medium beam angle option creates an effective architectural lighting solution for projects. Steel suspension chain with optional up to 5mt lenght.

Fix and low glare body structure creates visual comfort. Honeycomb filter to reduce glare and colour filter to give different lighting effects can be integrated to the luminaire.

- Aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Clear safety glass.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Spot and Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 117lm/W efficiency.
- High colour consistency: <3 SDCM
- Steel suspension cord integrated with up to 5.00mt lenght option.
- Luminaire supplied with ceiling rose for mains connection.
- Emergency kit system can be integrated only if the lenght of the fixture increases.



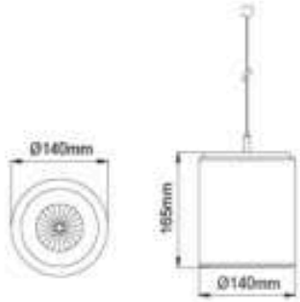
MODULON
MAXI PENDANT



Product Color



Technical Drawing





Modulon Maxi Pendant

Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2555
		3000K	2620
		3500K	2710
		4000K	2806
		5000K	3002
	CRI>90	2700K	2324
		3000K	2382
		3500K	2466
		4000K	2553
		5000K	X
	CRI>98	2700K	1785
		3000K	1850
		4000K	1981

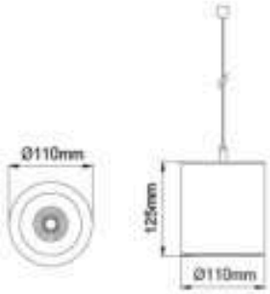
MODULON
MIDI PENDANT



Product Color



Technical Drawing





Modulon Midi Pendant

Power	CRI	Kelvin	Lümen T_C =50°
15W	CRI>80	2700K	1347
		3000K	1380
		3500K	1429
		4000K	1478
		5000K	1582
	CRI>90	2700K	1212
		3000K	1241
		3500K	1285
		4000K	1329
		5000K	X
	CRI>98	2700K	930
		3000K	964
		4000K	1011

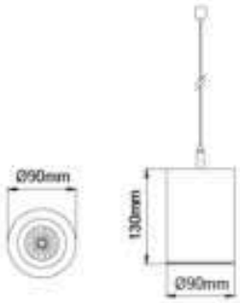
MODULON
MINI PENDANT



Product Color



Technical Drawing





Modulon Mini Pendant

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540

MODULON
MICRO PENDANT



Product Color



Technical Drawing







Modulon Micro Pendant

Power	CRI	Kelvin	Lümen T_C =50°
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
	CRI>98	2700K	496
		3000K	516
		4000K	540







PROFOND
Pendant

PROFOND has different beam angle option creates an effective architectural lighting solution for projects. Low glare body structure creates visual comfort.

Steel suspension chain with optional up to 5mt lenght.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 20° rotation on single axis with mechanical aiming lock.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Grayand special color options.
- Only Honeycomb Filter accesorie is available.
- Spot, Medium, Flood, Wide Flood and Oval beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 121lm/W efficiency.
- High colour consistency: <3 SDCM
- Steel suspension cord integrated with up to 5.00mt lenght option.
- Luminaire supplied with ceiling rose for mains connection.
- Emergency kit system can be integrated only if the lenght of the fixture increases.



PROFOND PENDANT



Product Color	Technical Drawing

White = 01 | Black = 02 | Gray = 03 | Special Color = 04







Profond Pendant

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205







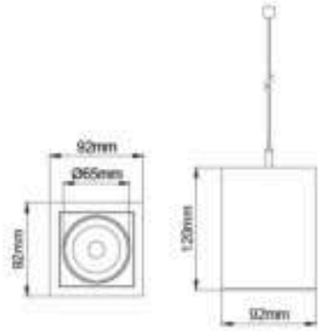
PROFOND PENDANT



Product Color

White = 01 | Black = 02 | Gray = 03 | Special Color = 04

Technical Drawing







Profond Pendant

Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1651
		3000K	1702
		3500K	1762
		4000K	1821
		5000K	1948
	CRI>90	2700K	1486
		3000K	1532
		3500K	1600
		4000K	1668
		5000K	X
	CRI>98	2700K	1085
		3000K	1125
		4000K	1205

STUDIO PRO

STUDIO PRO is a low bay type pendant fixtures convenient to be used in industial areas, open ceiling stores and offices.

With special reflector adaptation, luminaire can be applied in food sector as well.

Preferred applicaitons heights are between 4-6mt. Steel suspension cable and mains cable mounting base plate is being supplied with the luminaire.

Honeycomb filter to reduce glare can be integrated to the luminaire.





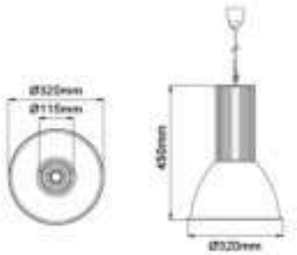


STUDIO PRO



Product Color	Technical Drawing







Studio Pro

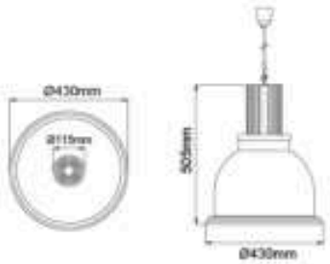
Power	CRI	Kelvin	Lümen T_c=50°
31W	CRI>80	2700K	3161
		3000K	3498
		3500K	3620
		4000K	3746
		5000K	3987
	CRI>90	2700K	3025
		3000K	3102
		3500K	3211
		4000K	3323
		5000K	X
	CRI>98	2700K	2805
		3000K	2895
		4000K	2950
	Meat / COB	1800K	2360
	Food / COB	2400K	2440
	FISH / COB	6600K	3225

STUDIO PRO



Product Color	Technical Drawing







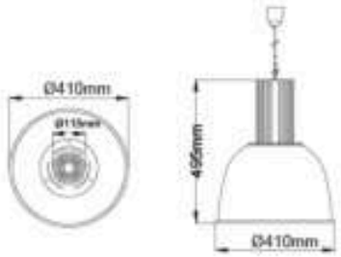
Studio Pro			
Power	CRI	Kelvin	Lümen T_c=50°
48W	CRI>80	2700K	4883
		3000K	5004
		3500K	5180
		4000K	5361
		5000K	5736
	CRI>90	2700K	4394
		3000K	4503
		3500K	4661
		4000K	4824
		5000K	X
	CRI>98	2700K	4385
		3000K	4522
		4000K	4710
	Meat / COB	1800K	3600
	Food / COB	2400K	3760
	FISH / COB	6600K	4990

STUDIO PRO



Product Color	Technical Drawing







Studio Pro			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
48W	CRI>80	2700K	4969
		3000K	5092
		3500K	5271
		4000K	5455
		5000K	5837
	CRI>90	2700K	4471
		3000K	4582
		3500K	4743
		4000K	4909
		5000K	X
	CRI>98	2700K	4253
		3000K	4385
		4000K	4570
	Meat / COB	1800K	3492
	Food / COB	2400K	3645
	FISH / COB	6600K	4840

AURIS DOWNLIGHT

Labos AURIS indoor fixtures are designed to produce best light output for living and working areas in terms of optimum light efficiency.

Thanks to its over 83lm/W efficiency with different power and diameter options, Leila downlights are not only feasible choice for new projects, but also feasible for replacement of old downlights in existing working spaces.

Thanks to its deep body structure, light source does not reflect to eye directly that ensures required low UGR standards. With the attachment of extra Microprismatic diffuser attachment, UGR values can be further lowered.

Various dimming versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption. Four different size options available with different power and lumen output.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 83lm/W efficiency.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- Gold plated reflector accessory option available upon request.
- UGR<22 in standart version.
- UGR<19 in microprismatic diffuser accessory integration.
- Emergency kit system can be integrated.

