



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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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

### Features

- Wide choice of lumen packages, ranging from 1,000 up to 15,000 lumens
- Compact and slim luminaire made from quality recyclable materials
- Bulk packaging – reduced cost and waste materials

### Application

- Residential areas
- Minor roads
- Major roads

### Specifications

<b>Type</b>	BGS/BGP202 (mini version) BGS/BGP203 (small version) BGS/BGP204 (large version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	8 to 122 W (depending on the version)
<b>Luminous flux</b>	Nominal: Core: 1000 to 7800 lm (mini version) 1000 to 9000 lm (small version), up to 15,000 lm (large version) System: 900 to 7600 lm (small version), up to 12,800 lm (large)
<b>Luminaire efficacy</b>	91-142 lm/W (depending on the version)
<b>Correlated Color</b>	4000 K (3000 K upon request - Performer only)
<b>Temperature</b>	
<b>Color Rendering Index</b>	> 70 (4000 K) > 80 (3000 K) Performer only
<b>Useful life</b>	100,000 hours min L84B10 (Core), min L86B10 (Performer Small), min L88B10 (Performer Large) at 25° C ambient temperature
<b>Operating temperature range</b>	-30 to +35° C
<b>Driver</b>	Built-in (self-ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	LightWave LumiStep DynaDimmer

<b>Options</b>	Constant light output (CLO) External cable 4, 6, 8, 10 m Surge protection device (up to 10 kV) Backlight louver (BL1 and BL2)
<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 Cover: glass, thermally hardened, 4 mm
<b>Color</b>	Upper frame: light gray (RAL7035), other colors upon request Electric cover: signal gray (RAL7004)
<b>Connection</b>	Screw connection block or as option an external IP connector
<b>Maintenance</b>	Opening with screw
<b>Installation</b>	Side entry mounting: Ø 32-48 or 48-60 mm Post-top mounting: Ø 32-48, 48-60 or 76 mm Recommended mounting height: 4-12 m Standard tilt angle post top: +10 to -90° Max SCx: BGS203: 0.036 m² BGS204: 0.041 m²

## Versions

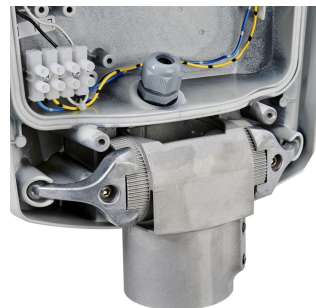


## Product details

Available in two sizes



Adjustable tilt angle



Product details



Screws open for installation and maintenance



Bottom view, small version



Spigot view



Side view

Application Conditions	
Average ambient temperature	25 °C
Approval and Application	
Mech. impact protection code	IK08
General Information	
Luminaire light beam spread	154°
Color	Gray
Coating	-
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 10 s
Light source replaceable	Yes
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Init. Corr. Color Temperature	4000
Light Technical	
Scotopic/photopic lumen ratio	1.6
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.5

Controls and Dimming

order code	Dimmable
910925439017	No
910925439018	Yes
910925439019	Yes
910925439020	Yes
910925439027	Yes
910925439028	Yes
910925439029	Yes
910925439036	Yes
910925439037	Yes
910925439102	No
910925439103	No
910925439035	Yes
910925452095	Yes
910925452096	Yes
910925452097	Yes
910925452098	Yes
910925452099	Yes
910925452101	Yes
910925452102	Yes
910925452103	Yes
910925452104	Yes
910925452105	Yes
910925452106	Yes
910925452107	Yes
910925452108	Yes

order code	Dimmable
910925452109	Yes
910925452110	Yes
910925452111	Yes
910925452151	Yes
910925452152	Yes
910925452153	Yes
910925452154	Yes
910925452205	Yes
910925452206	Yes
910925452207	Yes
910925452208	Yes
910925452209	Yes
910925452210	Yes
910925452211	Yes
910925452213	Yes
910925452214	Yes
910925452215	Yes
910925452216	Yes
910925452217	Yes
910925452218	Yes
910925452219	Yes
910925863462	Yes
910925863488	Yes
910925863489	Yes
910925863490	Yes
910925863491	Yes
910925863492	Yes
910925863493	Yes
910925863494	Yes
910925863495	Yes
910925863496	Yes
910925863497	Yes
910925863498	Yes
910925863499	Yes
910925452212	Yes
910925452220	Yes
910925452228	Yes
910925452236	Yes
910925452244	Yes
910925452252	Yes
910925452260	Yes
910925452268	Yes

