



DigiStreet

BGP761 LED84/740 I DM10 DGR 62 S

DigiStreet, Road & street light, 49.5 W, 7476 lm, 4000 K, CRI70, Distribution medium 10, Safety class I, 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	LED84 [LED module 8400 lm]		protection device, optics, front cover and mechanical parts
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Sustainability rating	Signify Circle
Driver included	Yes		
Light source engine type	LED	Light Technical	
Service tag	Yes	Upward light output ratio	0
Lighting Technology	LED	Luminous Flux	7,476 lm
Value ladder	Specification	Correlated Color Temperature (Nom)	4000 K
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge	Luminous Efficacy (rated) (Nom)	151 lm/W
		Color rendering index (CRI)	70
		Light source color	740 neutral white

Luminaire light beam spread	157° - 33° x 55°
Optic type outdoor	Distribution medium 10
Effective projected area	0.0666 m ²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	51 W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	49.5 W
Power Factor (Fraction)	0.98
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	11
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
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)	7.630 kg
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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

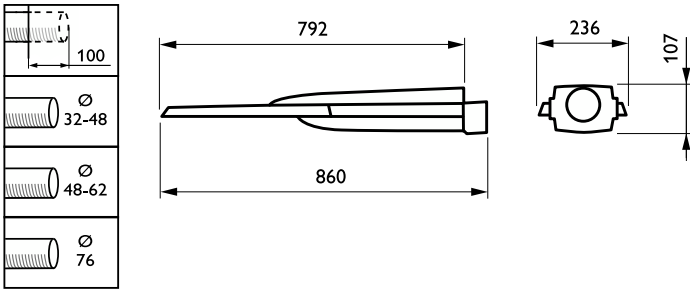
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L97
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

Product Data

Order product name	BGP761 LED84/740 I DM10 DGR 62 S
Full product name	BGP761 LED84/740 I DM10 DGR 62 S
Full product code	871951405929000
Order code	05929000
Material Nr. (12NC)	910925866496
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514059290
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514059290
Product family code	BGP761 [DigiStreet Mini]

Dimensional drawing



Photometric data



Polar Normal (separate) - BGP761I - 910925866237

