



# DigiStreet

## BGP761 LED84-/740 I DM10 DGR DDF27 D18 S

DigiStreet Mini - LED module 8400 lm - 740 neutral white - Safety class I (I) - Distribution medium 10 - Dark gray - DynaDimmer with fixed presets version 27 - Dimming via DynaDimmer integrated in ballast or driver - Surge protection level until 10 kV - Spigot for diameter 32-48 mm

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 Philips 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 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 an optimal ecosystems for bats or 2) preserve a dark night sky.

### Product data

General information		Luminaire light beam spread	
Lamp family code	LED84 [ LED module 8400 lm]	Luminaire light beam spread	157° - 33° x 55°
Light source color	740 neutral 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]	Connection	SCREW [ Screw connector]
Driver included	Yes	Cable	-
Optical cover/lens type	FG [ Flat glass]	Protection class IEC	Safety class I (I)

Flammability mark	NO [ - ]
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 10
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type B	11
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Light source engine type	LED
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
Product family code	BGP761 [ DigiStreet Mini]

## Light technical

Upward light output ratio	0
Standard tilt angle posttop	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)	0.97

## Controls and dimming

Dimmable	Yes
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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	32/48 [ Spigot for diameter 32-48 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 m²
Color	Dark gray
Dimensions (Height x Width x Depth)	107 x 236 x 860 mm

## Approval and application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [ 10 J]
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Sustainability rating	-

## Initial performance (IEC compliant)

Initial luminous flux (system flux)	7476 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	147 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38. 0.38) SDCM <5
Initial input power	51 W
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	L97

## Application conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	50%

## Product data

Full product code	871869638205900
Order product name	BGP761 LED84-/740 I DM10 DGR DDF27 D18 S
EAN/UPC - Product	8718696382059
Order code	38205900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925866237
Net Weight (Piece)	7.848 kg

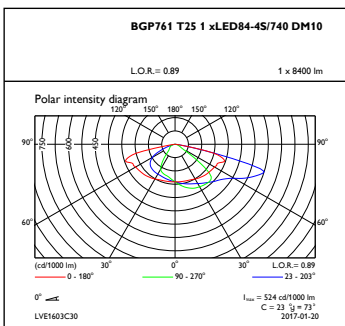


Dimensional drawing



BGP761 LED84-/740 I DM10 DGR DDF27 D18 S

Photometric data



OFPC1\_BGP761T251xLED84-4S740DM10

