



DigiStreet

BGP761 LED79-/830 II DM70 DGR DDF27 D18

DigiStreet Mini - LED module 7900 lm - 830 warm white - Safety class II (II) - Distribution medium 70 - Dark gray - DynaDimmer with fixed presets version 27 - Dimming via DynaDimmer integrated in ballast or driver - Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode - Spigot for diameter 62 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		Optical cover/lens type	FG [Flat glass]
Lamp family code	LED79 [LED module 7900 lm]	Luminaire light beam spread	-
Light source colour	830 warm white	Embedded control	DDF27 [DynaDimmer with fixed presets version 27]
Light source replaceable	Yes	Control interface	Internal (no external connection)
Number of gear units	1 unit	Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Driver/power unit/transformer	PSDD [Power supply unit with DynaDimmer]		
Driver included	Yes		

Connection	SI [Screw connection block]
Cable	-
Protection class IEC	Safety class II (II)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 70
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	11
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BGP761 [DigiStreet Mini]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.98

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum die-cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Stainless steel
Mounting device	62 [Spigot for diameter 62 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

Overall length	860 mm
Overall width	236 mm
Overall height	107 mm
Effective projected area	0.0666 m ²
Colour	Dark gray
Dimensions (height x width x depth)	107 x 236 x 860 mm (4.2 x 9.3 x 33.9 in)

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge protection (common/differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	7040 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	117 lm/W
Init. Corr. Colour Temperature	3000 K
Init. Colour rendering index	80
Initial chromaticity	(0.43. 0.40) SDCM <5
Initial input power	60 W
Power consumption tolerance	+/-11%
Init. colour rendering index tolerance	-2

Over Time Performance (IEC Compliant)

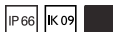
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97

Application Conditions

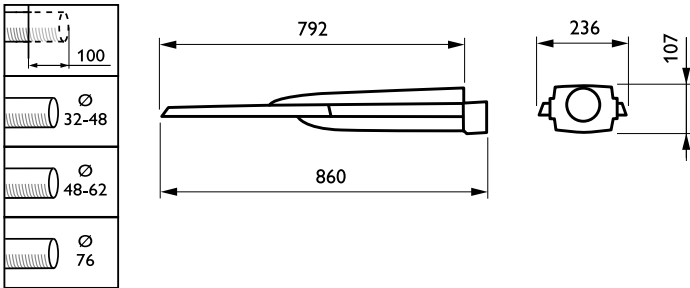
Ambient temperature range	-40 to +50 °C
Maximum dimming level	50%

Product Data

Full product code	871869637700000
Order product name	BGP761 LED79-/830 II DM70 DGR DDF27 D18
EAN/UPC – product	8718696377000
Order code	37700000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910925866239
SAP net weight (piece)	7.610 kg

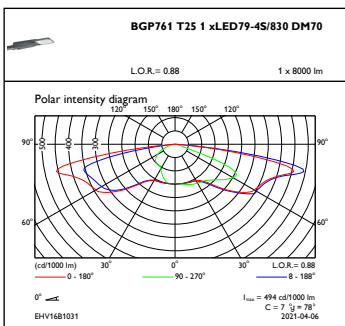


Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



OFPC1_BGP761T251xLED79-4S830DM70