**Operating and Electrical**

order code	Driver current
910925439017	590
910925439018	340
910925439019	590
910925439020	440
910925439027	340
910925439028	590

order code	Driver current
910925439029	440
910925439036	340
910925439037	590
910925439102	340
910925439103	590
910925439301	590

order code	Driver current
910925452095	640
910925452096	640
910925452097	445
910925452098	445
910925452099	520
910925452101	520
910925452102	570
910925452103	570
910925452104	320
910925452105	320
910925452106	385
910925452107	385
910925452108	445
910925452109	445
910925452110	506
910925452111	506
910925452151	700
910925452152	700
910925452153	700
910925452154	700
910925452205	340
910925452206	340
910925452207	340
910925452208	340
910925452209	340
910925452210	340
910925452211	340
910925452213	590

order code	Driver current
910925452214	590
910925452215	590
910925452216	590
910925452217	590
910925452218	590
910925452219	590
910925863462	340
910925863488	350
910925863489	350
910925863490	445
910925863491	445
910925863492	440
910925863493	440
910925863494	320
910925863495	320
910925863496	440
910925863497	440
910925863498	610
910925863499	610
910925452212	590
910925452220	440
910925452228	590
910925452236	500
910925452244	600
910925452252	680
910925452260	680
910925452268	640

General Information (1/2)

order code	Supply cable		Lamp family code	Number of light sources
	type	CE mark ENEC mark		
910925439017	-	CE mark ENEC mark	LED20	1 pc
910925439018	-	CE mark ENEC mark	LED12	1 pc
910925439019	-	CE mark ENEC mark	LED20	1 pc
910925439020	-	CE mark ENEC mark	LED30	2 pcs
910925439027	-	CE mark ENEC mark	LED12	1 pc
910925439028	-	CE mark ENEC mark	LED20	1 pc
910925439029	-	CE mark ENEC mark	LED30	2 pcs
910925439036	-	CE mark ENEC mark	LED12	1 pc
910925439037	-	CE mark ENEC mark	LED20	1 pc
910925439102	-	CE mark ENEC mark	LED12	1 pc
910925439103	-	CE mark ENEC mark	LED20	1 pc
910925439301	Cable type FQQ without plug 2 poles cross-section 1.5 mm <sup>2</sup>	CE mark ENEC mark	LED40	2 pcs
910925452095	-	-	LED100	2 pcs
910925452096	-	-	LED100	2 pcs
910925452097	-	-	LED120	2 pcs

order code	Supply cable		Lamp family code	Number of light sources
	type	CE mark ENEC mark		
910925452098	-	-	LED120	2 pcs
910925452099	-	-	LED139	2 pcs
910925452101	-	-	LED139	2 pcs
910925452102	-	-	LED149	2 pcs
910925452103	-	-	LED149	2 pcs
910925452104	-	-	LED60	2 pcs
910925452105	-	-	LED60	2 pcs
910925452106	-	-	LED70	2 pcs
910925452107	-	-	LED70	2 pcs
910925452108	-	-	LED80	2 pcs
910925452109	-	-	LED80	2 pcs
910925452110	-	-	LED90	2 pcs
910925452111	-	-	LED90	2 pcs
910925452151	-	CE mark ENEC mark	LED110	4 pcs
910925452152	-	CE mark ENEC mark	LED110	4 pcs
910925452153	-	CE mark ENEC mark	LED110	4 pcs
910925452154	-	CE mark ENEC mark	LED110	4 pcs
910925452205	-	CE mark ENEC mark	LED12	1 pc
910925452206	-	CE mark ENEC mark	LED12	1 pc

order code	Supply cable		Lamp family code	Number of light sources
	type	CE mark ENEC mark		
910925452207	-	CE mark ENEC mark	LED12	1 pc
910925452208	-	CE mark ENEC mark	LED12	1 pc
910925452209	-	CE mark ENEC mark	LED12	1 pc
910925452210	-	CE mark ENEC mark	LED12	1 pc
910925452211	-	CE mark ENEC mark	LED12	1 pc
910925452213	-	CE mark ENEC mark	LED20	1 pc
910925452214	-	CE mark ENEC mark	LED20	1 pc
910925452215	-	CE mark ENEC mark	LED20	1 pc
910925452216	-	CE mark ENEC mark	LED20	1 pc
910925452217	-	CE mark ENEC mark	LED20	1 pc
910925452218	-	CE mark ENEC mark	LED20	1 pc
910925452219	-	CE mark ENEC mark	LED20	1 pc
910925863462	-	CE mark ENEC mark	LED12	1 pc
910925863488	-	-	LED module 1600 lm	1 pc
910925863489	-	-	LED module 1600 lm	1 pc
910925863490	-	-	LED20	1 pc

order code	Supply cable		Lamp family code	Number of light sources
	type	CE mark ENEC mark		
910925863491	-	-	LED20	1 pc
910925863492	-	-	LED30	2 pcs
910925863493	-	-	LED30	2 pcs
910925863494	-	-	LED45	2 pcs
910925863495	-	-	LED45	2 pcs
910925863496	-	-	LED59	2 pcs
910925863497	-	-	LED59	2 pcs
910925863498	-	-	LED79	2 pcs
910925863499	-	-	LED79	2 pcs
910925452212	-	CE mark ENEC mark	LED20	1 pc
910925452220	-	CE mark ENEC mark	LED30	2 pcs
910925452228	-	CE mark ENEC mark	LED40	2 pcs
910925452236	-	CE mark ENEC mark	LED50	3 pcs
910925452244	-	CE mark ENEC mark	LED60	3 pcs
910925452252	-	CE mark ENEC mark	LED100	5 pcs
910925452260	-	CE mark ENEC mark	LED120	6 pcs
910925452268	-	CE mark ENEC mark	LED80	4 pcs

