LUXAR

LIGHTING

ETT LIGHTING

LUXAR

Catalogue

2022

5 YEAR MANUFACTURER'S WARRANTY

All LUXAR brand products come with a
standard five year warranty.

Our company

LUXAR is an official premium brand of company ETT Lighting d.o.o. which is one of the leading companies in the field of lighting - planning, manufacturing and installation of luminaires. ETT Lighting is a company with a long tradition for more than 30 years in the field of lighting. We cooperate with established international companies for lighting equipment. You will find only the best quality materials in our products with high energy efficiency and a long life span.

With our experience and expertise, we are trusted business partner for a wide range of companies at home and abroad. We were the first in Slovenia to get the certificate for DALI protocol, with which we can achieve even higher energy savings and a creative lightning controls. The goal of ETT Lighting is to remain at the top with our expertise for our business partners, and to work on new, more efficient and eco-friendlier technologies. The results of our countless experiences, which we gained on complex projects, is one of our strong points for our business partners. With a modern business organization, professional qualifications, technical equipment and experience of more than 30 years, we gained a vast circle of business partners.

SLOVENIAN OEM LIGHTING MANUFACTURER

Our luminaires enrich your investment with fashionable, smart and modular urban lighting for YOUR city.

References
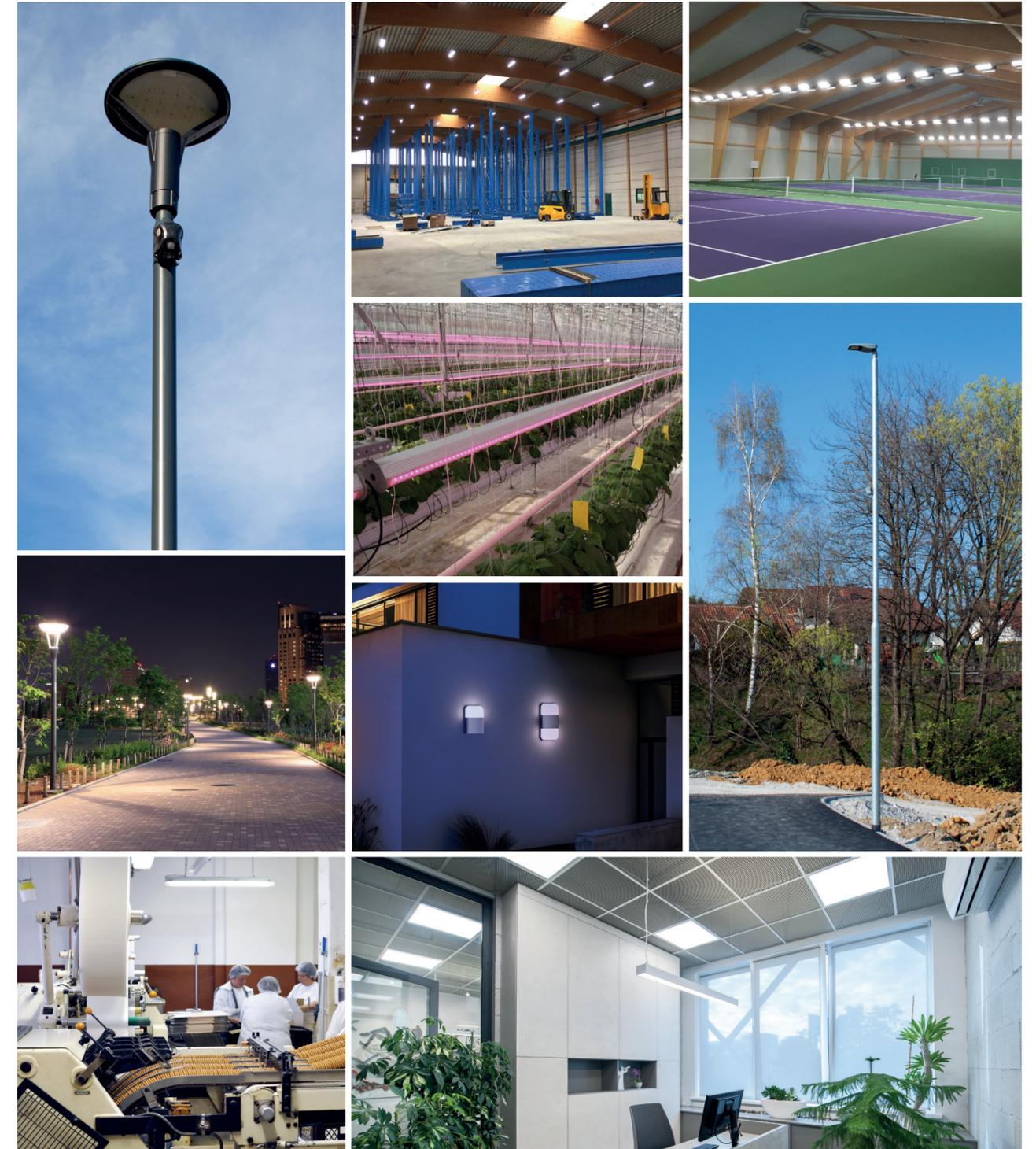
Legend

LED	LED light sources	
IPXX	Water and dust protection	
	Insulation Class I (with ground)	
DALI 1-10 V 0-10 V	Dimming signal output	
CE	Product can be sold on the European Union market	

BIN	Strictly selected LED bins
CRI > XX	Color Rendering Index
	Insulation Class II (without ground)
DIM 1-100 %	Dimming value
	Recyclable materials

IKXX	Impact resistance level
	Surge protection device
xx°C	High ambient operating temperature
	European mark for high quality electrical products

All LUXAR products are within the WEEE (Waste from Electrical and Electronic Equipment) directive.

CRI
Color rendering index

CRI - is the measuring unit used to determine the ability of a light source to reveal the colors of various objects faithfully in comparison with the ideal or natural light source.
High CRI lights are needed in those applications where color reproduction is important, such as textile and food sector light.

LUXAR

URBAN & STREET LIGHTS

HIGH BAY LIGHTS

LINEAR LIGHTS

URBAN & STREET LIGHTS

LED street light is the best alternative for traditional street and area lighting with quick payback and improved performance.
This luminaires are easy to install, high efficiency with uniform lighting distribution and reasonable cost.

Saturn

Saturn brings architectural style to the project, it can be used for urban area or street aplications. The design brings a desired organic look into the urban environment.

Professional optics provide an excellent effect, managing glare while providing high levels of visibility.

Made of Aluminum Alloy.

LED | BIN | CRI >70 | IP66 | IK08

DALI 1-10 V 0-10 V | DIM 1-100 %

Technical Data @3000K

Model No.	SATURN 040	SATURN 060	SATURN 075	SATURN 100
Power Consumption (±5%)	40W	60W	75W	100W
Power Supply	TRIDONIC with integrated 6kV surge protection			
Input Voltage	100-240 VAC , 50 / 60 Hz			
Power Factor	>0.92			
Surge Protection Device	10kV			
Control	DALI			

Optic Information

LED Type	LED 3030			
Luminous Flux (±10%)	5600lm	8400lm	10500lm	14000lm
Efficacy(4000K Ra70)	140lm/W			
Correlated Color Temperature	3000K (4000K, 5000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	R01201, R01203, R01204, R01205, R01207, R01208, R01209			

Photometry 100W-200W beam angle

R01201, R01203, R01204, R01205, R01207, R01208, R01209

Key features

• LED Post Top Light / Garden Light
• Contemporary, architectural design, elegant appearance
• Smooth housing without any screws exposed
• Lumen packages ranging from 4800 - 12000lm
• Professional optics provide exellent glare management, while providing high level of visibility
• IK08, IP66 rated
• Ø60mm post top mount
• Area, site and pedestrian scale applications
• Dimming control signal DALI, ready2mains, chronoSTEP

Applications

• Residential area
• Private garden/ Parks
• River bank
• Public square
• Walkway / Path way

Dimensions and Mounting

Product Dimension	476x410mm		
Luminaire Net Weight	7.1kg	7.4kg	7.5kg
Mounting Option	Post Top Ø60mm		
Material	Aluminum Alloy, Tempered Glass and Poly-carbonate Optical Lens		
Finish	Powder Coating		
Fixture Color	RAL 7016 Anthracite Grey RAL 9017 Traffic Black		
EPA	0.15m²		
IK Rating	IK08		
IP Rating	IP66		

Dimensions
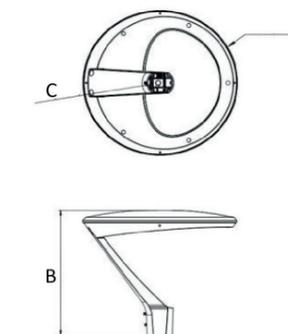
Type	A (mm)	B (mm)	C (mm)
SATURN	476	410	Ø63

Accesories

NEMA Socket
ANSI C136.41-2013 Dimming Receptacles
Code: NS-A00-02(3 Pin)
Code: NS-A00-03(5Pin)
Code: NS-A00-04(7 Pin)

Photocell Controller
ANSI C136.10-1996 Twist Lock
for On-Off function only
Code: PS-A00-01

Shorting Cap
PC Materials , UL773 Standard
Code: NA-A00-01

Plug and Play Motion Sensor
SPCC materials with outdoor powder coating.
Code: ANT-5-4T(Microvawa Sensor)
Code: ANT-6-4T(PIR Sensor)

ZHAGA Receptacles
Compliant with Zhaga Book 18.
Code: ZG-A00-01

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	100.000hrs-L80
Warranty	5 Years

Mounting Option

Post Top

Lotus

The aesthetics of the city is inseparable from lighting, Lotus satisfied the trend of urban differentiation with smooth curvature, which effectively prevents the accumulation of dust and leaves, not only creates a neat atmosphere, but also provides excellent heat dissipation.

Made of Die Casting Aluminum.

LED | BIN | CRI > 70 | IP66 | IK08

DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Key features

- LED Post Top Light / Garden Light
- Contemporary, architectural design, elegant appearance
- Smooth housing without any screws exposed
- Professional optics provide exellent glare management, while providing high level of visibility
- IK08, IP66 Rated
- Ø60mm post top mount
- Area, site and pedestrian scale applications
- Dimming control signal DALI, ready2mains, chronoSTEP

Applications

- Courtyard
- Private garden/ Parks
- River bank
- Public square
- Walkway / Path way

Accesories

NEMA Socket
ANSI C136.41-2013 Dimming Receptacles
Code: NS-A00-02(3 Pin)
Code: NS-A00-03(5Pin)
Code: NS-A00-04(7 Pin)

Photocell Controller
ANSI C136.10-1996 Twist Lock
for On-Off function only
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PC Materials , UL773 Standard
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ZHAGA Receptacles
Compliant with Zhaga Book 18.
Code: ZG-A00-01

Technical Data @3000K

Model No.	LOTUS 040	LOTUS 060	LOTUS 075	LOTUS 100
Power Consumption (±5%)	40W	60W	75W	100W
Power Supply	PHILIPS			
Input Voltage	100-277VAC, 50 / 60 Hz			
Power Factor	≥0.9 at Max Load			
Surge Protection	10kV			
Control	DALI, ready2mains, chronoSTEP			

Optic Information

|	
LED Type	LED 3030
Luminous Flux (±10%)	4800lm 7200lm 9000lm 12000lm
Efficacy(4000K Ra70)	120lm/W
Correlated Color Temperature	3000K (40 00K, 5000K optional)
Color Rendering Index	Ra70 (Ra80 optional)
Beam Angle	R01201, R01203, R01204, R01205, R01207, R01208, R01209

Dimensions and Mounting

Product Dimension	450x450x526mm
Luminaire Net Weight	7.58kg 7.88kg 7.94kg 7.97kg
Mounting Option	Post Top Ø60mm
Material	Die Casting Aluminum, Tempered Glass and Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	RAL 9017 Traffic Black
EPA	0.52m²
IK Rating	IK08
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	80.000hrs-L80
Warranty	5 Years

Photometry

R01201   R01203
R01204   R01205
R01207   R01208
R01209
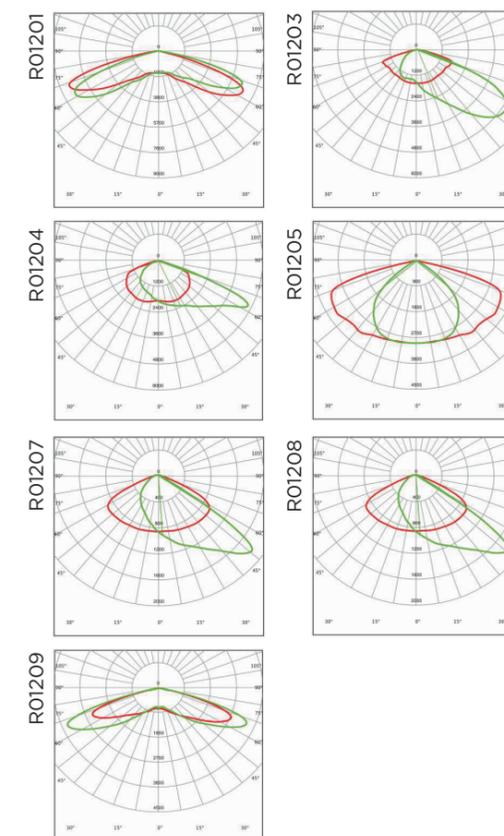
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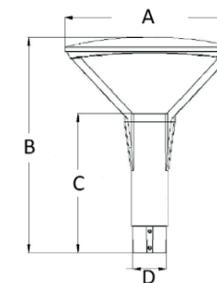
Type	A (mm)	B (mm)	C (mm)	D (mm)
LOTUS	450	526	340	Ø60

Mounting Option

Post Top

EN Prime

Modern linear optics with excellent perfomance, LED street lighting using state-of-the-art technology from the finest materials resistant to high temperature PMMA HT.

Housing made of aluminum alloy, designed as a heatsink for LED light source. Housing is powder coated in RAL 9022. Optics increase the brightness and creates a perfect and highly efficient beam of light and directs it to the surface it illuminates.

High efficiency, over 90%.
Made under ENEC certificate.

LED	BIN	CRI >70	IP66	IK09	
(ground)	(square)	DALI 1-10 V 0-10 V	– DIM + 1-100 %	CE	EKO 22

Easy maintenance with the push of a button

Key features

- Programmable chronoSTEP: times and levels acording to calculated midnight
- Constant light output function (CLO)
- Configurable via ready2mains, DALII, NFC
- Low-temperature start feature (-40 to +50°C temperature range)
- IK09, IP66 Rated
- Protective features (overtemperature, short-circuit, overload, no-load, input voltage range, reduced surge amplification)

Applications

- Parking lots
- Traffic routes
- Residential areas
- Plazas
- Parking lot areas

Accesories

CitySense Lite
Zhaga-D4i Motion Sensor, Street Lighting Solution.

CitySense Plus
Motion Detection Sensor, Wireless Communication and lighting control.

CityManager
Web-based Smart City software platform for remote monitoring, management, and control of the entire lighting infrastructure.

Tvilight's IoT Gateway
Network interface device

ZHAGA Receptacles
Compliant with Zhaga Book 18.
Code: ZG-A00-01

Technical Data @4000K

Model No.	EN PRIME S020	EN PRIME S040	EN PRIME S060	EN PRIME M080	EN PRIME M100	EN PRIME L120
Power Consumption (±5%)	19,1W	39,3W	64,5W	73,8W	101,1W	112W
Output current	400 mA	500 mA	500 mA	500 mA	450 mA	500 mA
Luminaire luminous flux	2631	5109	8385	10308	13803	14603
Power input on stand-by	0,15W					
AC voltage range	198 - 264V					
Mains frequency	0/ 50/60Hz					
Overvoltage protection	320V AC, 48h					
Typ. efficiency	(at 230V , 50Hz, full load): 93,50%, λ (at 230V, 50Hz, full load): 0,98					
Dimming range	5% - 100%					
CORRIDOR function V2						
Ready2mains						
U6Me2 (chronoSTEP 2)						

Optic Information

LED Type	LED 5050
Efficacy(4000K Ra70)	Up to 140lm/W
Correlated Color Temperature	3000K, 4000K

Dimensions

Model	EN PRIME S	EN PRIME M	EN PRIME L
Product Dimension	525x255x105mm	625x255x105mm	780x255x105mm
Luminaire Net Weight	5,3 kg	7,2 kg	8,4 kg
Fixture Color	RAL 9022 Pearl light grey		
IK Rating	IK09		
IP Rating	IP66		
EPA	EN PRIME S: 0,106m2 EN PRIME M: 0,143m2 EN PRIME L: 0,2055m2		

Lifespan and Warranty

Operating Temperature	-30°C to + 55°C
Lifetime of LED	100.000h-L80
Warranty	5 Years

Photometry

60°

80°x150° TYPE I

95°x165° TYPE II

45°x155° TYPE III
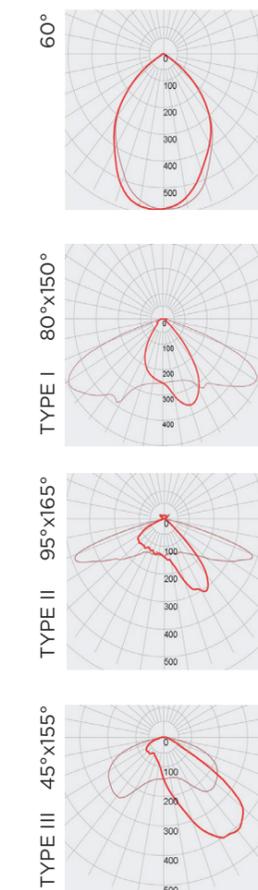
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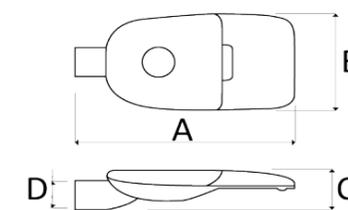
Type	A (mm)	B (mm)	C (mm)	D (mm)
EN PRIME S	525	255	105	Ø60
EN PRIME M	625	255	105	Ø60
EN PRIME L	780	255	105	Ø60

Klobuk

KLOBUK is a modern street luminaire with sliky lines that form a classic shape luminaire mostly suitable for illuminating road crossings. With its European design, the luminaire will seemlessly blend in the enviroments of old and new cities.

Made of Aluminum Alloy.

LED | **BIN** | **CRI > 70** | **IP66** | **IK08**

DALI 1-10 V 0-10 V | **DIM + 1-100 %** | **CE**

Key features

- Super smooth design, one size for 60W, 90W, 120W, 150W
- High output lumen efficiency, up to 140lm/W
- Strong anti-corrosion performance
- E- painting + Powder coating process
- Built in Motion Sensor is optional
- High quality ensured by various kinds of reliability tests
- IP66, 10KV SPD. (Class I, Class II optional)
- Multiple mounting options: Side entry, Post Top and Suspension
- Ø60mm spigot is available

Applications

- Walkway and narrow road
- Urban roadway lighting
- Park lighting
- Outdoor area lighting
- Billboard lighting
- Outdoor sports
- Stadium

Accesories
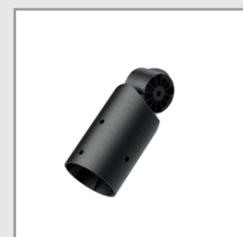
Pole mount spigot
ADC12 materials, ±15° tilt adjustable, for dia. 60mm pole.
Code: SP-R23-01

Wall mount adaptor
SPCC materials with outdoor powder coating.
Code: SP-R03-05

Corner mount adaptor
SPCC materials with outdoor powder coating.
Code: SP-R19-02

T shape pole mount adaptor
SPCC materials, for dia.60 pole.
Code: SP-R03-06

L shape pole mount adaptor
SPCC materials, for dia.60mm pole.
Code: SP-R19-01

Suspension Bracket
SPCC materials with outdoor powder coating.
Code: BC-R23-01
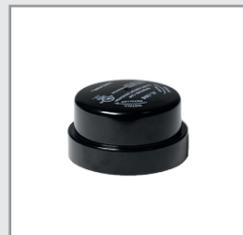
Shorting cap
Cover NEMA socket when it is not used.
Code: NS-A00-01

Photocell control
ON-OFF automatically according to day light.
Code: PS-A00-01
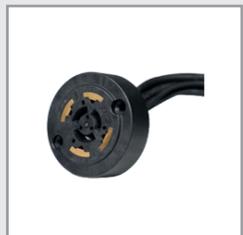
NEMA socket
3pin/ 5pin /7pin are optional.
Code: NS-A00-02(for 3pin)
Code: NS-A00-03(for 5pin)
Code: NS-A00-04(for 7pin)

Technical Data @4000K

Model No.	KLOBUK 060	KLOBUK 090	KLOBUK 120	KLOBUK 150
Power Consumption (±5%)	60W	90W	120W	150W
Input Voltage	220-240 VAC, 50 / 60 Hz			
Power Factor	≥0.9 at Max Load			
Surge Protection	6kV line-line, 10kV line-earth			
Control	1-10V Dimmable / Photocell, Timer Control			

Optic Information

| LED Type	LED 3030
Luminous Flux (±10%)	8100lm 12600lm 16800lm 21000lm
Efficacy(4000K Ra70)	135lm/W
Correlated Color Temperature	4000K (3000K, 5000K optional)
Color Rendering Index	Ra70 (Ra80 optional)
Beam Angle	R01201, R01203, R01204, R01205, R01207, R01208
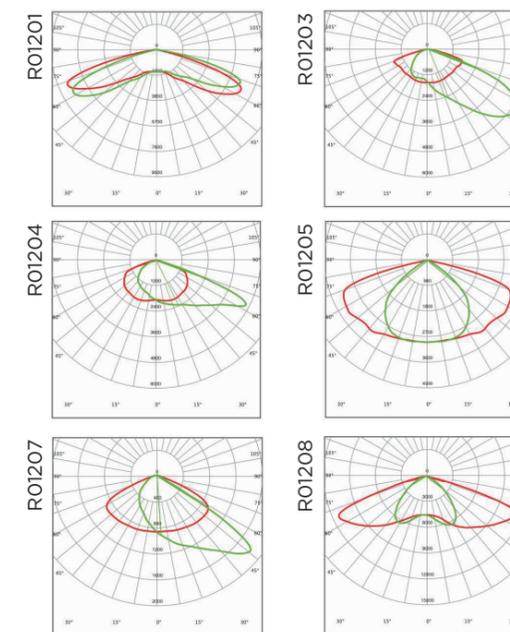
Dimensions and Mounting

Luminaire Net Weight	7.8±0.3kg (Post top), 7.4±0.3kg (Suspention)
Mounting Option	Post top / Side Entry, Suspension
Material	Aluminum Alloy, Tempered Glass+Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	RAL 9017 Traffic Black
EPA	0.14m²
IK Rating	IK08
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-30°C to + 40°C
Lifetime of LED	96.400hrs-L80
Warranty	5 Years

Photometry

R01201   R01203

R01204   R01205

R01207   R01208

Dimensions

Side Entry Mount   Post Top Mount   Suspention Mount
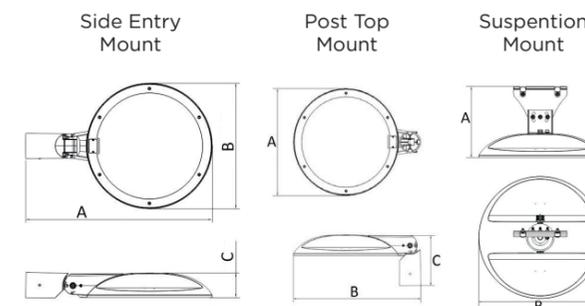
Type	A (mm)	B (mm)	C (mm)
KLOBUK Side Entry	683	Ø460	89
KLOBUK Post Top	Ø460	558	216
KLOBUK Suspension	268	Ø460	

Mounting Option

Post Top

Suspension

Side Entry
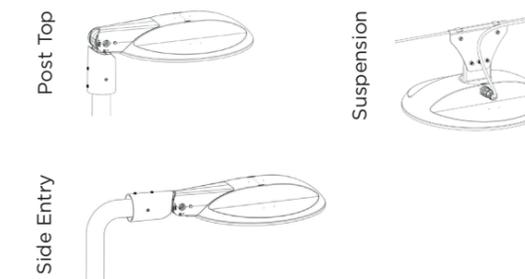
Cyper

Cyper LED Street Light has a smooth and slender design shape, which is more in line with the road design style. Professional optical lens provide an excellent effect, managing glare while providing high levels of visibility.

Made of Aluminum Alloy.

LED | BIN | CRI > 70 | IP66 | IK10

DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Slim Design

Key features

- Easy installation
- High output lumen efficiency up to 140lm/W
- The housing is made of 100% aluminum alloy (ADC12)
- AKZO powder coating
- Easy maintenance
- ±15° adjustable

Applications

- Parking lots
- Traffic routes
- Residential areas
- Plazas

Accesories

Pole mount spigot
ADC12 materials, ±15° tilt adjustable, for dia. 60mm pole.
Code: SP-R03-03

Wall mount adaptor
Q235+SPCC materials with hot dip galvanizing.
Code: SP-R03-05

Corner mount adaptor
SPCC materials with hot dip galvanizing.
Code: SP-R19-02

T shape pole mount adaptor
Q235 materials with hot dip galvanizing, for dia.60 pole.
Code: SP-R03-06
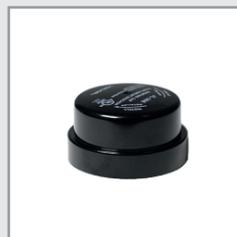
Shorting cap
Cover NEMA socket when the photocell is not used.
Code: NS-A00-01

Photocell control
ON-OFF automatically according to day light.
Code: PS-A00-01
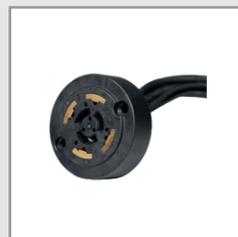
NEMA socket
3pin/ 5pin /7pin are optional.
Code: NS-A00-02(for 3pin)
Code: NS-A00-03(for 5pin)
Code: NS-A00-04(for 7pin)

Technical Data @4000K

Model No.	CYPER 040	CYPER 055	CYPER 075	CYPER 100	CYPER 120	CYPER 150	CYPER 180
Power Consumption (±5%)	40W	55W	75W	100W	120W	150W	180W
Input Voltage	220-240 VAC , 50 / 60 Hz						
Power Factor	>0.94						
Control	Dimmable, photocell, microwave sensor is optional						

Optic Information

LED Type	LED 2835					
Luminous Flux (±10%)	5600	7700	10500	14000	16800	21000	25200
Efficacy(4000K Ra70)	140lm/W					
Correlated Color Temperature	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra70 (Ra80 optional)					
Beam Angle	R09002		R16903		R23003	

Photometry

R09002

R16903

R23003
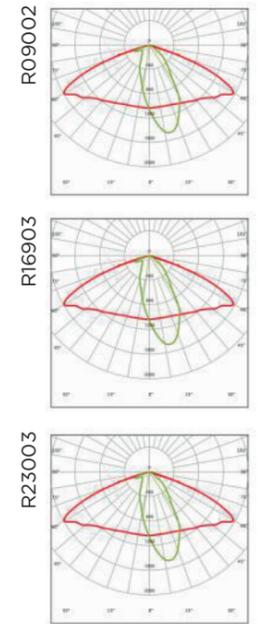
Dimensions and Mounting @Side entry

Product Dimension	523x146x82mm	629x174x82mm	724x194x82mm
Luminaire Net Weight	1.8kg	3.2kg	3.9kg
Mounting Option	Post top / Side Entry		
Material	Aluminum Alloy, Polycarbonate Optical Lens		
Finish	Akzo powder coating		
Fixture Color	RAL 9017 Traffic Black		
EPA	0.01m²	0.03m²	0.04m²
IK Rating	IK10		
IP Rating	IP66		

Type	A (mm)	B (mm)	C (mm)
CYPER Side Entry 40W/55W	523	146	82
CYPER Side Entry 75W/100W/120W	629	174	82
CYPER Side Entry 150W/180W	724	194	82
CYPER Post Top 40W/55W	409	146	Ø61
CYPER Post Top 75W/100W/120W	515	174	Ø61
CYPER Post Top 150W/180W	610	194	Ø61
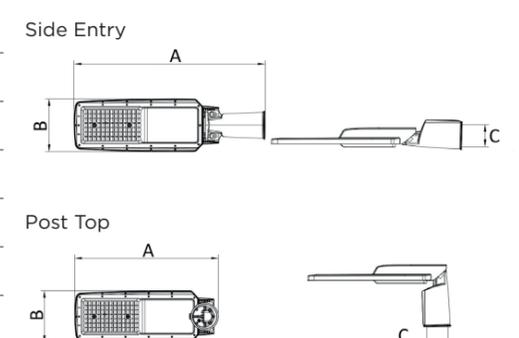
Mounting Option

Side Entry

Post Top

Side Entry

Post Top

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED	82.000hrs-L80
Warranty	5 Years

Tanos

TANOS follows the trend of urban differentiation with smooth curvature, creates a tidy impression, and provides excellent heat dissipation. Clear and full rounded PC cover helps to eliminate blind spots caused by lamp arms, bring safety and attractiveness to the urban space.

