



LumiStreet – elementary road range

LumiStreet

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available. We have the answer to their needs. With its compact design and modern LED architecture, LumiStreet is a versatile, cost-effective luminaire that fulfils basic functional road lighting requirements. It is made of high-quality components that ensure long lifetime and low maintenance cost. The result? A road lighting luminaire that provides effective illumination while at the same time cutting energy and maintenance bills.

Benefits

- Cost-effective LED alternative to conventional street lights
- Easy to install
- Long lifetime and low maintenance cost

Features

- Basic, compact design
- High-quality components
- Choice of two optics for extended application coverage
- Available in two sizes
- Low weight

Application

- Traffic routes
- Residential areas

Specifications

Type	BGP212 (mini version)
	BGP213 (small version)
	BGP253 (medium version)
	BGP214 (large version)
Light source	Integral LED-module
Power	5,9 to 146W (depending on the version)
Luminous flux	Core
	Mini version: from 1500 to 7100lm (system)
	Medium version: from 8000 to 15000lm (system)
	Performer
	Mini version: from 700 to 5300lm (system)
	Medium version: from 5000 to 11700lm (system)
Luminaire efficacy	Up to 155 lm/W (depending on the version)
	Core:
	Neutral white (NW): 4000 K
	Performer
Temperature	Warm white (WW): 3000 K
	Neutral white (NW): 4000 K
	Neutral white (NW): 4000 K
Color Rendering Index	NW: 70
	WW: 80
Lumen maintenance at median useful life*	Core: min L80
	Performer: up to L95
100000 h	
Control gear failure rate at median useful life	10%
100000 h	
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to +35 °C (wider range upon request)
Driver	Built-in (self-ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Dimming	LightWave CityTouch
	LineSwitch
	LumiStep
	DynaDimmer
	MainsDimming
Options	System Ready Interface
	Nema Socket 5 PIN
	Nema Socket 7 PIN
	Constant light output (CLO)
	External cable 4, 6, 8, 10, 12, 15, 22 m
	Surge protection device (up to 10 kV)
	Backlight louver (BL1 and BL2) for mini and medium versions
	External Louvers

Optic	Core version: Distribution Medium (DM) or Distribution Wide (DW)
	Performer version: Distribution Narrow (DN10), Distribution Medium (DM10, DM11, DM12, DM50), Distribution Wide (DW10)
	Other premium optics upon request
Material	Upper frame: die-cast aluminum, high-pressure
	Electric cover: die-cast aluminum, high-pressure
	Cover: glass, thermally hardened
Color	Standard light grey, (RAL7035), other colors upon request
Connection	Screw connection block or as option an external IP connector
Maintenance	Opening cover with 4 screws
	The Philips Service tag will help to identify the product and share all product information on the spot
Installation	Side entry mounting: Ø 32-48 or 48-60 mm
	Post-top mounting: Ø 32-48, 48-60 or 76 mm
	Optional spigot insert (reducer)
	Recommended mounting height: 4-18 m
	Standard tilt angle post top: +0 to 10°
	Standard tilt angle side entry: +10 to -90°
	Max SCx: BGP213: 0.036 m²
SR compatibility	BGP214: 0.041 m²
	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).
	Functional compatibility of 2 (SR certified) components/sensors to be used in combination as well as override possibility of any lineswitch function used in a SR based luminaire, is to be released by the master component/sensor supplier. For the use of NEMA 7pin socket on a SR based luminaire a full system verification is required. Not following these advises can/will cause risk of damage and non-compliance for which Signify cannot take any responsibility.

Versions



LumiStreet Small - LED
EconomyLine 1600 lm - 740
neutral white - Safety class II -
Distribution medium - Dimming via
external communication DALI -
Universal for diameter 48 to 60
mm adjustable



BGS212 - LED EconomyLine 4100
lm

Product details



UniStreet_Mini-BGP202-DP01.tif



UniStreet_Mini-BGP202-DP02.tif



UniStreet_Mini-BGP202-DP03.tif



UniStreet_Mini-BGP212-DP02.tif

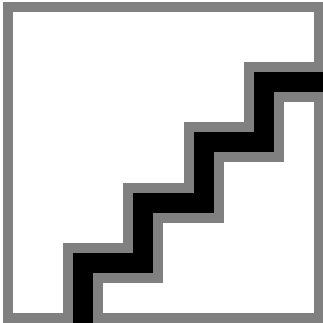


UniStreet_Mini-BGS212-DP.tif



LumiStreet_Mini-BGP212-2DPP.tif

Product details



LumiStreet_Mini-BGP202-1DPP.tif



LumiStreet_Mini-BGS212-DPP.tif

Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Philips standard surge protection level kV

General Information

Luminaire light beam spread	154°
CE mark	CE mark
Light source color	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Distribution medium

Initial Performance (IEC Compliant)

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

Light Technical

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

Mechanical and Housing

Color	Gray
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Application Conditions

Order Code	Full Product Name	Maximum dim level
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	Programmable
38196000	BGS212 ECO41/740 II 48/60A	-
38197700	BGS212 ECO59/740 II 48/60A	-
38198400	BGS212 ECO82/740 II 48/60A	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	Yes
38196000	BGS212 ECO41/740 II 48/60A	No

Order Code	Full Product Name	Dimmable
38197700	BGS212 ECO59/740 II 48/60A	No
38198400	BGS212 ECO82/740 II 48/60A	No

Operating and Electrical

Order Code	Full Product Name	Driver current
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	570 mA
38196000	BGS212 ECO41/740 II 48/60A	-

Order Code	Full Product Name	Driver current
38197700	BGS212 ECO59/740 II 48/60A	-
38198400	BGS212 ECO82/740 II 48/60A	-

General Information (1/2)

Order Code	Full Product Name	Supply cable type	Coating	Design Award	Glow-
				Winner mark	wire test
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	FQQ-2x1.5	-	Design Award Winner 2015	850/5
38196000	BGS212 ECO41/740 II 48/60A	No	-	-	-

Order Code	Full Product Name	Supply cable type	Coating	Design Award	Glow-
				Winner mark	wire test
38197700	BGS212 ECO59/740 II 48/60A	No	-	-	-
38198400	BGS212 ECO82/740 II 48/60A	No	-	-	-

General Information (2/2)

Order Code	Full Product Name	Lamp family code	Number of light sources	Product Family Code	ReddotDesign Award Winner mark
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	ECO58	3	BGP213	Reddot Design Award Winner 2015
38196000	BGS212 ECO41/740 II 48/60A	ECO41	1	BGS212	-

Order Code	Full Product Name	Lamp family code	Number of light sources	Product Family Code	ReddotDesign Award Winner mark
38197700	BGS212 ECO59/740 II 48/60A	ECO59	1	BGS212	-
38198400	BGS212 ECO82/740 II 48/60A	ECO82	1	BGS212	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	4788 lm
38196000	BGS212 ECO41/740 II 48/60A	4100 lm

Order Code	Full Product Name	Initial luminous flux
38197700	BGS212 ECO59/740 II 48/60A	5900 lm
38198400	BGS212 ECO82/740 II 48/60A	8200 lm

Light Technical

Order Code	Full Product Name	Scotopic/photopic lumen ratio
32023500	BGP213 ECO58/740 II DM CLO-DDF2 D18 FQQ-	1.6
38196000	BGS212 ECO41/740 II 48/60A	-

Order Code	Full Product Name	Scotopic/photopic lumen ratio
38197700	BGS212 ECO59/740 II 48/60A	-
38198400	BGS212 ECO82/740 II 48/60A	-