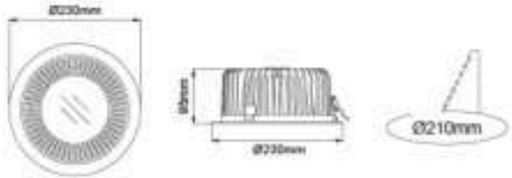


AURIS
MAXI DOWNLIGHT



Product Color	Technical Drawing









Auris Maxi Downlight

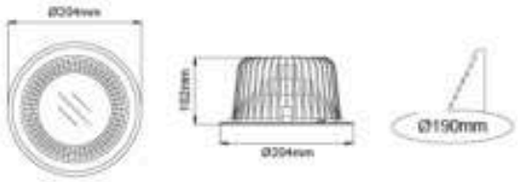
Power	CRI	Kelvin	Lümen T_C =50°
33W	CRI>80	2700K	2550
		3000K	2630
		3500K	2680
		4000K	2737
		5000K	2820
	CRI>90	2700K	2372
		3000K	2445
		3500K	2490
		4000K	2545
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AURIS
DOWNLIGHT



Product Color	Technical Drawing









Auris Downlight

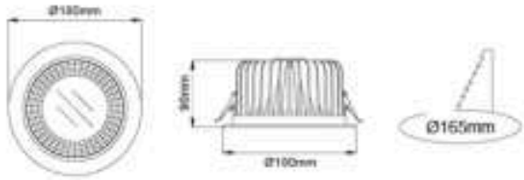
Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	1915
		3000K	1975
		3500K	2015
		4000K	2056
		5000K	2118
	CRI>90	2700K	1780
		3000K	1835
		3500K	1875
		4000K	1912
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AURIS
MIDI DOWNLIGHT



Product Color	Technical Drawing









Auris Midi Downlight

Power	CRI	Kelvin	Lümen T_C =50°
21W	CRI>80	2700K	1435
		3000K	1480
		3500K	1510
		4000K	1540
		5000K	1585
	CRI>90	2700K	1335
		3000K	1375
		3500K	1405
		4000K	1432
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X



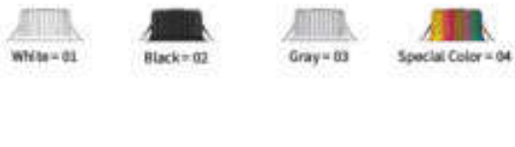


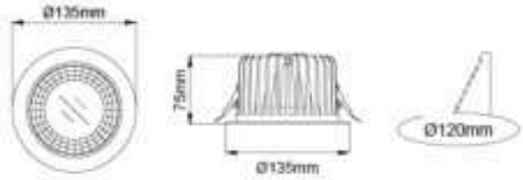


AURIS
MINI DOWNLIGHT



Product Color	Technical Drawing









Auris Mini Downlight			
Power	CRI	Kelvin	Lümen T_C =50°
12W	CRI>80	2700K	768
		3000K	790
		3500K	808
		4000K	824
		5000K	850
	CRI>90	2700K	715
		3000K	735
		3500K	750
		4000K	767
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

AURIS
INDIRECT

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim and Wireless Dim options.
- Basic colours: White, Black, Gray, Dark Gray, RAL9010 and special color options.
- Indirect Light distribution (Batwing).
- Standart CRI>80 and high CRI>90 LED options available.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- UGR<19
- Emergency kit system can be integrated.







AURIS INDIRECT



Product Color	Technical Drawing









Auris Indirect			
Power	CRI	Kelvin	Lümen T_C =50°
35W	CRI>80	2700K	2572
		3000K	2652
		3500K	2731
		4000K	2813
		5000K	2898
	CRI>90	2700K	2392
		3000K	2466
		3500K	2540
		4000K	2616
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







AURIS SQUARE
Downlight

Avolux LEILA SQUARE indoor fixtures are designed to produce best light output for living and working areas in terms of optimum light efficiency.

Thanks to its over 73lm/W efficiency, Leila square downlights are not only feasible choice for new projects, but also feasible for replacement of old downlights in existing working spaces with square frame. Thanks to its deep body structure, light source does not reflect to eye directly that ensures required anti-glarestandards.

Dimmable versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White and Wireless Dim options.
- Basic colours: White, Black, Gray, Dark Gray, RAL9010 and special color options.
- Wide Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 73lm/W efficiency.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- Gold plated reflector accessory option available upon request.
- UGR<22 in standart version.
- UGR<19 in microprismatic diffuser accessory in
- High colour consistency: <3 SDCM
- Steel suspension cord integrated with up to 5.00mt lenght option.
- Luminaire supplied with ceiling rose for mains connection.
- Emergency kit system can be integrated only if the lenght of the fixture increases.









AURIS SQUARE DOWNLIGHT



Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04

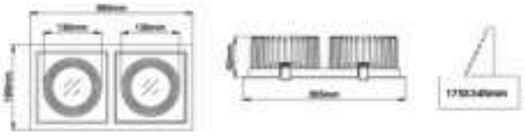


Auris Square Downlight			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
kg 1,3	CRI>98	2700K	496
		3000K	516
		4000K	540





Auris Square Downlight			
Power	**CRI**	**Kelvin**	**Lümen T_c=50°**
7W	CRI>80	2700K	720
		3000K	737
		3500K	763
		4000K	790
		5000K	845
	CRI>90	2700K	648
		3000K	663
		3500K	686
		4000K	710
		5000K	X
kg 2,5	CRI>98	2700K	496
		3000K	516
		4000K	540



HYDROS
Downlight

Labos HYDROS Downlight provides homogen diffuse light output. Opal diffuser stays slightly inside to the frame.

Thanks to its over 100lm/W efficiency with high efficient opal diffuser integrated with highest lumen/watt midpower leds, HYDROS Downlight is not only feasible choice for new projects, but also feasible for replacement of old downlights in existing working spaces. With the attachment of extra Microprismatic diffuser attachment, UGR values can be further lowered.

Various dimming versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption. Five different size options available with different power and lumen output.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 107lm/W efficiency.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- UGR<25 in standart version.
- UGR<22 in microprismatic diffuser accessory integration.
- Emergency kit system can be integrated.

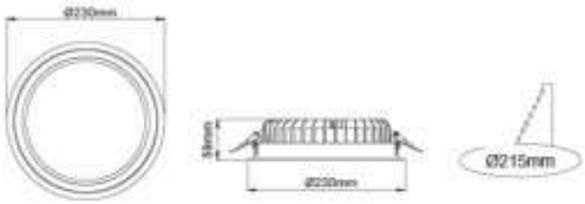


HYDROS
MEGA DOWNLIGHT



Product Color	Technical Drawing









Hydros Mega Downlight

Power	CRI	Kelvin	Lümen T_C=50°
28W	CRI>80	2700K	2775
		3000K	2859
		3500K	2917
		4000K	2977
		5000K	3066
	CRI>90	2700K	2581
		3000K	2659
		3500K	2713
		4000K	2851
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







HYDROS
MAXI DOWNLIGHT



Product Color	Technical Drawing


White = 01


Black = 02


Gray = 03


Special Color = 04









Hydros Maxi Downlight

Power	CRI	Kelvin	Lümen T_C=50°
24W	CRI>80	2700K	1568
		3000K	1616
		3500K	1649
		4000K	1683
		5000K	1733
	CRI>90	2700K	1458
		3000K	1503
		3500K	1534
		4000K	1565
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







HYDROS
DOWNLIGHT



Product Color	Technical Drawing







Hydros Downlight

Power	CRI	Kelvin	Lümen T_C=50°
20W	CRI>80	2700K	1990
		3000K	2051
		3500K	2093
		4000K	2136
		5000K	2200
	CRI>90	2700K	1850
		3000K	1907
		3500K	1946
		4000K	1986
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X