Made of Aluminum Alloy.

LED | **BIN** | **CRI > 70** | **IP66** | **IK09**

DALI 1-10 V 0-10 V | **DIM − 1-100 % +** | **CE**

Low **UGR**

Key features

- LED Post Top Light / Garden Light
- Contemporary, architectural design, elegant appearance
- Color Black RAL 9017
- 100-240V 50/60Hz
- Professional optic provide an excellent effect, managing glare while provides high level of visibility
- IK09, IP66 Rated
- Ø60mm post top mount available
- Area, site and pedestrian scale applications

Applications

- Residential area
- Private garden/ parks
- River bank
- Public square
- Walkway / Path way

Accesories

NEMA Socket
ANSI C136.41-2013 Dimming Receptacles
Code: NS-A00-02(3 Pin)
Code: NS-A00-03(5Pin)
Code: NS-A00-04(7 Pin)

Photocell Controller
ANSI C136.10-1996 Twist Lock
for On-Off function only
Code: PS-A00-01

Shorting Cap
PC Materials , UL773 Standard
Code: NA-A00-01

ZHAGA Receptacles
Compliant with Zhaga Book 18.
Code: ZG-A00-01

Technical Data @3000K

Luminescent mode	Direct Lighting			Indirect Lighting	
Model No.	TANOS 020	TANOS 040	TANOS 060	TANOS 020A	TANOS 040A
Power Consumption (±5%)	20W	40W	60W	20W	40W
Power Supply	TRIDONIC				
Input Voltage	100-240 VAC , 50 / 60 Hz				
Power Factor	≥0.92 at Max Load				
Surge Protection	4kV line-line, 6kV line-earth				
Control	Dimmable and Non-dimmable, DALI, Microwave Sensor, Zhaga Wireless Control, Photocell Control				

Optic Information

LED Type	LED 3030				
Luminous Flux (±10%)	2800lm	5600lm	8400lm	1800lm	3600lm
Efficacy(4000K Ra70)	140lm/W			90lm/W	
Correlated Color Temperature	3000K (4000K optional)				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	R01201, R10202, R01203, R01209			R00C52	

Dimensions and Mounting

Product Dimension	Ø 371x420mm
Luminaire Net Weight	4.6±0.3kg
Mounting Option	Post Top Ø60mm
Material	Aluminum Alloy, Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	RAL 9017 Traffic Black
EPA	0.09m²
IK Rating	IK09
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	82.000hrs-L80
Warranty	5 Years

Photometry

Direct Lighting

R01201 | R01202

R01203 | R01209

Indirect Lighting

R00C52
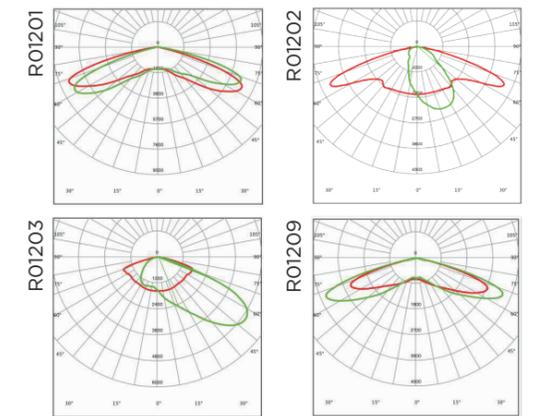
Dimensions

Type	A (mm)	B (mm)	C (mm)
TANOS	420	Ø371	Ø63

Mounting Option

Post Top

Sirius

Up to **200**lm/W

Sirius is a new Solar LED street light with modern and slim design. Street light incorporates mono-crystalline photovoltaic solar panel, high efficinecy of 200lm/W, which makes the product very versatile, with huge advantages for areas with low quality mains infrastructure or without mains infrastructure.

Made of Aluminum Alloy.

LED | BIN | CRI > 70 | IP65 | IK08 | DALI 1-10 V 0-10 V | DIM + 1-100 % | CE

Key features

- Good design, low weight, easier installation
- System efficiency up to 200lm/w with competitive price
- The Controller has built in Motion Sensor and timer dimming function
- LiFePO4 battery is with longer lifetime, charge for 8 hours which can work continiously for 3 days
- IP65 & IK08 double protection
- Mono-crystalline photovoltaic with a higher conversation efficiency
- Adjustable angle
- Different mounting options

Applications

- Village streets
- Urban roadway lighting
- Park lighting
- Courtyard

Accesories

±30°Pole Clamp Bracket
SPCC materials with outdoor powder coating.
Can be also the wall mount bracket.

Wall mount adaptor
SPCC materials with outdoor powder coating.
Code: SP-R03-05
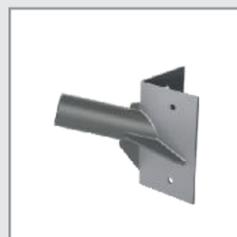
Corner mount adaptor
SPCC materials with outdoor powder coating.
Code: SP-R19-02

T shape pole mount adaptor
SPCC materials, for dia.60 pole.
Code: SP-R03-06

L shape pole mount adaptor
SPCC materials, for dia.60mm pole.
Code: SP-R19-01

Technical Data @4000K

Model No.	SIRIUS-10	SIRIUS-20	SIRIUS-30
Power Consumption (±5%)	10W	20W	30W
Battery Capacity	76Wh	156Wh	230Wh
Battery	LiFePO4 Battery		
Solar Panels	Mono-Crystalline Solar Panel		
Solar Panel Wattage	30W		
Charging Time	≥ 5.5Hrs		
Operating time	Full power >8 hours, Intelligent mode 3-4 days		
Working mode	1st 4Hours: 30% Brightness stand by, 100% brightness when movement is detected. 2nd 4hours: 20% brightness stand by, 60% brigtness when movement is detected.		
Control	Timmer dimming/PIR sensor		

Optic Information

LED Type	LED 2835		
Luminous Flux (±10%)	2000lm	4000lm	6000lm
Efficacy(4000K Ra70)	200lm/W		
Correlated Color Temperature	4000K (3000K, 5000K optional)		
Color Rendering Index	Ra70 (Ra80 optional)		
Beam Angle	R10801		

Dimensions and Mounting

Luminaire Net Weight	5.0±0.3kg	5.7±0.3kg	6.3±0.3kg
Mounting Option	Post top / Side Entry Pole clamp bracket / Wall Mount		
Material	Aluminum Alloy, Polycarbonate Optical Lens LiFePO4 Battery, Mono-Crystalline Solar Panel		
Finish	Powder Coating		
Fixture Color	Silver		
EPA	0.24m²		
IK Rating	IK08		
IP Rating	IP65		

Lifespan and Warranty

Operating Temperature	-20°C to + 50°C
Lifetime of LED	64.000hrs-L80
Warranty	5 Years

Photometry

R18001

Dimensions

Post Top Mount

Side Entry Mount

Pole Clamp Bracket Mount
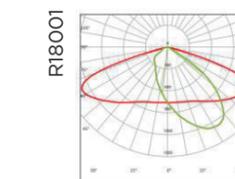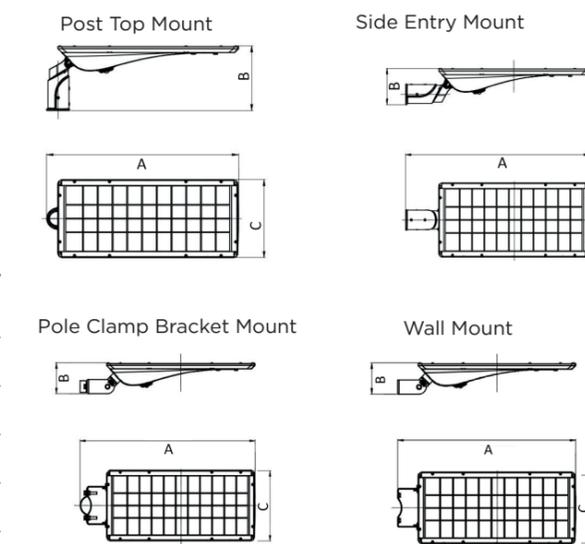
Wall Mount

Type	A (mm)	B (mm)	C (mm)
Post Top Mount	703	250	301
Side Entry Mount	807	148	301
Pole Clamp Bracket Mount	781	131	301
Wall Mount	748	131	301

Mounting Option

Post Top

Side Entry

Pole Clamp Bracket Mount

Wall Mount

Bled

BLED is the newest 360°-surround-lighting bollard. The luminaire has great performance in both direct and indirect lighting. Light comes down from the top mounted LEDs, reflected by the specially designed cone shape reflector. This type of optical design is the best way to reduce glare and to ensure a comfortable visual enviroment.

Made of Aluminum Alloy.

LED | BIN | CRI > 70 | IP66 | IK08

CE

Key features

- 14W/25W, system efficacy up to 130lm/W
- Indirect lighting, visual comfort
- IP66, IK08 rated
- 360° surround lighting
- 0.5/1.0m height optional

Applications

- Gardens
- Pathways
- Sidewalk
- Building entrance

Special features

3CCT   2CCT
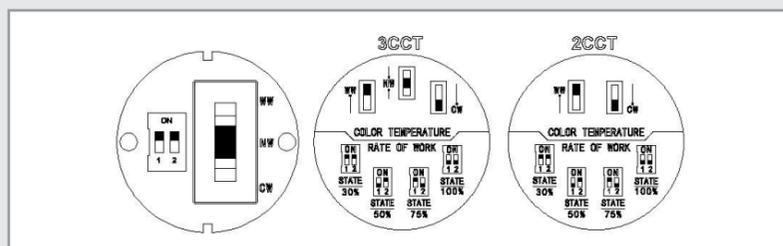
Available only in 3CCT version.
The power could be set to 30%, 50%, 75% and 100%.
The CCT could be set to Cool White, Natural White and Warm White.

Technical Data @4000K

Model No.	BLED-014	BLED-025
Power Consumption (±5%)	14W	25W
Input Voltage	220-240 Vac 50 / 60 Hz	
Power Factor	>0.9	
Surge Protection	0.5kV line-line, 1kV line-earth	

Optic Information

| LED Type	LED 3030	
Luminous Flux (±10%)	1820lm	3250lm
Efficacy(4000K Ra70)	130lm/W	
Correlated Color Temperature	4000K (3000K, 5000K, 3CCT optional)	
Color Rendering Index	Ra70 (Ra80 optional)	
Beam Angle	R06401 (Type V)	
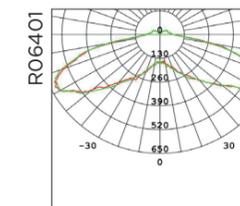
Dimensions and Mounting

Product Dimension	Heading: Ø200x278mm, Fully-assembled 0.5m: Ø133x475mm, Fully-assembled 1m: Ø133x975mm.
Luminaire Net Weight (±0.3kg)	Heading: 1.8kg , Fully-assembled 0.5m: 3.8kg, Fully-assembled 1m: 5.3kg.
Mounting Option	Mounting kit with anchor bolts
Material	Aluminum Alloy, Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	RAL 9017 Traffic Black
IK Rating	IK08
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-30°C to + 45°C
Lifetime of LED @Ta=25°C	91.000hrs-L80
Warranty	5 Years

Photometry

R06401

Dimensions

Head   Fully-assembled 0.5m   Fully-assembled 1m

Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Heading	Ø200	278	256	85	Ø138
0.5m	Ø200	475	85	Ø133	
1m	Ø200	975	85	Ø133	

Mounting Option

Mounting kit with anchor bolts

Roma

Roma is an innovative bollard light which enhances the aestetics and creativity of the city in IP66, thanks to its architectural design and UV resistant PC material to accommodate the demands of different areas in pathways, gardens, sidewalks and building entrances.

Made of Aluminum Alloy.

LED | BIN | CRI >70 | IP66 | IK10

Key features

- IP66 and IK10
- Unique and gorgeous appearance
- Visor is available as accessory
- Professional Type IV / Type V light distribution

Applications

- Gardens
- Pathways
- Sidewalk
- Building Entrance

Accessories

Round House Visor
Code: BC-B01-02

Terminal Box
Code: CK-B01-01

Technical Data @4000K

Model No.	ROMA-014	ROMA-024
Power Consumption (±5%)	14W	24W
Input Voltage	100-277 VAC/220-240 VAC , 50 / 60 Hz	
Power Factor	>0.9	
Surge Protection	2kV line-line, 4kV line-earth / 1kV line-line, 2kV line-earth	

Optic Information

| LED Type	LED 3030	
Luminous Flux (±10%)	1190lm	1920lm
Efficacy(4000K Ra70)	85lm/W	80lm/W
Correlated Color Temperature	4000K (3000K, 5000K optional)	
Color Rendering Index	Ra70 (Ra80 optional)	
Beam Angle	R03201, R03202, R03203	

Dimensions and Mounting

Product Dimension	Size 0.5m: Ø 165x500mm Size 0.9m: Ø 165x900mm
Luminaire Net Weight	Size 0.5m: 4.5±0.3kg Size 0.9m: 6.16±0.3kg
Mounting Option	Mounting kit with anchor bolts
Material	Aluminum Alloy, Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	RAL 9017 Traffic Black
IK Rating	IK10
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	78.516hrs-L80
Warranty	5 Years

Photometry

R03201

R03202

R03203

Dimensions

Fully-assembled 0.5m

Fully-assembled 1m

Type	A (mm)	B (mm)
0.5m	Ø165	500
1m	Ø165	900

Mounting Option

Mounting kit with anchor bolts
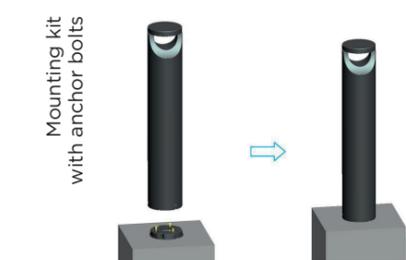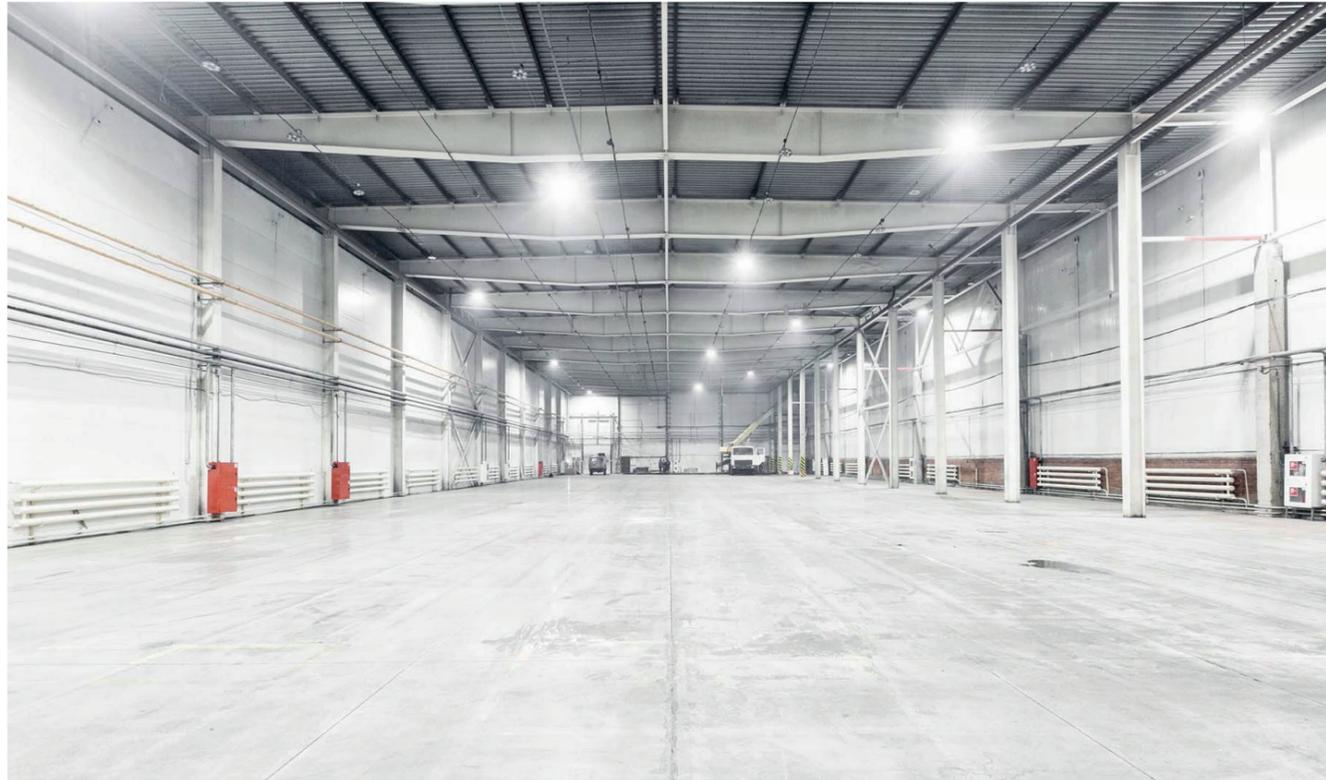
HIGH BAY

LED high bay light is designed for wide range of industrial and commercial applications (Warehouse, Manufacturing, Cold Storage, Transportation, Sports Facilities, etc.), replacing traditional HID, HPS and fluorescent high bay fixtures. The fixtures offer several industry-standard mounting options for retrofitting. Intelligent LED high bays offer ZigBee and DALI intelligent solutions for better performance, higher efficiency and lower operational costs.

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Ekonomik

EKONOMIK is designed with large size but light weight, dia.340mm heat sink helps the body to better dissipate heat and makes sure of a long life span. Multiple beam angles available for different installation heights.

Made of Aluminum Alloy.

LED	BIN	CRI > 70	IP65	IK08	⚡
⏚	▢	DALI 1-10 V 0-10 V	– DIM + 1-100 %	CE	♻

Key features

• Equivalent to 400W Metal Halide lamps
• IP65 & IK08 double protection
• Superior temperature stability
• Multiple installation ways available
• Multiple light distributions for different project needs
• Compatible with different intelligent control modes

Applications

• Warehouse
• Industrial facility
• Exhibition center
• Shopping mall
• Gymnasium
• Airport
• Toll station

Accesories

±45° adjustable bracket
SPCC materials with outdoor powdercoating.
Code: BC-H30-01 (100W-200W)
Code: BC-H30-02(240W)

Safety chain
304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long.
Code: SC-H01-01a

Optic lens
High transmittance PC materials, UV test approval.
Code: please refer to Photometry for different beam angle.

Microwave motion sensor
10-15VDC, IP20,
Max detect height is 15m.

Daylight sensor
1-10V DC input, IP20 rating, Daylight harvesting function.

Zigbee wireless controller
1-10V DC input, IP20 rating, 1pcs can control 100pcs fixtures.

Technical Data @5000K

Model No.	EKONOMIK 100	EKONOMIK 120	EKONOMIK 150	EKONOMIK 200
Power Consumption (±5%)	100W	120W	150W	200W
Input Voltage	220-240 VAC, 50 / 60 Hz			
Power Factor	>0.92			
Surge Protection	4kV line-line, 4kV line-earth			
Control	DALI, Daylight Sensor, Microwave motion sensor, PIR Sensor, Zigbee			

Optic Information

LED Type	LED 3030			
Luminous Flux (±10%)	16000lm	19200lm	24000lm	32000lm
Efficacy(4000K Ra70)	160lm/W			
Correlated Color Temperature	5000K (3000K, 4000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	H00117, H00122, H00116, H00120, H00131			
UGR level	22 (H00116)			

Dimensions and Mounting

Product Dimension	Ø251x170mm	Ø340x182mm
Luminaire Net Weight (±0.3kg)	2.2kg	3.8kg
Mounting Option	Loop Hanging, Ceiling Mounting	
Material	Aluminum Alloy, Polycarbonate Optical Lens	
Finish	Powder Coating	
Fixture Color	RAL 9017 Traffic Black	
IK Rating	IK08	
IP Rating	IP65	

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	109.000hrs-L80
Warranty	5 Years

Photometry

100W-150W beam angle

H00117　H00122

200W beam angle

H00131　H00116

H00120
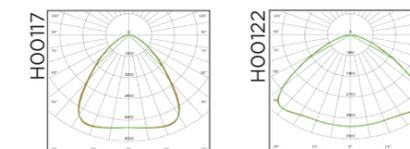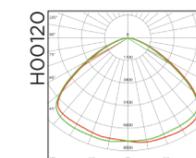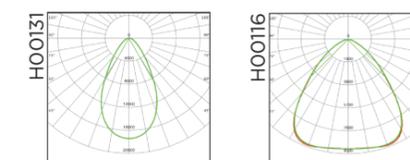
Dimensions
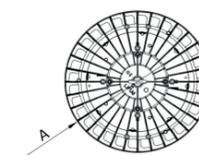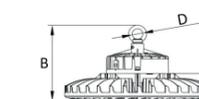
Type	A (mm)	B (mm)	C (mm)	D (mm)
100W/120W	Ø251	170	57	Ø25
150W/200W	Ø340	182	66	Ø25

Mounting Option

Loop

Ceiling

Volcano

Up to **200**lm/W

VOLCANO has 190lm/W high efficiency at light output and various beam angle (60°, 90°, 120°), perfect for high mounting application. The plug-and-play sensor ensures more energy saving. Superior thermal management on heat sink ensure it can be used at 65°C working environment. Importantly, 10 years warranty is for projects, where ambient temperature is -30°- +50°C.

Made of Aluminum Alloy.

LED | BIN | CRI >70 | IP65 | IK08

DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Key features

- Dust-free accumulation design, better heat dissipation
- Built-in compact microwave motion sensor (optional)
- Well-sealed with dust tight and waterproof rating of IP65
- Multiple mounting options
- Super high efficacy up to 200 lm/W

Applications

- Warehouse
- Factory
- Wood processing factory
- Paper processing factory
- Other heavy dust area

Accesories

Toroidal PC lens

Safety Chain

Technical Data @5000K

Model No.	VOLCANO 100	VOLCANO 120	VOLCANO 150	VOLCANO 200
Power Consumption (±5%)	100W	120W	150W	200W
Input Voltage	100-240V/, 50 / 60 Hz			
Power Factor	≥0.93			
Surge Protection	4kV line-line, 6kV line-earth			
Control	Dimmable and Non-dimmable, Microwave motion Sensor/Zigbee, Zigbee Wireless Control			

Optic Information

LED Type	SMD			
Luminous Flux (±10%)	19000lm	22800lm	28500lm	38000lm
Efficacy(5000K, Ra70)	190(±5%) lm/W			
Correlated Color Temperature	5000K (3000K, 4000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	H00108, H00111, H00115, H00121			
UGR level	25			

Photometry

H00108 (90°)

H00111 (60°)

H00115 (120°)

H00121 (40°)
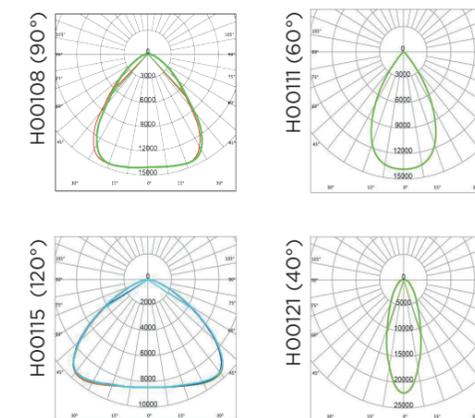
Dimensions and Mounting

Product Dimension	Ø360x186mm	
Luminaire Net Weight (±0.3kg)	3.9kg	4.3kg
Mounting Option	Loop Hanging, Ceiling Mounting, Wall Mounting	
Material	Aluminum Alloy, Polycarbonate Optical Lens	
Finish	Powder Coating	
Fixture Color	RAL 9017 Traffic Black	
IK Rating	IK08	
IP Rating	IP65	

Dimensions
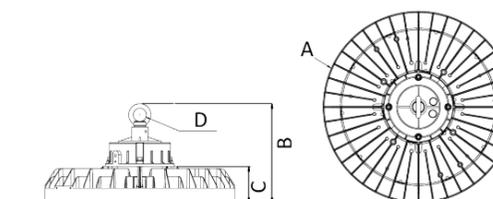
Type	A (mm)	B (mm)	C (mm)	D (mm)
100W/150W	Ø360	186	68	Ø25
200W	Ø360	186	68	Ø25

Lifespan and Warranty

Operating Temperature	Normal: -30°C to + 50°C, Motion sensor: 0°C to + 50°C
Lifetime of LED	>50.000Hrs (Ta=30°C@L70)
Warranty	5 Years

Mounting Option

Loop Hanging

Ceiling Mounting

Hefajst

70°C

HEFAJST highbay light is specially designed for high working temperature industrial ambient, even for up to 65~70°C. Advanced thermal management system, with large dust free heat sink and raised driver box, allows superior heat dissipation, ensuring long life with minimal lumen depreciation.

Made of Aluminum Alloy.

