



# UniStreet – simple, cost-effective road-lighting range

## UniStreet

At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires. The compact, slim luminaire is made of quality recyclable materials. And being a LED solution, it requires little maintenance. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customers who are preparing big renovation projects, TCO oriented

### Benefits

- Substantial energy savings for a limited investment
- Point-to-point replacement of SOX, PL-L, SON or HPL conventional luminaires
- Low maintenance
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

### Features

- Wide choice of lumen packages, ranging from 600 up to 24,000 lumens
- Compact and slim luminaire made from quality recyclable materials
- Bulk packaging – reduced cost and waste materials
- UniStreet is also equipped with dedicated light recipes that: 1) maintain an optimal ecosystems for bats or 2) preserve a dark night sky UniStreet is also equipped with a dedicated light recipes that preserves a dark night sky.

## Application

- Residential areas
- Minor roads
- Major roads

## Specifications

<b>Type</b>	BGS/BGP202 (mini version)
	BGS/BGP203 (small version)
	BGS/BGP243 (medium version)
	BGS/BGP204 (large version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	5,9 to 144 W (depending on the version)
<b>Luminous flux</b>	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)
<b>Luminaire efficacy</b>	Up to 155 lm/W (depending on the version)
<b>Correlated Color</b>	Core:
<b>Temperature</b>	Neutral white (NW): 4000 K
	Performer
	Warm white (WW): 3000 K
	Neutral white (NW): 4000 K
<b>Color Rendering Index</b>	NW: 70
	WW: 80
<b>Lumen maintenance at median useful life*</b>	Core: min L80
	Performer: up to L95
<b>100000 h</b>	
<b>Control gear failure rate at median useful life</b>	10%
<b>100000 h</b>	
<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 (SR Ready)
	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

<b>Optic</b>	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>	Upper frame: die-cast aluminum, high-pressure
	Electric cover: plastic or die-cast aluminum
	Cover: glass, thermally hardened, 4 mm
<b>Color</b>	Upper frame: light grey (RAL7035), Other RAL or AKZO colors available on request
	Electric cover: plastic: signal grey (RAL7004) or Alloy light grey (RAL7035)
<b>Connection</b>	Screw connection block or as option an external IP connector
<b>Maintenance</b>	Opening 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: BGS203: 0.036 m²
<b>SR compatibility</b>	BGS204: 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 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



### Approval and Application

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

### Controls and Dimming

Dimmable	Yes
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### Operating and Electrical

Driver current	550 mA
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### General Information

Luminaire light beam spread	154°
Supply cable type	-
CE mark	CE mark
Coating	-
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
Lamp family code	LED94
Light source replaceable	Yes
Number of gear units	1 unit
Number of light sources	3 pcs
Optic type	Distribution medium
Product Family Code	BGP203

### Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial luminous flux	8084 lm

### Light Technical

Scotopic/photopic lumen ratio	1.6
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
910925452147	BGP203 LED94/740 I DM DDF2 48/60A	Programmable
910925452148	BGP203 LED94/740 I DM D9 48/60A	10%
910925452149	BGP203 LED94/740 II DM DDF2 48/60A	Programmable
910925452150	BGP203 LED94/740 II DM D9 48/60A	10%

