



Get your city ready for the future with DigiStreet

DigiStreet

Developed with the aim of becoming your long-term partner, the system-ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come! Its two sockets enable you to connect directly to the Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain optimal ecosystems for bats or 2) preserve a dark night sky.

Benefits

- An optimised solution for road and street applications, saving up to 80% energy compared with conventional luminaires
- Easy luminaire identification to make maintenance easier and quicker
- Future-proof upgrade to tele-management and sensors

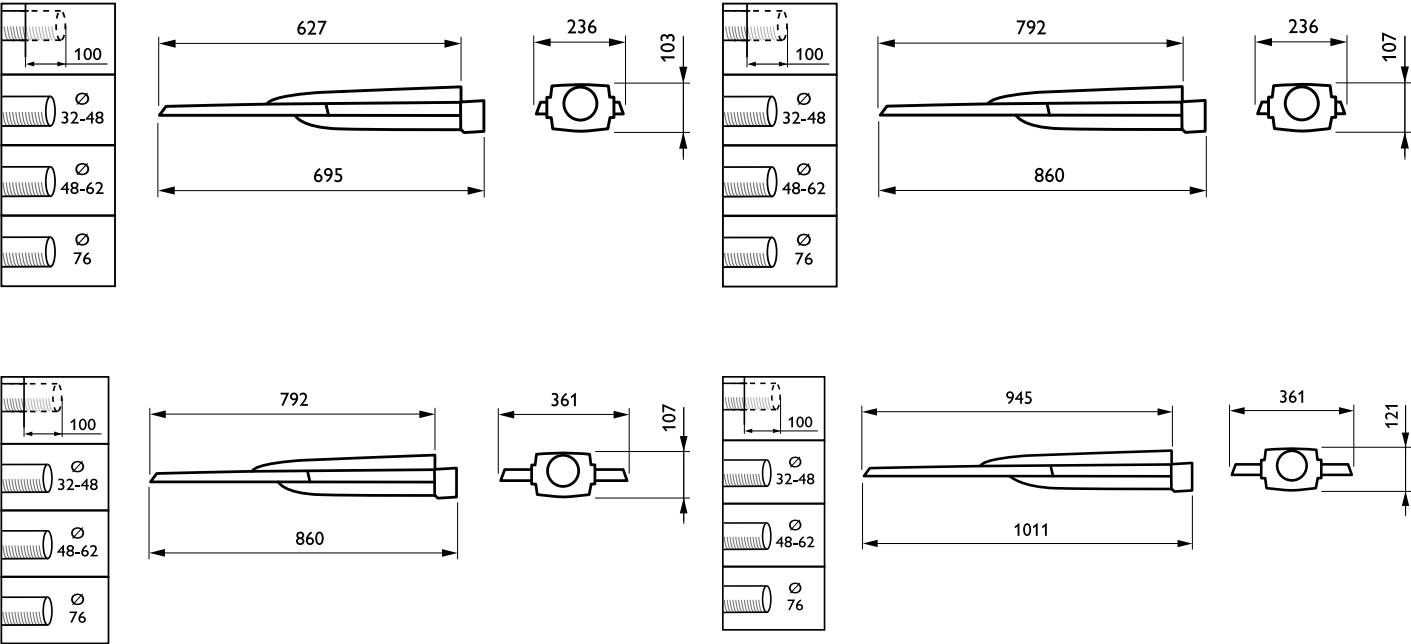
Features

- System lumen from 1,000 to 24,000 lm Up to 147 lm/W Choice of 21 optics Internal louvre (optional)
- IP66
- IK09
- 10 kV surge protection
- 100,000 hours lifetime @ L90B10
- Philips Service tag

Application

- Traffic routes and main access road
- Urban and residential areas
- City centres and high streets
- Cycle paths, footpaths and pedestrian crossings

Dimensional drawing



Product details

Digistreet-BGP760-DP06.tif



Digistreet-BGP760-DP09.tif



Product details

Digistreet-BGP760-DP10.tif



Digistreet-BGP760-DP11.tif



Digistreet-BGP761-DP17.tif



Digistreet-BGP761-DP18.tif



Digistreet-BGP761-DP19.tif



Digistreet-BGP761-DP20.tif



Digistreet-BGP761-DP21.tif



Digistreet-BGP761-DP22.tif



Product details



Digistreet-BGP761-DP23.tif



Digistreet-BGP761-DP24.tif



Digistreet-BGP761-DP25.tif



Digistreet-BGP761-DP26.tif

General Information

CE mark	Yes
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes

Light Technical

Light source colour	740 neutral white
Correlated Colour Temperature	4000 K
Optical cover type	Flat glass
Colour rendering index (CRI)	70
Standard tilt angle side entry	0°
Standard tilt angle post-top	0°
Upwards light output ratio	0

