



# 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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

<b>Type</b>	BGP213 (small version)
	BGP214 (large version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	10 to 107 W
<b>Luminous flux</b>	1000 to 10,000 lm
<b>Luminaire efficacy</b>	Up to 105 lm/W
<b>Correlated Color</b>	4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	> 70
<b>Maintenance of lumen output - L80F10</b>	60,000 hours at Ta=25 °C
<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>	LumiStep
	DynaDimmer
	Mains dimming
<b>Options</b>	Constant light output (CLO)
	External dimming via DALI (D9)
	External dimming via 1-10 V (D7)
	External cable 4, 6, 8, 10 m
	Surge protection device (up to 10 kV)

<b>Optic</b>	Distribution medium (DM) or wide (DW)
<b>Optical cover</b>	Glass, clear
<b>Material</b>	Upper frame: die-cast aluminum, high-pressure
	Electric cover: die-cast aluminum, high-pressure
	Cover: glass, thermally hardened
<b>Color</b>	Gray, RAL7035
<b>Connection</b>	Screw connection block
<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: - BGP213: 0.036 m² - BGP214: 0.041 m²

## Versions



## Application Conditions

Maximum dim level	0% (digital)
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## Approval and Application

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

## Controls and Dimming

Dimmable	Yes
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## General Information

Luminaire light beam spread	15° - 31° x 54°
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
Optic type	Distribution medium

## 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	Gray
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## Operating and Electrical

Order Code	Full Product Name	Driver current
34855000	BGP213 LED14-4S/740 I DM50 D9 48/60A	301 mA
34873400	BGP213 LED14-4S/740 II DM50 D9 48/60A	301 mA
34874100	BGP213 LED18-4S/740 I DM50 D9 48/60A	395 mA
34875800	BGP213 LED18-4S/740 II DM50 D9 48/60A	395 mA
34876500	BGP213 LED22-4S/740 I DM50 D9 48/60A	494 mA
34877200	BGP213 LED22-4S/740 II DM50 D9 48/60A	494 mA
34878900	BGP213 LED27-4S/740 I DM50 D9 48/60A	289 mA
34879600	BGP213 LED27-4S/740 II DM50 D9 48/60A	289 mA
34880200	BGP213 LED39-4S/740 I DM50 D9 48/60A	437 mA
34881900	BGP213 LED39-4S/740 II DM50 D9 48/60A	437 mA
34882600	BGP213 LED49-4S/740 I DM50 D9 48/60A	563 mA
34883300	BGP213 LED49-4S/740 II DM50 D9 48/60A	563 mA
34884000	BGP213 LED65-4S/740 I DM50 D9 48/60A	353 mA
34885700	BGP213 LED65-4S/740 II DM50 D9 48/60A	353 mA
34889500	BGP214 LED139-4S/740 II DM50 D9 48/60A	-
34893200	BGP214 LED64-4S/740 II DM50 D9 48/60A	-
34886400	BGP214 LED109-4S/740 I DM50 D9 48/60A	-
34890100	BGP214 LED149-4S/740 I DM50 D9 48/60A	-
34894900	BGP214 LED84-4S/740 I DM50 D9 48/60A	-
34888800	BGP214 LED139-4S/740 I DM50 D9 48/60A	-
34892500	BGP214 LED64-4S/740 I DM50 D9 48/60A	-
34887100	BGP214 LED109-4S/740 II DM50 D9 48/60A	-
34891800	BGP214 LED149-4S/740 II DM50 D9 48/60A	-
34895600	BGP214 LED84-4S/740 II DM50 D9 48/60A	-

## General Information (1/2)

Order Code	Full Product Name	Supply cable type	Coating	Glow-wire test	Lamp family code
34855000	BGP213 LED14-4S/740 I DM50 D9 48/60A	No	-	850/5	LED14
34873400	BGP213 LED14-4S/740 II DM50 D9 48/60A	No	-	850/5	LED14
34874100	BGP213 LED18-4S/740 I DM50 D9 48/60A	No	-	850/5	LED18
34875800	BGP213 LED18-4S/740 II DM50 D9 48/60A	No	-	850/5	LED18
34876500	BGP213 LED22-4S/740 I DM50 D9 48/60A	No	-	850/5	LED22
34877200	BGP213 LED22-4S/740 II DM50 D9 48/60A	No	-	850/5	LED22

