



Metropole LED gen2: comfortable, unobtrusive light in a discreet design

Metropole LED gen2

The Metropole LED gen2 post-top luminaire is the perfect solution for creating an inviting urban environment. It balances comfort and unobtrusive lighting in a discreet design and emits a pleasant, non-glary, soft glow that elevates the atmosphere of any outdoor space. Originally designed 25 years ago, Metropole has been rejuvenated with a modern and minimalistic design. The new version features a contemporary look that meets the needs of today's cities and towns. Metropole LED gen2 is designed to emit indirect, symmetrical, glare-free light from the light source hidden at the bottom of the bowl. The light is directed downwards by a top reflector, reducing light pollution and ensuring that light is directed exactly where it's needed. The top reflector also helps to diffuse light uniformly, distributing soft, comfortable light without glare. Residents won't be disturbed by light emitted from the luminaire, as a louver can be easily added to prevent light from spilling into nearby homes. Metropole LED gen2 is available in warmer color temperatures that minimize disturbance to nocturnal wildlife and respect the integrity of the surrounding environment. Metropole LED gen2 is designed with the circular economy in mind. Aluminum parts are made of 88% recycled material. The luminaire is upgradeable and serviceable during its operational life. While at the end of life, the luminaire can be dismantled and parts recycled. Metropole LED gen2 also features a top Zhaga-D4i (ZD4i) system-ready socket, making it compatible with advanced lighting management systems such as Interact for increased energy savings.

Metropole LED gen2

Benefits

- Soft, comfortable, non-glary glow
- Clean, minimalistic design that blends discreetly into any urban environment
- Top reflector directs light downward, contributing to the preservation of the dark night sky
- Designed with the circular economy in mind using recycled aluminum

Features

- Indirect light generation provides comfortable light with a very high glare index class (D6 using symmetrical distribution)
- The symmetrical distribution reduces upward emission of light to 5.5%, achieving 50% reduction of ULR compared to other indirectly lit luminaires
- Glare control shield reduces light spill to protect surrounding residential areas
- Aluminum parts made of 88% recycled materials. EPD is available to showcase the impact of recycled materials
- Lifetime up to 100,000 hours at L90B10
- Available with top Zhaga-D4i (ZD4i) system-ready socket, ready to pair with advanced lighting management systems such as Interact
- Efficacy up to 118 lm/W

Application

- Parks and plazas
- Residential streets
- Bike and pedestrian paths
- Open spaces and squares

Specifications

Luminous flux	LED6 ~ 600 lm source flux
	LED8 ~ 800 lm source flux
	LED10 ~ 1000 lm source flux
	LED15 ~ 1500 lm source flux
	LED20 ~ 2000 lm source flux
	LED25 ~ 2500 lm source flux
	LED30 ~ 3000 lm source flux
	LED35 ~ 3500 lm source flux
	LED40 ~ 4000 lm source flux
	LED45 ~ 4500 lm source flux
	LED50 ~ 5000 lm source flux
	LED60 ~ 6000 lm source flux
Correlated color	822 warm white
temperature - CCT	827 warm white
	830 warm white
	840 neutral white

Optical distribution	Symmetrical
	Assymetric using shield
Dimming	PSU: non-dimmable power supply unit
	PSR: dimmable driver with LineSwitch
	PSD: dimmable driver with DALI interface (integrated)
	PSDD: dimmable driver Dynadim integrated
	PSD-SR: dimmable driver with DALI and SystemReady interface
	PSM: dimmable driver with Coded Mains integrated

Metropole LED gen2

Versions



Metropole LED gen2 can be paired with Interact

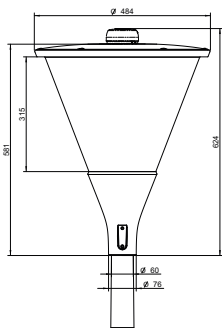


Metropole LED gen2 with glare shield



Metropole LED gen2

Dimensional drawing



Product details



Metropole LED gen2 with Interact node



Metropole LED gen2

Metropole LED gen2

Product details



Metropole LED gen2 with Zhaga socket



Metropole LED gen2

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Luminaire light beam spread	130°
Light source color	830 warm white
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Operating and Electrical	
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 10 kV common mode
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Polycarbonate bowl/cover
Housing Color	Clear
Ingress protection code	IP66
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Emergency Operation	
Central Emergency	No
Approval and Application	
CE mark	Yes
Flammability mark	-
Product Data	
Product family code	BPS430

General Information

Order Code	Full Product Name	Lamp family code
13194100	BPS430 LED35/830 II S GR IACZ SDM10E C4K	LED35
13170500	BPS430LED25/830II S LO CLODDF2ASDM10EC6K	LED25
13190300	BPS430 LED35/830II S GR PSD D9 SDM10EC4K	LED35

Light Technical

Metropole LED gen2

Order Code	Full Product Name	Luminous Flux	Optic type outdoor	Upward light output ratio
13194100	BPS430 LED35/830 II S GR IACZ SDM10E C4K	2,387 lm	Symmetrical	0.048
13170500	BPS430LED25/830II S LO CLODDF2ASDM10EC6K	1,828 lm	Asymmetrical	0.075

Order Code	Full Product Name	Luminous Flux	Optic type outdoor	Upward light output ratio
13190300	BPS430 LED35/830II S GR PSD D9 SDM10EC4K	2,387 lm	Symmetrical	0.048

Operating and Electrical

Order Code	Full Product Name	Power Consumption
13194100	BPS430 LED35/830 II S GR IACZ SDM10E C4K	21.8 W
13170500	BPS430LED25/830II S LO CLODDF2ASDM10EC6K	15.8 W

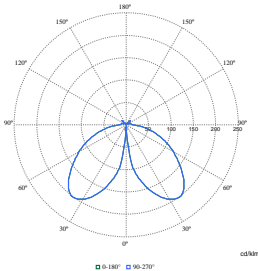
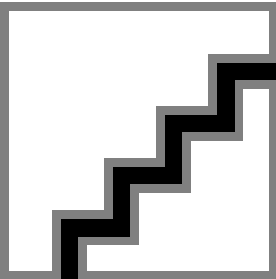
Order Code	Full Product Name	Power Consumption
13190300	BPS430 LED35/830II S GR PSD D9 SDM10EC4K	22 W

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
13194100	BPS430 LED35/830 II S GR IACZ SDM10E C4K	IK09
13170500	BPS430LED25/830II S LO CLODDF2ASDM10EC6K	IK10

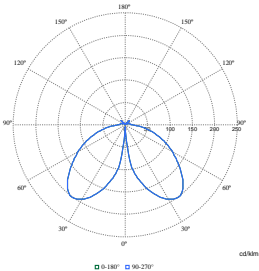
Order Code	Full Product Name	Mech. impact protection code
13190300	BPS430 LED35/830II S GR PSD D9 SDM10EC4K	IK10

Polar Wide Diagrams



Polar Normal (separate) - BPS430I - 919008636803

Polar Normal (separate) - BPS430I - 919008636823



Polar Normal (separate) - BPS430I - 919008636827