General Information (2/2)

order code	Optic type	Product Family Code
910925439017	Distribution medium	BGS203
910925439018	Distribution medium	BGS203
910925439019	Distribution medium	BGS203
910925439020	Distribution medium	BGS203
910925439027	Distribution medium	BGS203
910925439028	Distribution medium	BGS203
910925439029	Distribution medium	BGS203
910925439036	Distribution medium	BGS203
910925439037	Distribution medium	BGS203
910925439102	Distribution wide	BGS203
910925439103	Distribution wide	BGS203
910925439301	Distribution medium	BGS203
910925452095	Distribution medium	BGP204
910925452096	Distribution medium	BGP204
910925452097	Distribution medium	BGP204
910925452098	Distribution medium	BGP204
910925452099	Distribution medium	BGP204
910925452101	Distribution medium	BGP204
910925452102	Distribution medium	BGP204
910925452103	Distribution medium	BGP204
910925452104	Distribution medium	BGP204
910925452105	Distribution medium	BGP204
910925452106	Distribution medium	BGP204
910925452107	Distribution medium	BGP204
910925452108	Distribution medium	BGP204
910925452109	Distribution medium	BGP204
910925452110	Distribution medium	BGP204
910925452111	Distribution medium	BGP204
910925452151	Distribution medium	BGP203

order code	Optic type	Product Family Code
910925452152	Distribution medium	BGP203
910925452153	Distribution medium	BGP203
910925452154	Distribution medium	BGP203
910925452205	Distribution medium	BGP203
910925452206	Distribution wide	BGP203
910925452207	Distribution wide	BGP203
910925452208	Distribution medium	BGP203
910925452209	Distribution medium	BGP203
910925452210	Distribution wide	BGP203
910925452211	Distribution wide	BGP203
910925452213	Distribution medium	BGP203
910925452214	Distribution wide	BGP203
910925452215	Distribution wide	BGP203
910925452216	Distribution medium	BGP203
910925452217	Distribution medium	BGP203
910925452218	Distribution wide	BGP203
910925452219	Distribution wide	BGP203
910925863462	Distribution medium	BGP203
910925863488	Distribution medium	BGP203
910925863489	Distribution medium	BGP203
910925863490	Distribution medium	BGP203
910925863491	Distribution medium	BGP203
910925863492	Distribution medium	BGP203
910925863493	Distribution medium	BGP203
910925863494	Distribution medium	BGP203
910925863495	Distribution medium	BGP203
910925863496	Distribution medium	BGP203
910925863497	Distribution medium	BGP203
910925863498	Distribution medium	BGP203

order code	Optic type	Product Family Code
910925863499	Distribution medium	BGP203
910925452212	Distribution medium	BGP203
910925452220	Distribution medium	BGP203
910925452228	Distribution medium	BGP203
910925452236	Distribution medium	BGP203

order code	Optic type	Product Family Code
910925452244	Distribution medium	BGP203
910925452252	Distribution medium	BGP204
910925452260	Distribution medium	BGP204
910925452268	Distribution medium	BGP204

**Initial Performance (IEC Compliant)**

order code	Initial luminous flux
910925439017	1774
910925439018	836
910925439019	1446
910925439020	2134
910925439027	836
910925439028	1446
910925439029	2134
910925439036	836
910925439037	1446
910925439102	1008
910925439103	1743
910925439301	3485
910925452095	8498
910925452096	8498
910925452097	10131
910925452098	10131
910925452099	11656
910925452101	11656
910925452102	12441
910925452103	12441
910925452104	5245
910925452105	5245
910925452106	6099
910925452107	6099
910925452108	6952
910925452109	6952
910925452110	7790
910925452111	7790
910925452151	10062
910925452152	10062
910925452153	10062
910925452154	10062
910925452205	1032
910925452206	1008

order code	Initial luminous flux
910925452207	1008
910925452208	1032
910925452209	1032
910925452210	1008
910925452211	1008
910925452213	1785
910925452214	1743
910925452215	1743
910925452216	1785
910925452217	1785
910925452218	1743
910925452219	1743
910925863462	1032
910925863488	1390
910925863489	1390
910925863490	1738
910925863491	1738
910925863492	2602
910925863493	2602
910925863494	3888
910925863495	3888
910925863496	5106
910925863497	5106
910925863498	6773
910925863499	6773
910925452212	1785
910925452220	2635
910925452228	3485
910925452236	4250
910925452244	5160
910925452252	9350
910925452260	11050
910925452268	7221