Order Code	Full Product Name	Supply cable type	Coating	Glow-wire test	Lamp family code
34878900	BGP213 LED27-4S/740 I DM50 D9 48/60A	No	-	850/5	LED27
34879600	BGP213 LED27-4S/740 II DM50 D9 48/60A	No	-	850/5	LED27
34880200	BGP213 LED39-4S/740 I DM50 D9 48/60A	No	-	850/5	LED39
34881900	BGP213 LED39-4S/740 II DM50 D9 48/60A	No	-	850/5	LED39
34882600	BGP213 LED49-4S/740 I DM50 D9 48/60A	No	-	850/5	LED49
34883300	BGP213 LED49-4S/740 II DM50 D9 48/60A	No	-	850/5	LED49

Order Code	Full Product Name	Supply cable		Glow-wire test	Lamp family code
		type	Coating		
34884000	BGP213 LED65-4S/740 I DM50 D9 48/60A	No	-	850/5	LED65
34885700	BGP213 LED65-4S/740 II DM50 D9 48/60A	No	-	850/5	LED65
34889500	BGP214 LED139-4S/740 II DM50 D9 48/60A	-	-	-	LED139
34893200	BGP214 LED64-4S/740 II DM50 D9 48/60A	-	-	-	LED64
34886400	BGP214 LED109-4S/740 I DM50 D9 48/60A	-	-	-	LED100
34890100	BGP214 LED149-4S/740 I DM50 D9 48/60A	-	-	-	LED149

Order Code	Full Product Name	Supply cable		Glow-wire test	Lamp family code
		type	Coating		
34894900	BGP214 LED84-4S/740 I DM50 D9 48/60A	-	-	-	LED84
34888800	BGP214 LED139-4S/740 I DM50 D9 48/60A	-	-	-	LED139
34892500	BGP214 LED64-4S/740 I DM50 D9 48/60A	-	-	-	LED64
34887100	BGP214 LED109-4S/740 II DM50 D9 48/60A	-	-	-	LED100
34891800	BGP214 LED149-4S/740 II DM50 D9 48/60A	-	-	-	LED149
34895600	BGP214 LED84-4S/740 II DM50 D9 48/60A	-	-	-	LED84

General Information (2/2)

Order Code	Full Product Name	Number of light sources	Product Family Code
34855000	BGP213 LED14-4S/740 I DM50 D9 48/60A	1	BGP213
34873400	BGP213 LED14-4S/740 II DM50 D9 48/60A	1	BGP213
34874100	BGP213 LED18-4S/740 I DM50 D9 48/60A	1	BGP213
34875800	BGP213 LED18-4S/740 II DM50 D9 48/60A	1	BGP213
34876500	BGP213 LED22-4S/740 I DM50 D9 48/60A	1	BGP213
34877200	BGP213 LED22-4S/740 II DM50 D9 48/60A	1	BGP213
34878900	BGP213 LED27-4S/740 I DM50 D9 48/60A	1	BGP213
34879600	BGP213 LED27-4S/740 II DM50 D9 48/60A	1	BGP213
34880200	BGP213 LED39-4S/740 I DM50 D9 48/60A	1	BGP213
34881900	BGP213 LED39-4S/740 II DM50 D9 48/60A	1	BGP213
34882600	BGP213 LED49-4S/740 I DM50 D9 48/60A	1	BGP213
34883300	BGP213 LED49-4S/740 II DM50 D9 48/60A	1	BGP213

Order Code	Full Product Name	Number of light sources	Product Family Code
34884000	BGP213 LED65-4S/740 I DM50 D9 48/60A	2	BGP213
34885700	BGP213 LED65-4S/740 II DM50 D9 48/60A	2	BGP213
34889500	BGP214 LED139-4S/740 II DM50 D9 48/60A	-	BGP214
34893200	BGP214 LED64-4S/740 II DM50 D9 48/60A	-	BGP214
34886400	BGP214 LED109-4S/740 I DM50 D9 48/60A	-	BGP214
34890100	BGP214 LED149-4S/740 I DM50 D9 48/60A	-	BGP214
34894900	BGP214 LED84-4S/740 I DM50 D9 48/60A	-	BGP214
34888800	BGP214 LED139-4S/740 I DM50 D9 48/60A	-	BGP214
34892500	BGP214 LED64-4S/740 I DM50 D9 48/60A	-	BGP214
34887100	BGP214 LED109-4S/740 II DM50 D9 48/60A	-	BGP214
34891800	BGP214 LED149-4S/740 II DM50 D9 48/60A	-	BGP214
34895600	BGP214 LED84-4S/740 II DM50 D9 48/60A	-	BGP214