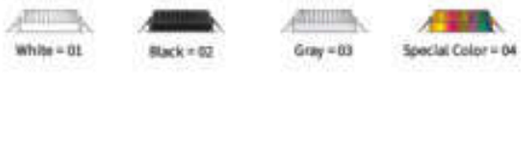


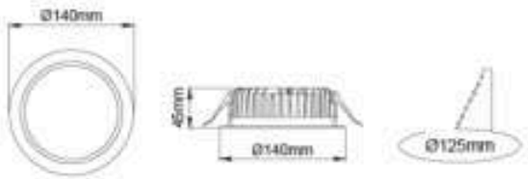


HYDROS
MIDI DOWNLIGHT



Product Color	Technical Drawing







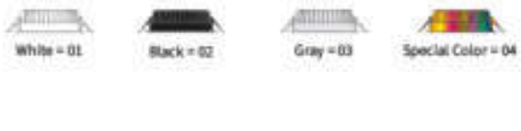


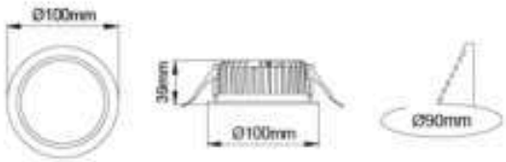
Hydros Midi Downlight			
Power	CRI	Kelvin	Lümen T_C=50°
15W	CRI>80	2700K	1202
		3000K	1239
		3500K	1264
		4000K	1290
		5000K	1329
	CRI>90	2700K	1118
		3000K	1152
		3500K	1176
		4000K	1200
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

HYDROS
MINI DOWNLIGHT



Product Color	Technical Drawing









Hydros Mini Downlight			
Power	CRI	Kelvin	Lümen T_C=50°
10W	CRI>80	2700K	676
		3000K	697
		3500K	711
		4000K	725
		5000K	747
	CRI>90	2700K	629
		3000K	648
		3500K	661
		4000K	674
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

LUMETRIX DOWNLIGHT

Labos LUMETRIX Downlight provides homogen diffuse light output. Opal diffuser stays flush to the frame.

Thanks to its over 110lm/W efficiency with high efficient opal diffuser integrated with highest lumen/watt midpower leds, LUMETRIX Downlight is not only feasible choice for new projects, but also feasible for replacement of old downlights in existing working spaces.

Dimmable versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption. Three different

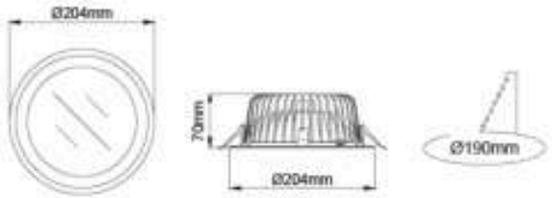


LUMETRIX DOWNLIGHT



Product Color	Technical Drawing







Lumetrix Downlight

Power	CRI	Kelvin	Lümen T_C =50°
24W	CRI>80	2700K	2395
		3000K	2470
		3500K	2520
		4000K	2571
		5000K	2650
	CRI>90	2700K	2230
		3000K	2300
		3500K	2345
		4000K	2390
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





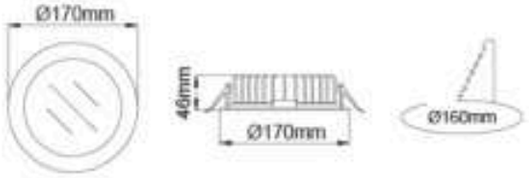


LUMETRIX
MIDI DOWNLIGHT



Product Color	Technical Drawing







Lumetrix Midi Downlight

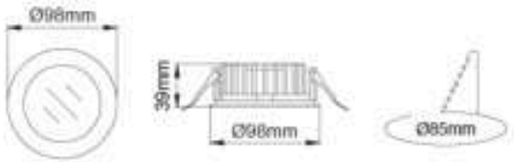
Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	1770
		3000K	1825
		3500K	1863
		4000K	1901
		5000K	1960
	CRI>90	2700K	1650
		3000K	1700
		3500K	1735
		4000K	1770
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X

LUMETRIX
MINI DOWNLIGHT



Product Color	Technical Drawing







Lumetrix Mini Downlight

Power	CRI	Kelvin	Lümen T_C =50°
20W	CRI>80	2700K	625
		3000K	645
		3500K	693
		4000K	707
		5000K	728
	CRI>90	2700K	581
		3000K	600
		3500K	645
		4000K	658
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







LUMETRIX SLIM DOWNLIGHT

Labos LUMETRIX SLIM Downlight provides homogen diffuse light output and super slim structure at the same time.

Unlike other classic slim downlights, LUMETRIX SLIM is a backlight downlight with high efficient light output.

Various dimming versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption. Five different size options available with different power and lumen outputs.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Ultra slim structure.
- Classic dimming systems of NOVA and 1-10V Dim options.
- High tech control systems of Wireless Dim option.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 102lm/W efficiency.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- Emergency kit system can be integrated.



LUMETRIX SLIM DOWNLIGHT



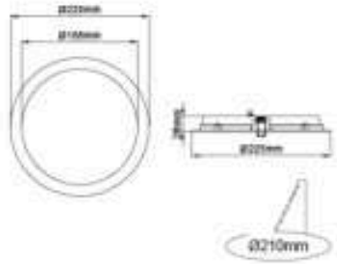
Product Color

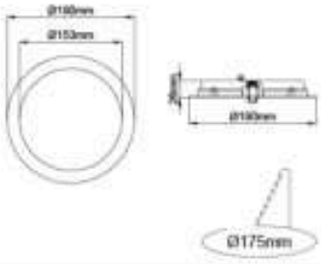

White = 01


Black = 02


Gray = 03


Special Color = 04

Lumetrix Slim Mega Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
28W	CRI>80	2700K	2706	
		3000K	2761	
		3500K	2817	
		4000K	2875	
		5000K	2961	
	CRI>90	2700K	2517	
		3000K	2568	
		3500K	2620	
		4000K	2674	
		5000K	X	

Lumetrix Slim Maxi Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
24W	CRI>80	2700K	2282	
		3000K	2352	
		3500K	2400	
		4000K	2450	
		5000K	2523	
	CRI>90	2700K	2122	
		3000K	2185	
		3500K	2230	
		4000K	2275	
		5000K	X	



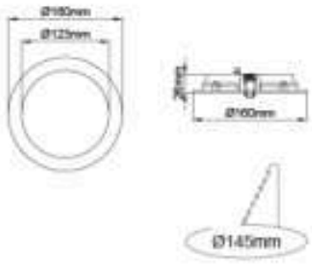




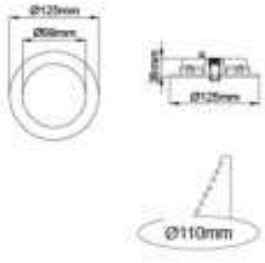
LUMETRIX SLIM DOWNLIGHT



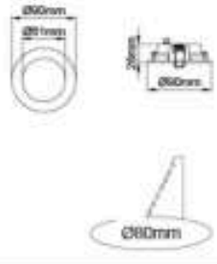
Lumetrix Slim Midi Downlight

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
16W	CRI>80	2700K	1520	
		3000K	1568	
		3500K	1600	
		4000K	1632	
		5000K	1680	
	CRI>90	2700K	1414	
		3000K	1456	
		3500K	1485	
		4000K	1515	
		5000K	X	

Lumetrix Slim Mini Downlight

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
13W	CRI>80	2700K	1045	
		3000K	1078	
		3500K	1100	
		4000K	1122	
		5000K	1155	
	CRI>90	2700K	972	
		3000K	1000	
		3500K	1020	
		4000K	1041	
		5000K	X	

Lumetrix Slim Micro Downlight

Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
6W	CRI>80	2700K	570	
		3000K	588	
		3500K	600	
		4000K	612	
		5000K	630	
	CRI>90	2700K	530	
		3000K	545	
		3500K	557	
		4000K	568	
		5000K	X	