LED	BIN	CRI >70	IP65	IK07	
		DALI 1-10 V 0-10 V	DIM 1-100 %	CE	

Hollow design for fast heat convection

Driver inside special box, better for heat dissipation

Large heatsink ensure sufficient radiant area, for good heat dissipation
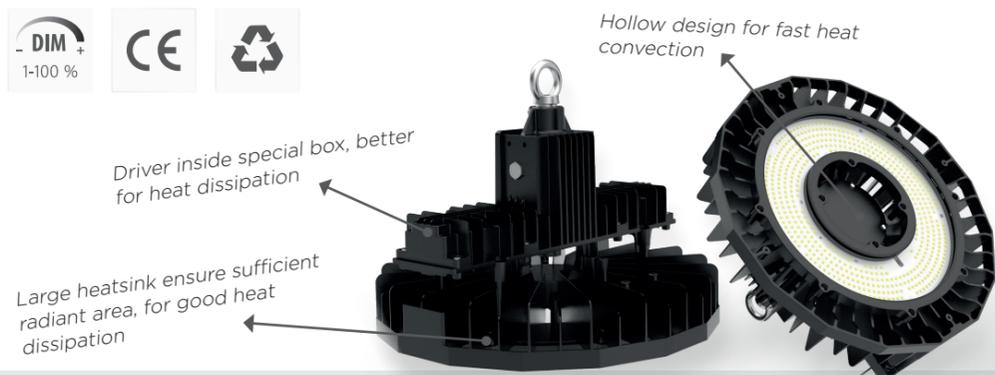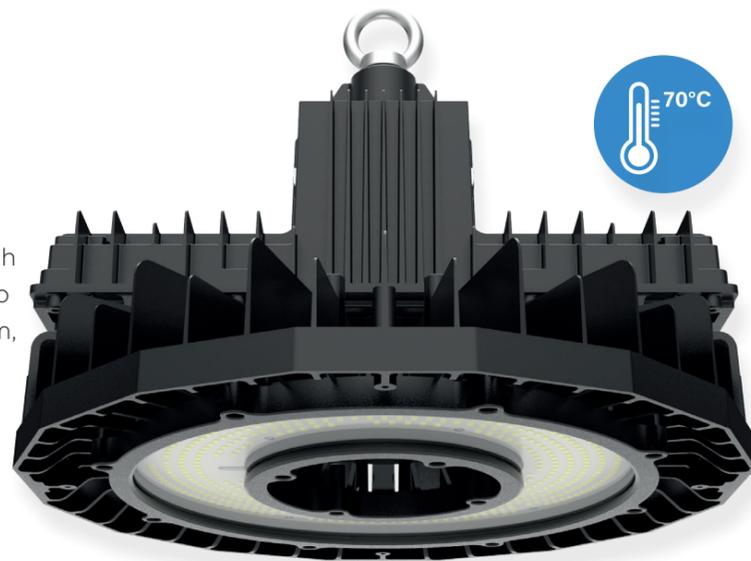
Key features

- Working temperature up to 70°C
- High performance LED design delivering up to 165 lm/W, up to 33000lm
- Four wattages 100W, 120W, 150W, 200W
- Well-sealed with dust tight and waterproof rating of IP65
- Outstanding cooling performance with excellent air cross- ventilation design
- 50,000 hours, long life at L70@70°C
- DALI optional

Applications

- Warehouse
- Industrial facility
- Exhibition center
- Shopping mall
- Gymnasium
- Stations

Accesories
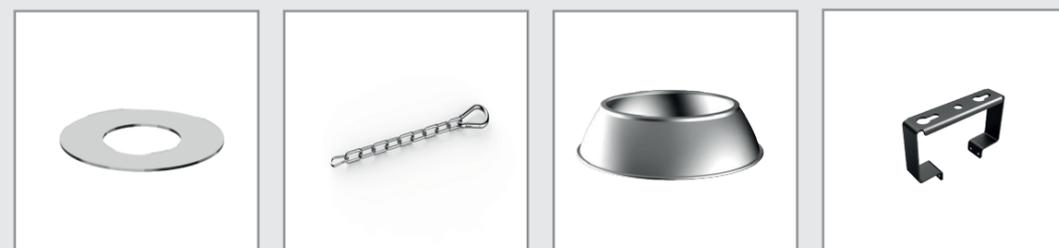
Tempered Glass   Safety Chain   ALU Reflector (H00D09)   Ceiling Mount Bracket

Technical Data @5000K

Model No.	HEFAJST 100	HEFAJST 120	HEFAJST 150	HEFAJST 200
Power Consumption (±5%)	100W	120W	150W	200W
Power Supply	PHILIPS			
Input Voltage	220-240 VAC, 50 / 60 Hz			
Power Factor	≥0.92			
Surge Protection	2kV line-line,4kV line-earth			
Control	Non-dimmable, DALI Control			

Optic Information

LED Type	LED 3030			
Luminous Flux (±5%)	16500lm	19800lm	24750lm	33000lm
Efficacy	165(±5%) lm/W			
Correlated Color Temperature	5000K (3000K, 4000K optional)			
Color Rendering Index	Ra70 (Ra80 optional)			
Beam Angle	H00A12			

Dimensions and Mounting

Product Dimension	Ø400x306.5mm	
Luminaire Net Weight (±0.3kg)	7.89kg	7.96kg
Mounting Option	Loop Hanging, Ceiling Mounting	
Material	Housing: Aluminum Alloy, Cover: Glass Cover	
Finish	Powder Coating	
Fixture Color	RAL 9017 Traffic Black	
IK Rating	IK07	
IP Rating	IP65	

Lifespan and Warranty

Operating Temperature	Normal: -30°C to + 70°C,
Lifetime of LED	>50.000Hrs (Ta=70°C@L70)
Warranty	5 Years

Photometry

Clear Glass H00A12
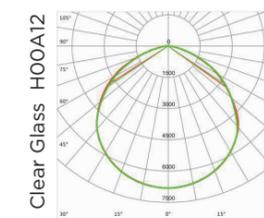
Dimensions
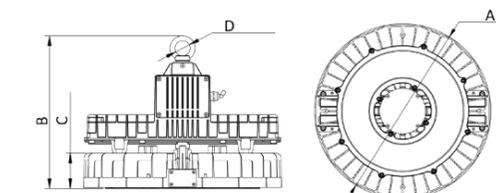
Type	A (mm)	B (mm)	C (mm)	D (mm)
HEFAJST	Ø400	307	71	Ø30

Mounting Option

Loop Hanging   Ceiling Mounting

Arctic

IP69K
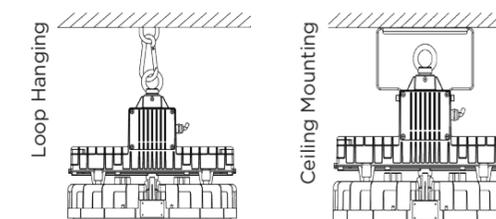
ARCTIC LED highbay is specially designed for food processing applications. The lamp body is arched perfectly which makes not only aesthetic, but also easy to clean. A built-in microwave motion sensor helps save energy and can be adjusted at any time with a remote.

Made of Aluminum Alloy.

LED	BIN	CRI >70	IP69K	IK07	
		DALI 1-10 V 0-10 V	DIM 1-100 %	CE	

Safe & reliable

ARCTIC LED is free of glass and harmful substances, powder coating ensures corrosion resistance and food safety.

IP69K High protection grade

IP69K rating provides protection against ingress of dust, high temperature and high pressure water. Products with this certification are ideal for use in conditions where equipment must be carefully sanitized.

The IP69K rating is the highest protection available.

Technical Data @5000K

Model No.	ARCTIC 100	ARCTIC 120	ARCTIC 150	ARCTIC 200	ARCTIC 240
Power Consumption (±5%)	100W	120W	150W	200W	240W
Input Voltage	100-240 VAC, 50 / 60 Hz				
Power Factor	≥0.92				
Surge Protection	2kV line-line,4kV line-earth				
Control	Dimmable, DALI, Microwave Motion Sensor				

Optic Information

LED Type	LED 3030				
Luminous Flux (±10%)	15000lm	18000lm	22500lm	30000lm	36000lm
Efficacy(4000K Ra70)	150lm/W				
Correlated Color Temperature	5000K (3000K, 4000K optional)				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	H55501, H00B18				
UGR level	26				

Dimensions and Mounting

Product Dimension	Ø520x223mm	
Luminaire Net Weight	8.9±0.3kg	9.1±0.3kg
Mounting Option	Loop Hanging	
Material	Aluminum Alloy, Polycarbonate Optical Lens	
Finish	Powder Coating	
Fixture Color	White RAL 9016	
IK Rating	IK07	
IP Rating	IP69K	

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED	203.000hrs-L70, 125.000hrs-L80, 56.000hrs-L90
Warranty	5 Years

Photometry

H55501

H00B18
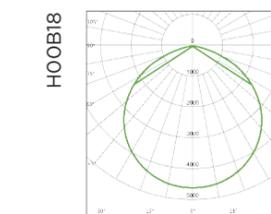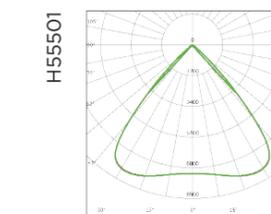
Dimensions
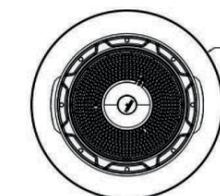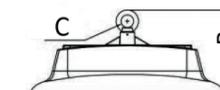
Type	A (mm)	B (mm)	C (mm)
ARCTIC	Ø520	223	Ø34

Mounting Option

Loop Mouting

Key features

- Smooth exterior and no exposed fasteners
- Contains no glass and toxic material for food safety
- Well-sealed with dust tight and waterproof rating of IP69K
- Equipped with Microwave sensor modules and set by remote controller after installation
- The smooth, seamless and downward angled aluminum alloy housing design ensures zero residue remains after cleaning with water jets
- Super high efficacy up to 150 lm/W

Applications

- Food processing plant
- Warehouse
- Factory
- Chemical facilities
- Beverage processing
- Poultry and meat processing
- Pet-food production
- Grain and sugar production
- Any area demanding a well sealed, smooth, high output LED light fixture

Accesories

Product image for illustration purposes only.

Optic lens
High transmittance PC materials, UV test approval.

Microwave motion sensor
120-277Vac input, IP65 rating, max detect height is 15m.

Safety Chain
304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long.

Shopy

Shopy with an ingenious design, snow white lamp body matched with PC diffuser, is exceptional for different commercial applications, such as shopping-mall, large plazas, large docking, etc.
It is integrated with PC diffuser which makes efficacy up to 140lm/w but low anti-glare. Simple and stylish outlook is a heavenly solution to your aesthetically demanding spaces.

Made of Aluminum Alloy.

LED	BIN	CRI 80	IP65	IK08	
		DALI 1-10 V 0-10 V	– DIM + 1-100 %	CE	

Key features

- Super high efficacy up to 145 lm/W
- Full wattage: 30W, 50W, 75W, 100W, 120W, 150W, 180W
- Low UGR solution (optional)
- Intelligent control: 1-10V, DALI
- PC reflector

Applications

- Indoor and outdoor high ceiling application
- Warehouse
- Factory
- Industrial facility
- Chemical facilities
- Exhibition centers
- Shopping malls
- Stadiums
- Toll stations

Accesories

PC reflector
90°PC reflector with lid.
Code: H00C03A+H00C03B
(90 °) (30W-75W)
Code: H00C01A+H00C01B
(90 °) (100W-180W)

Safety Chain
304 stainless steel, available for 0.25m, 1m, 1.5m and 5m long.
Code: SC-H01-01a

Technical Data @5000K

Model No.	SHOPY 030	SHOPY 050	SHOPY 075	SHOPY 100	SHOPY 120	SHOPY 150	SHOPY 180
Power Consumption (±5%)	30W	50W	75W	100W	120W	150W	180W
Input Voltage	100-240 VAC, 50 / 60 Hz						
Power Factor	≥0.92						
Surge Protection	6kV line-line, 10kV line-earth						
Control	Dimmable, DALI						

Optic Information

LED Type	LED 2835						
Luminous Flux (±10%)	4350lm	7250lm	10875lm	14500lm	17400lm	21750lm	26100lm
Efficacy(5000K Ra80)	145lm/W						
Correlated Color Temperature	5000K (3000K, 4000K optional)						
Color Rendering Index	Ra80						
Beam Angle	H00107+H00C03 -A, H00104+H00C03 -A, H00103+H00C03 -A			H00A09+H00C01A			
UGR level	22						

Dimensions and Mounting

Product Dimension	Ø278x276mm	Ø421x385mm		
Luminaire Net Weight	2.5±0.3kg	5.3±0.3kg	5.6±0.3kg	5.7±0.3kg
Mounting Option	Loop Mounting			
Material	Aluminum Alloy, Tempered Glass/Polycarbonate Optical Lens			
Finish	Powder Coating			
Fixture Color	White			
IK Rating	IK08			
IP Rating	IP65			

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED	76.000hrs-L80
Warranty	5 Years

Photometry

30W-75W beam angle

H00107+H00C03-A

H00104+H00C03-A

H00103+H00C03-A
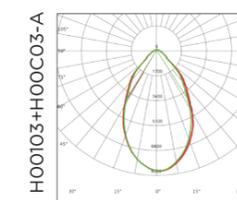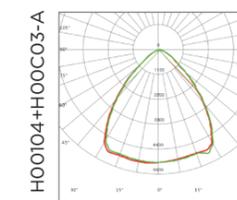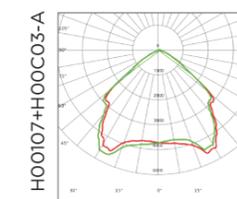
100W-180W beam angle

H00A09+H00C01A
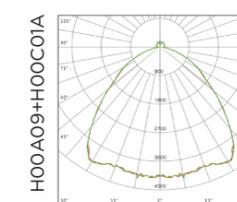
Dimensions
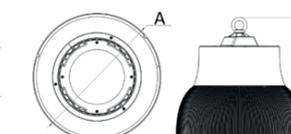
Type	A (mm)	B (mm)
SHOPY 30W-75W	Ø278	276
SHOPY 100W-180W	Ø421	385

Mounting Option

Loop Mouting
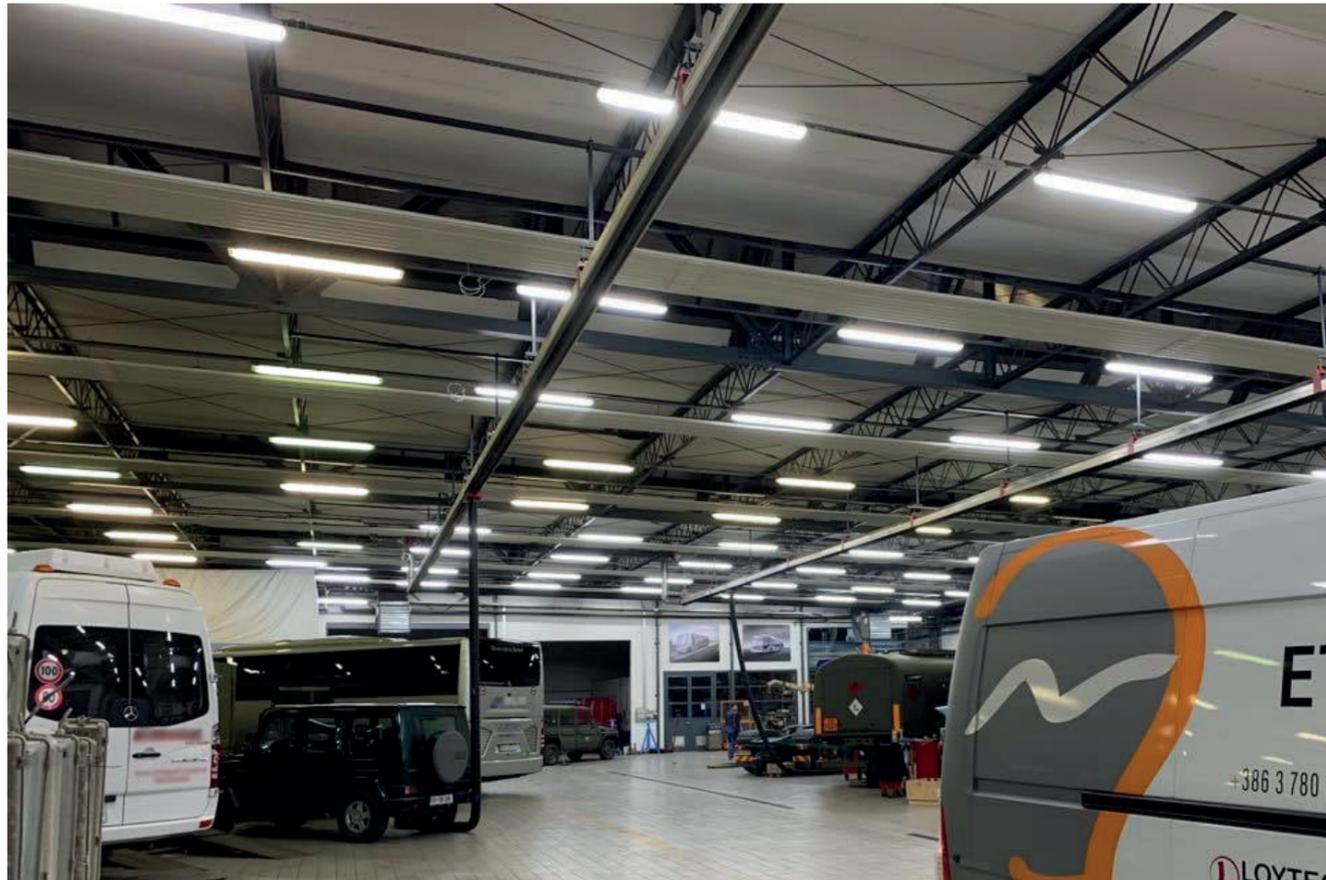
LINEAR LIGHTS

LED linear lights are designed is designed for warehouse lighting application.
It generates rectangular lighting pattern, perfectly matching warehouse aisles,
The fixture provides an intelligent solution, which could save up to 90% of energy.
Its specially-designed lens solves glare problem and provides more soft light for
workers in the warehouse.

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Zigando
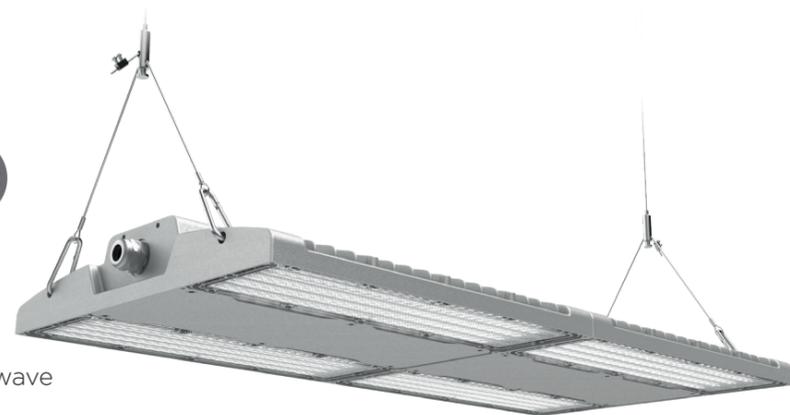
Refined with IP66 equal for indoor & outdoor application, it continues to improve integral and customized intelligent control: PIR Sensor, Microwave Motion Sensor, photocell, Zigbee, as well as DALI, emergency function for huge energy saving.

Further more, we could do some customization, such as LED power adjustable, CCT select-able, Anti-glare grille lens, wire guard, etc.

Made of Aluminum Alloy.

LED	BIN	CRI >70	IP66	IK10	
⏚	▢	DALI 1-10 V 0-10 V	– DIM + 1-100 %	CE	♻

Key features

- 100W/150W/200W/240W/300W/400W/480W
- 155lm/W
- Low UGR
- IP66, IK10 rated
- Specialized asymmetrical optic 25°*85° for aisle, workshop and warehouse
- Smart control all in one, including PIR, Microwave motion sensor, photocell, Zigbee, DALI, Emergency
- Pendent mounting, pipe mounting for multiple installation

Applications

- Indoor and outdoor high ceiling application
- Warehouse
- Factory
- Industrial facility
- Exhibition centers
- Stadiums
- Toll stations

Accesories

Safety line
Stainless steel materials
Code: SL-L09-01

±60deg rotatable bracket
SPCC materials.
Code: BC-L09-01

Ceiling mount bracket
SPCC materials.
Code: BC-L09-02

Optic lens
PC materials.
Code: Please refer to Photometry.

Microwave motion sensor / Remote
120-277Vac input, IP65 rating, max detect height is 15m.

PIR sensor
120-277Vac input, IP65 rating, max detect height is 15m.

Daylight sensor
1-10V DC input, IP20 rating, daylight Harvestingfunction.

Zigbee daylight sensor
An optional sensor control for Zigbee system, 100-277Vac input, IP65 rating.

Zigbee microwave motion sensor
An optional sensor control for Zigbee system, 100-277Vac input, IP65 rating.

Zigbee wireless control
1pcs for each luminaire.
Zigbee gateway
1pcs can control 100pcs fixtures.

Technical Data @5000K

Model No.	ZIGANDO 100	ZIGANDO 150	ZIGANDO 200	ZIGANDO 240	ZIGANDO 300	ZIGANDO 400	ZIGANDO 480
Power Consumption (±5%)	100W	150W	200W	240W	300W	400W	480W
Input Voltage	220-240 VAC						
Power Factor	>0.91						
Surge Protection	6kV line-line, 10kV line-earth						
Control	Dimmable/DALI Control / ZigBee Control / Microwave sensor / PIR sensor						

Optic Information

LED Type	LED 3030						
Luminous Flux (±10%)	15500lm	23250lm	31000lm	37200lm	46500lm	62000lm	72000lm
Efficacy (5000K Ra70)	155lm/W						150lm/W
Correlated Color Temperature	5000K (3000K, 4000K optional)						
Color Rendering Index	Ra70 (Ra80 optional)						
Beam Angle	L04501, L00401, L00402, L00403, L04502 (More optics available)						

Photometry

Strip optic lens

L00401 25x85°

L00402 60x100°

L00403 80x100°

Dotted optic lens

L04501 60°

L04502 90°

Dimensions and Mounting

Product Dimension	340x325x60mm		680x325x60mm			1020x325x60mm	
Luminaire Net Weight (±0.3kg)	3.5kg	3.7kg	6.7kg	6.8kg	7.8kg	10.7kg	11.1kg
Mounting Option	Suspension mounting, Ceiling bracket & ±60deg rotatable bracket mounting						
Material	Aluminum Alloy, Polycarbonate Optical Lens						
Finish	Powder Coating						
Fixture Color	Silver gray						
IK Rating	IK10						
IP Rating	IP66						

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED	82.000hrs-L80
Warranty	5 Years

Mounting Option

Loop Mouting

Ceiling mounting

Dimensions

Type	A (mm)	B (mm)	C (mm)
100W 150W	340	325	60
200W 300W	680	325	60
400W 480W	1020	325	60

Vita

VITA is a strong, compact luminaire for food industry that got the NSF certificate as well. The housing provides IP69K ingress protection (100 bars) along with extreme chemical resistance. And it is designed for heavy hose-down applications or daily sanitation.

Made of Aluminum Alloy.

IP69K

LED | BIN | CRI > 80 | IP69K | IK06

DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Technical Data @5000K

Model No.	VITA-070	VITA-120
Power Consumption (±5%)	70W	120W
Input Voltage	100-240VAC, 50 / 60 Hz	
Power Factor	>0.95	
Surge Protection	6kV line-line, 10kV line-earth	
Control	0-10V dimmable	

Optic Information

LED Type	LED 2835	
Luminous Flux (±10%)	9450lm	16200lm
Efficacy(5000K Ra80)	135lm/W	
Correlated Color Temperature	5000K (3000K, 4000K optional)	
Color Rendering Index	Ra80	
Beam Angle	L00111, L00112, L00113, L00114, L00118, L00B01	

Photometry

L00111 (40x100°) L00112 (60x90°) L00113 (70x100°) L00114 (bilateral asymmetric 25°) L00118 (90x00°) L00B01 (120°)

Dimensions and Mounting

Product Dimension	629x114x86mm	1209x114x86mm
Luminaire Net Weight	2.3±0.3kg	3.5±0.3kg
Mounting Option	Suspension Mounting, Ceiling Mounting	
Material	Housing:Aluminum Alloy Optics: Polymethyl methacrylate Optical Lens	
Finish	Anodizing	
Fixture Color	Anodized Aluminum Color	
EPA	0.15m²	
IK Rating	IK06	
IP Rating	IP69K	

Dimensions

70W

120W

Type	A (mm)	B (mm)	C (mm)
VITA-070	629	114	86
VITA-120	1209	114	86

Lifespan and Warranty

Operating Temperature	-30°C to + 45°C
Lifetime of LED @Ta=25°C	64.000hrs-L80
Warranty	5 Years

Mounting Option

Suspension mounting   Ceiling mounting

Key features

- Efficiency up to 135lm/W
- 70W, 120W covers two sizes
- Equivalent to 300W Metal Halide lamps
- Built in power supply
- Pmma cover is optional
- IP66 protection
- IP69K, against water pressure of 100bar(1450psi) and temperature of 85°C

Applications

- Food processing plant
- Warehouse
- Factory
- Chemical facilities
- Beverage processing
- Poultry and meat processing
- Pet-food production
- Grain and sugar production
- Any area demanding a well sealed, smooth, high output LED light fixture

Accesories

Optic lens
High transmittance PMMA materials, UV test approval.
Code: Please refer to Photometry for different beam angle.

Safety rope
304 stainless steel, available for 2m long.
Code: SL-L19-01

Adjustable ceiling mount bracket
SPCC materials with outdoor powder coating.
Code: BC-L19-01

Stark

The STARK Series is designed specifically to provide reliable illumination in industrial locations with high ceilings and high ambient operating temperatures up to 65°C, such as die-cast facilities, foundries, iron forges, steel mills, power generation, chemical plants, pulp and paper plants, blast furnaces, etc. These type of industrial aplications often experience drastic temperature fluctuations and require an industrial lighting solution with extremely high operating temperatures.

STARKS's superior thermal management system ensures consistent light levels and exceptional efficacy of 160 lm/W in hot environments. The fixture is IP66 rated and can withstand wash downs and protect against the ingress of dust, oil and other non-corrosive materials.

LED driver is installed separately from the chips

High ambient operating temperature

65°C

Respirator, avoiding moisture

LED | BIN | CRI >70 | IP66 | IK08

DALI 1-10 V 0-10 V | DIM + 1-100 %

Tempered glass *protect PC lens from oil accumulation, which ensures high intensity of LED system, and withstand wash downs, easy to clean.*

Technical Data @5000K

Model No.	STARK-200/T	STARK-400/T
Power Consumption (±5%)	200W	400W
Input Voltage	120-277 V/347-480VAC, 50 / 60 Hz	
Power Factor	>0.95	
Surge Protection	6kV line-line, 10kV line-earth	
Control	0-10V dimmable	

Optic Information

LED Type	LED 3030	
Luminous Flux (±10%)	32000lm	64000lm
Efficacy(5000K Ra70)	160lm/W	
Correlated Color Temperature	5000K (4000K optional)	
Color Rendering Index	Ra70 (Ra80 optional)	
Beam Angle	L02404(30°) L02403(45°) L02402(60°) L02401(90°)	
UGR level	22	

Dimensions and Mounting

Product Dimension	760x371x173mm	1164x371x173mm
Luminaire Net Weight	10.7±0.3kg	15.6±0.3kg
Mounting Option	Suspension Mounting, Ceiling Mounting	
Material	Housing:Aluminum Alloy, Optics:Poly-methyl methacrylate Optical Lens, Cover: Tempered Glass	
Finish	Sandblasting oxidation	
Fixture Color	Anodized Aluminum Color	
IK Rating	IK08	
IP Rating	IP66	

Lifespan and Warranty

Operating Temperature	-30°C to + 65°C
Lifetime of LED @Ta=25°C	126.000hrs-L80, 56.000hrs-L90
Warranty	5 Years

Photometry

L02404(30°) | L02403(45°)

L02402(60°) | L02401(90°)

Dimensions

200W

400W
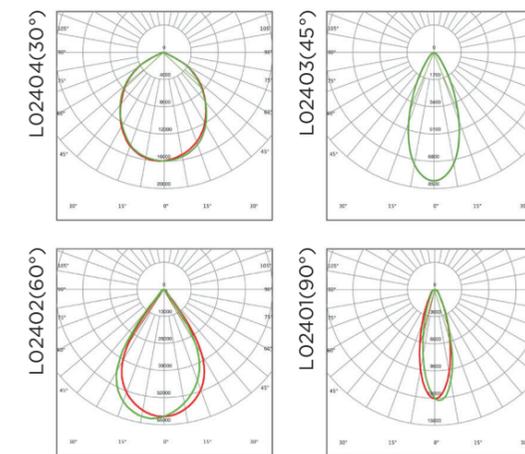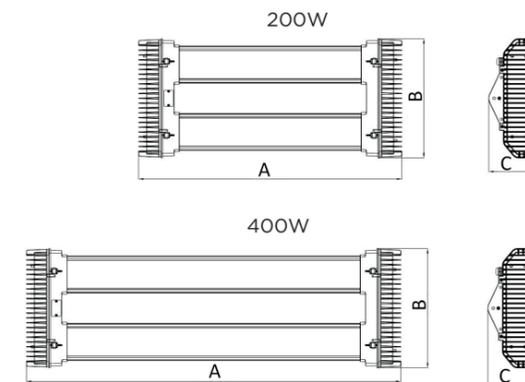
Type	A (mm)	B (mm)	C (mm)
STARK-200/T	760	371	173
STARK-400/T	1164	371	173

Mounting Option

Suspension | Ceiling

Key features

• High Energy Efficiency 160lm/W
• Universal voltage 120-277V
• IP66 Rating
• 0-10V dimming standard
• Beam Angle 30°/45°/60°/90° for options
• Operating temperature: -30°C to + 65°C
• Triangle heat sink for excellent heat dissipation and dust-proof
• Clamshell driver compartment for easy maintenance
• Versatile suspend mounting
• 5 years warranty

Applications

• Heavy manufacturing plants
• Toll station
• Steelworks
• Refinery
• Hangers
• Exhibition center
• Gymnasium

Accesories

Optic lens
High transmittance PC materials, UV test approval.
Code: please refer to Photometry.

Safety chain
304 stainless steel, available for 0.5m long.

Adjustable ceiling mount bracket
SPCC materials with outdoor powder coating.

Ella

ELLA is an upgraded linkable model with concise and stylish appearance. Dimmable with indirect lighting optional.
The high efficiency and multiple light distributions make ELLA ideal for multiple applications.
Made of Aluminum Alloy.

