



Get your city ready for the future with DigiStreet

DigiStreet

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.

Benefits

- Prepared for the future: it is easy to upgrade directly after installation or later with future CMS nodes and sensors to enable new functionalities
- Large availability of lens optics to match international road and street geometries
- Equipped with a service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features

- Easy luminaire identification due to the Philips Service tag
- High efficacy up to 161 lm/W
- Choice of 30+ different beams and different internal louvres
- Surge protection, 10 kV
- L-tune tool available
- Lifetime 100 Khrs up to L96 at Tq +25 °C
- Internal louvre (optional)

Application

- Traffic routes and main access road
- Urban and residential areas
- City centres and high streets
- Cycle paths, footpaths and pedestrian crossings

Specifications

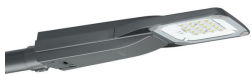
Type	BGP760 (Micro version) BGP761 (Mini version) BGP762 (medium version) BGP763 (large version)
Light source	Integral LED-module
Power	Micro version: WW: 5.6 up to 39.5 W, NW/CW: 6 up to 39 W Mini version: WW: 34 up to 72 W, NW/CW: 27.5 up to 74 W Medium version: WW: 69 up to 152 W, NW/CW: 55 up to 146 W Large version: WW: 178 up to 230 W, NW/CW: 144 up to 220 W
Luminous flux system	Micro version: WW from 550 to 4,500 lm, NW/CW 700-5,500 lm Mini version: WW from 4,000 to 8,500 lm, NW/CW 4,000-11,800 lm Medium: WW from 8,500 to 18,000 lm, NW/CW 8,500-21,600 lm Large: WW from 20,600 to 26,400 lm, NW/CW 20,900-32,000 lm Or tailor flux using L-Tune software
Luminaire efficacy	Micro version: NW/CW up to 147 lm/W, WW up to 118 lm/W Mini version: NW/CW up to 154 lm/W, WW up to 125 lm/W Medium: NW/CW up to 161 lm/W, WW up to 128 lm/W Large: NW/CW up to 150 lm/W, WW up to 121 lm/W
Correlated Colour Temperature	Warm white (WW): 3,000 K Neutral white (NW): 4,000 K Cool white (CW): 5,700 K
Colour Rendering Index	NW and CW: 70 WW: 80
Lumen maintenance at median useful life*	BGP760: up to L96 BGP761: up to L95
100,000 h	BGP762: up to L94 BGP763: up to L92
Control gear failure rate at median useful life	10%
100,000 h	

Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-40 to +35 °C
Driver	Built-in (self-ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	22 W: 15 A/ 360 µs (max 23 drivers on CB 16A B type), SR 22 W: 18A/ 320 µs (max 21 drivers on CB 16A B type) 40 W: 22 A/ 290 µs (max 20 drivers on CB 16A B type), SR 40 W: 21A/ 300 µs (max 21 drivers on CB 16A B type) 75 W: 46 A/ 250 µs (max 11 drivers on CB 16A B type), SR 75W: 65 A/ 330 µs (max 6 drivers on CB 16A B type) 150 W: 53 A/ 300 µs (max 8 drivers on CB 16A B type), SR 150 W: 65 A/ 330 µs (max 6 drivers on CB 16A B type) 2x 150 W: 106 A/300 µs (max 4 drivers on CB 16A B type), SR 150 W: 130 A/330 µs (max 3 drivers on CB 16A B type)
Dimming	Stand-alone DynaDimmer DALI
Options	Wired for SR (System Ready), mini Photocell or NEMA socket
Optic	Narrow, medium, wide or extra-wide road optics: DM10, DM11, DM12, DM13, DM30, DM31, DM32, DM33, DM50, DM70, DPR1, DPL1, DS50, DW10, DW50, DX10, DX50, DX51, DX70, DN09, DN10, DN11, DN50, DRM1, DRM2, DRN1, DRN2,
Optical element	Louvres (BL1, BL2)
Optical cover	Tempered glass
Material	High-pressure, die-cast LM6 aluminium
Colour	RAL 7022 for Philips Dark grey Other RAL or AKZO colours available on request
Connection	M20 cable gland with strain relief, for cable Ø 6-12 mm
Maintenance	Canopy to access the gear tray hinges upwards, and it is secured by a stainless steel locking bar The Philips Service tag will help to identify the product and share all product information on the spot