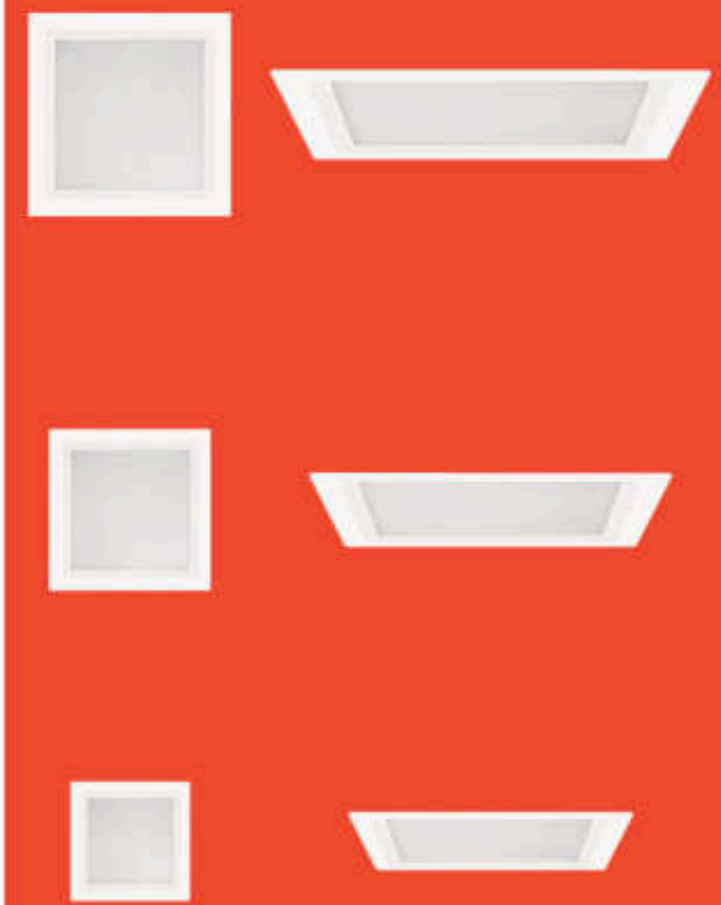
KARION DOWNLIGHT

Labos KARION Downlight provides homogen diffuse light output in square casing.

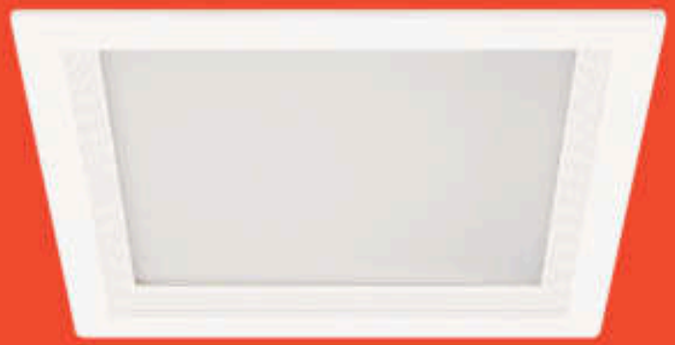
Thanks to its over 90lm/W efficiency with high efficient opal diffuser integrated with highest lumen/watt midpower leds, KARION Downlight is not only feasible choice for new projects, but also feasible for replacement of old square downlights in existing working spaces.

Nova dimmable versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption. Three different size options available with different power and lumen output.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation. options.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White and Wireless Dim options.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 92lm/W efficiency.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- Emergency kit system can be integrated.

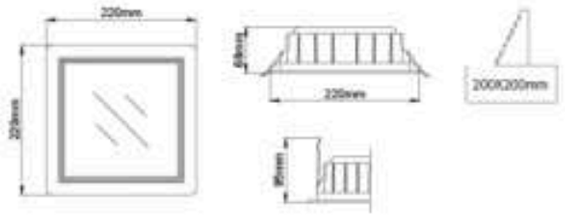


KARION DOWNLIGHT



Product Color	Technical Drawing







Karion Downlight

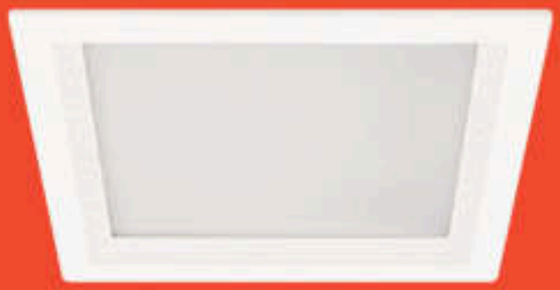
Power	CRI	Kelvin	Lümen T_C =50°
23W	CRI>80	2700K	1972
		3000K	2033
		3500K	2075
		4000K	2117
		5000K	2180
	CRI>90	2700K	1834
		3000K	1890
		3500K	1930
		4000K	1970
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





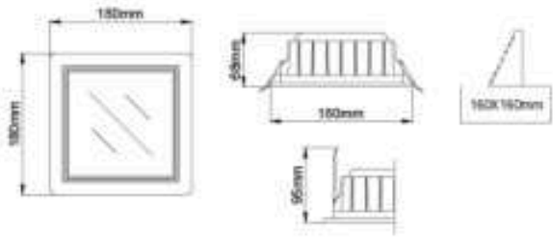


KARION MIDI DOWNLIGHT



Product Color	Technical Drawing







Karion Midi Downlight

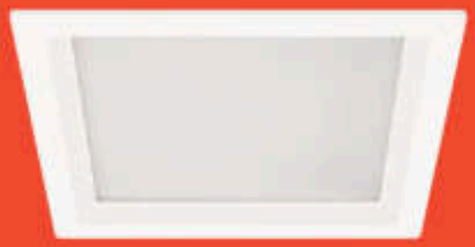
Power	CRI	Kelvin	Lümen T_C =50°
19W	CRI>80	2700K	1520
		3000K	1565
		3500K	1600
		4000K	1631
		5000K	1680
	CRI>90	2700K	1413
		3000K	1455
		3500K	1488
		4000K	1517
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X





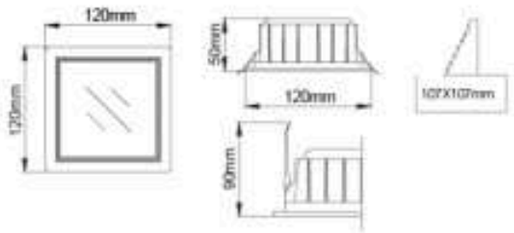


KARION MINI DOWNLIGHT



Product Color	Technical Drawing







Karion Mini Downlight

Power	CRI	Kelvin	Lümen T_C =50°
10W	CRI>80	2700K	1520
		3000K	1565
		3500K	1600
		4000K	1631
		5000K	1680
	CRI>90	2700K	1413
		3000K	1455
		3500K	1488
		4000K	1517
		5000K	X
	CRI>98	2700K	X
		3000K	X
		4000K	X







KARION SLIM
Downlight

Labos KARION SLIM square Downlight provides homogen diffuse light output and super slim structure at the same time. Unlike other classic slim downlights, KARION SLIM is a backlight downlight with high efficient light output.

Various dimming versions also available. In this way, light flow can be automatically regulated for further reducing energy consumption. Four different size options available with different power and lumen outputs.

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Ultra slim structure.
- Classic dimming systems of NOVA and 1-10V Dim options.
- High tech control systems of Wireless Dim option.
- Basic colours: White, Black, Gray and special color options.
- Wide Flood beam light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 102lm/W efficiency.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- Emergency kit system can be integrated.



