



# 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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.

### Benefits

- Substantial energy savings for a limited investment
- Point-to-point replacement of SOX, PL-L, SON or HPL conventional luminaires
- Low maintenance

### Features

- Wide choice of lumen packages, ranging from 1,000 up to 10,000 lumens
- Compact and slim luminaire made from quality recyclable materials
- Bulk packaging – reduced cost and waste materials

### Application

- Residential areas
- Minor 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 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 20 400 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*</b>	Core: min L80
	Performer: up to L95
<b>100,000 h</b>	
<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 (SR Ready)
	Constant light output (CLO)
	External cable 4, 6, 8, 10, 12, 15, 22 m
	Surge protection device (up to 10 kV)
	Backlight louvre (BL1 and BL2) for mini and medium versions
	External Louvres

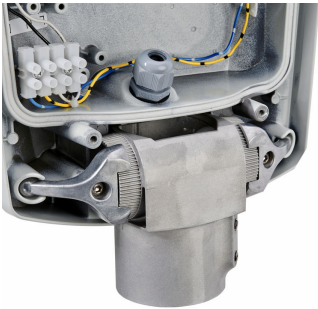
<b>Optic</b>	Core version: Distribution Medium (DM) or Distribution Wide (DW)
	Performer version: Distribution Narrow (DN10), Distribution Medium (DM10, DM11, DM12, DM50), Distribution Wide (DW10)
<b>Material</b>	Upper frame: die-cast aluminium, high-pressure
	Electric cover: plastic or die-cast aluminium
	Cover: glass, thermally hardened, 4 mm
<b>Colour</b>	Upper frame: light grey (RAL7035), other RAL or AKZO colours available on request
	Electric cover: plastic: signal grey (RAL7004) or Alloy light grey (RAL7035)
<b>Connection</b>	Screw connection block or as an 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
	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 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



UniStreet Small - LED module 4000 lm

Product details



OPDP\_BGP203i\_0003-Detail  
photo



OPDP\_BGP203i\_0009-Detail  
photo



OPDP\_BGP203i\_0011-Detail  
photo



### Approval and Application

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

### General Information

CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit

### 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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### Application Conditions

Order Code	Full Product Name	Maximum dim level
32128700	BGS203 LED40/740 I DM DDF P1 C8K 32/48A	Programmable
98816900	BGS204 LED120-4S/740 II DM11 76A	Not applicable

### Controls and Dimming

Order Code	Full Product Name	Dimmable
32128700	BGS203 LED40/740 I DM DDF P1 C8K 32/48A	Yes

Order Code	Full Product Name	Dimmable
98816900	BGS204 LED120-4S/740 II DM11 76A	No

### Operating and Electrical

Order Code	Full Product Name	Driver current
32128700	BGS203 LED40/740 I DM DDF P1 C8K 32/48A	590 mA

Order Code	Full Product Name	Driver current
98816900	BGS204 LED120-4S/740 II DM11 76A	-

### General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Supply cable type	Flammability	
				Coating	mark
32128700	BGS203 LED40/740 I DM	154°	FQQ-2x1.5	-	NO

Order Code	Full Product Name	Luminaire light beam spread	Supply cable type	Flammability	
				Coating	mark
	DDF P1 C8K 32/48A				
98816900	BGS204 LED120-4S/740 II DM11 76A	160° - 42° x 54°	-	-	F

### General Information (2/2)

Order Code	Full Product Name	Glow-wire test	Lamp family code	Number of light sources	Optic type	Product Family Code
32128700	BGS203 LED40/740 I	Temperature 650 °C, duration 5 s	LED40	2	Distribution medium	BGS203

Order Code	Full Product Name	Glow-wire test	Lamp family code	Number of light sources	Optic type	Product Family Code
	DM DDF P1 C8K 32/48A					
98816900	BGS204 LED120-4S/740 II DM11 76A	-	LED120S	-	Distribution medium 11	BGS204

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
32128700	BGS203 LED40/740 I DM DDF P1 C8K 32/48A	3485 lm

Order Code	Full Product Name	Initial luminous flux
98816900	BGS204 LED120-4S/740 II DM11 76A	10680 lm

### Light Technical

Order Code	Full Product Name	Scotopic/photopic lumen ratio
32128700	BGS203 LED40/740 I DM DDF P1 C8K 32/48A	1.6

Order Code	Full Product Name	Scotopic/photopic lumen ratio
98816900	BGS204 LED120-4S/740 II DM11 76A	-