LED | BIN | CRI > 80 | IP40 | IK04

DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Seamless Connection

With Linklite continua, seamless illumination is possible with a flexible continuous roll lens that won't ripple or bow over long lengths. The result is high quality uniform illumination along the entire run length for a truly unique aesthetic.

Key features

• Linkable
• Trunking System with indirect lighting optional
• Anti-UV cover
• Multiple beam angles optional with PMMA lens
• High efficiency up to 140 lm/W
• DALI, 0-10V Dimming optional
• Fast installation and easy maintenance
• Convenient wiring on the side

Applications

• Supermarkets
• Warehouse
• Large-scale indoor places
• Parking garage
• Sports court

Accesories

Terminal Feed in Trunking
Code: TF-L22-02 (7 Wires)

Terminal Feed in Trunking, 7 Wires With Motion Sensor
Code: TF-L22-03

Trunking, 7 Wires With Motion Sensor
Code: TS-L22-01

Suspension Kits
Dia 1.5mm, 2m length Steel wire sling for the pendant mounting.
Code: SL-L22-01

Technical Data @4000K

Model No.	ELLA 040	ELLA 060	ELLA 075	ELLA 040A	ELLA 060A	ELLA 075A
Power Consumption (±5%)	40W	60W	75W	40W	60W	75W
Direct Power	40W	60W	75W	30W	45W	60W
Indirect Power	/	/	/	10W	15W	15W
Input Voltage	220-240 VAC, 50 Hz					
Power Factor	>0.9					
Surge Protection	1kV line-line, 2kV line-earth					
Control	0-10V dimmable, DALI					

Optic Information

LED Type	LED 2835					
Luminous Flux (±10%)	5600lm	8400lm	10500lm	5600lm	8400lm	10500lm
Efficacy(4000K Ra70)	140lm/W					
Correlated Color Temperature	4000K (3000K, 5000K optional)					
Color Rendering Index	Ra80 (Ra70 optional)					
Beam Angle	L00112, L00114, L00115, L00116, L00118			L00112 + L00119, L00114 + L00119, L00115 + L00119, L00116 + L00119, L00118 + L00119		

Dimensions and Mounting

Product Dimension	1447x60x88mm	1447x60x90.7mm
Luminaire Net Weight	3.3±0.3kg	3.5±0.3kg
Mounting Option	Suspension Mounting	
Material	Aluminum Alloy, PMMA Lens	
Finish	Anodizing	
Fixture Color	Anodized Aluminum Color	
IK Rating	IK04	
IP Rating	IP40	

Lifespan and Warranty

Operating Temperature	-20°C to + 45°C
Lifetime of LED @Ta=25°C	81.000hrs-L80
Warranty	5 Years

Photometry

Direct lighting | Direct + Indirect lighting

L00112(55°x90°) | L00112(55°x90°)+L00119
L00114(21°25°) | L00114(21°25°)+L00119
L00115(°25°) | L00115(°25°)+L00119
L00116(110°x100°) | L00116(110°x100°)+L00119
L00118(90°x100°) | L00118(90°x100°)+L00119
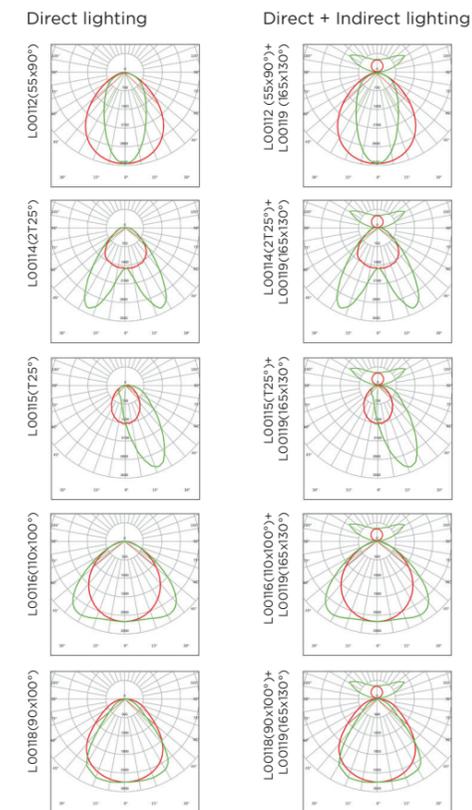
Dimensions
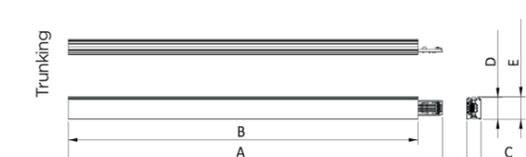
Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Trunking	1548.5	1447	60	88	90.7

Mounting Option

Suspension

Xsara LED

Housing made of glass fiber polycarbonate (optional reinforced polyester, moulded under high pressure (GRP, PE), injected diffuser made of polycarbonate matt OPAL without glare. White painted metal gear with a retaining clip for easy maintenance.
Clips: stainless steel clips or polyamide clips (hingeable).

ECONOMIC

⊙⊙⊙ LED | CRI > 80 | IP66 | IK10 | CE

⏚ | ☐ | DALI 1-10 V 0-10 V | DIM 0-100 % | ♻

Technical Data @4000K

Model No.	XSARA LED 11809	XSARA LED 13621	XSARA LED 15835	XSARA LED 21817	XSARA LED 23641	XSARA LED 25861
Power Consumption (±5%)	9	22	38	18	45	64
Luminous Flux	1216lm	2885lm	4699lm	2432lm	5771lm	8312lm
Luminous Efficacy	145lm/W	141lm/W	135lm/W	145lm/W	141lm/W	138lm/W
Input Voltage	198-264 VAC / 176-280 VDC 0/50/60 Hz					
Power Factor	0.98					
Surge Protection	1kV					
Driver Type	Tridonic					
Control	DALI, basicDIM Wireless (optional)					

Key features

- Screwless installation
- Lumen packages 1280 – 11061 lumens
- Efficiency up to 91%
- Dimming 1-100% (optional)
- Temperature protection as per EN 61347-2-13 C5e
- Overload, short-circuit protection
- Surge protection 1kV
- Luminaire insulation class 1 (class 2 optional)
- 5 year guarantee

Applications

- Production facilities
- Parking garages
- Warehouse
- Damp or wet locations
- Food processing plants

Optic Information

LED Type	SMD LED
Efficacy	up to 203lm/W @200mA
Correlated Color Temperature	4000 K (optional 3000K and 6500K)
Color Rendering Index	Ra80
McAdams	3

Photometry

Dimensions and Mounting

Mounting Option	Surface mounted or suspended
Material	polycarbonate - PC (Optional-glass reinforced Polyester compression moulded)
Fixture Color	Gray
IK Rating	IK10
IP Rating	IP66

Dimensions

Type	L (mm)	W (mm)	H (mm)	Lf (mm)	No. of Clips	Weight
XSARA118XX	665	84	98,5	400	6	1,5
XSARA136XX	1275	84	98,5	800	8	1,8
XSARA158XX	1575	84	98,5	1100	10	2,2
XSARA218XX	665	134	98,5	400	6	2
XSARA236XX	1275	134	98,5	800	8	2,9
XSARA258XX	1575	134	98,5	1100	10	3,8

Lifespan and Warranty

Operating Temperature	-15° C - +40°C
Lifetime of LED modules	>72.000hrs, L80F10
Lifetime of LED driver	>100.000hrs
Warranty	5 Years

Accesories

Simple suspension
Suspension standard maximum length 1,5m.

Stainless steel susp. bracket

Quick connection gland

SmartSWITCH HF 5DPf
For automatic on/off switching of luminaires with electronic ballasts and LED drivers.
Bright-out function: luminaire is not switched on if there is adequate brightness.
Delay time, detection range and light value for the bright-out function can be set via 9 dip switches.

BasicDIM Wireless moduleG2
Wireless controllable with an Android / iOS smart device.
Forms automatically a wireless communication network with up to 250 nodes.

Technical Data @4000K

Model No.	Xsara11808	Xsara13620	Xsara15833	Xsara21815	Xsara23640	Xsara25851
Power Consumption (±5%)	9	22	37	17	45	56
Luminous Flux	1266lm	3235lm	5468lm	2532lm	6470lm	8088lm
Luminous Efficacy	163lm/W	160lm/W	166lm/W	163lm/W	160lm/W	160lm/W
Input Voltage	198-264 VAC / 176-280 VDC 0/50/60 Hz					
Power Factor	0.98					
Surge Protection	1kV					
Driver Type	Tridonic					
Control	DALI, basicDIM Wireless (optional)					

Optic Information

LED Type	SMD LED
Efficacy	up to 203lm/W @2 00mA
Correlated Color Temperature	4000 K (optional 3000K and 6500K)
Color Rendering Index	Ra80
McAdams	3

Photometry

Dimensions and Mounting

| Mounting Option	Surface mounted or suspended
Material	polycarbonate - PC (Optional-glass reinforced Polyester compression moulded)
Fixture Color	Gray
IK Rating	IK10
IP Rating	IP66

Dimensions

Type	L (mm)	W (mm)	H (mm)	Lf (mm)	No. of Clips	Weight
XSARA118XX	665	84	98,5	400	6	1,5
XSARA136XX	1275	84	98,5	800	8	1,8
XSARA158XX	1575	84	98,5	1100	10	2,2
XSARA218XX	665	134	98,5	400	6	2
XSARA236XX	1275	134	98,5	800	8	2,9
XSARA258XX	1575	134	98,5	1100	10	3,8

Lifespan and Warranty

Operating Temperature	-15° C - +40°C
Lifetime of LED modules	>72.000hrs, L80F10
Lifetime of LED driver	>100.000hrs
Warranty	5 Years

FLOOD LIGHTS

LED flood light is designed for indoor and outdoor applications, including Billboard lighting, Sport lighting, and Parking lots.
It is an energy-saving replacement for traditional flood light.

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Fly

FLY LED flood light is optimized solution with full power from 30W/50W-300W, made with different size housings, which improve the products cost effectiveness.

Multiple lighting distribution optional, including symmetric and asymmetric beam angles, which will be a great help to win different projects such as; tennis court, badminton court, etc.

Made of Aluminum Alloy.

LED	**BIN**	**CRI > 70**	**IP66**
IK08			
DALI 1-10 V 0-10 V	**DIM** 1-100 %	**CE**	

Tempered glass cover at the top prevents the lens from yellowing.

Full completed lens, less screw, more elegant.
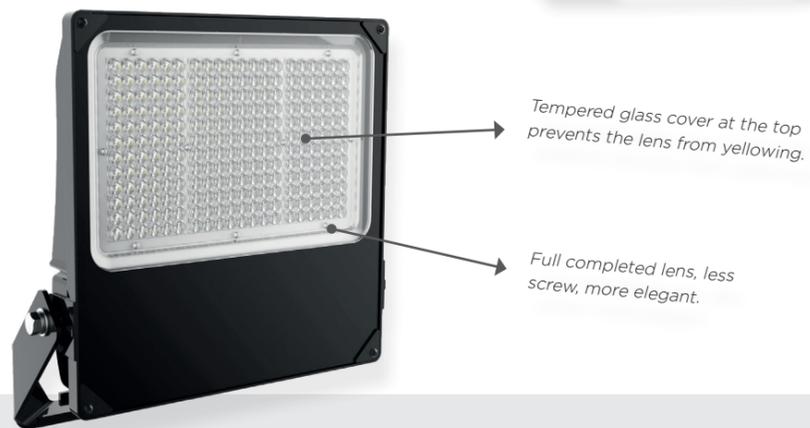
Key features

- Cost-effictive but high quality
- Covering the best sellers 50W-100W-150W-200W-300W
- Five different dimensions, to achieve the best cost control for different wattage
- Stream line design, fashion outlook and not easy to accumulate water
- The vent avoid internal fogging and frosting.
- Wide choice of optics to suit more applications: asymmetrical and symmetrical
- 5 years warranty

Applications

- Exhibition center
- Shopping mall
- Stadium
- Accent lighting
- Parking lots
- For recreational sports (tennis courts, basketball courts...)

Accesories
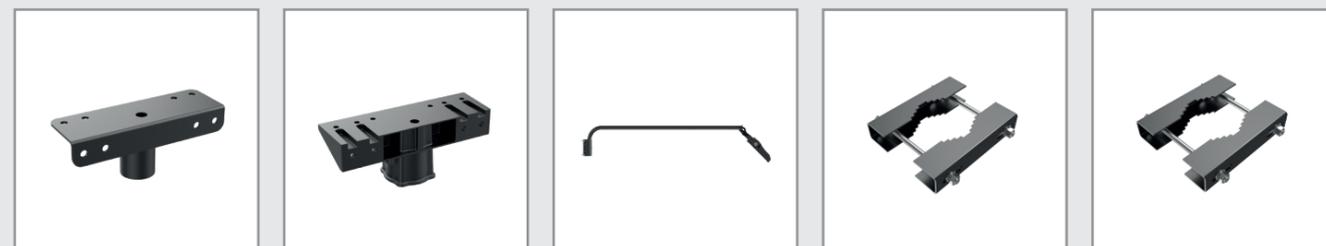
Pole mounting adaptor
Q235 steel, cold galvanized, ecoating with powder coating.
Code: BC-F08-02(dia.42mm)
Code: BC-F08-03(dia.76mm)

Pole mounting adaptor
Aluminum materials with powder coating, dia.60mm.
Code: BC-F15-06

Outrigger mounting bracket
SPCC materials, for 50W only.
Code: BC-F08-05

Clamp mount bracket
SPCC materials, for dia. 40mm-100mm pole.
Code: BC-F15-07a

Clamp mount bracket
SPCC materials, for dia. 40mm-150mm pole.
Code: BC-F15-07b

Technical Data @5000K

Model No.	FLY 050	FLY 100	FLY 150	FLY 200	FLY 300
Power Consumption (±5%)	50W	100W	150W	200W	300W
Input Voltage	220-240VAC, 50 / 60 Hz				
Power Factor	>0.90	>0.95			
Surge Protection	6kV line-line, 6kV line-earth	6kV line-line, 10kV line-earth		6kV line-line, 12kV line-earth	
Control	1-10V dimmable				

Optic Information

LED Type	SMD 3030				
Luminous Flux (±10%)	6250lm	12500lm	18750lm	25000lm	37500lm
Efficacy(4000K Ra70)	125 lm/W				
Correlated Color Temperature	5000K (3000K, 4000K optional))				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	F06401, F06402, F06403, F06404	F12801, F12802, F12803, F12804	F19201, F19202, F19203, F19204	F22401, F22402, F22403, F22404	F38401, F38402, F38403, F38404

Dimensions and Mounting

Product Dimension	267x228x 55mm	314x269x 61mm	360x302x 67mm	398x343x 70mm	470x406x 80mm
Luminaire Net Weight	1.8kg	2.8kg	3.9kg	5.3kg	8.1kg
Mounting Option	Bracket Mounting / Pole Mounting				
Material	Aluminum Alloy, Tempered Glass and Polycarbonate Optical Lens				
Finish	Powder Coating				
Fixture Color	RAL 9017 Traffic Black				
EPA	0.05m²	0.07m²	0.08m²	0.11m²	0.16m²
IK Rating	IK08				
IP Rating	IP66				

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	63.000hrs-L70
Warranty	5 Years

Photometry

Beam angle	
50W	F06401
100W	F12801
150W	F19201
200W	F22401
300W	F38401

Beam angle	
50W	F06402
100W	F12802
150W	F19202
200W	F22402
300W	F38402

Beam angle	
50W	F06403
100W	F12803
150W	F19203
200W	F22403
300W	F38403

Beam angle	
50W	F06404
100W	F12804
150W	F19204
200W	F22404
300W	F38404
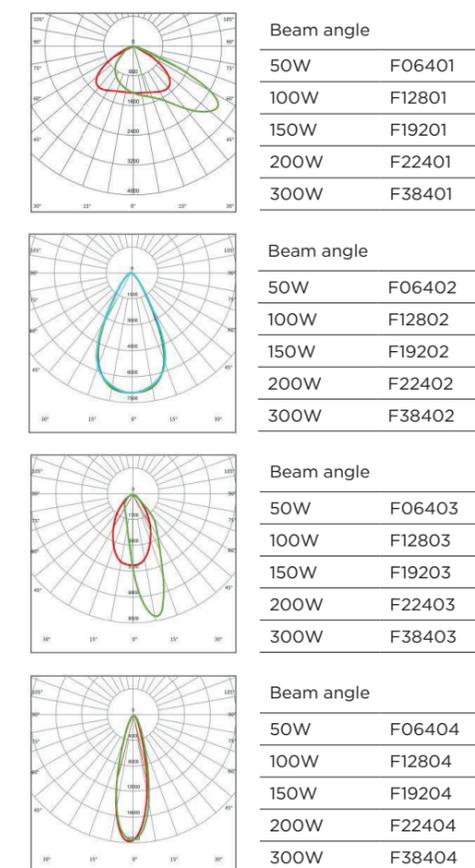
Dimensions
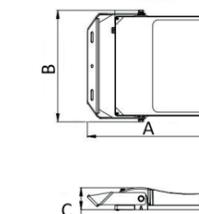
Type	A (mm)	B (mm)	C (mm)
50W	267	228	55
100W	314	269	61
150W	360	302	67
200W	398	343	70
300W	470	406	80

Mounting Option

Bracket   Pole   Outrigger

G-Power

G-POWER is a premium 600W floodlight, 100% flicker-free, supports HDTV live broadcasting, ideal for use at the larger soccer field, stadiums, etc. It has a huge advantage for high pole mounting, where it is required precise lighitng performance on every position on the ground.

Thanks to Luxar professional optic design, the lighting distribution is available in 10deg. We can bolt a visor to this fixture, to minimize glare. The fixture ca be adjusted vertically and horizontally, which helps make sure each spot has enough light so you can achieve a fantastic uniform lighting.

Made of Aluminum Alloy.

Flicker Free

| LED | BIN | CRI > 70 | IP66 | IK08 | |
| DALI 1-10 V 0-10 V | DIM 1-100 % | CE | | | |

Adjustable mounting bracket

Modern adjustable mounting bracket ensures the G-Power LED system is the perfect solution for any sports field.

100°   ±90
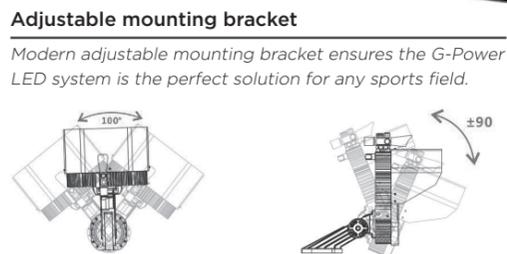
Key features

- All into one, cold-forging technology heat sink with good heat dissipation
- High system efficiency 140lm/W, lumen package up to 84000lm
- Precise lighting distribution 10°/30° to achieve excellent zero light pollution
- Bracket with universal angle adjustment by horizontally and vertically
- Fixture body is treated with electrophoresis for strong anti-corrosion characteristics and powder coated paint
- Quick install and efficient maintenance, driver box can be fixed together with the body on the side

Applications

- Sports court
- Billboard lighting
- Exhibition center
- Shopping mall
- Accent lighting
- Parking lots

Accesories

Aiming device
Exact aiming to help easy install upon lighting simulation.
Code: AD-A00-01
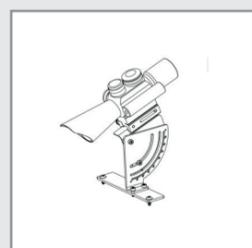
Adjustable bracket for Aiming device
SPCC materials, installed in fixture body 20° beam angle adjustable.
Code: BC-A00-01

Visor
SPCC materials.
Code: NA-A00-01

U bracket
SPCC materials.
Code: BC-F18-04

Technical Data @5000K

Model No.	G-POWER 600	Driver Box (600W)	Driver Box (1200W)
Power Consumption (±5%)	600W	600W	1200W
Input Voltage	DC 126 V	100-240VAC 100-277VAC 50/60Hz	
Power Factor	/	>0.92	
Surge Protection	/	6kV line-line, 10kV line-earth	
Control	/	1-10V dimmable, DALI, DMX Control	

Optic Information

LED Type 1	LED 5050
Luminous Flux (±10%)	84000lm
Efficacy(5000K Ra70)	140lm/W
Beam Angle	F25203(30°), F25204(Type III very short)
LED Type 2	LED 3737
Luminous Flux (±10%)	84000lm
Efficacy(5000K Ra70)	130lm/W
Beam Angle	F25201(10°), F25202(15°)
Correlated Color Temperature	5000K (3000K, 4000K, 5700K optional)
Color Rendering Index	Ra70 (Ra80, Ra90 optional)

Dimensions and Mounting

Product Dimension (mm)	411x583x436	458x278x158.5
Luminaire Net Weight	11.5±0.3kg 8.7±0.3kg	12.5±0.3kg
Mounting Option	U type bracket mounting, Arm bracket mounting	
Material	Aluminum Alloy, Tempered Glass and Poly-carbonate Optical Lens	
Finish	Powder Coating	
Fixture Color	RAL 9017 Traffic Black	
EPA	0.2m²	0.15m²
IK Rating	IK08	IK10
IP Rating	IP66	

Lifespan and Warranty

|	
Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	94.000hrs-L80
Warranty	5 Years

Photometry

FO2501 (10°)   FO2502 (15°)

FO2503 (30°)   F25204 Type II very short

Dimensions

Fixture

600W/1200W Driver Box

Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
Fixture	411	583	436	436	404
Driver Box	458	278	158.5		

Mounting Option

Arm bracket   U bracket

Remote driver box   Back up driver box
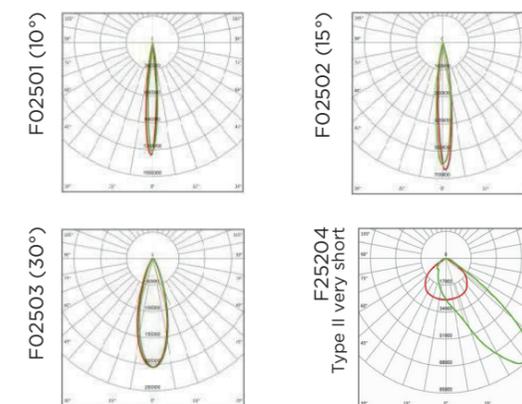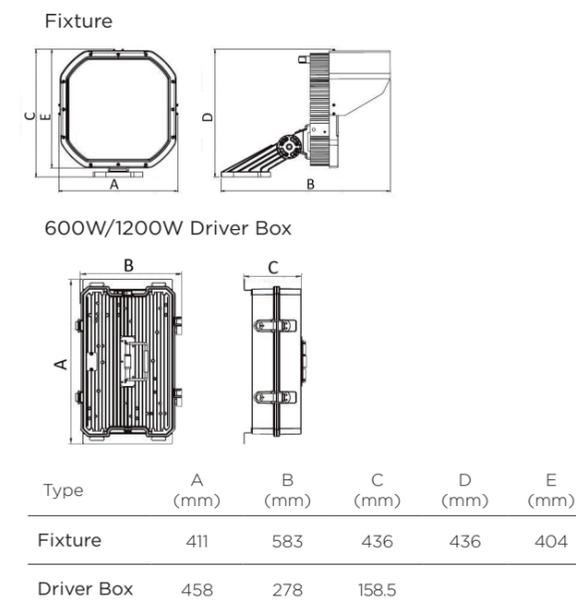
Vader

VADER is a professional high power sports lighting fixture, which has a cooling heatsink structure embeded in the housing, with two LED modules integrated in housing, with powers of up to 1200W.

All the light is focused in a very specific direction to illuminate the desired area. People on the designated area will not see the light source, which makes Vader a high-quality lighting solution. Due to its specific optics it makes a firendly enviroment, which is comfortable and it is suitable for sports fields, airports, ports, etc.

Made of Aluminum Alloy.

LED | BIN | CRI > 70 | IP66 | IK08

DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Aiming device
Hand grip
Visor
Pure aluminum heat sink
Reliable Adjustable bracket

Key features

- 1200W 1:1 replace the 2000W HID fixture
- High quality optics ensures exact lighting distribution
- Asymmetric lighting distribution 25x100° and 30x90° optional
- High brightness and also high uniformity lighting performance
- Good heat dissipation, lifetime up to L90B10 100,000hrs
- Driver box as a separate part, flexible installation

Applications

- Sports court
- Billboard lighting
- Exhibition center
- Shopping mall
- Accent lighting
- Parking lots

Accesories

Aiming device
Exact aiming to help easy install upon lighting simulation.
Code: AD-A00-01
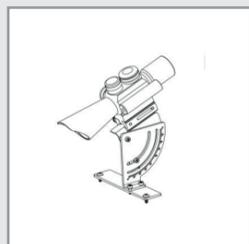
Adjustable bracket for Aiming device
SPCC materials, installed in fixture body 20° beam angle adjustable.
Code: BC-A00-01

Technical Data @5000K

Model No.	VADER-1K2
Power Consumption (±5%)	1200W
Input Voltage	AC 100-240V, 50-60Hz
Power Factor	>0.92
Surge Protection	6kV line-line, 10kV line-earth
Control	DALI, DMX, Zigbee

Optic Information

LED Type	LED 3030
Luminous Flux (±10%)	156000lm
Efficacy(4000K Ra70)	130lm/W
Correlated Color Temperature	5000K (4000K, 5700K optional)
Color Rendering Index	Ra70 (Ra80 optional)
Beam Angle	F05401, F05402

Dimensions and Mounting

Product Dimension	Fixture body	790x403 525mm	Driver box	458x278 159mm
Luminaire Net Weight	Fixture body	28.5±0.3kg	Driver box	12.5±0.3kg
Mounting Option	Bracket Mounting / Pole Mounting			
Material	Aluminum Alloy, Tempered Glass and Poly-carbonate Optical Lens			
Finish	Powder Coating/Anodizing			
Fixture Color	Fixture body	Grey	Driver box	Black
EPA	Fixture body	0.38m²	Driver box	0.12m²
IK Rating	IK08			
IP Rating	IP66			

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	84.000hrs-L80
Warranty	5 Years

Photometry

F05401 | F05402

Dimensions

Fixture body
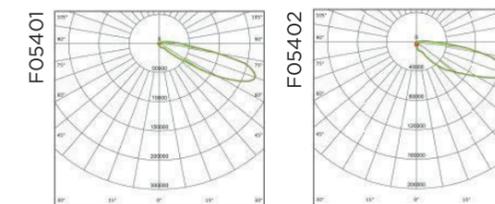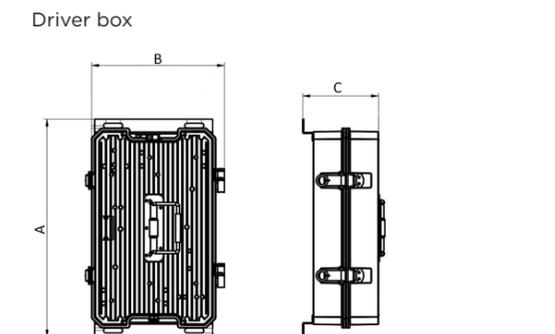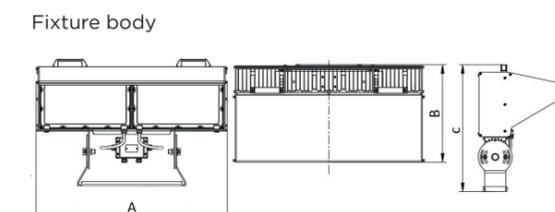
Driver box

Type	A (mm)	B (mm)	C (mm)
Fixture	790	403	525
Driver Box	458	278	159

Mounting Option

Bracket Mouting

Azra

AZRA is designed for landscape lighting, with a variety of beam angles. The lamp has four kinds of light emitting modes, single white, CCT adjustable, RGB and RGBW, as well as four control functions 0-10V dim, DALI dim, Bluetooth control and DMX control, which ensures precise operation for every application.

Made of Aluminum Alloy.