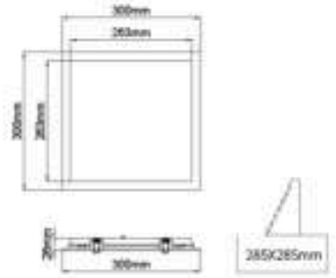
KARION SLIM DOWNLIGHT

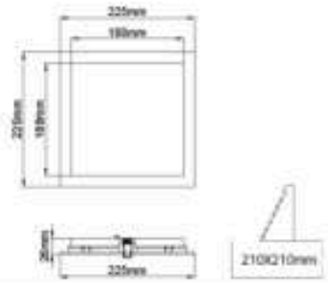


Product Color



White = 01 Black = 02 Gray = 03 Special Color = 04

Karion Slim Mega Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
33W	CRI>80	2700K	3130	
		3000K	3227	
		3500K	3293	
		4000K	3360	
		5000K	3465	
	CRI>90	2700K	2911	
		3000K	3000	
		3500K	3060	
		4000K	3120	
		5000K	X	

Karion Slim Maxi Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
23W	CRI>80	2700K	2185	
		3000K	2252	
		3500K	2300	
		4000K	2345	
		5000K	2415	
	CRI>90	2700K	2032	
		3000K	2093	
		3500K	2135	
		4000K	2178	
		5000K	X	

KARION SLIM DOWNLIGHT



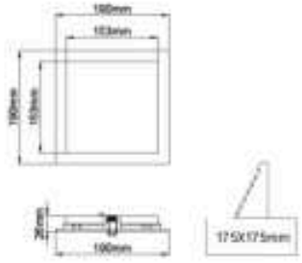
Product Color

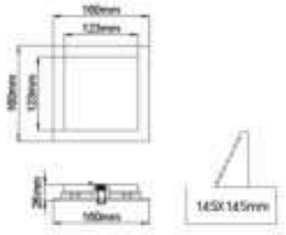

White = 01


Black = 02


Gray = 03


Special Color = 04

Karion Slim Midi Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
19W	CRI>80	2700K	3130	
		3000K	3227	
		3500K	3293	
		4000K	3360	
		5000K	3465	
	CRI>90	2700K	2911	
		3000K	3000	
		3500K	3060	
		4000K	3120	
		5000K	X	

Karion Slim Mini Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
10W	CRI>80	2700K	2185	
		3000K	2252	
		3500K	2300	
		4000K	2345	
		5000K	2415	
	CRI>90	2700K	2032	
		3000K	2093	
		3500K	2135	
		4000K	2178	
		5000K	X	



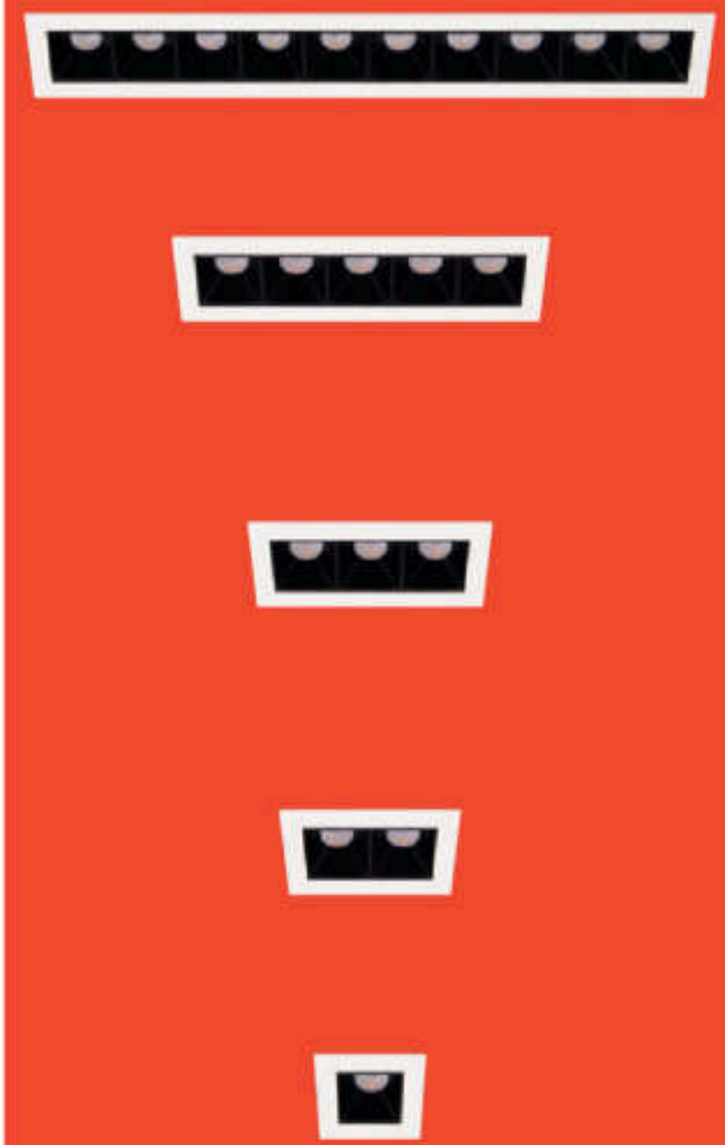




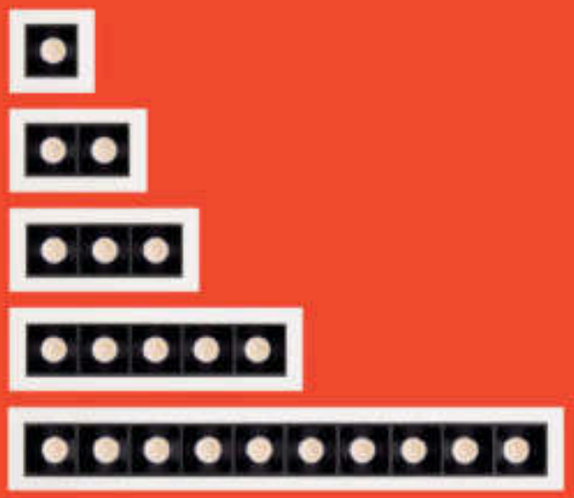
VECTOR
Downlight

Attractive design with different number of lamp combinations. Aluminium frame and antiglare aluminium mask creates architectural look. Power led lens optic enables different beam angle solutions.

There is a wide range of application areas for VECTOR from residential spaces to offices. Apart from classic dimming systems of 1-10V, Phase-Cut DIM and NOVA, Tunable White, Warm DIM, RGBW and Wireless DIM options can be applied to VECTOR range.



VECTOR DOWNLIGHT

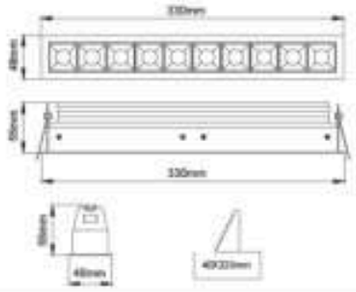


Product Color

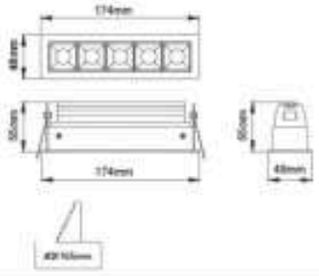


White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Vector Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
20W	CRI>80	2700K	1958	
		3000K	2019	
		3500K	2060	
		4000K	2102	
		5000K	2165	
	CRI>90	2700K	1821	
		3000K	1878	
		3500K	1915	
		4000K	1955	
		5000K	X	



Vector Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
10W	CRI>80	2700K	980	
		3000K	1010	
		3500K	1030	
		4000K	1051	
		5000K	1082	
	CRI>90	2700K	911	
		3000K	939	
		3500K	958	
		4000K	978	
		5000K	X	

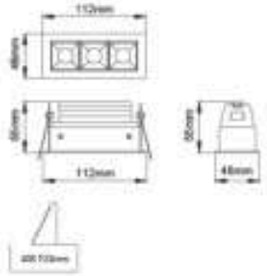




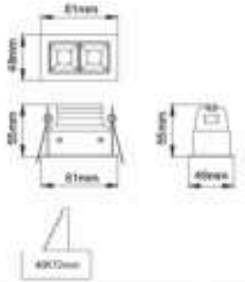


VECTOR DOWNLIGHT

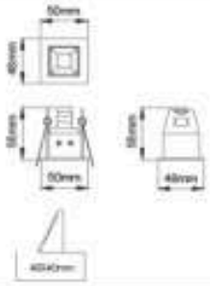


Vector Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
6W	CRI>80	2700K	554	
		3000K	571	
		3500K	583	
		4000K	595	
		5000K	613	
	CRI>90	2700K	515	
		3000K	531	
		3500K	542	
		4000K	553	
		5000K	X	