Installation	Post top: 48-62 or 76 mm	Medium version: 0.0562 m ²
	Side entry: 32-48 mm, 48-62 mm	Large version: 0.0562 m ²
	Recommended mounting height:	
	Micro version: 4 to 6 m	
	Mini version: 5 to 8 m	
	Medium version: 6 to 12 m	
	Large version: 10 to 18 m	
	Standard tilt angle post top: 0°	
	Adjustable tilt angle: -20°, -15°, -10°, -5°, 0°, +5°, +10°, +15°, +20°	
	Adjustable light distribution: no	
	Max SCx	
	Micro version: 0.0450 m ²	
Mini version: 0.0589 m ²		
SR compatibility	<p>For SR-based luminaires only SR-certified components/sensors are to be used (see also: http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting?).</p> <p>Functional compatibility of 2 (SR-certified) components/sensors to be used in combination as well as to override the possibility of any lineswitch function used in an SR-based luminaire, is to be released by the master component/sensor supplier. For the use of a NEMA 7-pin socket on an SR-based luminaire, a full-system verification is required. Not following this advice can/will cause risk of damage and non-compliance for which Signify cannot take any responsibility.</p>	

Versions

DigiStreet BGP760 road-lighting luminaire



Product details

Digistreet-BGP760-DP06.tif



Digistreet-BGP760-DP09.tif



Digistreet-BGP760-DP10.tif



Digistreet-BGP760-DP11.tif



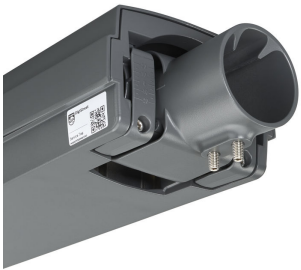
Product details



Digistreet-BGP761-DP17.tif



Digistreet-BGP761-DP18.tif



Digistreet-BGP761-DP19.tif



Digistreet-BGP761-DP20.tif



Digistreet-BGP761-DP21.tif



Digistreet-BGP761-DP22.tif



Digistreet-BGP761-DP23.tif



Digistreet-BGP761-DP24.tif

Product details

Digistreet-BGP761-DP25.tif



Digistreet-BGP761-DP26.tif



Application Conditions

Maximum dim level	Not applicable
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Approval and Application

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	Yes
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General Information

CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Gear	EB
Glow-wire test	650/5
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	1
Product Family Code	BGP760

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	70

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0

Mechanical and Housing

Colour	Dark Grey
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Operating and Electrical

Order Code	Full Product Name	Driver current
37689800	BGP760 LED34-/740 DX10 DGR 32-48	368 mA
37691100	BGP760 LED44-/740 DW50 DGR 32-48	489 mA

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Lamp		Optical element
			family code	Optic type	
37689800	BGP760 LED34-/740 I DX10 DGR 32-48	150° - 43° x 67°	LED34	Distribution extra-wide 10	CIR

Order Code	Full Product Name	Luminaire light beam spread	Lamp		Optical element
			family code	Optic type	
37691100	BGP760 LED44-/740 I DW50 DGR 32-48	152° - 24° x 66°	LED44	Distribution wide 50	DF

General Information (2/2)

Order Code	Full Product Name	UL mark
37689800	BGP760 LED34-/740 I DX10 DGR 32-48	No

Order Code	Full Product Name	UL mark
37691100	BGP760 LED44-/740 I DW50 DGR 32-48	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
37689800	BGP760 LED34-/740 I DX10 DGR 32-48	2958 lm

Order Code	Full Product Name	Initial luminous flux
37691100	BGP760 LED44-/740 I DW50 DGR 32-48	3784 lm