LED	BIN	CRI > 70	IP66	IK08

		DALI 1-10 V 0-10 V	DIM 1-100 %	CE	

RGB	RGBW

Base mount   *U-bracket mount*   *Ground spike*
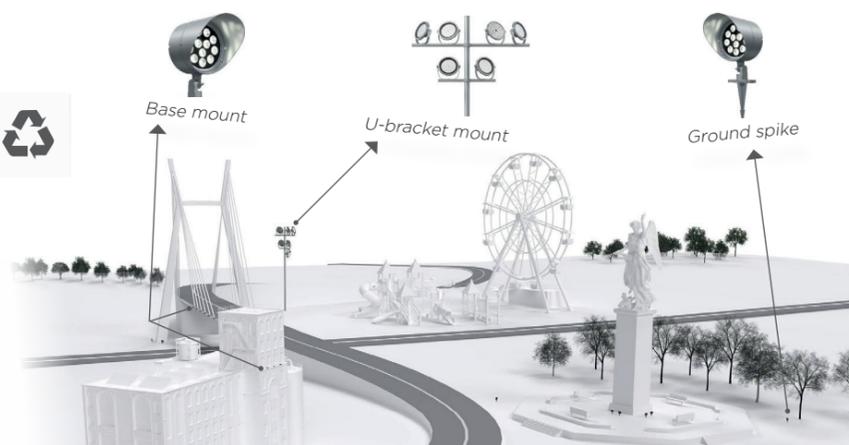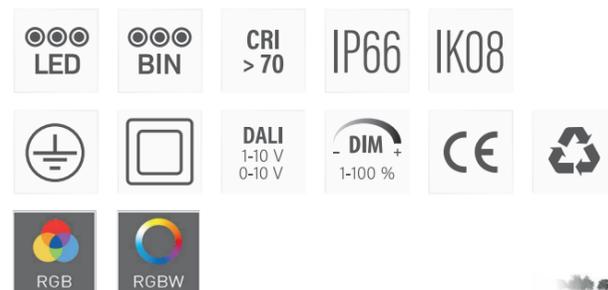
Key features

- Exquisite appearance
- Different angle lenses to choose from
- Minimum angle 3.8°
- Color options: single white, CCT adjustable, RGB, RGBW
- Smart control: 0-10V, DALI, Bluetooth, DMX control
- Excellent heat dissipation, longer lifespan
- Available in DC version

Applications

- Facades appearance
- Square
- Plaza
- Business street
- Park
- Advertising board
- Bridge

Accesories

Safety rope
Stainless steel rope, 1m length.
Code: SL-F33-01
(for 35W-150W)

Visor
Prevention of light pollution.
Code: BC-F39-01(for 35W)

Visor
Prevention of light pollution.
Code: BC-F39-02(for 150W)

Embrace hoop
Suitable for pipeline installation.
Code: BC-F39-03(for 35W)

Ground spike
Code: MT-F39-01

Technical Data @4000K

Model No.	AZRA-035	AZRA-100	AZRA-150
Power Consumption (±5%)	35W	100W	150W
Input Voltage	AC 100-240V, 50 / 60 Hz		
Power Factor	>0.9		
Control	DALI dim/ 0-10V dim/ Bluetooth control/DMX control		

Optic Information

LED Type	CREE-XPG3		
Luminous Flux (±10%)	3500lm	10000lm	15000lm
Efficacy(4000K Ra70)	100lm/W		
Beam Angle	F00111/F00113/F00114/F00115/F00116/F00117		
Correlated Color Temperature	4000K (2200K,3000K, 5000K optional) RGB/RGBW/CCT adjustable(2200K-4000K)		
Color Rendering Index	Ra80 (Ra70, Ra90 optional)		

Dimensions and Mounting

Product Dimension	219.5x330x100	450x452x160mm
Luminaire Net Weight	3.7±0.3kg	10±0.3kg
Mounting Option	Base Mounting/Bracket Mounting/Embrace hoop Mounting/Ground spike Mounting	
Material	Aluminum Alloy, PC+PMMA lens, Glass	
Finish	Powder Coating	
Fixture Color	Silver RAL 9006	
EPA	0.04m²	0.12m²
IK Rating	IK08	
IP Rating	IP66	

Lifespan and Warranty

Operating Temperature	-30°C to + 50°C
Lifetime of LED @Ta=25°C	48.000hrs-L80
Warranty	5 Years

Photometry

F00110		F00111
F00113		F00114
F00115		F00116
F00117		F00118

Dimensions

35   150

Type	A (mm)	B (mm)	C (mm)
AZRA-035	219.5	330	100
AZRA-100/150	450	452	160

Mounting Option

Base   Bracket

Embrace hoop   Ground spike
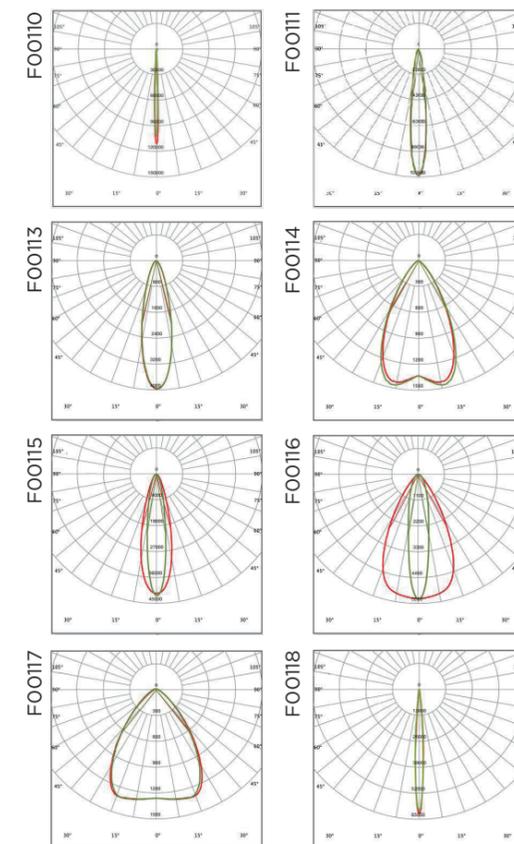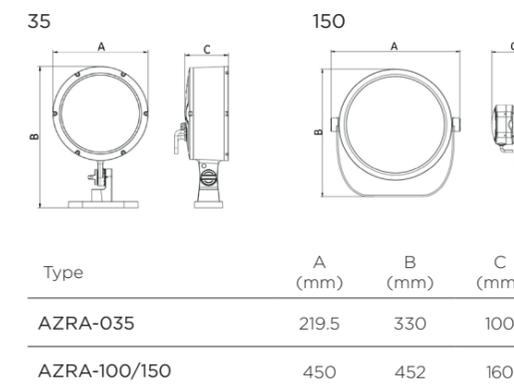
Sportage

SPORTAGE LED sports light is designed for high mounting applications, such as large soccer field, large plazas. 600W/800W/1000W/1200W with small beam angle can be positioned to a certain area, to minimise glare and to control light uniformity. Module could be adjusted vertically and horizontally to get the best light uniformity.

Made of Aluminum Alloy.

LED	BIN	CRI > 70	IP66	IK08	EK 22
		DALI 1-10 V 0-10 V	DIM 1-100 %	CE	♻

Housing

Single piece heatsink made of pressure die-cast aluminum, compact yet robust, surface with outdoor powder-coating, good corrosion-resistance.

Wiring

Housing has pre-mounted electrical connection box with push-in terminals and IP67 stainless steel cable gland, it enables a quick electrical connection to the driver box, also enhance the wiring safety.

Bracket

The large bracket is designed with stiffeners, it is enough to load the luminaire weight firmly and strongly, also able to withstand the wind resistance or snow load and other environmental influences.

Key features

- Modular design, 600W/800W/1000W/1200W
- Convenient and robust design enables the fixture to be fitted in lots of different outdoor lighting applications
- Multiple optics options F19801, F19802, F19803, F19804, F19805, F19806, F19808 to offer excellent light pollution control
- Excellent anti-corrosion performance
- Efficiency up to 140lm/W, 160lm/W, more energy saving
- Provided with 20kV Build-in Surge Protection Devices

Applications

- Outdoor sports fields
- Square
- Stadium
- Exhibition center
- Soccer field

Accesories
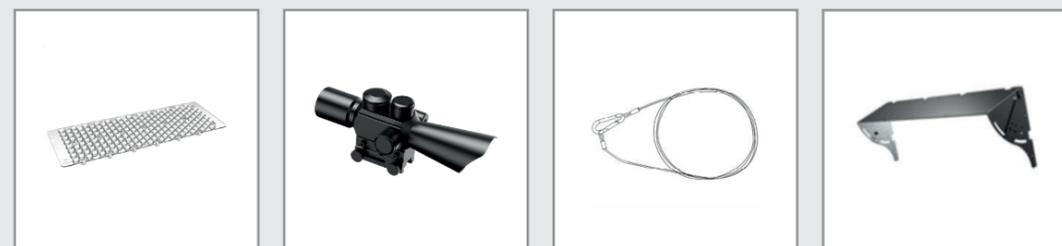
Optic lens
High transmittance PC materials, UV test approval.
Code: please refer to Photometry

Precision Aiming Device
Accurate adjustment of luminaire projected position.

Safety rope
Auxiliary safety device to prevent accidents.

Visor
Visor for up or donw light.
Code: BC-F28-01

Technical Data @5000K

Model No.	SPORTAGE 600	SPORTAGE 800	SPORTAGE 1K0	SPORTAGE 1K2
Power Consumption (±5%)	600W	800W	1000W	1200W
Input Voltage	100-240VAC / 277-480 VAC, 50 / 60 Hz			
Power Factor	>0.92			
Control	dimmable, DALI, DMX, Zigbee Wireless Control			

Optic Information

LED Type 1	LED 3737			
Luminous Flux (±10%)	84000lm	112000lm	140000lm	168000lm
Efficacy(5000K Ra70)	140lm/W			
Beam Angle	F19801, F19803, F19808			
LED Type 2	LED 5050			
Luminous Flux (±10%)	96000lm	128000lm	160000lm	192000lm
Efficacy(5000K Ra70)	160lm/W			
Beam Angle	F19802, F19804, F19805, F19806			
Correlated Color Temperature	5000K (4000K,5700K optional)			
Color Rendering Index	Ra70 (Ra80 , Ra90 optional)			

Dimensions and Mounting

Product Dimension	731x597x356mm	825x597x356mm
Luminaire Net Weight	26±0.3kg 29.8±0.3kg	33.2±0.3kg
Mounting Option	Bracket Mounting	
Material	Aluminum Alloy, Glass and Polycabonate Optical Lens	
Finish	Powder Coating	
Fixture Color	RAL 9017 Traffic Black	
EPA	0.33m²	0.39m²
IK Rating	IK08	
IP Rating	IP66	

Lifespan and Warranty

Operating Temperature	-30°C to + 40°C
Lifetime of LED @Ta=25°C	111.000hrs-L80
Warranty	5 Years

Photometry 600W-1200W beam angle

F19801 F19802 F19803 F19804 F19805 F19806 F19808
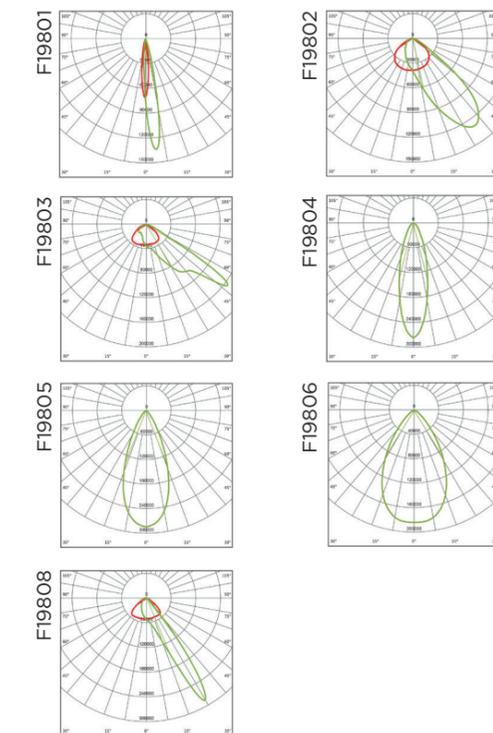
Dimensions

600W/800W/1000W/1200W
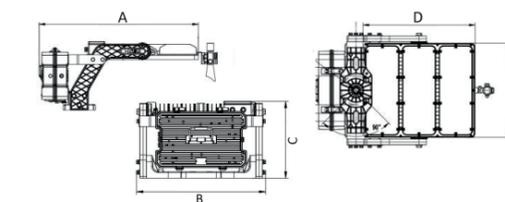
Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
600W 800W	731	597	356	390	490
1000W 1200W	825	597	356	580	490

Mounting Option

Bracket

HORTICULTURE LIGHTS

Our clients share their joys, harvests and successful business using the LUXAR LED grow lights and lighting solutions.

Echo

ECHO is a high performance indoor horticulture LED grow light using quantum board technology, it is designed for grow tents and indoor farms applications. With simple and secure design and high safety performance Powerland integrated driver.

Made of Aluminum Alloy.

LED | BIN | CRI > 70 | IP65

DALI 0-10 V | DIM 1-100 % | CE
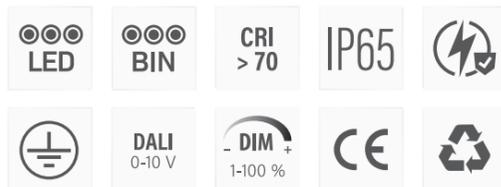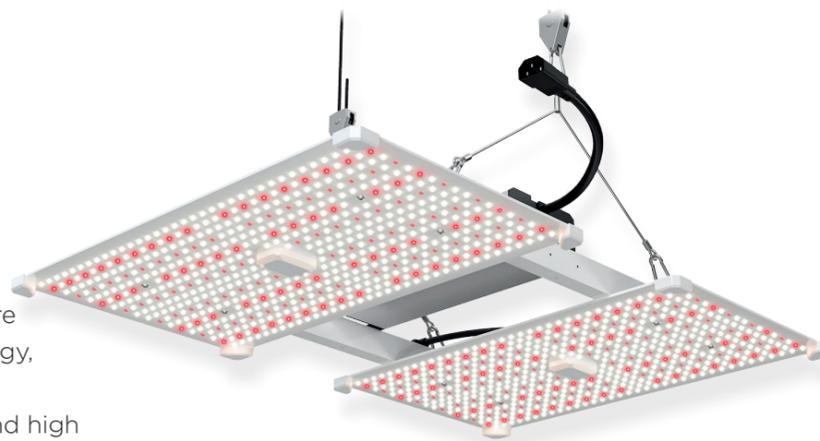
With a simple and secure design, Echo is a high-performance horticultural LED light using quantum board technology. It is also an ideal lighting solution for home growing. The convenient setup makes Echo more popular.

Reliable passive-cooled design.

0-10V knob dimming.

Convenient and easy setup.

High intensity and even coverage in a grow tent or room.

Key features

- First quantum board LED grow light
- Flexible power: 250W & 500W
- Safe and reliable fixtures
- IP65 (dust and watertight)
- 5 years warranty

Accesories

Hanging ropes

Hanging hooks

Applications

- Grow tents
- Indoor farms

Compliance

- CE
- ETL
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive

Technical Data

Model No.	ECHO-250	ECHO-500
Power Consumption (±5%)	250W	500W
Heat BTU Generated	852.5 BTU	1705 BTU
Power Input	100-277Vac, 50-60Hz	
Power Factor	>0.9	
Dimming	0-10V	
Insulation Class	Class I	

Optic Information

System efficacy	2.6 μmol/J (35%)	2.6 μmol/J (35%)
Luminous Flux (±10%)	650 μmol/s	1300 μmol/s
Radiation angle	120°	

Dimensions and Mounting

Product Dimension	505 x 305 x 98mm	755 x 505 x 104mm
Luminaire Net Weight	3.36±0.3kg	6.18±0.3kg
Mounting Option	Suspension Mounting	
Material	Housing: Aluminum Optics: Conformal coating (transmission>97%)	
IP Rating	IP65 (dust and watertight)	

Lifespan and Warranty

Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Warranty	5 Years

PPFD test result

Spectrum	ECHO-P02-01
Cover area	1.2m x 1.2 m
1 fixture needed for	1.44 m²
PPFD value: 250W 45cm/18"	Average: 475.5 μMol/m2/s Maximum: 902 μMol/m2/s Minimum: 49 μMol/m2/s
PPFD value: 500W 45cm/18"	Average: 674.5 μMol/m2/s Maximum: 1235 μMol/m2/s Minimum: 114 μMol/m2/s

Photometry
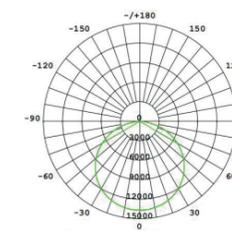
Spectrum
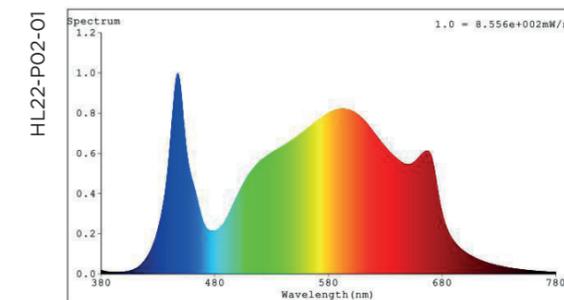
Dimensions

250W | 500W

Type	A (mm)	B (mm)	C (mm)
250W	505	305	98
500W	755	505	104

Mounting Option

Hanging rope (*2 sets)

250W 45cm | 500W 45cm
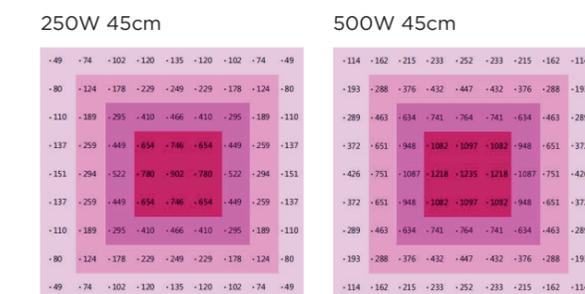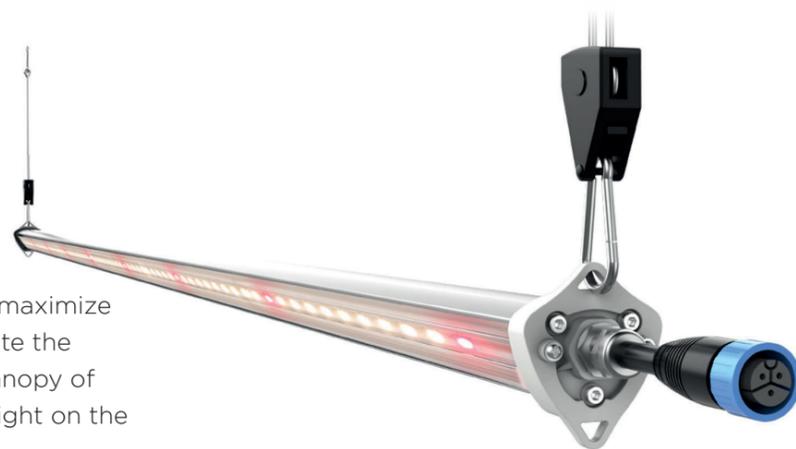
Bellis

BELLIS is the ideal LED interlighting system to maximize the yield of crop in growing cycle or to anticipate the cultivation cycle. By placing the LEDs on the canopy of plants directs and focuses growth-stimulating light on the most important part of the crop.

Lamps can be cleaned by using pressurized water because complete electrical circuit is sealed and waterproof.

Made of Aluminum Alloy.

LED	**BIN**	**CRI > 70**	**IP65**	
	DALI 0-10 V	**DIM + 1-100 %**	**CE**	
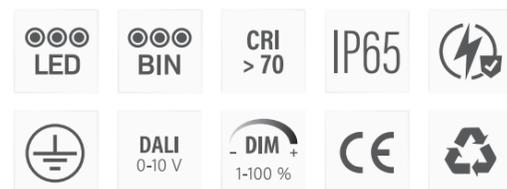
LED interlighting is designed for high vine crops and medical cannabis, which allows to adopt such a mode of lighting that places lamps on the canopy of plants directing and focusing growth-simulating light on the most important part of the crop.

IP65 Waterproof Rating

IP65 rated makes LED interlighting operate well in greenhouse, indoor or other high humidity environments.

Wide Illumination Angle

Double-sided lighting design, minimizes light interception and keeps the lower canopy to get optimal and uniform light.

Daisy-chain Design

Bellis with plug-and-play connector, supports up to 20pcs of fixtures connected to one driver. Daisy-chained design helps save installation time and reduce total installation cost in commercial projects.

Durable aluminum with less shading

Inverted triangle structure minimizes the shadow on the plant canopy which is caused by the light from the top. Oblique layout of LEDs is conductive to the formation of a suitable light distribution angle whitch in turn helps the lamps to irradiate the most important parts of crops.

Key features

- Linkable solution
- High efficiency up to 3 μmol/j
- Connect up to 20pcs interlighting modules with just one power connection, and save the total cost of project
- Durable aluminum lightweight profile with low shading
- IP65 waterproof solution
- 5 years warranty

Accesories

Applications

- High-density crops
- Outdoor/Indoor farms
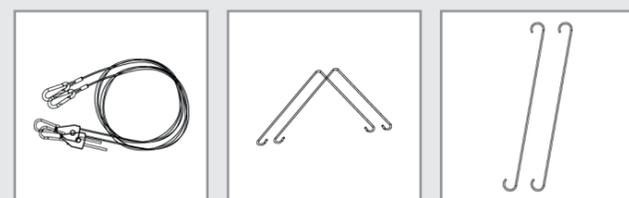
Compliance

- CE
- ETL Pending
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive

Technical Data

Model No.	BELLIS-75	BELLIS-150
Power Consumption (±5%)	75W	150W
DC Input	56V	56V or 250V
Heat BTU Generated	255.75 BTU	511.5 BTU
Dimming	0-10V	
Insulation Class	Class I	

Optic Information

System efficacy	2.7 μmol/J (±5%)	2.7 μmol/J (±5%)
PPF Output	202.5 μmol/s	405 μmol/s
System efficacy (Cannabis)	2.1 μmol/J (±5%)	2.1 μmol/J (±5%)
PPF Output (Cannabis)	157.5 μmol/s	315 μmol/s
Lighting Emit	Double-sided 120°	

Dimensions and Mounting

Product Dimension	1380x49x59mm	2500 x 49 x 59mm
Luminaire Net Weight	1.2±0.3kg	2.2±0.3kg
Mounting Option	Suspension Mounting	
Material	Housing: Aluminum Optics: PC cover	
Finishing	Anodic oxidation	
IP Rating	IP65 (dust and watertight)	

Lifespan and Warranty

| Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C
Warranty	5 Years

Spectrum
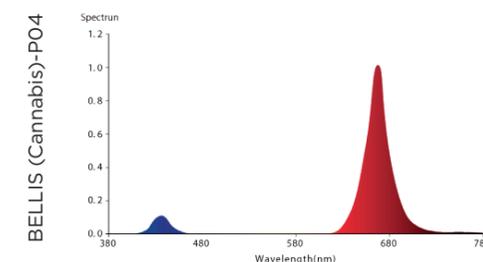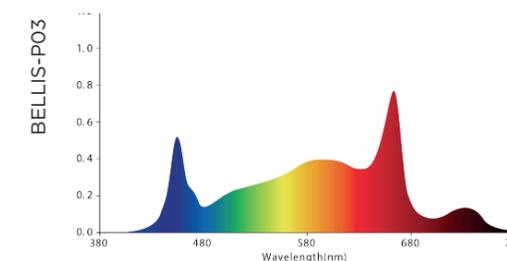
Dimensions
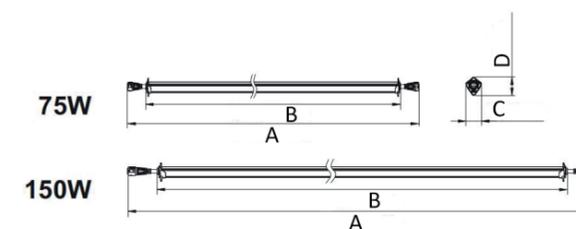
Type	A (mm)	B (mm)	C (mm)	D (mm)
75W	1380	1174	49	59
150W	2500	2294	49	59

Double-sided 120° Lighting Emit

Double-size LEDS - one light for two rows

BELLIS	BELLIS - Cannabis

Lexi
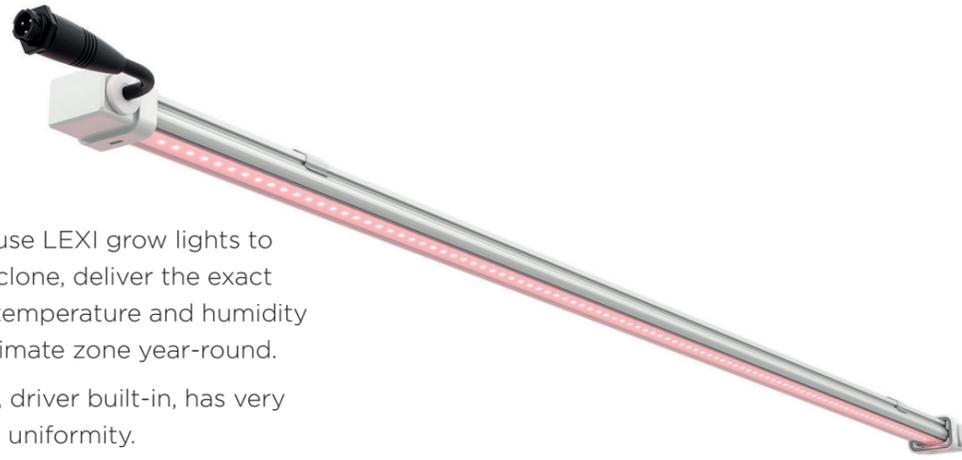
Vertical farms and plant factory use LEXI grow lights to grow leafy greens and cannabis clone, deliver the exact nutrients each plant needs with temperature and humidity control to create an optimized climate zone year-round.

It comes with daisy chain design, driver built-in, has very flexible installation and high light uniformity.

Made of Aluminum Alloy.

LED	BIN	CRI >70	IP65	⚡
⏚	DALI 0-10 V	CE	♻	

Lexi can be used for complete replacement of florescent T5 fixtures or HPS/metal halide lights for inside vegging to grow moms, clones, or any starts in a completely controlled environment.
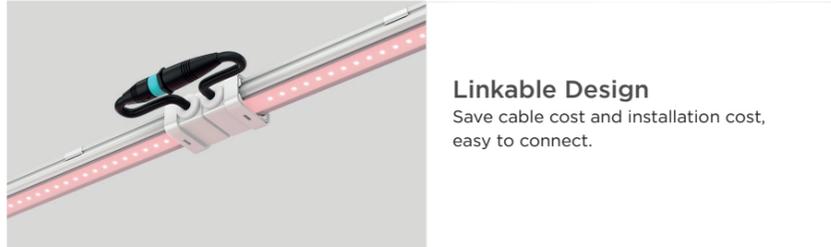
Linkable Design
Save cable cost and installation cost, easy to connect.

IP65 Waterproof Solution
Complete replacement of florescent T5 and T8 fixtures or HPS/metal halide lights.