Vector Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
4W	CRI>80	2700K	345	
		3000K	355	
		3500K	363	
		4000K	370	
		5000K	381	
	CRI>90	2700K	320	
		3000K	330	
		3500K	338	
		4000K	344	
		5000K	X	



Vector Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
2W	CRI>80	2700K	143	
		3000K	147	
		3500K	150	
		4000K	153	
		5000K	158	
	CRI>90	2700K	133	
		3000K	137	
		3500K	140	
		4000K	142	
		5000K	X	

VECTOR PICO
Downlight

Attractive design with different number of lamp combinations. Aluminium frame and antiglare aluminium mask creates architectural look. COB spotlights in different combinations integrated to this range to create ambiance and effect lighting at the same time. There is a wide range of application areas for VECTOR PICO from residential spaces to offices.

Apart from classic dimming systems of 1-10V, Phase-Cut DIM and NOVA, Tunable White, Warm DIM and Wireless DIM options can be applied to VECTOR PICO range.

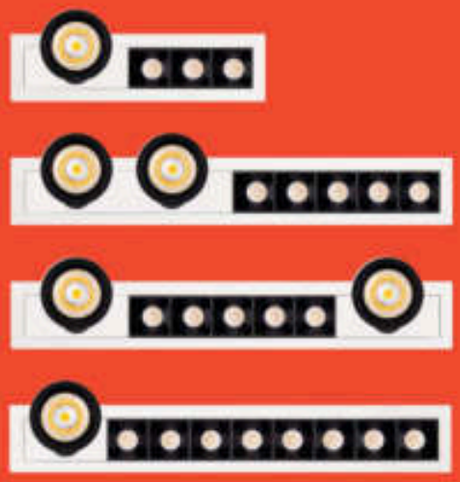








VECTOR PICO DOWNLIGHT

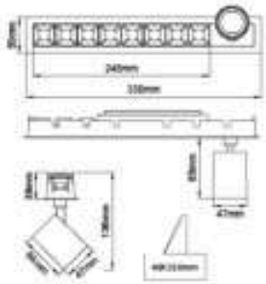


Product Color

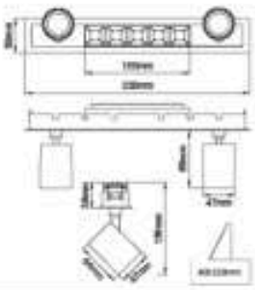


White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Vector Pi coDownlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
21W	CRI>80	2700K	1917	
		3000K	1955	
		3500K	1994	
		4000K	2034	
		5000K	2095	
	CRI>90	2700K	1792	
		3000K	1828	
		3500K	1865	
		4000K	1902	
		5000K	X	



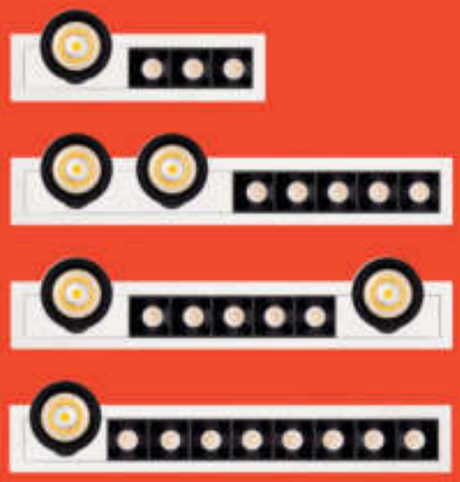
Vector Pico Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
20W	CRI>80	2700K	1692	
		3000K	1726	
		3500K	1761	
		4000K	1796	
		5000K	1850	
	CRI>90	2700K	1581	
		3000K	1613	
		3500K	1645	
		4000K	1678	
		5000K	X	







VECTOR PICO DOWNLIGHT

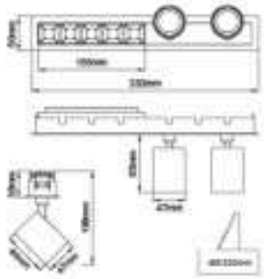


Product Color

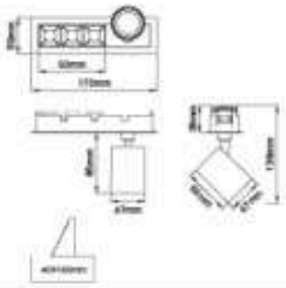


White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Vector Pico Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
20W	CRI>80	2700K	1692	
		3000K	1726	
		3500K	1761	
		4000K	1796	
		5000K	1850	
	CRI>90	2700K	1581	
		3000K	1613	
		3500K	1645	
		4000K	1678	
		5000K	X	



Vector Pico Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
11W	CRI>80	2700K	910	
		3000K	928	
		3500K	947	
		4000K	966	
		5000K	995	
	CRI>90	2700K	850	
		3000K	867	
		3500K	884	
		4000K	902	
		5000K	X	

VECTOR ASYA
Downlight

Attractive design with different number of lamp combinations. Aluminium frame and antiglare aluminium mask creates architectural look. COB spotlights in different combinations integrated to this range to create ambiance and effect lighting at the same time. There is a wide range of application areas for VECTOR ASYA from residential spaces to offices.

Apart from classic dimming systems of 1-10V, Phase-Cut DIM and NOVA, Tunable White, Warm DIM and Wireless DIM options can be applied to VECTOR ASYA range.

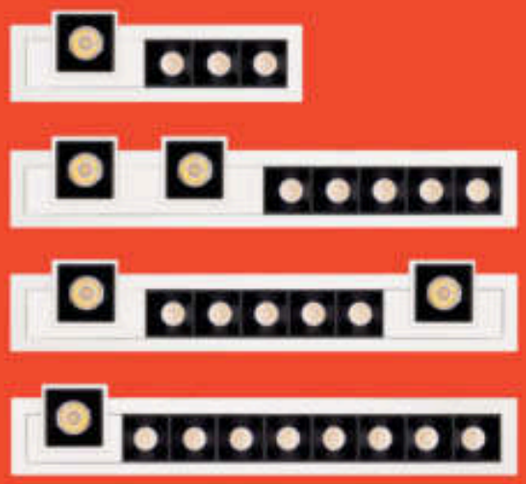








VECTOR ASYA DOWNLIGHT

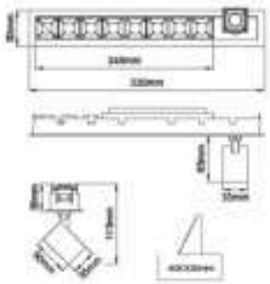


Product Color

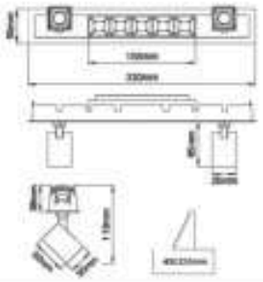


White = 01 | Black = 02 | Gray = 03 | Special Color = 04

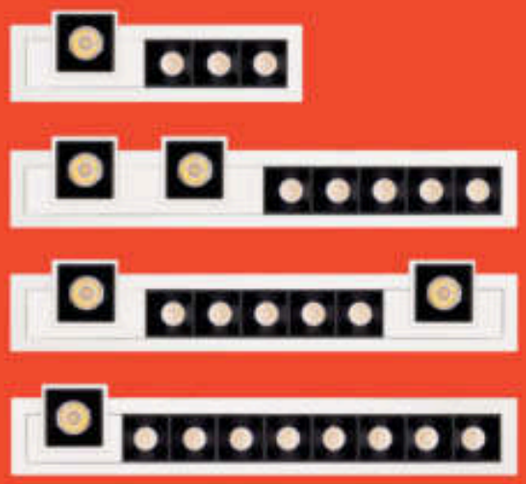


Vector Asya Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
18W	CRI>80	2700K	1791	
		3000K	1827	
		3500K	1864	
		4000K	1901	
		5000K	1958	
	CRI>90	2700K	1674	
		3000K	1707	
		3500K	1741	
		4000K	1776	
		5000K	X	



