



DigiStreet

BGP761 LED45-4S/420 II DM11 DGR 62

DigiStreet, Road & street light, 27.5 W, 2790 lm, 2000 K, Distribution medium 11, Safety class II, IP66

Developed with the aim to become your long term partner, the system ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come!. Its two sockets enable you to connect directly to the CityTouch system and is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain an optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

General Information	
Lamp family code	LED45 [LED Module 4500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge

	protection device, optics, front cover and mechanical parts
Warranty period	5 years
Sustainability rating	Unclassified
Light Technical	
Upward light output ratio	0
Luminous Flux	2,790 lm
Correlated Color Temperature (Nom)	2000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	40
Light source color	420 ClearStar NW

Luminaire light beam spread	160° - 42° x 53°
Optic type outdoor	Distribution medium 11
Effective projected area	0.0666 m²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	27.5 W
Power Factor (Fraction)	0.92
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	11
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm
Overall width	236 mm
Overall height	107 mm
Dimensions (Height x Width x Depth)	107 x 236 x 860 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Optical cover type	Flat glass
Net Weight (Piece)	7.610 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

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	L98

Product Data

Order product name	BGP761 LED45-4S/420 II DM11 DGR 62
Full product name	BGP761 LED45-4S/420 II DM11 DGR 62
Full product code	871869944871400
Order code	910925865605
Material Nr. (12NC)	910925865605
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699448714
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699448714
Product family code	BGP761 [DigiStreet Mini]

Dimensional drawing

