



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 |

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Versions



Metropole LED gen2 can be paired with Interact

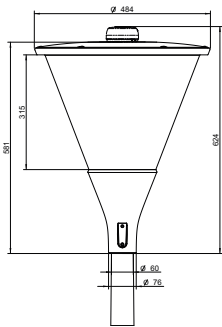


Metropole LED gen2 with glare shield



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 | 1,315 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 |

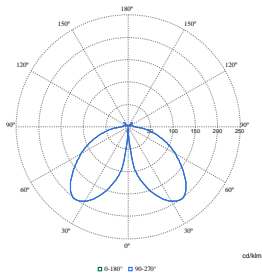
| Order Code | Full Product Name | Power Consumption |
|------------|--|-------------------|
| 13190300 | BPS430 LED35/830II S GR PSD D9 SDM10EC4K | 22 W |

Mechanical and Housing

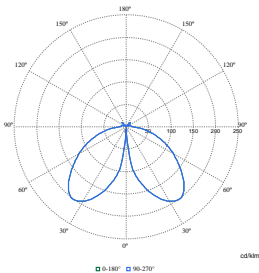
| Order Code | Full Product Name | Mech. impact protection code |
|------------|--|------------------------------|
| 13194100 | BPS430 LED35/830 II S GR IACZ SDM10E C4K | IK09 |
| 13170500 | BPS430LED25/830II S LO CLODDF2ASDM10EC6K | IK10 |

| 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 - 919008636823



Polar Normal (separate) - BPS430I - 919008636827