Vector Asya Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
14W	CRI>80	2700K	1439	
		3000K	1468	
		3500K	1497	
		4000K	1527	
		5000K	1573	
	CRI>90	2700K	1345	
		3000K	1372	
		3500K	1399	
		4000K	1427	
		5000K	X	

VECTOR ASYA DOWNLIGHT

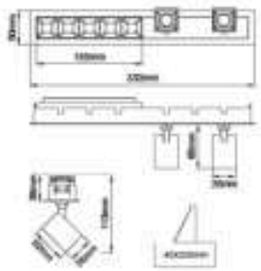


Product Color



White = 01 | Black = 02 | Gray = 03 | Special Color = 04



Vector Asya Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
18W	CRI>80	2700K	1439	
		3000K	1468	
		3500K	1497	
		4000K	1527	
		5000K	1573	
	CRI>90	2700K	1345	
		3000K	1372	
		3500K	1399	
		4000K	1427	
		5000K	X	



Vector Asya Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
14W	CRI>80	2700K	783	
		3000K	799	
		3500K	815	
		4000K	831	
		5000K	856	
	CRI>90	2700K	732	
		3000K	747	
		3500K	762	
		4000K	777	
		5000K	X	

VECTOR MAXI
Downlight

Attractive design with different number of lamp combinations. Aluminium frame and antiglare PMMA mask creates architectural look.

Led lens optic enables different beam angle solutions. There is a wide range of application areas for VECTOR MAXI from residential spaces to offices.

Apart from classic dimming systems of 1-10V, Phase-Cut DIM and NOVA, Tunable White, Warm DIM, RGBW and Wireless DIM options can be applied to PARS MAXI range.





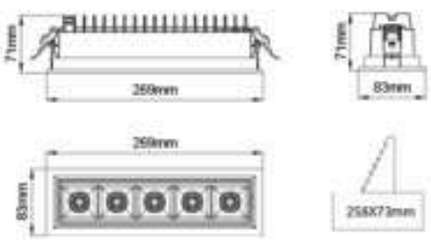


VECTOR MAXI DOWNLIGHT



Product Color	Technical Drawing









Vector Maxi Downlight

Power	CRI	Kelvin	Lümen T_C =50°
35W	CRI>80	2700K	2805
		3000K	2892
		3500K	2950
		4000K	3010
		5000K	3100
	CRI>90	2700K	2610
		3000K	2690
		3500K	2745
		4000K	2800
		5000K	X
	CRI>98	2700K	
		3000K	
		4000K	







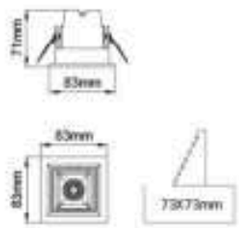
VECTOR MAXI DOWNLIGHT





Vector Maxi Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
15W	CRI>80	2700K	1195	
		3000K	1231	
		3500K	1255	
		4000K	1280	
		5000K	1320	
	CRI>90	2700K	1111	
		3000K	1145	
		3500K	1167	
		4000K	1228	
		5000K	X	
kg 0,6	CRI>98	2700K		
		3000K		
		4000K		



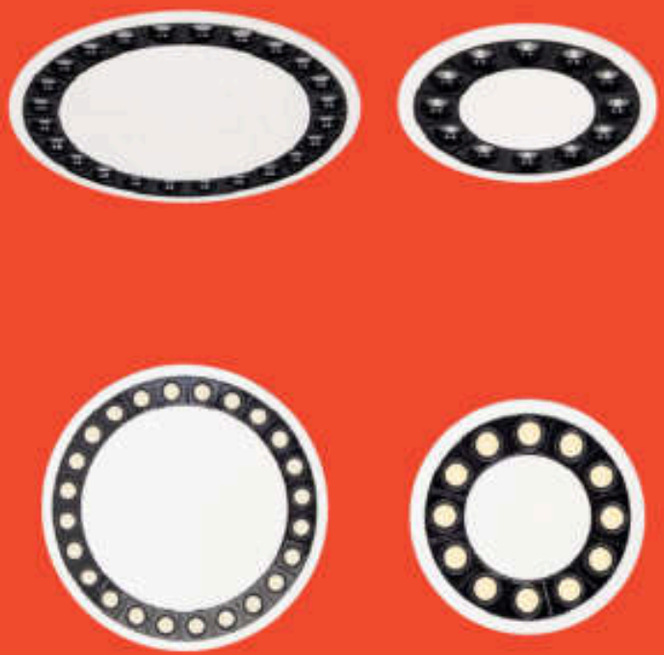
Vector Maxi Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
5W	CRI>80	2700K	393	
		3000K	405	
		3500K	413	
		4000K	421	
		5000K	434	
	CRI>90	2700K	365	
		3000K	377	
		3500K	384	
		4000K	392	
		5000K	X	
kg 0,3	CRI>98	2700K		
		3000K		
		4000K		

OBRIX
Downlight

Attractive design with two different number of LED combinations. Aluminium frame and antiglare PMMA mask creates architectural look.

Power led lens optic enables different beam angle solutions. There is a wide range of application areas for OBRIX from residential spaces to offices.

Apart from classic dimming systems of 1-10V, Phase- Cut DIM and NOVA, Tunable White, Warm DIM, RGBW and Wireless DIM options can be applied to SATURN range.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Classic dimming systems of NOVA, 1-10V and Phase-Cut Dim options.
- High tech control systems of Tuneable White, Warm Dim, Wireless Dim and RGBW options.
- Basic colours: White, Black, Gray and special color options.
- Spot, Medium and Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 124lm/W efficiency.
- Special antiglare PMMA black coated optic with UGR<19 function.
- High colour consistency: <3 SDCM
- IP44 Protection rating.
- Emergency kit system can be integrated.

OBRIX DOWNLIGHT





Product Color

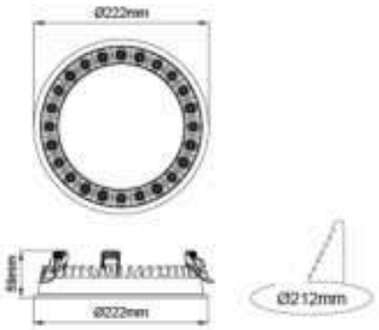

White = 01


Black = 02

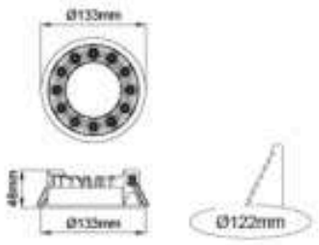

Gray = 03


Special Color = 04



Obrix Maxi Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
35W	CRI>80	2700K	2667	
		3000K	2750	
		3500K	2805	
		4000K	2862	
		5000K	2947	
	CRI>90	2700K	2482	
		3000K	2559	
		3500K	2607	
		4000K	2660	
		5000K	X	
	CRI>98	2700K	X	
		3000K	X	
		4000K	X	



Obrix Mini Downlight				
Power	CRI	Kelvin	Lümen T_c =50°	Technical Drawing
20W	CRI>80	2700K	1483	
		3000K	1531	
		3500K	1561	
		4000K	1593	
		5000K	1639	
	CRI>90	2700K	1381	
		3000K	1423	
		3500K	1450	
		4000K	1480	
		5000K	X	
	CRI>98	2700K	X	
		3000K	X	
		4000K	X	







AURALIS
Downlight



AURALIS uses 5050 SMD LED technology integrated with multiple Lenses to create uniform and clean light output. All sizes of this range has the same capability with three different beam angle of spot, medium and wide flood options.

