



# DigiStreet

## BGP761 LED74-/740 I DM50 DGR SRB 62

DigiStreet, Road & street light, 43.5 W, 6660 lm, 4000 K, CRI70, Distribution medium 50, Safety class I, IP66

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		protection device, optics, front cover and mechanical parts	
Lamp family code	LED74 [LED module 7400 lm]	Warranty period	5 years
Light source replaceable	Yes	Sustainability rating	Lighting for circularity
Number of gear units	1 unit	Light Technical	
Driver included	Yes	Upward light output ratio	0
Light source engine type	LED	Luminous Flux	6,660 lm
Service tag	Yes	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	153 lm/W
Value ladder	Specification	Color rendering index (CRI)	70
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge	Light source color	740 neutral white

Luminaire light beam spread	154° - 31° x 54°
Optic type outdoor	Distribution medium 50
Effective projected area	0.0666 m²

#### Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	9.6 A
Inrush time	0.13 ms
Power Consumption	43.5 W
Power Factor (Fraction)	0.96
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	31
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

#### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

#### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm
Overall width	236 mm
Overall height	151 mm
Dimensions (Height x Width x Depth)	151 x 236 x 860 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass

Net Weight (Piece)	7.860 kg
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#### Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 to +50 °C

#### 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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

#### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L99
Lumen maintenance at median useful life* 100000 h	L97

#### Product Data

Order product name	BGP761 LED74-/740 I DM50 DGR SRB 62
Full product name	BGP761 LED74-/740 I DM50 DGR SRB 62
Full product code	871869638597500
Order code	910925866242
Material Nr. (12NC)	910925866242
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696385975
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696385975
Product family code	BGP761 [DigiStreet Mini]

Dimensional drawing