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
34855000	BGP213 LED14-4S/740 I DM50 D9 48/60A	1204 lm
34873400	BGP213 LED14-4S/740 II DM50 D9 48/60A	1204 lm
34874100	BGP213 LED18-4S/740 I DM50 D9 48/60A	1548 lm
34875800	BGP213 LED18-4S/740 II DM50 D9 48/60A	1548 lm
34876500	BGP213 LED22-4S/740 I DM50 D9 48/60A	1892 lm
34877200	BGP213 LED22-4S/740 II DM50 D9 48/60A	1892 lm
34878900	BGP213 LED27-4S/740 I DM50 D9 48/60A	2322 lm
34879600	BGP213 LED27-4S/740 II DM50 D9 48/60A	2322 lm
34880200	BGP213 LED39-4S/740 I DM50 D9 48/60A	3315 lm
34881900	BGP213 LED39-4S/740 II DM50 D9 48/60A	3315 lm
34882600	BGP213 LED49-4S/740 I DM50 D9 48/60A	4165 lm
34883300	BGP213 LED49-4S/740 II DM50 D9 48/60A	4165 lm

Order Code	Full Product Name	Initial luminous flux
34884000	BGP213 LED65-4S/740 I DM50 D9 48/60A	5610 lm
34885700	BGP213 LED65-4S/740 II DM50 D9 48/60A	5610 lm
34889500	BGP214 LED139-4S/740 II DM50 D9 48/60A	12040 lm
34893200	BGP214 LED64-4S/740 II DM50 D9 48/60A	5632 lm
34886400	BGP214 LED109-4S/740 I DM50 D9 48/60A	9460 lm
34890100	BGP214 LED149-4S/740 I DM50 D9 48/60A	12900 lm
34894900	BGP214 LED84-4S/740 I DM50 D9 48/60A	7308 lm
34888800	BGP214 LED139-4S/740 I DM50 D9 48/60A	12040 lm
34892500	BGP214 LED64-4S/740 I DM50 D9 48/60A	5632 lm
34887100	BGP214 LED109-4S/740 II DM50 D9 48/60A	9460 lm
34891800	BGP214 LED149-4S/740 II DM50 D9 48/60A	12900 lm
34895600	BGP214 LED84-4S/740 II DM50 D9 48/60A	7308 lm

Light Technical

Order Code	Full Product Name	Scotopic/photopic lumen ratio
34855000	BGP213 LED14-4S/740 I DM50 D9 48/60A	1.6
34873400	BGP213 LED14-4S/740 II DM50 D9 48/60A	1.6
34874100	BGP213 LED18-4S/740 I DM50 D9 48/60A	1.6
34875800	BGP213 LED18-4S/740 II DM50 D9 48/60A	1.6
34876500	BGP213 LED22-4S/740 I DM50 D9 48/60A	1.6
34877200	BGP213 LED22-4S/740 II DM50 D9 48/60A	1.6
34878900	BGP213 LED27-4S/740 I DM50 D9 48/60A	1.6
34879600	BGP213 LED27-4S/740 II DM50 D9 48/60A	1.6
34880200	BGP213 LED39-4S/740 I DM50 D9 48/60A	1.6
34881900	BGP213 LED39-4S/740 II DM50 D9 48/60A	1.6
34882600	BGP213 LED49-4S/740 I DM50 D9 48/60A	1.6
34883300	BGP213 LED49-4S/740 II DM50 D9 48/60A	1.6

Order Code	Full Product Name	Scotopic/photopic lumen ratio
34884000	BGP213 LED65-4S/740 I DM50 D9 48/60A	1.6
34885700	BGP213 LED65-4S/740 II DM50 D9 48/60A	1.6
34889500	BGP214 LED139-4S/740 II DM50 D9 48/60A	-
34893200	BGP214 LED64-4S/740 II DM50 D9 48/60A	-
34886400	BGP214 LED109-4S/740 I DM50 D9 48/60A	-
34890100	BGP214 LED149-4S/740 I DM50 D9 48/60A	-
34894900	BGP214 LED84-4S/740 I DM50 D9 48/60A	-
34888800	BGP214 LED139-4S/740 I DM50 D9 48/60A	-
34892500	BGP214 LED64-4S/740 I DM50 D9 48/60A	-
34887100	BGP214 LED109-4S/740 II DM50 D9 48/60A	-
34891800	BGP214 LED149-4S/740 II DM50 D9 48/60A	-
34895600	BGP214 LED84-4S/740 II DM50 D9 48/60A	-

