



DigiStreet

BGP763 LED320-/740 II DX70 DGR 76

BGP763 | DigiStreet Large - LED320 | LED module 32000 lm - 740 neutral white - Safety class II - Distribution extra wide 70 - Luminaire surge protection level until 6 kV differential mode and 8 kV common mode - Spigot for diameter 76 mm

Developed with the aim of becoming 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 Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips 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 optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

General Information	
Lamp family code	LED320 [LED module 32000 lm]
Light source replaceable	Yes
Number of gear units	2 units
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP763 [DigiStreet Large]

Lighting Technology	LED
Value ladder	Specification
Light Technical	
Upward light output ratio	0
Luminous Flux	26,880 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	143 lm/W

Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Luminaire light beam spread	106° x 44°
Optic type outdoor	Distribution extra wide 70

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	188 W
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Fraction)	0.99
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	4

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (ON/OFF)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 76 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	1,011 mm
Overall width	361 mm
Overall height	121 mm
Effective projected area	0.08 m ²
Dimensions (Height x Width x Depth)	121 x 361 x 1011 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating	-
Protection class IEC	Safety class II
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes

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

Over Time Performance (IEC Compliant)

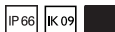
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Full product code	871869637843400
Order product name	BGP763 LED320-/740 II DX70 DGR 76
Order code	37843400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	910925866253
Full product name	BGP763 LED320-/740 II DX70 DGR 76
EAN/UPC - Case	8718696378434



Dimensional drawing