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Colour	Dark grey
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Approval and Application

Mech. impact protection code	IK09
Ingress protection code	IP66
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

Application Conditions

Maximum dim level	Not applicable
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General Information (1/2)

Order Code	Full Product Name	Gear	Glow-wire test	Lamp family code	Number of gear units
37828100	BGP762 LED129-/740 I DM11 DGR 32-48	-	-	LED129	Unit
37832800	BGP762 LED169-/740 I DS50 DGR 62	-	-	LED169	Unit
37826700	BGP762 LED110-/740 I DN10 DGR 32-48	-	-	LED110	Unit
37830400	BGP762 LED149-/740 I DM50 DGR 32-48	-	-	LED149	Unit
37834200	BGP762 LED180-/740 I DX10 DGR 32-48	-	-	LED180	Unit
37836600	BGP762 LED200-/740 I DW50 DGR 62	-	-	LED200	Unit
37679900	BGP760 LED10-/740 I DM10 DGR 32-48	EB	Temperature 650 °C, duration 5 s	LED10	Unit
37681200	BGP760 LED14-/740 I DN10 DGR 32-48	EB	Temperature 650 °C, duration 5 s	LED14	Unit
37687400	BGP760 LED27-/740 I DS50 DGR 32-48	EB	Temperature 650 °C, duration 5 s	LED27	Unit
37689800	BGP760 LED34-/740 I DX10 DGR 32-48	EB	Temperature 650 °C, duration 5 s	LED34	Unit
37691100	BGP760 LED44-/740 I DW50 DGR 32-48	EB	Temperature 650 °C, duration 5 s	LED44	Unit
37842700	BGP763 LED300-/740 I DW50 DGR 62	-	-	LED300	2 units
37840300	BGP763 LED260-/740 I DX10 DGR 32-48	-	-	LED260	2 units
37693500	BGP761 LED45-/740 I DM10 DGR 32-48	-	-	LED45	Unit
37699700	BGP761 LED74-/740 I DM50 DGR 32-48	-	-	LED74	Unit
37703100	BGP761 LED94-/740 I DX10 DGR 32-48	-	-	LED94	Unit
37695900	BGP761 LED55-/740 I DN10 DGR 32-48	-	-	LED55	Unit
37701700	BGP761 LED84-/740 I DS50 DGR 32-48	-	-	LED84	Unit

General Information (2/2)

Order Code	Full Product Name	Product family code	Order Code	Full Product Name	Product family code
37828100	BGP762 LED129-/740 I DM11 DGR 32-48	BGP762	37689800	BGP760 LED34-/740 I DX10 DGR 32-48	BGP760
37832800	BGP762 LED169-/740 I DS50 DGR 62	BGP762	37691100	BGP760 LED44-/740 I DW50 DGR 32-48	BGP760
37826700	BGP762 LED110-/740 I DN10 DGR 32-48	BGP762	37842700	BGP763 LED300-/740 I DW50 DGR 62	BGP763
37830400	BGP762 LED149-/740 I DM50 DGR 32-48	BGP762	37840300	BGP763 LED260-/740 I DX10 DGR 32-48	BGP763
37834200	BGP762 LED180-/740 I DX10 DGR 32-48	BGP762	37693500	BGP761 LED45-/740 I DM10 DGR 32-48	BGP761
37836600	BGP762 LED200-/740 I DW50 DGR 62	BGP762	37699700	BGP761 LED74-/740 I DM50 DGR 32-48	BGP761
37679900	BGP760 LED10-/740 I DM10 DGR 32-48	BGP760	37703100	BGP761 LED94-/740 I DX10 DGR 32-48	BGP761
37681200	BGP760 LED14-/740 I DN10 DGR 32-48	BGP760	37695900	BGP761 LED55-/740 I DN10 DGR 32-48	BGP761
37687400	BGP760 LED27-/740 I DS50 DGR 32-48	BGP760	37701700	BGP761 LED84-/740 I DS50 DGR 32-48	BGP761

