



DigiStreet

BGP762 LED110-/740 I DN10 DGR 32-48

DigiStreet, Road & street light, 61 W, 10010 lm, 4000 K, CRI70, Distribution narrow 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	LED110 [LED module 11000 lm]		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 Technical	
Light source engine type	LED	Upward light output ratio	0
Service tag	Yes	Luminous Flux	10,010 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	4000 K
Value ladder	Specification	Luminous Efficacy (rated) (Nom)	164 lm/W
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection	Color rendering index (CRI)	70
		Light source color	740 neutral white

Luminaire light beam spread	68° x 158°
Optic type outdoor	Distribution narrow 10
Effective projected area	0.068 m²

Sustainability Data

Product non-virgin material ratio	6.6 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	61 W
Power Factor (Fraction)	0.98
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	8
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 32 to 48 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm
Overall width	361 mm
Overall height	107 mm
Dimensions (Height x Width x Depth)	107 x 361 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)	9.038 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

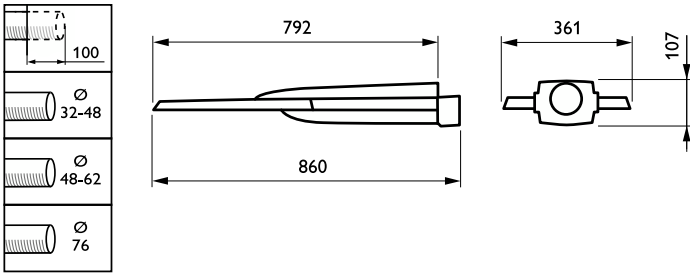
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 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	L99
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L97

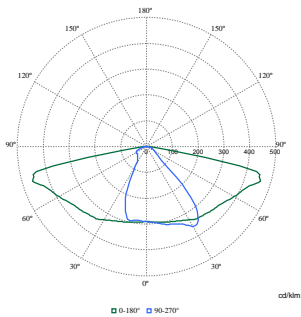
Product Data

Order product name	BGP762 LED110-/740 I DN10 DGR 32-48
Full product name	BGP762 LED110-/740 I DN10 DGR 32-48
Full product code	871869637826700
Order code	37826700
Material Nr. (12NC)	910925866224
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696378267
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696378267
Product family code	BGP762 [DigiStreet Medium]

Dimensional drawing



Photometric data



Polar Normal (separate) - BGP762I - 910925866224