Simple and stylish, Ultra-slim design, Light weight

Key features

- Competitve price to support your project
- Thin profile, light weight can save shipping cost
- Best full spectrum performance improve plants grow
- IP65 waterproof solution
- Built-in driver, easy for installation and transportation
- 5 years warranty

Accesories

Clips (*2 pcs)   **Connection cable**

Applications

- Grow tents
- Outdoor/Indoor farms

Compliance

- CE
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive

Technical Data

Model No.	LEXI-20	LEXI-30
Power Consumption (±5%)	20W	30W
Current Range	0.2-0.3A @ 100V, 0.07-0.11A @ 277V	
Heat BTU Generated	68.2-102.3 BTU	
Power Input	100-277Vac, 50-60Hz	
Power Factor	>0.9	
Dimming	No	
Insulation Class	Class I	

Optic Information

System efficacy	1.8-2.3 μmol/J (±5%)
PPF Output	36-69 μmol/s
System efficacy (Cannabis)	120°

Dimensions and Mounting

Product Dimension	1200 x 48 x 33mm
Luminaire Net Weight	0.5kg
Mounting Option	Clips
Material	Housing: Aluminum Optics: Conformal coating (transmission >97%)
IP Rating	IP65 (dust and watertight)

Lifespan and Warranty

Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Warranty	5 Years

Photometry

Spectrum

LEXI-P11-OO

LEXI-P122-OO
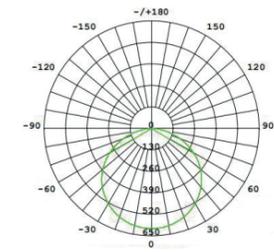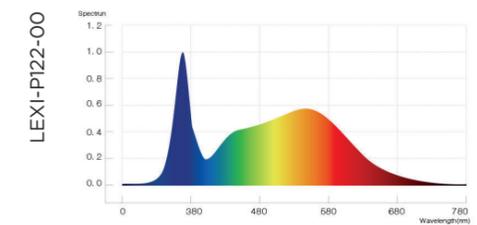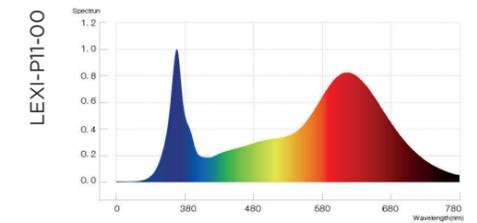
Dimensions

Type	A (mm)	B (mm)	C (mm)
20W/30W	1200	48	33

Maron

MARON is a high-performance, full-cycle lighting solution for commercial horticulture cultivation, with the power to scale from vegetative growth to higher light intensities in bloom.

Made of Aluminum Alloy.

LED	BIN	CRI > 70	IP65	
DALI 0-10 V	DIM 1-100 %	CE		

Providing 1.2 x 1.2 m for both vegetative and flower, our Fold 6 or 8 LED grow lights for indoor plants supports all stages of plants' growing life cycle, whether used in a tent for home growers or chained together with up to 512 pcs fixtures in a large commercial operation.

Compact Design
Slim design and foldable 180 degrees, making it small, compact and very easy to install.

Top Quality Configuration
Applied with top quality Samsung full spectrum white leds + Osram 660nm red light.

Key features
- Higher efficiency up to 2.8 µmol/J
- Optional spectrums for client to chose
- External driver, easy for maintainance and good for heat dissipation
- Foldable design easy installation and maintenance
- Two different installation ways to better fit in various growing environment
- Match with Trolmaster control system
- 5 years warranty

Accesories

Hanging rope (* 4 pcs)

Applications
- Grow tents
- Indoor farms

Compliance
- CE
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive

Technical Data

Model No.	MARON-600	MARON-720
Power Consumption (±5%)	600W	720W
Current Range	6A @ 100V, 2.17A @ 277V	6A @ 100V, 2.17A @ 277V
Heat BTU Generated	2046 BTU	2455.2 BTU
Power Input	100-240Vac, 277Vac, 50-60Hz	
Dimming	0-10V	
Insulation Class	Class I	

Optic Information

System efficacy	2.0-2.65 µmol/J (±5%)	
PPF Output	1200-1590 µmol/s	1440-1908 µmol/s
System efficacy (Cannabis)	120°	

Dimensions and Mounting

Product Dimension	1033 x 1202 x 94mm	
Luminaire Net Weight	9.5kg	10.2kg
Mounting Option	Suspension Mounting	
Material	Housing: Aluminum Optics: Conformal coating	
IP Rating	IP65 (dust and watertight)	

Lifespan and Warranty

Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Warranty	5 Years

PPFD test result

Spectrum	MARON-P101-00
Cover area	1.2m x 1.2 m
Height fixture above canopy	45cm & 60cm
1 fixture needed for	1.44 m²
PPFD value: 250W 45cm/18"	Average: 604 µMol/m²/s Maximum: 1002 µMol/m²/s Minimum: 206 µMol/m²/s
PPFD value: 500W 45cm/18"	Average: 501 µMol/m²/s Maximum: 793 µMol/m²/s Minimum: 209 µMol/m²/s

Photometry

Spectrum

MARON-P100-00

MARON-P101-00

MARON-P02-00

Dimensions

600W

720W

Type	A (mm)	B (mm)	C (mm)	D (mm)
600W/720W	1033	1202	94	399

600W 45cm

600W 60cm
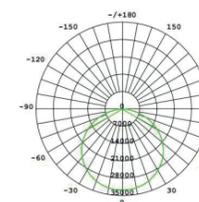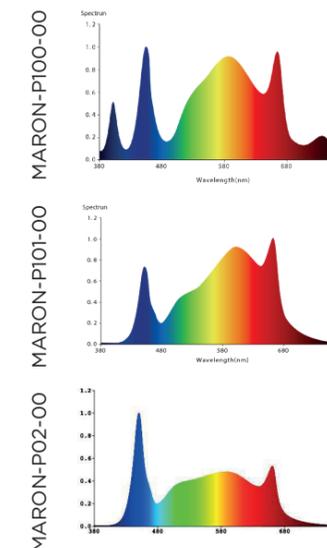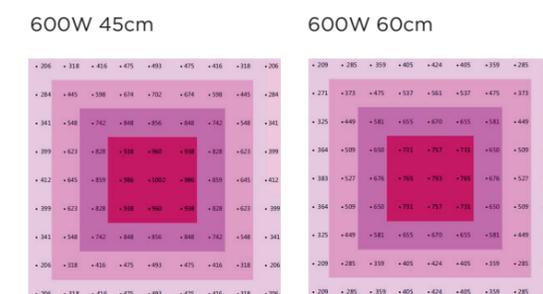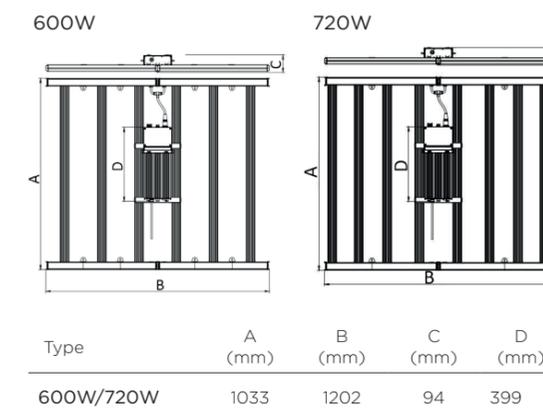
Raiden

RAIDEN innovates the design with built-in driver and 8 light bars, makes it easy installation. It is designed for commercial horticulture cultivation, with the power to scale from vegetative growth to bloom.

Made of Aluminum Alloy.

LED	BIN	CRI > 70	IP65	
	DALI 0-10 V	DIM + 1-100 %	CE	

Engineered with versatility in mind, RAIDEN is the perfectly close-access grow light for high DLI crops and is essential for any commercial growing and vertical farming operations.
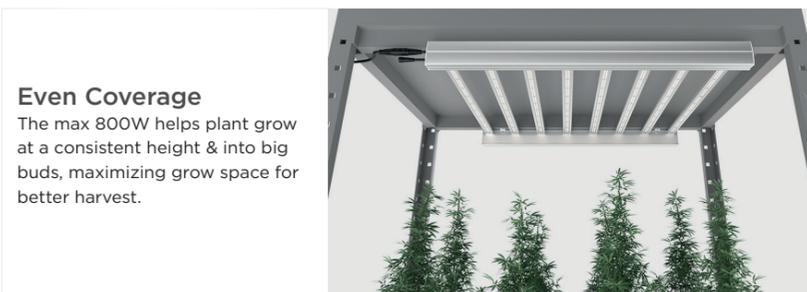
Even Coverage
The max 800W helps plant grow at a consistent height & into big buds, maximizing grow space for better harvest.

Linkable Design
Complete your existing operation with its own daisy chain power supply.

Key features

- Daisy-chained.
- Easy to open driver box, it is convenient to maintain, and replace.
- IP65 waterproof solution.
- 5 years warranty.

Applications

- Grow tents
- Indoor farms

Accesories

Hanging rope
(* 4 pcs)

M19 AC wire (3M)
(* 1 pc)

M12 dimming wire (3M)
(* 1 pc)

Compliance

- CE
- ETL certification
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive.

Technical Data

Model No.	RAIDEN-800
Power Consumption (±5%)	800W
Current Range	8A @ 100V, 3.33A@ 240V 2.89A @ 277V, 1.67A @ 480V
Heat BTU Generated	2728 BTU
Power Input	100-240Vac,277Vac,50-60Hz 277-480Vac,50-60Hz
Power Factor	>0.95
Dimming	0-10V
Insulation Class	Class I

Optic Information

System efficacy	2.0-2.65 µmol/J (±5%)
PPF Output	1600-2000 µmol/s
System efficacy (Cannabis)	120°

Dimensions and Mounting

Product Dimension	1063 x 1070 x 88 mm
Luminaire Net Weight	10.9 kg
Mounting Option	Suspension Mounting
Material	Housing: Aluminum Optics: Conformal coating (transmission >97%)
IP Rating	IP65 (dust and watertight)

Lifespan and Warranty

| Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Warranty	5 Years

PPFD test result

Cover area	1.2m x 1.2 m
Height fixture above canopy	45cm & 60cm
1 fixture needed for	1.44 m²
PPFD value: 800W 45cm	Average: 787 µMol/m²/s Maximum: 1264 µMol/m²/s Minimum: 285 µMol/m²/s
PPFD value: 800W 60cm	Average: 669 µMol/m²/s Maximum: 1080 µMol/m²/s Minimum: 298 µMol/m²/s

Spectrum

RAIDEN-P100-00

RAIDEN-P101-00

RAIDEN-P102-00
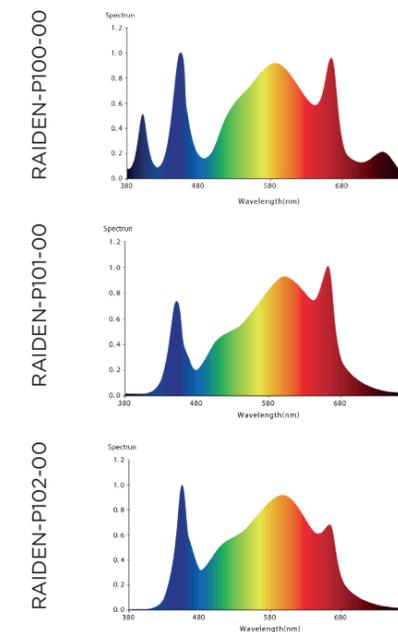
Dimensions
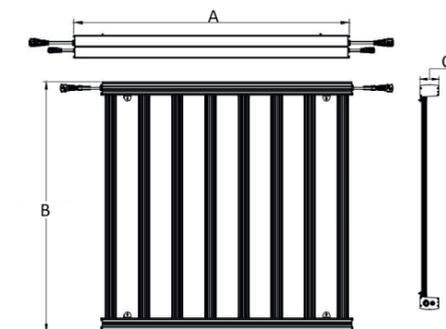
Type	A (mm)	B (mm)	C (mm)
800W	1063	1070	88

800W 45cm

800W 60cm

Victoria

Victoria UFO shape LED grow light comes with smaller, lighter and more powerful design. It can replace traditional 250W or 400W HPS or MH. Optional optic lens make the lighting more concentrated. Good for leafy greens greenhouse and indoor farm projects.

Made of Aluminum Alloy.

LED | BIN | CRI > 70 | IP65

DALI 0-10 V | DIM 1-100 % | CE

Key features

- Top version led grow light for greenhouse
- Built-in driver solution
- IP65 rating
- For greenhosue growing flowers, lettuce, tomato and cucumber which need top lighting
- 5 years warranty

Accesories

Hanging rope

Applications

- Greenhouse
- Grow tents
- Indoor farms

Compliance

- CE
- ETL certification
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive.

Technical Data

Model No.	VICTORIA-150	VICTORIA-200
Power Consumption (±5%)	150W	200W
Current Range	1.5-2A @ 100V, 0.54-0.72A @ 277V	
Heat BTU Generated	2728 BTU	
Power Input	100-240VAC /100-277 VAC	
Power Factor	>0.9	
Dimming	0-10V	
Insulation Class	Class I	

Optic Information

System efficacy	1.8-2.5 μmol/J (±5%)
PPF Output	180-500 μmol/s
System efficacy (Cannabis)	120°

Dimensions and Mounting

Product Dimension	Ø287x186mm	Ø287x198mm
Luminaire Net Weight	4.1±0.3kg	4.2±0.3kg
Mounting Option	Loop Hanging	
Material	Housing: Aluminum Optics: Glass cover (transmission >90%)	
IP Rating	IP65 (dust and watertight)	

Lifespan and Warranty

Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Warranty	5 Years

Photometry

Spectrum

VICTORIA -P02-B00

VICTORIA -P02-O0
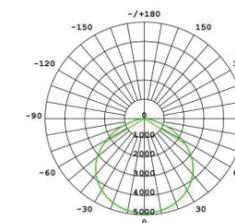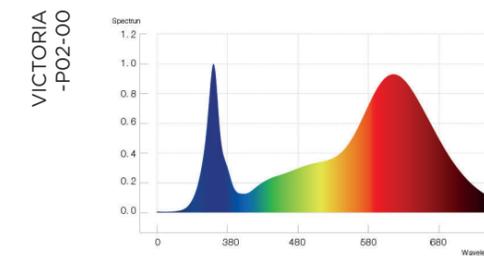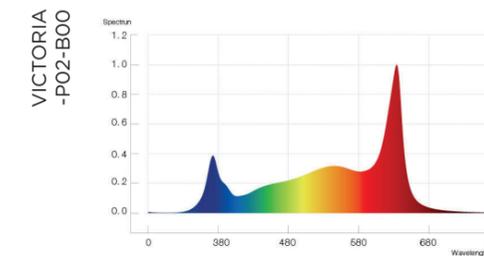
Dimensions
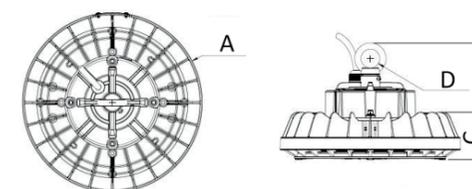
Type	A (mm)	B (mm)	C (mm)	D (mm)
VICTORIA-150	Ø287	186	76	Ø30
VICTORIA-200	Ø287	198	76	Ø30

OFFICE LIGHTS

Enhance staff's performance and productivity with right LED lighting fixtures. Office light fixtures which caters to your needs and can provide the right amount of illumination for you.

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Daisy

The Daisy is a new linkable design light. Adopt high lumen efficiency SMD LED and aluminum materials. Pendant, surface mounted, wall mounted installation available. Up and down light effect of wall mounted and pendant installation. Interchangeable CCT, DALI/0-10V dimming for options. Tridonic DALI driver available.

LED | BIN | CRI > 80 | IP20 | IK06

DALI 0-10 V | DIM 1-100 % | CE

Corner "L" | *Corner "+"* | *"T" shape* | *Straight "-"*
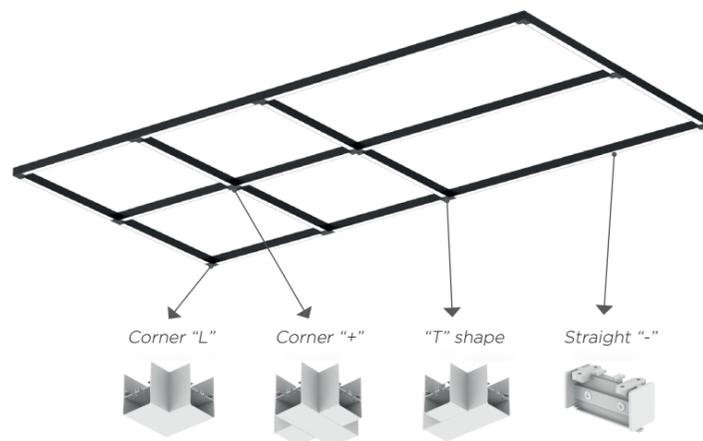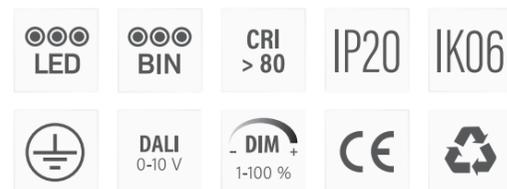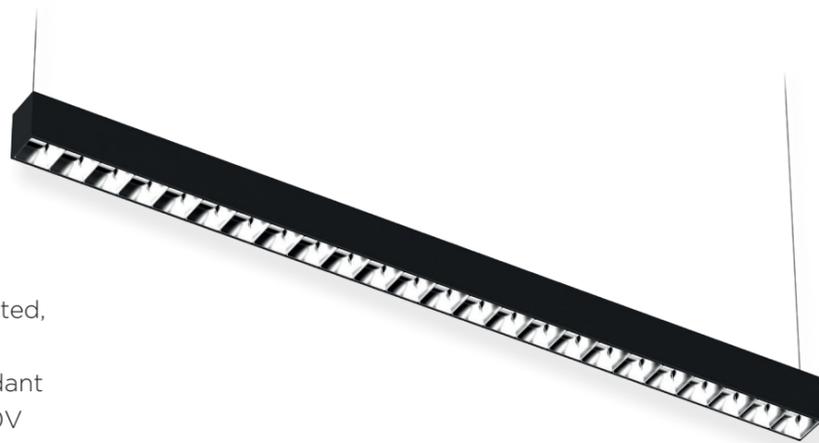
Key features

- Modular design with convenient replacement
- High lumen efficiency, 110lm/w
- Anti-glare design, UGR<19
- DALI, 0-10V dimming for options
- With emergency function available
- Up and down light effect for wall mount and pendant installation
- Multiple installation: Pendant/surface mounted/wall mounted/ recessed/Track
- With Corner/ Cross/ Straight/ T shaped connectors for multiple shape design

Applications

- Office
- Workshop
- Utility rooms
- Garages

Accesories

- Surface mouted accessories
- Linkable Connection accessories
- Suspension accessories 1000mm lenght
- Wall mounted accessories
- Recessed installation accessories
- Connection box for pendant installation with 1000mm cable and 2pcs 1000mm suspending cable

- 0-10V / DALI Connection box for pendant installation with 1000mm cable and 2pcs 1000mm suspending cable
- 3 circuit adapter with 280mm cable
- DALI / 0-10V adapter with 280mm cable
- DAISY-L
- DAISY-T
- DAISY-X

Technical Data

Model No.	DAISY-1200	DAISY-1200	DAISY-1500	DAISY-1500
Power Consumption	36W	50W	42W	60W
Light Distribution	100% Downward	70% downward, 30% upward	100% Downward	70% downward, 30% upward
Input Voltage	AC220-240V			
Power Factor	0.9			
Control	Dimming, DALI, 0-10V			
LED Driver	Built-in			

Optic Information

LED Type	SMD			
Luminous Flux (±5%)	3700-3950lm	5000-5300lm	4400-4600lm	6300-6600lm
Efficacy	110lm/W			
Correlated Color Temperature	3000K / 4000K / 5000K / 5700K			
Color Rendering Index	Ra80			
Beam Angle	60°			
UGR level	<19			

Dimensions and Mounting

Product Dimension	1204x56x75mm	1504x56x75mm
Luminaire Net Weight	2.75kg	3.35kg
Mounting Option	Surface mount / Pendant / Wall mount	
Material	PC / Aluminum	
Finish Color	White RAL 9016 / Black RAL 9005 / Silver RAL 9006	
Protection Class	Class 1	
IK Rating	IK06	
IP Rating	IP20	

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years

Dimensions
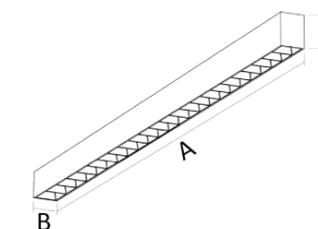
Type	A (mm)	B (mm)	C (mm)
DAISY-1200	1204	56	75
DAISY-1500	1504	56	75

Mounting Option

Surface mount

Pendant

Wall mount

Recessed installation

Track installation
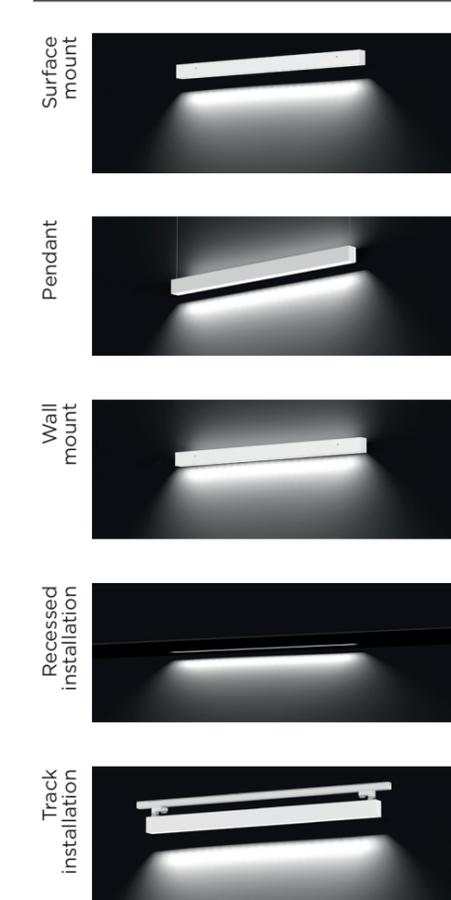
Zoya A/B

Free-standing luminaires can be placed easily anywhere in the room, providing direct and indirect light wherever the user needs it. This ZOYA free-standing luminaire is composed of three parts: Linear lamp body, lamp pole and U shape lamp base. ZOYA/A is for floor standing, ZOYA/B is for desk installation. Direct and indirect optic design, UGR<16, up 75% & down 25% lighting, up to 125lm/W high efficiency, it can ensure a more uniform and more comfortable lighting effect. Besides, for direct lighting, it has Symmetrical polarized light and forward polarized light options, which could meet more lighting demands. Lamp Pole with: Plug and play, touchable 0-10V dimmer, light sensor, PIR sensor module and USB connector. The functions of the luminaire are triggered by pressing a button and then it's fully automatic, the lighting control modules are interchangeable, which is very suitable for modern office environments.

| LED | BIN | CRI > 80 | IP20 |

| (earth symbol) | DALI 0-10 V | CE | (recycle symbol) |
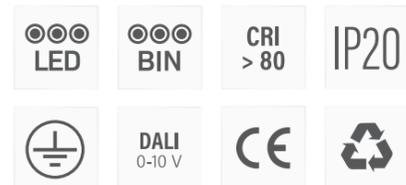
Linear design freestanding luminaire

*Direct and indirect lighting with invisible LED chips to achieve **UGR<16** and offer comfortable light effect.*

Key features

- Easy for assembly and maintenance
- ZOYA/A floor standing, ZOYA/B desk installation
- Symmetrical polarized light and forward polarized light options
- High lighting efficiency, 125lm/W
- Precise optical design: UGR<16, up 75% & down 25% lighting
- Plug and play, light sensor, PIR sensor, USB charging functions
- Touchable 0-10V dimming way

Applications

- Office
- Meeting room
- Hotel

Accesories and Mounting Option

Floor standing

Desk fixing

Technical Data

Model No.	ZOYA/A-80W -DOS	ZOYA/B-80W-DOS
Power Consumption	80W	
Input Voltage	AC220-240V	
Power Factor	0.93	
Control	0-10V	
Sensor	PIR sensor / Daylight sensor	
LED Driver	Built-in	

Optic Information

LED Type	SMD 2835
Luminous Flux (±5%)	9000-10500lm
Efficacy	125lm/W
Correlated Color Temperature	3000K / 4000K / 5000K / 5700K
Color Rendering Index	Ra80
Beam Angle	80°x50°/60°x60°x15°
UGR level	<16

Dimensions and Mounting

Product Dimension	2050x1085x240mm	1380x1115x70mm
Luminaire Net Weight	5.7kg	5.1kg
Floor Standing Net Weight	6.8kg	
Mounting Option	Pedestal mounted / Desktop mounted	
Material	PC / Aluminum	
Finish Color	White RAL 9016	
Protection Class	Class 1	
IP Rating	IP20	

Lifespan and Warranty

Operating Temperature	-10°C to 40°C
Storage Temperature	-20°C to 60°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years

Photometry

Symmetrical Polarized Light (80°x50°)

Forward Polarized Light (60°x60°x15°)

Dimensions

ZOYA/A
Floor standing

ZOYA/B
Desk fixing
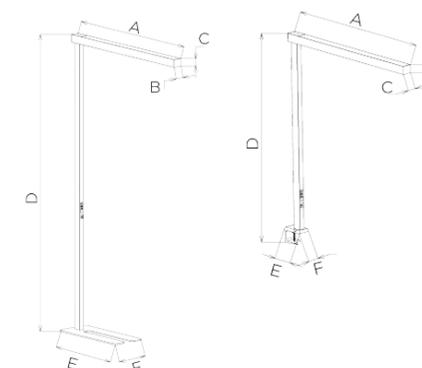
Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
ZOYA/A	1060	60	53	2026	580	240
ZOYA/B	1060	60	53	1276	140	70

Zoya C/D

Free-standing luminaires can be placed easily anywhere in the room, providing direct and indirect light wherever the user needs it. This ZOYA smart design free-standing luminaire is composed of three parts: Linear lamp body, lamp pole and U shape lamp base. ZOYA/C is for floor standing, ZOYA/D is for desk installation. Direct and indirect optic design, UGR<16, up 80% & down 20% lighting, up to 130lm/W high efficiency, it can ensure a more uniform and more comfortable lighting effect. Besides, for direct lighting, it has Symmetrical polarized light and forward polarized light options, which could meet more lighting demands. Lamp Pole with Casambi Bluetooth wireless control module can be controlled wirelessly, through smart phone and tablet to realize Tunable White function or brightness adjustment, which is very suitable for modern office environments.
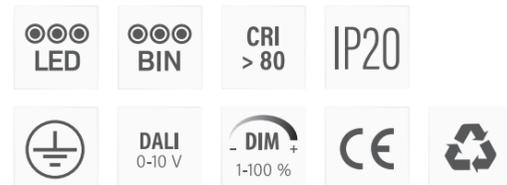
| LED | BIN | CRI > 80 | IP20 |

| | DALI 0-10 V | DIM 1-100 % | CE | |

*Direct and indirect lighting with invisible LED chips to achieve **UGR<16** and offer comfortable light effect.*

CASAMBI

SCAN ME | SCAN ME

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Key features

- Tunable White (Brightness and CCT adjustment) or brightness adjustment
- Easy for assembly and maintenance
- Symmetrical polarized light and forward polarized light options
- High lighting efficiency, 130lm/W
- Precise optical design: UGR<16, up 80% & down 20% lighting
- Plug and play, convenient for different position
- Casambi Bluetooth wireless control
- Tridonic DALI dimming

Applications

- Office
- Meeting room
- Hotel

Accesories and Mounting Option

Floor standing

Desk fixing

Technical Data

Model No.	ZOYA/C-85W-B	ZOYA/C-75W-B1	ZOYA/D-85W-B	ZOYA/D-75W-B1
Power Consumption	85W	75W	85W	75W
Power Supply	Tridonic			
Input Voltage	AC220-240V			
Power Factor	0.93			
Control	0-10V, Analog/Digital dimming control, DALI			
LED Driver	Driver built-in			

Optic Information

LED Type	SMD 2835			
Luminous Flux (±5%)	9200-10500lm	9000-10500lm	9200-10500lm	9000-10500lm
Efficacy	130lm/W			
Correlated Color Temperature	2700K-6500K	3000K/4000K/ 5000K/5700K	2700K-6500K	3000K/4000K/ 5000K/5700K
Color Rendering Index	Ra80			
Beam Angle	80°x50°/60°x60°x15°			
UGR level	<16			

Dimensions and Mounting

Product Dimension	2050x1085x240mm	1380x1115x70mm
Luminaire Net Weight	5.7kg	5.1kg
Floor Standing Net Weight	6.8kg	
Mounting Option	Pedestal mounted / Desktop mounted	
Material	PC / Aluminum	
Finish Color	White RAL 9016	
Protection Class	Class 1	
IP Rating	IP20	

Lifespan and Warranty

Operating Temperature	-10°C to 40°C
Storage Temperature	-20°C to 60°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years

Photometry

Symmetrical Polarized Light (80°x50°)

Forward Polarized Light (60°x60x15°)

Dimensions

ZOYA/C-B, ZOYA/C-B1 Floor standing
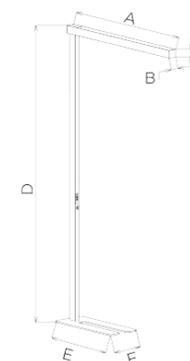
ZOYA/D-B Desk fixing
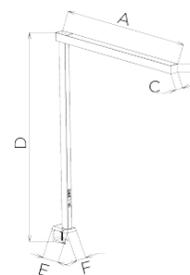
Type	A (mm)	B (mm)	C (mm)
ZOYA/C	1060	60	53
ZOYA/D	1060	60	53

Type	D (mm)	E (mm)	F (mm)
ZOYA/C	2026	580	240
ZOYA/D	1276	140	70

Otta

This OTTA freestanding lamp is composed of three parts: flat lamp body, lamp pole and lamp base. With a precise optical design (UGR<14, up 75% & down 25% lighting), it can ensure a more uniform and more comfortable lighting effect. Lamp Pole with: Plug, touchable 0-10V dimmer, light sensor, PIR sensor module and USB connector. The functions of the luminaire is triggered by pressing a button and then it's fully automatic, the lighting control modules are interchangeable, which is very suitable for modern office environments.