Light Technical

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Number of light sources	Optic type outdoor
37828100	BGP762 LED129-/740 I DM11 DGR 32-48	160° x 42° x 54°	11,830 lm	-	Distribution medium 11
37832800	BGP762 LED169-/740 I DS50 DGR 62	32° x 29°	14,960 lm	-	Distribution symmetrical 50
37826700	BGP762 LED110-/740 I DN10 DGR 32-48	68° x 158°	10,010 lm	-	Distribution narrow 10
37830400	BGP762 LED149-/740 I DM50 DGR 32-48	154° x 31° x 54°	13,500 lm	-	Distribution medium 50
37834200	BGP762 LED180-/740 I DX10 DGR 32-48	150° x 43° x 67°	15,480 lm	-	Distribution extra-wide 10
37836600	BGP762 LED200-/740 I DW50 DGR 62	152° x 24° x 66°	17,200 lm	-	Distribution wide 50
37679900	BGP760 LED10-/740 I DM10 DGR 32-48	157° x 33° x 55°	900 lm	1	Distribution medium 10
37681200	BGP760 LED14-/740 I DN10 DGR 32-48	68° x 157°	1,274 lm	1	Distribution narrow 10
37687400	BGP760 LED27-/740 I DS50 DGR 32-48	32° x 29°	2,403 lm	1	Distribution symmetrical 50
37689800	BGP760 LED34-/740 I DX10 DGR 32-48	150° x 43° x 67°	2,958 lm	1	Distribution extra-wide 10

Order Code	Full Product Name	Luminaire light beam spread	Luminous Flux	Number of light sources	Optic type outdoor
37691100	BGP760 LED44-/740 I DW50 DGR 32-48	152° x 24° x 66°	3,784 lm	1	Distribution wide 50
37842700	BGP763 LED300-/740 I DW50 DGR 62	152° x 24° x 66°	25,200 lm	-	Distribution wide 50
37840300	BGP763 LED260-/740 I DX10 DGR 32-48	150° x 43° x 67°	22,100 lm	-	Distribution extra-wide 10
37693500	BGP761 LED45-/740 I DM10 DGR 32-48	157° x 33° x 55°	4,050 lm	-	Distribution medium 10
37699700	BGP761 LED74-/740 I DM50 DGR 32-48	154° x 31° x 54°	6,660 lm	-	Distribution medium 50
37703100	BGP761 LED94-/740 I DX10 DGR 32-48	150° x 43° x 67°	8,084 lm	-	Distribution extra-wide 10
37695900	BGP761 LED55-/740 I DN10 DGR 32-48	68° x 157°	5,096 lm	-	Distribution narrow 10
37701700	BGP761 LED84-/740 I DS50 DGR 32-48	32° x 29°	7,392 lm	-	Distribution symmetrical 50

Operating and Electrical

Order Code	Full Product Name	Power Consumption
37828100	BGP762 LED129-/740 I DM11 DGR 32-48	72 W
37832800	BGP762 LED169-/740 I DS50 DGR 62	98 W
37826700	BGP762 LED110-/740 I DN10 DGR 32-48	61 W
37830400	BGP762 LED149-/740 I DM50 DGR 32-48	85 W
37834200	BGP762 LED180-/740 I DX10 DGR 32-48	100 W
37836600	BGP762 LED200-/740 I DW50 DGR 62	114 W
37679900	BGP760 LED10-/740 I DM10 DGR 32-48	6.8 W
37681200	BGP760 LED14-/740 I DN10 DGR 32-48	9 W
37687400	BGP760 LED27-/740 I DS50 DGR 32-48	16 W

Order Code	Full Product Name	Power Consumption
37689800	BGP760 LED34-/740 I DX10 DGR 32-48	20 W
37691100	BGP760 LED44-/740 I DW50 DGR 32-48	26 W
37842700	BGP763 LED300-/740 I DW50 DGR 62	176 W
37840300	BGP763 LED260-/740 I DX10 DGR 32-48	150 W
37693500	BGP761 LED45-/740 I DM10 DGR 32-48	27 W
37699700	BGP761 LED74-/740 I DM50 DGR 32-48	43.5 W
37703100	BGP761 LED94-/740 I DX10 DGR 32-48	54 W
37695900	BGP761 LED55-/740 I DN10 DGR 32-48	31.5 W
37701700	BGP761 LED84-/740 I DS50 DGR 32-48	49.5 W

Polar Wide Diagrams

Polar Normal (separate) - BGP761I -
910925866232

Polar Normal (separate) - BGP761I -
910925866242

Polar Normal (separate) - BGP762I -
910925866225

Polar Normal (separate) - BGP763I -
910925866249

Polar Normal (separate) - BGP760I -
910925863562

Polar Normal (separate) - BGP760I -
910925863564

Polar Normal (separate) - BGP760I -
910925863554

Polar Normal (separate) - BGP760I -
910925863566

Polar Normal (separate) - BGP762I -
910925866223

Polar Wide Diagrams

Polar Normal (separate) - BGP761I -
910925866230

Polar Normal (separate) - BGP763I -
910925866250

Polar Normal (separate) - BGP762I -
910925866224

Polar Normal (separate) - BGP761I -
910925866235

Polar Normal (separate) - BGP762I -
910925866222

Polar Normal (separate) - BGP761I -
910925866234

Polar Normal (separate) - BGP762I -
910925866226

Polar Normal (separate) - BGP762I -
910925866245

Polar Normal (separate) - BGP760I -
910925863556

