



# 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customer who are preparing big renovation projects, TCO oriented.

### Benefits

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

- Basic, compact design
- High-quality components
- Wide choice of optics for increased application efficiency
- Low weight
- LumiStreet is also equipped with dedicated light recipes that: 1) maintain an optimal ecosystem for bats and 2) preserve a dark night sky. LumiStreet is also equipped with dedicated light recipes that preserve a dark night sky.

## Application

- Traffic routes
- Residential areas

## Warnings and Safety

- PLEASE NOTE LUMISTREET SMALL IS NOT AVAILABLE FOR SALE IN UK & IRELAND; SAME HAS BEEN REPLACED BY LUMISTREET MINI

## Specifications

<b>Type</b>	BGP212 (mini version)
	BGP213 (small version)
	BGP253 (medium version)
	BGP214 (large version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	5.9 to 146 W (depending on the version)
<b>Luminous flux</b>	Core
	Mini version: from 1,500 to 7,100 lm (system)
	Medium version: from 8,000 to 15,000 lm (system)
	Performer
	Mini version: from 700 to 5,300 lm (system)
	Medium version: from 5,000 to 11,700 lm (system)
	Large version: from 5,000 to 20,900 lm (system)
<b>Luminaire efficacy</b>	Up to 155 lm/W (depending on the version)
<b>Correlated Colour</b>	Core:
<b>Temperature</b>	Neutral white (NW): 4,000 K
	Performer
	Warm white (WW): 3,000 K
	Neutral white (NW): 4,000 K
<b>Colour Rendering Index</b>	NW: 70
	WW: 80
<b>Lumen maintenance at median useful life* 100,000 h</b>	Core: min L80
	Performer: up to L95
<b>Control gear failure rate at median useful life 100,000 h</b>	10%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-30 to +35 °C (wider range upon request)
<b>Driver</b>	Built-in (self-ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	LightWave CityTouch
	LineSwitch
	LumiStep
	DynaDimmer
	MainsDimming

<b>Options</b>	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)
<b>Optic</b>	Backlight louvre (BL1 and BL2) for mini and medium versions
	External Louvres
	Core version: Distribution Medium (DM) or Distribution Wide (DW)
	Performer version: Distribution Narrow (DN10), Distribution Medium (DM10, DM11, DM12, DM50), Distribution Wide (DW10)
<b>Material</b>	Other premium optics upon request
	Upper frame: die-cast aluminium, high-pressure
	Electric cover: die-cast aluminium, high-pressure
<b>Colour</b>	Cover: glass, thermally hardened
	Standard light grey, (RAL7035), other colours upon request
<b>Connection</b>	Screw connection block or as an option, an external IP connector
<b>Maintenance</b>	Opening cover with 4 screws
	The Philips Service tag will help to identify the product and share all product information on the spot
<b>Installation</b>	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
<b>SR compatibility</b>	BGP214: 0.041 m²
<b>SR compatibility</b>	For SR-based luminaires only SR-Certified components/sensors are to be used (see also: <a href="http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting">http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting</a> ).
	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.

Versions



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

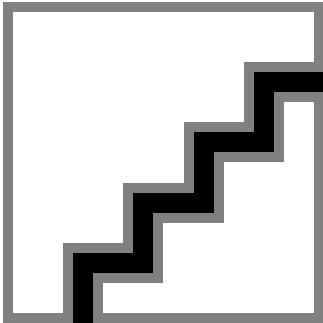


UniStreet\_Mini-BGS212-DP.tif



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

### Controls and Dimming

Dimmable	No
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### General Information

Luminaire light beam spread	154°
Supply cable type	No
CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	1
Optic type	Distribution medium
Product Family Code	BGS212

### 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	Grey
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### General Information

Order Code	Full Product Name	Lamp family code
38196000	BGS212 ECO41/740 II 48/60A	ECO41
38197700	BGS212 ECO59/740 II 48/60A	ECO59
38198400	BGS212 ECO82/740 II 48/60A	ECO82

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
38196000	BGS212 ECO41/740 II 48/60A	4100 lm
38197700	BGS212 ECO59/740 II 48/60A	5900 lm

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