Highest lumen per watt LED options preferred to increase the functionality. Clever heatsink design enables maximum lifetime with minimal possible outer dimensions. Luminaire can rotate 60° in vertical direction.



- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- 60° rotation on vertical axis with mechanical aiming lock.
- Classic dimming systems of Phase-Cut, 1-10V and NOVA Dim options.
- High tech control system of Wireless Dim option.
- Basic colours: White, Black, Gray and special color options.
- Available accesories are Honeycomb Filter and Colour Filter.
- Super Spot, Medium and Wide Flood beam angle options available with rotationally symmetric light distribution.
- Standart CRI>80, high CRI>90 and super high CRI>98 LED options available.
- Up to 98lm/W efficiency.
- High colour consistency: <3 SDCM
- Emergency kit system can be integrated.



AURALIS DOWNLIGHT



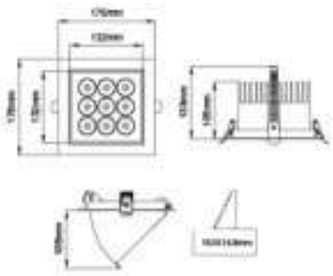
Product Color



White = 01 Black = 02 Gray = 03 Special Color = 04



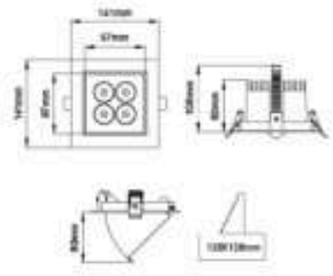
Auralis Maxi Downlight

Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
25W	CRI>80	2700K	2282	
		3000K	2353	
		3500K	2401	
		4000K	2450	
		5000K	2523	
	CRI>90	2700K	2122	
		3000K	2185	
		3500K	2230	
		4000K	2274	
		5000K	X	

kg
1,1



Auralis Mini Downlight

Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
14W	CRI>80	2700K	1054	
		3000K	1087	
		3500K	1109	
		4000K	1132	
		5000K	1166	
	CRI>90	2700K	937	
		3000K	966	
		3500K	986	
		4000K	1006	
		5000K	X	

kg
0,6

AXIS PRO
Downlight



AXIS PRO integrates latest technology high power leds with excellent beam control.Heatsink designed to ensure longest lifetime. AXIS PRO is convenient to be used in many applications including shoplighting.

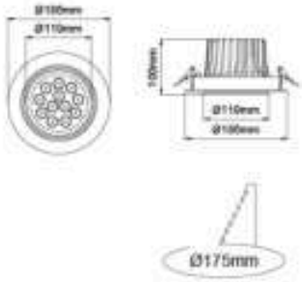
Apart from classic dimming systems of 1-10V, Phase- Cut DIM and NOVA, Tunable White, Warm DIM, RGBW and Wireless DIM options can be applied to AXIS PRO.

AXIS PRO DOWNLIGHT



Product Color	Technical Drawing







Axis Pro Downlight			
Power	CRI	Kelvin	Lümen T_C=50°
27W	CRI>80	2700K	2940
		3000K	3030
		3500K	3092
		4000K	3155
		5000K	3250
	CRI>90	2700K	2734
		3000K	2818
		3500K	2875
		4000K	2935
		5000K	X

LUMETRIX
Downlight

LUMEA MIDI and MINI integrates latest technology high power leds with excellent beam control. Heatsink designed to ensure longest lifetime. It is convenient to be used in many applications.

Apart from classic dimming systems of 1-10V, Phase- Cut DIM and NOVA, Tunable White, Warm DIM and Wireless DIM options can be applied to LUMETRIX MIDI and MINI.





LUMETRIX DOWNLIGHT





Product Color



White = 01



Black = 02

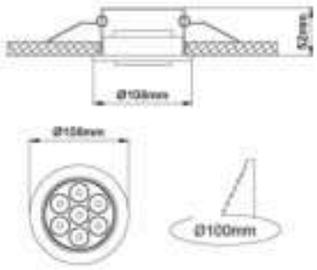


Gray = 03

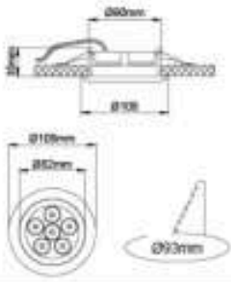


Special Color = 04



Lumetrix Midi Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
8W	CRI>80	2700K	922	
		3000K	950	
		3500K	970	
		4000K	990	
		5000K	1020	
	CRI>90	2700K	857	
		3000K	884	
		3500K	902	
		4000K	920	
		5000K	X	



Lumetrix Mini Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
6W	CRI>80	2700K	713	
		3000K	735	
		3500K	750	
		4000K	765	
		5000K	788	
	CRI>90	2700K	663	
		3000K	684	
		3500K	698	
		4000K	712	
		5000K	X	







LUMINOUS DOWNLIGHT

Clean surface finished aluminium or chrome coated with easy to assembly structure creates niche effects on detail lighting applications. This range is convenient to be used in applications such as jewellery illumination and all other kind of decorative lighting applications in hotels, museums etc.



LUMINOUS DOWNLIGHT



Product Color	Technical Drawing

White = 01 Black = 02 Gray = 03 Special Color = 04





Luminous Downlight			
Power	CRI	Kelvin	Lümen T_c=50°
2W	CRI>80	2700K	186
		3000K	192
		3500K	196
		4000K	200
		5000K	205
	CRI>90	2700K	173
		3000K	179
		3500K	182
		4000K	186
		5000K	X

LUMINOUS DOWNLIGHT

- Die-cast aluminium body.
- Mains voltege: 220-240V / 50-60Hz.
- Clever thermal design with passive heat dissipation.
- Basic colours: White, Black, Gray specialcolor options.
- Super Spot, Medium and Flood beam angle option available with rotationally symmetric light distribution.
- Standart CRI>80 and high CRI>90 LED options available.
- Up to 131lm/W efficiency.
- High colour consistency: <3 SDCM





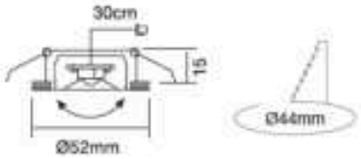


LUMINOUS DOWNLIGHT

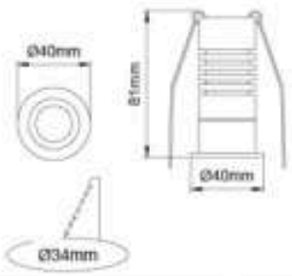




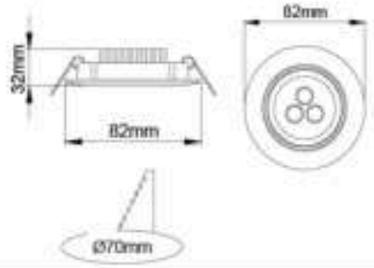


Luminous Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
2W	CRI>80	2700K	186	
		3000K	192	
		3500K	196	
		4000K	200	
		5000K	205	
	CRI>90	2700K	173	
		3000K	179	
		3500K	182	
		4000K	186	
		5000K	X	



Luminous Downlight				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
2W	CRI>80	2700K	186	
		3000K	192	
		3500K	196	
		4000K	200	
		5000K	205	
	CRI>90	2700K	173	
		3000K	179	
		3500K	182	
		4000K	186	
		5000K	X	



Opton Led				
Power	CRI	Kelvin	Lümen T_C =50°	Technical Drawing
4W	CRI>80	2700K	491	
		3000K	506	
		3500K	517	
		4000K	527	
		5000K	543	
	CRI>90	2700K	456	
		3000K	470	
		3500K	481	
		4000K	490	
		5000K	X	

Lighting the Future

labos

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