



BPS430LED25/830II S LO
CLODDF2ASDM10EC6K

919008636803



Metropole LED gen2, post-top, 15.8 W, D484 mm; H546 mm, 1828 lm, 3000 K, CRI80, Programmable (via DALI or NFC) stand-alone dimming, Asymmetrical, CLO-DDF2, Safety class II, IP66, MSP, SRG6-10

post-top, D484 mm; H546 mm, Polycarbonate, Clear, Light gray (RAL7035), Marine salt protected coating, Power supply unit with DynaDimmer and constant light output (integrated), Constant light output and DynaDimmer fixed presets version 2, 1828 lm, 15.8 W, 85 lm/W, 3000 K, (0.43,0.40) SDCM<0.003, CRI80, Asymmetrical, IP66 | Dust penetration-protected, jet-proof, IK10 | 20 J vandal-resistant, Safety class II, Surge protection level until 6 kV differential mode and 10 kV common mode, Cable 6.0 m without plug, Flying leads/wires

General Information

Lamp family code	LED25 [LED Module 2500 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical

Upward light output ratio	0.075
Luminous Flux	1,828 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color rendering index (CRI)	80
Light source color	830 warm white
Luminaire light beam spread	130°
Optic type outdoor	Asymmetrical
Effective projected area	0.0590 m ²

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	15.4 W
Average CLO power consumption	15.6 W
End CLO power consumption	15.8 W
Inrush current	18 A
Inrush time	0.28 ms
Power Consumption	15.8 W
Power Factor (Fraction)	0.99
Connection	Flying leads/wires
Cable	Cable 6.0 m without plug
Number of products on MCB of 16 A type B	30
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 10 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)
Control interface	Programmable (via DALI or NFC) stand-alone dimming
Constant light output	Yes
DALI Standard	DALI-2™
Embedded control	Constant light output and DynaDimmer fixed presets version 2

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	UV stabilized Polycarbonate cover
Fixation material	Aluminum
Housing Color	Clear
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Conical
Optical cover finish	Clear
Overall height	581 mm
Overall diameter	484 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Mounting	Pole top
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	6.200 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +25 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43,0.40) SDCM<0.003
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

Sustainability Data

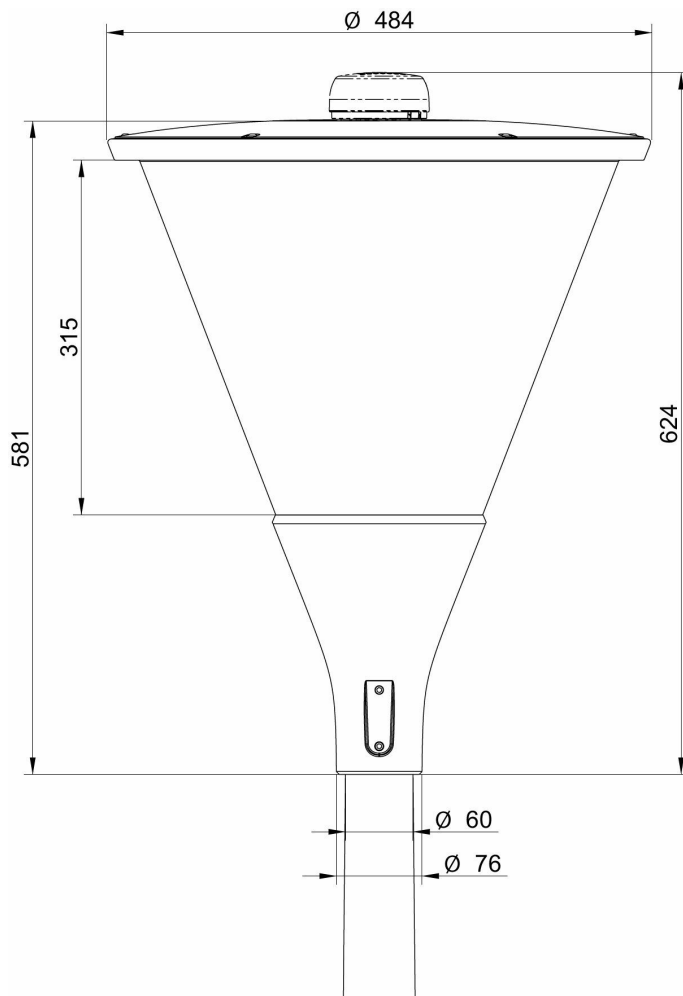
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

Embedded carbon (A1-A3)	53.9 kg CO ₂ e
Product non-virgin material ratio	28.5 %
Recyclable content ratio of the finished product	30.7 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	BPS430LED25/830II S LO CLODDF2ASDM10EC6K
Full product name	BPS430LED25/830II S LO CLODDF2ASDM10EC6K
Full product code	872016913170500
Order code	13170500
Material Nr. (12NC)	919008636803
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169131705
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169131705
Product family code	BPS430 [METROPOLE LED GEN2]

Dimensional drawing



Polar normal diagrams