LED	BIN	CRI > 80	IP20

⊕	DALI 0-10 V	DIM 1-100 %	CE	♺

OTTA-75W-DOS	OTTA/B-75W-DOS	OTTA/C-75W-DOS	OTTA/D-75W-DOS

Key features

- Easy for assembly and maintenance
- Precise optical design: UGR<14, up 75% & down 25% lighting
- Lighting sensor and PIR sensor mode interchangeable
- Plug and play, convenient for different position
- Touchable 0-10V dimming way
- USB charging function type and Non-USB type are optional

Applications

- Office
- Meeting room
- Hotel

Accesories and Mounting Option

Floor standing

Desk fixing

Technical Data

Model No.	OTTA-75W-DOS	OTTA/B-75W-DOS	OTTA/C-75W-DOS	OTTA/D-75W-DOS
Power Consumption	75W			
Input Voltage	AC220-240V			
Power Factor	0.93			
Control	0-10V			
Sensor	PIR sensor / Light sensor			
LED Driver	Driver built-in			

Optic Information

LED Type	SMD 2835
Luminous Flux (±5%)	7200-8200lm
Correlated Color Temperature	1-CCT: 3000K/4000K/5000K/5700K
Color Rendering Index	Ra80
Beam Angle	120°
UGR level	<14

Dimensions and Mounting

Product Dimension	1925x720x340mm	1288x720x340mm
Luminaire Net Weight	2.7kg	
Floor Standing Net Weight	6.7kg	
Mounting Option	Pedestal mounted / Desktop mounted	
Material	PMMA / Aluminum	
Finish Color	White RAL 9016	
Protection Class	Class 1	
IP Rating	IP20	

Lifespan and Warranty

Operating Temperature	-10°C to 30°C
Storage Temperature	-20°C to 60°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years

Dimensions

OTTA
OTTA/B

OTTA/C
OTTA/D
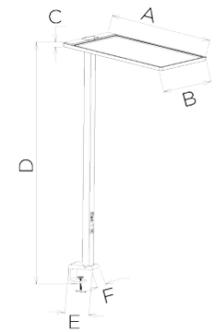
Type	A (mm)	B (mm)	C (mm)
OTTA A/B	720	340	21.5
OTTA C/D	720	340	21.5

Type	D (mm)	E (mm)	F (mm)
OTTA A/B	1900	500	340
OTTA C/D	1276	100	70

Ettela

The flat, ready-to-install LED panel has been equipped with high-quality LEDs. The light guide and the matching diffuser material ensure an extremely homogeneous ceiling effect. Thanks to UGR < 22, the Ettela edge-lit panel is ideal for use in offices. With the optional accessories, both the pendant and the surface-mounted version are quick and easy to install.

LED | BIN | CRI > 80 | IP20 | IK02
DALI 1-10 V 0-10 V | DIM 1-100 % | CE
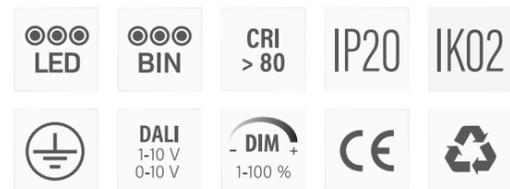
Key features

- For suspended ceilings with grid dimension of 600 mm
- With pre-installed connection cable and integrated plug
- Efficiency up to 120 lm/W
- UGR < 22
- Color temperatures 3000 K, 4000 K and 6500 K
- Diffuser material Standard article: Polystyrene (PS)
- Lifetime: 30,000 hours
- 5 years guarantee

Accesories

Surface mount kit
Aluminum frame for easy surface mounting
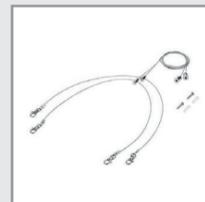
Suspension kit
Steel wire system for suspended mounting

Technical Data @800 mA

Model No.	ETTELA 830	ETTELA 840	ETTELA 865
Order No.	28003285	28003286	28003287
Power Consumption	31,7W		
Forward current (mA)	800		

Optic Information

Luminous Flux (±5%)	3800 lm
Efficacy	112 lm/W
Correlated Color Temperature	3000K 4000K 6500K
Color Rendering Index	> 80
Beam Angle	110°
UGR level	< 22

Dimensions and Mounting

Product Dimension	600x600mm
Luminaire Net Weight	2.3 kg
Mounting Option	Surface mount, suspension mount
Material	Polystyrene (PS)
IK Rating	IK02
IP Rating	IP20

Lifespan and Warranty

Operating Temperature	-20°C to +40°C
Lifetime of LED	30.000hrs-L70
Warranty	5 years

Monza

New luminaire of modern design, based on LED lamps, dedicated for ceiling or suspended mounting. Compact and adjustable Monza is a great solution for both small and bigger spaces, perfect for offices, corridors and many other. The LED luminaires uses diodes of reputable manufacturers. High quality power supply provides high power factor.

LED | BIN | CRI > 80 | IP20
DALI 1-10 V 0-10 V | DIM 1-100 % | CE

Key features

Materials: Powder painted body made od steel sheets and durable polycarbonate
Installation: Ceiling mounted, suspended
Application: offices, corridors
Category of luminaire: indoor luminaire
Power: 230 V

Technical Data

Model No.	MONZA 27	MONZA 51
Power Consumption	27W	51W
Input Voltage	AC220-240V	
Power factor	0,97	

Optic Information

Luminous Flux (±5%)	3410lm	3490lm	6830lm	6980lm
Efficacy	126lm/W	129lm/W	134lm/W	137lm/W
Correlated Color Temperature	3000K	4000K	3000K	4000K
Color Rendering Index	84			
Beam Angle	76°			

Lifespan and Warranty

Operating Temperature	-15°C to +40°C
Lifetime of LED	>72.000hrs-L80
Warranty	5 years

Dimensions and Mounting

Product Dimension	640x223x50mm	1180x223x50mm
Luminaire Net Weight	2.8 kg	5.3 kg
Mounting Option	Ceiling mounted	
Material	Steel sheet	
IP Rating	IP20	
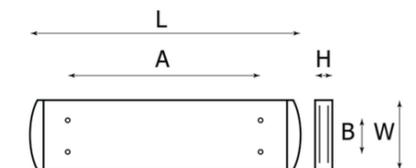
Type	L (mm)	W (mm)	H (mm)	Weight
MONZA 27	640	223	50	2.8kg
MONZA 51	1180	223	50	5.3kg

PLAFONDS

Plafonds – in all its forms – most of the time play a secondary role of attention but attach great importance for the general lighting of a room. Innovative plafond fixture solutions with challenging design put your room in best shape.
Luxar plafonds have a low profile design which is providing a discreet, robust and stylish look.

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Palus

Palus bulkhead adopts Die- casting aluminum body and 94-V0 fire-rated PC cover. This fixture provides 3-CCT system selectable with internal switch. These lights are a perfect answer to complete your outdoor look.

LED **BIN** **CRI > 80** **IP65** **IK10**

DALI 0-10 V CE

3-CCT in 1 Lamp

A side switch allows for an instant transition of color temperature.

Key features

- Round fixture, with 94-V0 PC cover
- Long lifetime of 50,000 hours
- CCT: 3000K 4000K 5000K 5700K
- Built-in LED driver
- Triac dimmable and color changeable
- High ingress protection rating: IP65, IK10, Class I
- Ideal replacement for traditional Halogen or fluorescent wall lights

Applications

- Office
- Public Areas
- Stairway
- Lobby
- Reception
- Corridors

Technical Data

Model No.	PALUS-10-12W	PALUS-10-18W
Power Consumption	12W	18W
Input Voltage	AC200-240V	
Power Factor	0.9	
Control	Dimming (optional)	
LED Driver	Built-in	

Optic Information

LED Type	SMD	
Luminous Flux (±5%) (1-CCT) Non-DIM	1050-1250	1500-1850
Luminous Flux (±5%) (3-CCT) Non-DIM	1000-1200	1450-1800
Correlated Color Temperature	1-CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K + 4000K + 5700K	
Color Rendering Index	Ra80	
Beam Angle	110°	

Dimensions and Mounting

Product Dimension	Ø250x58mm
Luminaire Net Weight	1.05kg
Mounting Option	Surface mount
Material	PC / Aluminum
Finish Color	White RAL 9016 / Black RAL 9005
Protection Class	Class 1
IK Rating	IK10
IP Rating	IP65

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years

Dimensions

Type	A (mm)	B (mm)	C (mm)
PALUS-10-12W PALUS-10-18W	250	58	229
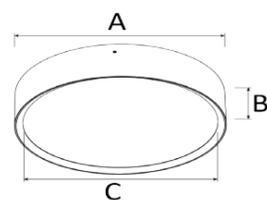
Volba

This ceiling light is a super slim design fixture. High lumen SMD LED and lighter weight fire-rated material to ensure better heat resistance and corrosion resistance. The color is interchangeable within 3000K, 4000K and 5700K by slide switch, also dimmable with triac dimmers.
Multi-functional design shares great popularity.

LED **BIN** **CRI > 80** **IP54** **IK10**

DALI 0-10 V **DIM 1-100 %** CE

3-CCT in 1 Lamp

Key features

- High lumen efficiency
- Interchangeable CCT with slide switch
- IP54 in front
- Triac dimming
- Internal driver

Applications

- Office
- Supermarket
- School
- Hotel
- Stairway
- Lobby
- Corridors
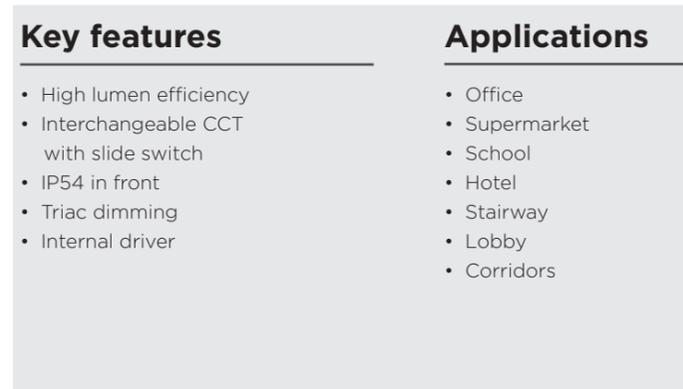
Technical Data

Model No.	VOLBA-10-12W	VOLBA-14-25W
Power Consumption	12W	25W
Input Voltage	AC200-240V	
Power Factor	0.9	
Control	Dimmable with Triac	
LED Driver	Built-in	

Optic Information

LED Type	SMD	
Luminous Flux (±5%)	1140-1270	2300-2575
Correlated Color Temperature	1-CCT: 3000K / 4000K / 5000K / 5700K 3-CCT: 3000K + 4000K + 5700K	
Color Rendering Index	Ra80	
Beam Angle	120°	

Dimensions and Mounting

Product Dimension	Ø250x48mm	Ø350x40mm
Luminaire Net Weight	0.66kg	1.3kg
Mounting Option	Surface mount	
Material	Polycarbonate (PC)	
Finish Color	White RAL 9016	
Protection Class	Class 2	
IK Rating	IK10	
IP Rating	IP54	

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	40.000hrs-L80
Warranty	5 Years

Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)
VOLBA-10-12W	250	48	221	15
VOLBA-14-25W	350	40	321	12
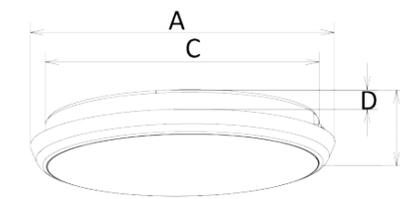
Elza

This ceiling light is a super slim design. High lumen SMD LED and lighter weight fire-rated material to ensure better heat resistance and corrosion resistance. The color is interchangeable within 3000K, 4000K and 5700K by slide switch, also dimmable with triac dimmers. Multi-functional design shares great popularity.

LED | **BIN** | **CRI > 80** | **IP54** | **IK10**

DALI 0-10 V | **DIM 1-100 %** | CE | ♻

Key features

- High lumen efficiency
- Interchangeable CCT with slide switch
- IP54 in front
- Triac dimming
- Internal driver

Applications

- Office
- Supermarket
- Shop
- School
- Hotel
- Stairway
- Lobby

Technical Data

Model No.	ELZA-10-12	ELZA-14-25
Power Consumption	12W	25W
Input Voltage	AC200-240V	
Power Factor	0.9	
Control	Dimmable with Triac	
LED Driver	Built-in	

Optic Information

LED Type	SMD	
Luminous Flux (±5%)	1160-1350	2300-2575
Correlated Color Temperature	3-CCT: 3000K + 4000K + 5700K	
Color Rendering Index	Ra80	
Beam Angle	120°	

Dimensions

Type	A (mm)	B (mm)	C (mm)
ELZA-10-12	250	50	220
ELZA-14-25	350	41.5	320

Dimensions and Mounting

Product Dimension (mm)	250x250x50	350x350x41.5
Luminaire Net Weight	0.75kg	1.42kg
Mounting Option	Surface mounted	
Material	Polycarbonate (PC)	
Finish Color	White RAL 9016	
Protection Class	Class 2	
IK Rating	IK10	
IP Rating	IP54	

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	40.000hrs-L80
Warranty	5 Years

Atra

Atra is a new super slim design ceiling light, adopting high lumen SMD LED and lighter weight fire-rated material to ensure better heat resistance and corrosion resistance. The base and cover are detachable which make easier maintenance and installation.

LED | **BIN** | **CRI > 80** | **IP54** | **IK08**

DALI 0-10 V | **DIM 1-100 %** | CE | ♻

Key features

- High lumen efficiency
- Interchangeable CCT with slide switch
- IP54 , IK08
- Interchangeable power by slide switch
- Internal driver

Applications

- Office
- Supermarket
- Shop
- School
- Hotel
- Stairway
- Lobby

Technical Data

Model No.	ATRA-14-25W
Power Consumption	25W
Input Voltage	AC200-240V
Power Factor	0.9
Control	Triac / 0-10V / DALI
LED Driver	Built-in

Optic Information

LED Type	SMD
Luminous Flux (±5%)	2400-2800
Correlated Color Temperature	3-CCT: 3000K + 4000K + 5700K
Color Rendering Index	Ra80
Beam Angle	120°

Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)
ATRA-14-25W	350	65	320	51

Dimensions and Mounting

Product Dimension	Ø350x65mm
Luminaire Net Weight	1kg
Mounting Option	Surface mounted
Material	Polypropylene (PP)
Finish Color	White RAL 9016
Protection Class	Class 2
IK Rating	IK08
IP Rating	IP54

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years
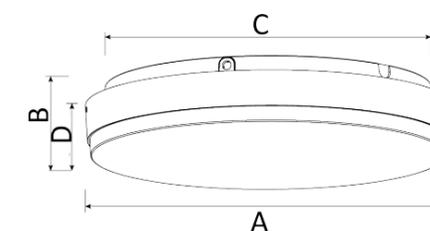
Vanja

Contemporary ceiling light fixtures adopts faceted transparent cover which can increase center intensity and makes the whole lamp look luxurious and unique. Compare to traditional lamp, this modern design will make your feel comfortable. Color switchable and dimmable light from warm white to cool white (3000K/4000K/5700K). Both opening wiring and concealed wiring for surface mounted installation are optional, suspended installation is also available.

LED	BIN	CRI > 80	IP20	IK08

| | DALI 0-10 V | DIM 1-100 % | CE | ♻ |

Key features

- CCT in one lamp, light color can be selected by slide button
- Triac Dimmable version available
- Surface mounted version and pendant version is optional
- Built-in driver

Applications

- Office
- Hotel
- Stairway
- Lobby
- Reception
- Corridors

Technical Data

Model No.	VANJA-12-18W
Power Consumption	18W
Input Voltage	AC200-240V
Power Factor	0.9
Control	Triac
LED Driver	Built-in

Optic Information

LED Type	SMD
Luminous Flux (±5%)	1620-1700
Correlated Color Temperature	3-CCT: 3000K + 4000K + 5700K
Color Rendering Index	Ra80
Beam Angle	100°

Dimensions

Type	A (mm)	B (mm)	C (mm)
VANJA-12-18W	300	87,5	1510

Dimensions and Mounting

Product Dimension	Ø300x87.5mm
Luminaire Net Weight	1.32kg
Mounting Option	Surface mount / Pendant
Material	Polycarbonate (PC)
Finish Color	White RAL 9016
Protection Class	Class 2
IK Rating	IK08
IP Rating	IP20

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years
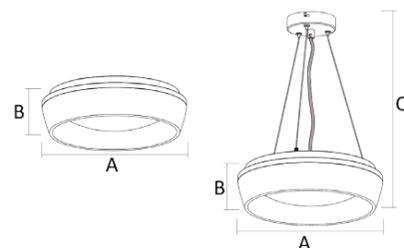
Rival

Rival ceiling light is big in size, with up & down lighting design. It adopted high lumen SMD LED light source, larger lighting area and low glare design makes a softer and uniform light output. AL6063 aluminum housing provides an excellent thermal management.

LED	BIN	CRI > 80	IP40

| ⏚ | DALI 0-10 V | CE | ♻ |

Key features

- 3CCT in one lamp, light color can be selected by slide button
- Triac Dimmable version available
- Surface mounted version and pendant version is optional
- Built-in driver

Applications

- Office
- Hotel
- Stairway
- Lobby
- Reception
- Corridors

Technical Data

Model No.	RIVAL-16-40W
Power Consumption	40W
Input Voltage	AC200-240V
Power Factor	0.9
Control	Triac dimmable
LED Driver	Built-in

Optic Information

LED Type	SMD
Luminous Flux (±5%)	40W: 3600-4200 / 35W: 3300-3900
Correlated Color Temperature	3-CCT: 3000K + 4000K + 5700K
Color Rendering Index	Ra80
Beam Angle	120°

Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)
RIVAL-16-40W	400	86	55	219

Dimensions and Mounting

Product Dimension	Ø400x86mm (Cutout: Ø220-250mm)
Luminaire Net Weight	3.2kg
Mounting Option	Surface mount / Recessed
Material	Aluminum Alloy (AL6063)
Finish Color	White RAL 9016 /Black RAL 9005
Protection Class	Class 1
IP Rating	IP40

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years
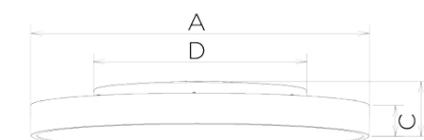
WALL LIGHTS

Our Modern LED wall lights have low profile, light weight, and are designed for long life usage with no maintenance and great performance.

Dion

Dion has ultra-thin design which looks like a power bank. It adopted SMD light source in both ends , designed for wallwashing lighting effect, so it can do higher and further lighting. For material part, it adopted ADC12 Aluminum which offers a great heat dissipation. Besides, it is an up and down lighting design which can achieve a better atmosphere. IP65 waterproof will suit to a wider application area.

LED | BIN | CRI > 80 | IP65 | IK08

DALI 0-10 V | CE

Key features

- Ultra-thin with only 33mm thickness
- Up & down lighting design
- Wall-washer design with polarized lens 8 degree
- IP65 waterproof
- Internal flicker free driver

Applications

- Indoor/Outdoor
- Office
- Hotel
- Park
- Corridors

Technical Data

Model No.	DION-6W	DION-10W
Power Consumption	6W	10W
Input Voltage	AC200-240V	
Power Factor	0.8	
LED Driver	Built-in	

Optic Information

LED Type	SMD 2835	
Luminous Flux (±5%)	530-680	940-1060
Correlated Color Temperature	3000K	
Color Rendering Index	Ra80	
Beam Angle	90°	

Dimensions

Type	A (mm)	B (mm)	C (mm)
DION-6W	130	90	33
DION-10W	175	104	30.5

Dimensions and Mounting

Product Dimension	130x90x33mm	175x104x30.5mm
Luminaire Net Weight	0.47kg	
Mounting Option	Wall mount	
Material	Aluminum Alloy (ADC12)	
Finish Color	Black RAL 9005 / White RAL 9016	
Protection Class	Class 1	
IK Rating	IK08	
IP Rating	IP65	

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	40.000hrs-L80
Warranty	3 Years

Wanda

Wanda is a compact wall light with waterproof design. It adopts SMD light source in both ends with PC diffuser, which offers a uniform light output. For material part, it adopts ADC12 aluminum which offers a great heat dissipation. For lighting effect, it is an up and down lighting design which can achieve a better atmosphere. Besides, it has two holes for wire loop in/out.

LED | BIN | CRI > 80 | IP65 | IK08

DALI 0-10 V | CE

Key features

- Single head/double heads options
- Two holes loop in/out available
- IP65 waterproof and IK08 protection level
- Internal flicker free driver

Applications

- Office
- Hotel
- Park
- Corridors
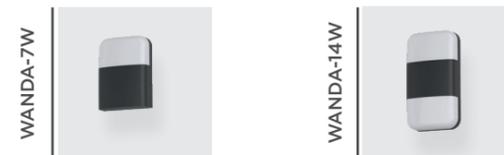
WANDA-7W | WANDA-14W

Technical Data

| Model No.	WANDA-7W	WANDA-14W
Power Consumption	7W	14W
Input Voltage	AC220-240V	
Power Factor	0.9	
LED Driver	Built-in	

Optic Information

LED Type	SMD 2835	
Luminous Flux (±5%) (1-CCT) Non-DIM	610-750	1250-1420
Luminous Flux (±5%) (3-CCT) Non-DIM	630-760	1260-1430
Correlated Color Temperature	3000K (optional 4000, 5000, 5700K)	
Color Rendering Index	Ra80	

Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)
WANDA-7W	177	130	54	74.9
WANDA-14W	240	130	54	74.9

Dimensions and Mounting

Product Dimension	177x130x54mm	240x130x54mm
Luminaire Net Weight	0.64kg	0.78kg
Mounting Option	Wall mount	
Material	PC / Aluminum	
Finish Color	White RAL 9016 / Black RAL 9005	
Protection Class	Class 1	
IK Rating	IK08	
IP Rating	IP65	

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	3 Years

WANDA-7W | WANDA-14W

Uvion

Luxar's LED Slim Wall Pack light is low profile, light weight, and designed for long life usage with no maintenance and great performance. This light is designed to quickly and easily upgrade traditional Slim Wall Pack light fixtures.

LED	BIN	CRI > 80	IP66	IK08

	DALI 0-10 V	CE	

Key features

- Silver cast-aluminum fixture is durable
- High Lumen output
- Special-designed PC optics lens (TYPE III Distribution)

Applications

- Security
- Pathway and perimeter lighting
- Building facdes

Technical Data

Model No.	UVION-010	UVION-020	UVION-030	UVION-040	UVION-070
Power Consumption	10W	20W	30W	40W	70W
Input Voltage	220-240 VAC , 50 / 60 Hz				
Power Factor	≥0.9 at Max Load				
Control	Photocell Control				

Optic Information

LED Type	SMD 2835				
Luminous Flux (±10%)	1250lm	2500lm	3750lm	5000lm	8750lm
Efficacy (5000K Ra70)	125lm/W				
Correlated Color Temperature	5000K (4000K optional)				
Color Rendering Index	Ra70				
Beam Angle	U04201			R08401	

Dimensions and Mounting

Product Dimension	196x96x186mm			282x125x205mm	
Luminaire Net Weight	1.39kg	1.44kg	1.48kg	2.82kg	3.04kg
Mounting Option	Junction boxes or Surface mounting				
Material	Cast Aluminum, Polycarbonate Optical Lens				
Finish	Powder Coating				
Finish Color	Silver				
IK Rating	IK08				
IP Rating	IP66				

Lifespan and Warranty

Operating Temperature	-30°C to + 45°C
Lifetime of LED	100.000hrs-L80
Warranty	5 Years

Photometry
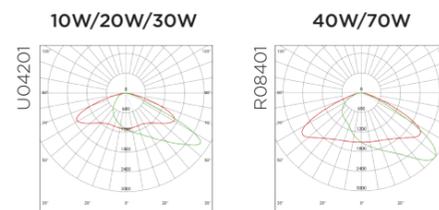
10W/20W/30W   40W/70W

Dimensions
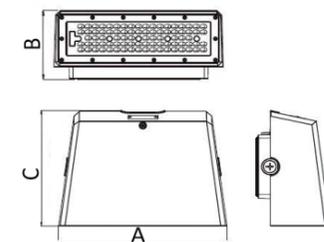
Type	A (mm)	B (mm)	C (mm)
10W/20W/30W	196	96	186
40W/70W	282	125	205

DOWNLIGHTS

Our selected Luxar LED downlights provide lighting solutions in domestic and commercial applications. Our downlights are a combination of technique and emotion. We offer our customers a platform to experience the best quality and lighting effects with unique design.

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Dalton

Dalton LED downlight with super slim design, adopting high lumen SMD LED, PC diffuser ensures uniform light. ADC12 Aluminum provides excellent heat dissipation.

LED | **BIN** | **CRI > 80** | **IP65**

DALI 1-10 V 0-10 V | **CE** | ♻

3-CCT in 1 Lamp

Key features

- Super slim design
- IP54 front waterproof
- External driver

Applications

- Office
- Stairway
- Lobby
- Reception
- Corridors

Technical Data

Model No.	DALTON-6-12W	DALTON-8-25W
Power Consumption	12W	25W
Power Supply	Philips, Tridonic, Eaglerise	
Input Voltage	AC200-240V	
Power Factor	0.9	
LED Driver	Built-out	

Optic Information

LED Type	SMD	
Luminous Flux (±5%)	1100-1220	2130-2380
Correlated Color Temperature	4000K (optional 3000, 5000, 5700K)	
Color Rendering Index	Ra80	

Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)
DALTON-6-12W	190	30	152	143
DALTON-8-25W	225	34	185	173

Dimensions and Mounting

Product Dimension	Ø190x30mm	Ø225x34mm
Luminaire Net Weight	0.5kg	0.65kg
Mounting Option	Recessed	
Material	Aluminum Alloy (ADC12)	
Finish Color	White RAL 9016 / Black RAL 9005	
Protection Class	Class 2	
IP Rating	Cover IP54	

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	50.000hrs-L80
Warranty	5 Years

Egon

Egon Tunable White LED downlight adopts dual-color temperature SMD complying to DALI DT8 standard. With Dual DALI driver which meets DALI2 standard compatible driver, PC diffuser with uniform light output. White, silver, chrome colors are available for customer's preference.

