



DigiStreet

BGP760 LED44-/740 I DM10 DGR DDF27 D18 S

DigiStreet Micro - LED module 4400 lm - 740 neutral white - Safety class I (I) - Distribution medium 10 - Dark gray - 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		Connection	Screw connection block 5-pole
Lamp family code	LED44 [LED module 4400 lm]	Cable	-
Light source color	740 neutral white	Protection class IEC	Safety class I (I)
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [Flat glass]	Optic type outdoor	Distribution medium 10
Luminaire light beam spread	157° - 33° x 55°	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is
Control interface	Internal (no external connection)		

no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * 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	21
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	BGP760 [DigiStreet Micro]

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	21 A
Inrush time	0.3 ms
Power Factor (Min)	0.97

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	32/48 [Spigot for diameter 32-48 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	695 mm
Overall width	236 mm
Overall height	103 mm

Effective projected area	0.0578 m ²
Color	Dark gray
Dimensions (Height x Width x Depth)	103 x 236 x 695 mm (4.1 x 9.3 x 27.4 in)

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3916 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	142 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	27.5 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

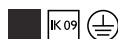
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

Application Conditions

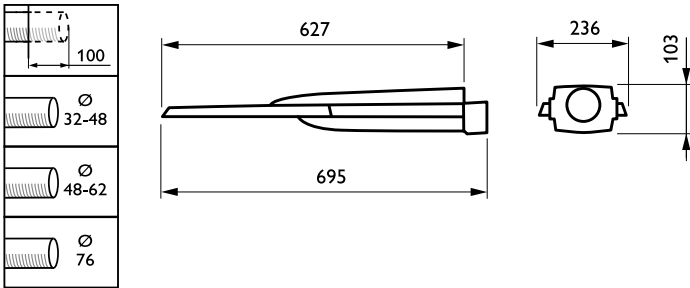
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	50%

Product Data

Full product code	871869638204200
Order product name	BGP760 LED44-/740 I DM10 DGR DDF27 D18 S
EAN/UPC - Product	8718696382042
Order code	38204200
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925864084
Net Weight (Piece)	5.965 kg

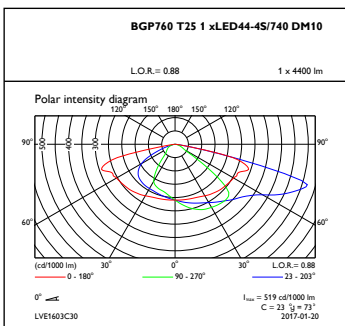


Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



OFPC1_BGP760T251xLED44-4S740DM10