LED | **BIN** | **CRI > 80** | **IP54** | **IK06**

DALI 1-10 V 0-10 V | **CE** | ♻

Key features

- Up to 70% energy saving compared to standard CFL fixtures
- 90° wide beam angle
- White, silver, chrome colors are available
- Tunable White, with DALI2 standard compatible driver

Applications

- Office
- Supermarket
- Shop
- School
- Hotel
- Stairway
- Lobby

Technical Data

Model No.	EGON-6-25W
Power Consumption	25W
Input Voltage	AC200-240V
Power Factor	0.9
LED Driver	Built-in

Optic Information

LED Type	SMD
Luminous Flux (±5%)	2550-2680
Correlated Color Temperature	4000K (optional 3000, 5000, 5700K)
Color Rendering Index	Ra80
Beam Angle	90°

Dimensions

Type	A (mm)	B (mm)	C (mm)	D (mm)
EGON-6-25W	190	45	155	151
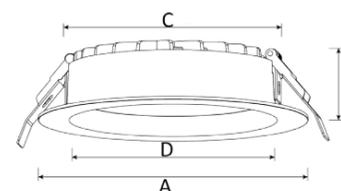
Dimensions and Mounting

Product Dimension	Ø190x45mm (Cutout: Ø160-170mm)
Luminaire Net Weight	0.64kg
Mounting Option	Recessed
Material	PC / Aluminum
Finish Color	Black RAL 9005 / White RAL 9016
Protection Class	Class 2
IK Rating	IK06
IP Rating	IP54

Lifespan and Warranty

Operating Temperature	-20°C to 45°C
Storage Temperature	-20°C to 65°C
Lifetime of LED	40.000hrs-L80
Warranty	5 Years

Dax light engine

LED replacement for downlight with compact fluorescent lamps. Complete ready2apply solution comprising of module, driver, reflector and trim ring.

| LED | BIN | CRI > 80 | IP20 | |
| DALI 1-10 V 0-10 V | CE | ♻ | | |

Key features

- Approved emergency solution with EM converterLED
- Optional reflector solution with 60° and 90°
- High system efficacy up to 111 lm/W
- Small color tolerance MacAdam 4
- Fit for ceiling cutout 100, 150 and 200 mm
- Tool-free assembly, simple as push and rotate
- Spring clip pre-assembled
- IP20 protection level
- Nominal lifetime 50,000 h (L70/B50)
- 5 years guarantee

Accesories

Reflector for DAX module with 60°

Reflector for DAX modules with 90°

Trim rings in 100, 150 and 200 mm diameter

Holder for indicator LED in emergency operation

DAX 100mm 1000lm 8xx SNC

DAX 150mm 1000/2000lm 8xx SNC

DAX 200mm 2000/3000lm 8xx SNC

Type	Article number	Color temperature	Luminous Flux	Color rendering index CRI	Beam angle
DAX 100mm 1000lm 830 SNC EM MOD	28002241	3,000 K	1000lm	80	60°/ 90°/ 100°
DAX 100mm 1000lm 840 SNC EM MOD	28002242	4,000 K	1000lm	80	60°/ 90°/ 100°
DAX 150mm 1000/2000lm 830 SNC EM MOD	28002243	3,000 K	1000/2000lm	80	60°/ 90°/ 100°
DAX 150mm 1000/2000lm 840 SNC EM MOD	28002244	4,000 K	1000/2000lm	80	60°/ 90°/ 100°
DAX 200mm 2000/3000lm 830 SNC EM MOD	28002245	3,000 K	2000/3000lm	80	60°/ 90°/ 100°
DAX 200mm 2000/3000lm 840 SNC EM MOD	28002270	4,000 K	2000/3000lm	80	60°/ 90°/ 100°

Driver Dax SNC

- LED replacement for downlight with compact fluorescent lamps
- Complete ready2apply solution comprising module, driver, reflector and trim ring
- Tool-free assembly, simple as push and rotate
- Typ. luminous flux category: 1,000/2,000/3,000 lm
- Approved emergency solution with EM converterLED
- Nominal lifetime of 50,000 h (L70/B50)
- 5 years guarantee

Type	Article number	Dimensions	Output current	Max. input power	Max. output voltage
DAX 100mm 1000lm 8x0 SNC EM ECG	28002236	Ø65x85x39,5mm	255 mA	11.0 W	50 V
DAX 150mm 2000lm 8x0 SNC EM ECG	28002238	Ø75x95x41,3mm	530 mA	21.7 W	50 V
DAX 200mm 3000lm 8x0 SNC EM ECG	28002240	Ø88x106,5x41,5mm	790 mA	32.0 W	50 V

Driver Dax ADV

- LED replacement for downlight with compact fluorescent lamps
- Complete ready2apply solution comprising module, driver, reflector and trim ring
- Tool-free assembly, simple as push and rotate
- Typ. luminous flux category: 1,000 / 2,000 lm
- Approved emergency solution with EM converterLED
- Nominal lifetime of 50,000 h (L70/B50)
- 5 years guarantee

Type	Article number	Dimensions	Output current	Max. input power	Max. output voltage
DAX 150mm 1000lm 8x0 ADV EM ECG	28002237	Ø75x95x41,3mm	255 mA	10.5 W	50 V
DAX 200mm 2000lm 8x0 ADV EM ECG	28002239	Ø88x106,5x41,5mm	530 mA	21.3 W	50 V

LED STRIPS

LED strips with high efficacy and excellent quality of light for wide range of applications.

Flex essence

- Dimmable 24 V constant voltage LED flextape (SELV)
- Ideal for various decorative lighting applications:
  facade accent lighting, ceiling integration, cove lighting
 and for aluminum extrusions

| LED | BIN | CRI > 80 | | CE | ♻ |

Key features

- Luminous flux range of 600, 1,200, 1,800 and 2,500 lm/m
- Color temperature 2,700, 3,000, 4,000 and 6,500 K with SDCM 3
- Useful luminous flux 2,740 lm/m at tp = 25 °C
- Efficacy of the LED module 138 lm/W at tp = 25 °C
- High design freedom due to 5 cm cut-options
- Long lifetime: 60,000 hours
- 5 years guarantee

Applications

- Facade accent lighting
- Ceiling integration
- Cove lighting
- Aluminum extrusions

Technical Data

DC supply voltage	24 V
Beam Characteristic	120°

Correlated Color Temperature	2,700K, 3,000K, 4,000K, 6500K
Color Rendering Index	Ra80

Dimensions
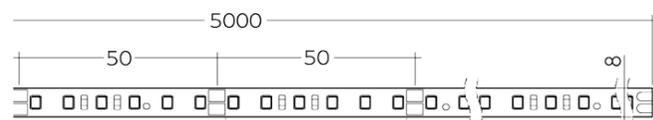
Cutting position for cutting the tape to length.

Lifespan and Warranty

Ambient temperature range	-25 to +45 °C
Lifetime of LED	60.000hrs-L70
Warranty	5 years

Type	Article number	Color temperature	Useful luminous flux at tp = 25 °C	Power consumption Pon at tp = 25 °C	Efficacy of the module at tp = 25 °C
LLE FLEX 8x5000 5W-600lm/m 827 SNC2	28003323	2,700 K	625 lm/m	4.9 W/m	127 lm/W
LLE FLEX 8x5000 5W-600lm/m 830 SNC2	28003324	3,000 K	655 lm/m	4.9 W/m	133 lm/W
LLE FLEX 8x5000 5W-600lm/m 840 SNC2	28003325	4,000 K	645 lm/m	4.6 W/m	139 lm/W
LLE FLEX 8x5000 5W-600lm/m 865 SNC2	28003351	6,500 K	630 lm/m	4.6 W/m	136 lm/W
LLE FLEX 8x5000 10W-1200lm/m 827 SNC2	28003326	2,700 K	1,250 lm/m	9.9 W/m	126 lm/W
LLE FLEX 8x5000 10W-1200lm/m 830 SNC2	28003327	3,000 K	1,300 lm/m	9.9 W/m	131 lm/W
LLE FLEX 8x5000 10W-1200lm/m 840 SNC2	28003328	4,000 K	1,295 lm/m	9.5 W/m	137 lm/W
LLE FLEX 8x5000 10W-1200lm/m 865 SNC2	28003352	6,500 K	1,295 lm/m	9.5 W/m	137 lm/W
LLE FLEX 8x5000 15W-1800lm/m 827 SNC2	28003329	2,700 K	1,900 lm/m	15.1 W/m	126 lm/W
LLE FLEX 8x5000 15W-1800lm/m 830 SNC2	28003330	3,000 K	1,985 lm/m	15.1 W/m	131 lm/W
LLE FLEX 8x5000 15W-1800lm/m 840 SNC2	28003331	4,000 K	1,990 lm/m	14.4 W/m	138 lm/W
LLE FLEX 8x5000 15W-1800lm/m 865 SNC2	28003353	6,500 K	1,950 lm/m	14.4 W/m	135 lm/W
LLE FLEX 8x5000 21W-2500lm/m 827 SNC2	28003332	2,700 K	2,635 lm/m	21.0 W/m	125 lm/W
LLE FLEX 8x5000 21W-2500lm/m 830 SNC2	28003333	3,000 K	2,735 lm/m	21.0 W/m	130 lm/W
LLE FLEX 8x5000 21W-2500lm/m 840 SNC2	28003334	4,000 K	2,740 lm/m	19.9 W/m	138 lm/W
LLE FLEX 8x5000 21W-2500lm/m 865 SNC2	28003354	6,500 K	2,710 lm/m	19.9 W/m	136 lm/W

LCA 24V

DIMMABLE

- Dimmable 24 V constant voltage LED driver for flexible constant
  voltage LED strips
- One4all interface for linear and strech compact drivers, basicDIM
  Wireless and ready2mains dimming interface for basicDIM Wireless
  strech compact drivers
- Dimming range 1 to 100 %
- Suitable for emergency escape lighting systems acc. to EN 50172
- Nominal lifetime up to 50,000 h
- 5 years guarantee

| LED | IP20 | | | DALI ready2mains bDW | DIM 1-100 % | | CE | ♻ |

Interfaces

- one4all (DALI DT 6, DSI, switchDIM, corridorFUNCTION)
- ready2mains (configuration and dimming via mains)
- basicDIM Wireless dimming interface
- Terminal blocks: 45° push terminals

Applications

- Facade accent lighting
- Ceiling integration
- Cove lighting

Technical Data

Model No.	LCA 18W 24V	LCA 35W 24V	LCA 60W 24V	LCA 100W 24V	LCA 150W 24V
Power Consumption	18W	35W	60W	100W	150W
Linear drivers	280x30x21mm	280x30x21mm	360x30x21mm	425x30x21mm	/
Strech compact drivers	175x43x30.2mm	195x43x30.2mm	225x43x30.2mm	295x43x30mm	325x43x30mm
Wireless strech compact drivers (bDW)	/	195x43x30.2mm	225x43x30.2 mm	295x43x30mm	325x43x30mm

LC 24V

NON-DIMMABLE

- Constant voltage 24V LED driver - non dimmable
- Nominal lifetime up to 50,000 h
- 5 years guarantee

| LED | IP20 | | | | CE | ♻ |

Technical Data

Model No.	LC 18W 24V	LC 35W 24V	LC 60W 24V	LC 100W 24V	LC 200W 24V
Power Consumption	18W	35W	60W	100W	200W
Linear driver	179x30x21mm	230x30x21mm	280x30x21mm	360x30x21mm	/
Strech compact driver	/	142x43x30mm	225x43x30.2mm	295x43x30mm	325x43x30mm

Flex excite

48V

- Dimmable 48 V constant voltage LED flextape (SELV)
- Ideal for application on aluminum extrusions but also for various decorative lighting applications such as cove lighting, facade accent lighting etc.

| LED | BIN | CRI > 80 | | CE | ♻ |

Key features

- Luminous flux range of 600, 1,200, 1,800 and 2,500 lm/m
- Color temperature 2,700, 3,000, 4,000 and 6,500 K with SDCM 3
- Useful luminous flux 2,630 lm/m at tp = 25 °C
- Efficacy of the LED module 152 lm/W at tp = 25 °C
- High design freedom due to 6.25 cm cut-options
- Long lifetime: 60,000 hours
- 5 years guarantee

Applications

- Facade accent lighting
- Ceiling integration
- Cove lighting
- Aluminum extrusions

Technical Data

DC supply voltage	48 V
Beam Characteristic	120°

Correlated Color Temperature	2,700K, 3,000K, 4,000K, 6500K
Color Rendering Index	Ra80

Dimensions

62.5

Cutting position for cutting the tape to length.
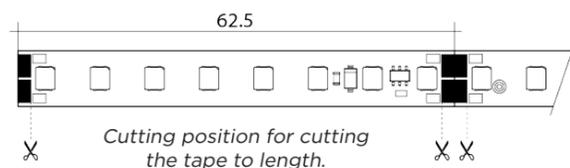
Lifespan and Warranty

Ambient temperature range	-35 to +50 °C
Lifetime of LED	60.000hrs-L70
Warranty	5 years

Type	Article number	Color temperature	Useful luminous flux at tp = 25 °C	Power consumption Pon at tp = 25 °C	Efficacy of the module at tp = 25 °C
LLE FLEX 8R10 48V 5W-600lm 827 EXC	28003881	2,700 K	610 lm/m	4.5 W/m	137 lm/W
LLE FLEX 8R10 48V 5W-600lm 830 EXC	28003882	3,000 K	630 lm/m	4.5 W/m	141 lm/W
LLE FLEX 8R10 48V 5W-600lm 840 EXC	28003883	4,000 K	580 lm/m	4.0 W/m	146 lm/W
LLE FLEX 8R10 48V 5W-600lm 865 EXC	28003884	6,500 K	580 lm/m	4.0 W/m	146 lm/W
LLE FLEX 8R10 48V 9W-1200lm 827 EXC	28003885	2,700 K	1,240 lm/m	8.9 W/m	139 lm/W
LLE FLEX 8R10 48V 9W-1200lm 830 EXC	28003886	3,000 K	1,280 lm/m	8.9 W/m	144 lm/W
LLE FLEX 8R10 48V 9W-1200lm 840 EXC	28003887	4,000 K	1,210 lm/m	8.1 W/m	150 lm/W
LLE FLEX 8R10 48V 9W-1200lm 865 EXC	28003888	6,500 K	1,210 lm/m	8.1 W/m	150 lm/W
LLE FLEX 8R10 48V 13W-1800lm 827 EXC	28003889	2,700 K	1,840 lm/m	13.0 W/m	141 lm/W
LLE FLEX 8R10 48V 13W-1800lm 830 EXC	28003890	3,000 K	1,900 lm/m	13.0 W/m	146 lm/W
LLE FLEX 8R10 48V 13W-1800lm 840 EXC	28003891	4,000 K	1,800 lm/m	11.9 W/m	151 lm/W
LLE FLEX 8R10 48V 13W-1800lm 865 EXC	28003892	6,500 K	1,800 lm/m	11.9 W/m	151 lm/W
LLE FLEX 8R10 48V 18W-2500lm 827 EXC	28003893	2,700 K	2,550 lm/m	18.0 W/m	142 lm/W
LLE FLEX 8R10 48V 18W-2500lm 830 EXC	28003894	3,000 K	2,630 lm/m	18.0 W/m	146 lm/W
LLE FLEX 8R10 48V 18W-2500lm 840 EXC	28003895	4,000 K	2,520 lm/m	16.5 W/m	152 lm/W
LLE FLEX 8R10 48V 18W-2500lm 865 EXC	28003896	6,500 K	2,520 lm/m	16.5 W/m	152 lm/W

LC 48V

48V **DIMMABLE**

- Dimmable 48 V constant voltage LED driver for flexible constant voltage strips
- One4all interface enables different dimming options
- Dimming range 1 to 100 %
- Suitable for emergency escape lighting systems acc. to EN 50172
- Nominal lifetime up to 100,000 h
- 5 years guarantee

| LED | IP20 | ⏚ | ▢ | 11 |
| DALI ready2mains bDW | DIM 1-100 % | NFC | CE | ♻ |

Interfaces

- one4all (DALI-2, DSI, switchDIM, corridorFUNCTION)
- Near field communication (NFC)
- Terminal blocks: 45° push terminals

Applications

- facade accent lighting
- ceiling integration
- cove lighting

Technical Data

Model No.	LC 35W 48V	LC 60W 48V	LC 100W 48V
Power Consumption	35W	60W	100W
Linear driver	360x30x16mm	360x30x21mm	425x30x21mm
Strech compact driver	195X43X30mm	195x43x30mm	225x43x30mm

CONTROLLERS & OPERATOR PANELS

A wide range of products for various applications in building automation. These application-centric products often combine an entire set of different protocols and functions in one single device.

Discover operator panel devices with a modern, minimalistic look that fits any interior design.

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LDALI ME201/204

L-DALI Controllers are multifunctional devices combining constant light control, sunblind control and gateway functions between DALI (Digital Addressable Lighting Interface) and BACnet or Modbus systems. With Alarming, Scheduling, Trending and e-mail notification (AST™) the L-DALI Controller is a perfect solution for DALI lighting systems and for a smooth DALI integration into BACnet or Modbus networks.

Key features

- Integrated DALI bus power supply
- Built-in web server for device configuration
- Integrated Constant Light Controller
- Integrated Sunblind Controller
- Support DALI color control (DT8 tunable white & full color control)
- Supports lamp burn-in mode
- Supports periodic testing of DALI emergency lights
- Supports BACnet/ IP or BACnet MS/ TP
- Alarming, Scheduling, and Trending (AST™) locally or embedded in L-WEB (building management)
- Node.js support for easy IoT integration (e.g. Google calendar, Alexa & friends, multimedia equipment,...)

- Event-driven e-mail notification
- Visualization of customized graphical pages through LWEB-900 (Building Management), LWEB-803 (Monitoring and Control), or LWEB-802 (Web Browser)
- Built-in OPC XML-DA and OPC UA server
- Modbus TCP (Master or Slave)
- Supports SMI (Standard Motor Interface) through LSMI-804
- Connection to EnOcean wireless devices via LENO-80x Interface
- Supports WLAN through LWLAN-800 Interface
- Supports LTE through LTE-800 Interface
- Modbus RTU/ASCII for 5 devices (LIC-MOD5 required)

Technical Data

Model No.	LDALI-ME201-U	LDALI-ME204-U
Power supply	85-240 V AC, 50/ 60 Hz, typ. 7.5 W	85-240 V AC, 50/ 60 Hz
DALI channels	1	4
Integrated DALI bus power supply (per channel)	16 V DC 230 mA guaranteed supply current 250 mA max. supply current	16 V DC 116 mA guaranteed supply current 125 mA max. supply current
Dimensions (mm)	159 x 100 x 75 (L x W x H), DIM035	
Installation	DIN rail mounting following DIN 43880, top hat rail EN 50022	
Operating conditions	0 °C to 40 °C, 10 – 90 % RH, noncondensing, degree of protection: IP40, IP20 (terminals)	
Certificates	DALI-2	

Interfaces	• 2 x Ethernet (100Base-T):
	  OPC XML-DA, OPC UA, BACnet/ IP*, Modbus TCP, HTTP, FTP, SSH, HTTPS, Firewall, VNC, SNMP
	• 1 x RS-485 (ANSI TIA/ EIA-485): BACnet MS/ TP* or Modbus RTU/ASCII (Master or Slave)**
	• 2 x USB-A: WLAN (needs LWLAN-800), EnOcean (needs LENO-80x),
	  SMI (needs LSMI-804), LTE (needs LTE-800)
	
	Either BACnet/ IP or BACnet MS/ TP
	** Requires LIC-MOD5 software license	

Tools	L-INX Configurator and configuration via web interface	

LDALI-MS2/MS2-BT
L-DALI Multi-Sensor

LDALI-MS2-BT/LDALI-MS4-BT can transmit all supported beacon types for indoor localization.

On the back of the sensor, there is a connector for three digital inputs.

LDALI-BM2
L-DALI Pushbutton Coupler

Additional 4 contacts for signal lights in pushbuttons, powered over DALI bus line.

LDALI-RM8
L-DALI Relay Module

Digital inputs forcing the corresponding relays to switch on (override, status can be queried)

LDALI-PD1
L-DALI Phase-Cut Dimmer Module

LDALI-PWM4-x
L-DALI PWM module
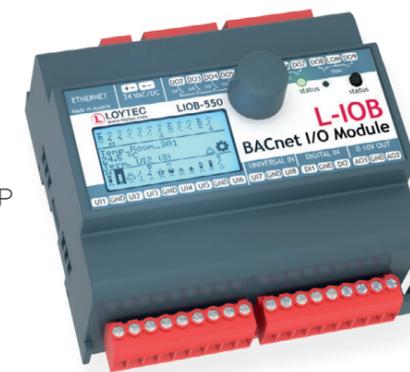
LIOB-55x

The LIOB-55x Modules communicate over Ethernet/ IP in the BACnet/ IP network. They adhere to the BACnet Building Controller Profile (B-BC) and either expose their I/ O data points through BACnet server objects or actively fetch them from a BACnet server via BACnet client maps.

The LIOB-55x Modules are equipped with a web interface to query the device status and display or change each data point of the module. In addition to the BACnet object interface, the I/ O data points are exposed by the integrated OPC server providing SSL encrypted web services (OPC XML-DA) or UA Secure Conversation (OPC UA). The local display can be accessed via VNC.

Key features

- I/ O module with physical inputs and outputs
- BACnet objects for integration in BACnet/ IP channels
- Integrated web server for device configuration and monitoring data points
- Supports BACnet Alarming, Scheduling, and Trending
- Built-in OPC XML-DA and OPC UA server
- Math objects to execute mathematical operations on data points

Technical Data

Model No.	LIOB-550	LIOB-551	LIOB-552	LIOB-553	LIOB-554
Power consumption	4.5 W (Relays on)	4.5 W	4.5 W (Relays on)	4.5 W (Relays on)	4.5 W (Relays on)
Universal Input (UI)	8	8	6	6	7
Digital Input (DI)	2	12	-	-	-
Analog Output (AO)	2	-	6	6	4
Digital Output (DO)	8 (4 x Relay 6 A, 4 x Triac 0.5 A)	-	8 (8 x Relay 6 A)	5 (4 x Relay 16 A, 1 x Relay 6 A)	7 (5 x Relay 6 A, 2 x Triac 0.5 A)
Power supply	24 V DC / 24 V AC 310 % via L-INX, L-ROC, L-POW or LIOB-A2/A4 via LIOB-Connect				
Dimensions (mm)	107 x 100 x 75 (L x W x H), DIM018, DIM019, DIM020, DIM021, DIM022				
Installation	DIN rail mounting following DIN 43880, top hat rail EN 50022				
Operating conditions	0 °C to 50 °C, 10 – 90 % RH, noncondensing, degree of protection: IP40, IP20 (terminals)				

Interfaces	2 x Ethernet (100Base-T):
	  OPC XML-DA, OPC UA, LIOB-IP,
	  BACnet/ IP				

BACnet/IP

LIOB-550
8 UI
2 DI
2 AO
8 DO

LIOB-551
8 UI
12 DI

LIOB-552
6 UI
6 AO
8 DO

LIOB-553
6 UI
6 AO
5 DO

LIOB-554
7 UI
4 AO
7 DO
PRESS

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*Please contact us for more specific information.

*Please contact us for more specific information.

LROC 400

The L-ROC Room Controller LROC-400 for the European 868 MHz bandprovides the basis for a revolutionary room automation system based on IP, which seamlessly integrates with native BACnet/IP networks and LonMark Systems at the controller level.
Together with the L-STUDIO software, flexible room solutions can be created and adapted to changing requirements during the project with little effort. Integral parts of the L-ROC System are a web-based room operation via an LWEB-802/803 dashboard and the automatic generation of graphics for the L-VIS Touch Panel for local operation.

Key features

- Room controller for up to 8 or16 room segments
- Integrated AST™ functions (Alarming, Scheduling, and Trending) for each room segment
- Node.js support for easy IoT integration (e.g. Google calendar, Alexa & friends, multimedia equipment,...)
- Event-driven e-mail notification
- Stores customized graphical pages
- Visualization of customized graphical pages through LWEB-900 (Building Management), LWEB-803 (Monitoring and Control), or LWEB-802 (Web Browser)
- Supports BACnet MS/ TP and BACnet/ IP
- BACnet Client Function (Write Property, Read Property, COV Subscription)
- BACnet Client Configuration with configuration tool (scan and EDE import)
- Integrated BACnet/ IP to BACnet MS/ TP Router including BBMD as well as Slave-Proxy functionality
- Connection to KNXnet/ IP and KNX TP1
- M-Bus Master according to EN 13757-3, connection via optional M-Bus Converter (L-MBUS20 or L-MBUS80)

- Modbus TCP and Modbus RTU/ASCII (Master or Slave)
- Integrated web server for device configuration and monitoring data points
- DALI integration of up to 64 DALI lamps (depending on the model)
- Connection to EnOcean wireless devices (built-in EnOcean interface with external antenna for Europe, 868 MHz) or via LENO-80x (LROC-402 only)
- Supports WLAN through LWLAN-800 Interface
- Integration of actuators via MP-Bus (expandable via LMPBUS-804)
- Supports SMI (Standard Motor Interface): LROC-400, LROC-401: built-in (expandable via LSMI-80x) LROC-402: needs LSMI-804
- Supports LTE through LTE-800 Interface
- Stores user-defined project documentation

Technical Data

Model No.	LROC-400	LROC-401	LROC-402
Power supply	24 V DC 310 % or 85 – 240 V AC, 50 – 60 Hz (do not connect 24 V DC if SMI or DALI are used)		
Dimensions (mm)	340 x 144 x 70 (L x W x H), DIM047		
Interfaces	• 2 x Ethernet (100Base-T): • Web services (OPC XML-DA, OPC UA), LonMark IP-852, BACnet/ IP*, LIOB-IP, KNXnet/ IP, • Modbus TCP (Master or Slave), HTTP, FTP, SSH, HTTPS, Firewall, VNC, SNMP • 1 x L-STAT (Room Operator Panel) • 1 x MP-Bus (actuator) • 1 x KNX TP1 • 2 x USB-A		
	• 1 x RS-485 (ANSI TIA/ EIA-485): BACnet MS/ TP* or Modbus RTU/ASCII (Master or Slave) • 1 x DALI with integrated DALI bus power supply 16 V DC, 160 mA guaranteed supply current, 250 mA max. supply current • 1 x SMI (Standard Motor Interface Master) • 1 x EnOcean (Europe 868 MHz) with external antenna • 1 x EXT: M-Bus, Master EN 13757-3 (needs LMBUS-20 or LMBUS-80 or SMI (needs LSMI-800		–
Universal Input (UI)	10	0	10
Digital Input (DI)	2	0	2
Analog Output (AO)	8	0	8
Digital Output (DO)	32 (24 x Relay, 8 x Triac)	0	32 (24 x Relay, 8 x Triac)
Digital Output specification	Relay: 10 A Triac: 0.5 A @ 24–240 V AC	-	Relay: 10 A Triac: 0.5 A @ 24–240 V AC

Please contact us for more specific information.

L-STAT Room Operator Panel

The L-STAT is a room operator panel device with a modern, minimalistic look that fits any interior design. It is directly connected to a LOYTEC controller with a Modbus interface such as LIOB-AIR or L-ROC.
The L-STAT is available in three different hardware versions, with six different button layouts, and two front cover color options (36 models in total).

Key features

- Easy integration into LOYTEC controllers such as L-INX, L-ROC or LIOB-AIR
- NFC (Near Field Communication) with content configurable via network
- Temperature sensor
- Humidity sensor

Individual front cover printing on request to match clients room design or corporate identity

LVIS 3ME 7/12/15

L-VIS Touch Panels for LonMark, BACnet, and Modbus networks are ideally suited for visualization and operation of various applications in building automation. L-VIS Touch Panels visualize building systems, can be used as room operator panels, in hospital operation or isolation rooms, conference and reception areas.
L-VIS impresses with its timeless design, harmonic integration into modern andhistorical architecture, and with its extremely user friendly concept. The shallow installation depth and low thermal power loss allow mounting in almost any location.

Frameless glass front and capacitive touch
(also available with Anodized aluminum front frame)

Available in three different screen sizes: 7", 12.1", 15"

Please contact us for more specific information.

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ETT LIGHTING

Address
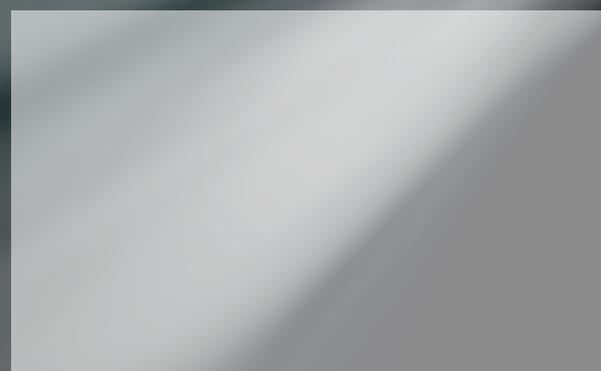
Luxar Lighting
Dobrna 7
3204 Dobrna
SLOVENIA

Contact

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Some photos of the products shown in the catalogue are
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The manufacturer reserves the right to change the
technical specifications without prior notification.

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