



Versatile and cost-efficient LED lighting

ClearWay gen2

The ClearWay Gen2 enables you to enjoy the benefits of LED technology for urban lighting right from the start. This new second generation of the luminaire builds on the strengths of its predecessor and is designed to further minimise your Total Cost of Ownership. The ClearWay Gen2 significantly improves the most important aspects of the street-lighting experience compared to conventional urban lighting. Ideal for new streets and for renovating existing installations, this affordable range of urban ClearWay lighting solutions combines clean design, high-quality light with significant energy and maintenance savings. In short, ClearWay Gen2 means good-quality light with all the added benefits of LED – energy savings and long lifetime. Offering more benefits, yet packaged in a thinner and lighter design which makes it easier to install.

Benefits

- A range of benefits packaged in one single luminaire architecture
- Easy to install
- Low initial cost
- Reasonable Total Cost of Ownership
- Signify Service tag (unique QR identification) for maintenance, installation and spare parts information

Features

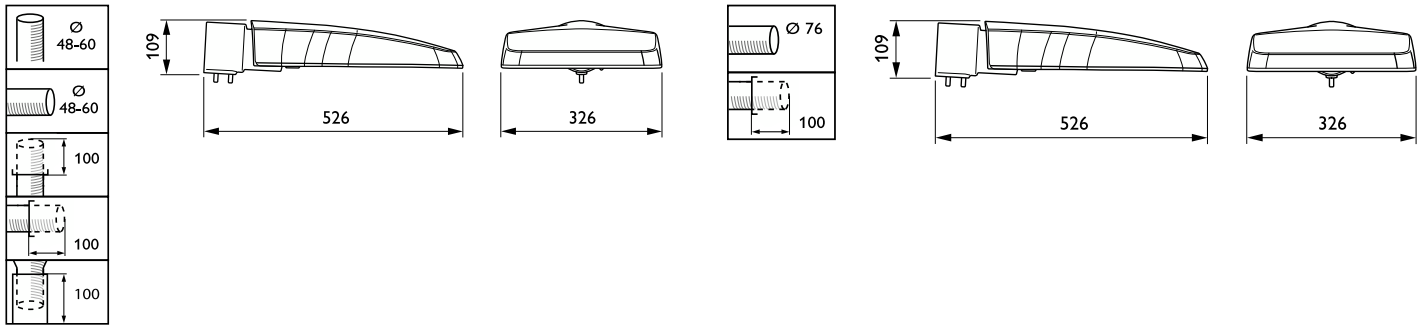
- One flexible design that offers different options depending on application needs
- Includes a dedicated light recipe that preserves dark night skies
- Compact and efficient design
- Tilt regulation with no need to open the cover

ClearWay gen2

Application

- Urban and residential roads
- Cycle and pedestrian paths
- Minor roads
- Car parks

Dimensional drawing



General Information

Driver included	Yes
Light source replaceable	Yes
Number of gear units	Unit
Service Tag	Yes

Light Technical

Luminaire light beam spread	154° - 31° x 54°
Light source colour	740 neutral white
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	70
Optic type outdoor	Distribution medium 50
Upwards light output ratio	0

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode
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Mechanical and Housing

Optical cover type	Flat glass
Housing Colour	Grey
Mech. impact protection code	IK09
Ingress protection code	IP66
Standard tilt angle side entry	0°
Standard tilt angle post-top	0°

Approval and Application

CE mark	Yes
Flammability mark	-

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
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Product Data

Product family code	BGP307
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General Information

Order Code	Full Product Name	Lamp family code
910925864583	BGP307 LED18-4S/740 I DM50 48/60S	LED18
910925864584	BGP307 LED25-4S/740 I DM50 48/60S	LED25
910925864585	BGP307 LED30-4S/740 I DM50 48/60S	LED30
910925864586	BGP307 LED35-4S/740 I DM50 48/60S	LED35
910925864587	BGP307 LED40-4S/740 I DM50 48/60S	LED40
910925864588	BGP307 LED45-4S/740 I DM50 48/60S	LED45
910925864589	BGP307 LED54-4S/740 I DM50 48/60S	LED54
910925864590	BGP307 LED69-4S/740 I DM50 48/60S	LED69
910925864592	BGP307 LED99-4S/740 I DM50 48/60S	LED99
910925864593	BGP307 LED109-4S/740 I DM50 48/60S	LED109
910925864596	BGP307 LED25-4S/740 II DM50 48/60S	LED25
910925864604	BGP307 LED84-4S/740 II DM50 48/60S	LED84
910925865129	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	LED18
910925865130	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	LED30
910925865131	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	LED35
910925865132	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	LED54
910925865133	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	LED69
910925865134	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	LED120

Light Technical

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
910925864583	BGP307 LED18-4S/740 I DM50 48/60S	1,584 lm	910925864593	BGP307 LED109-4S/740 I DM50 48/60S	9,460 lm
910925864584	BGP307 LED25-4S/740 I DM50 48/60S	2,175 lm	910925864596	BGP307 LED25-4S/740 II DM50 48/60S	2,175 lm
910925864585	BGP307 LED30-4S/740 I DM50 48/60S	2,610 lm	910925864604	BGP307 LED84-4S/740 II DM50 48/60S	7,308 lm
910925864586	BGP307 LED35-4S/740 I DM50 48/60S	3,080 lm	910925865129	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	1,584 lm
910925864587	BGP307 LED40-4S/740 I DM50 48/60S	3,520 lm	910925865130	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	2,610 lm
910925864588	BGP307 LED45-4S/740 I DM50 48/60S	3,960 lm	910925865131	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	3,080 lm
910925864589	BGP307 LED54-4S/740 I DM50 48/60S	4,698 lm	910925865132	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	4,698 lm
910925864590	BGP307 LED69-4S/740 I DM50 48/60S	6,160 lm	910925865133	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	6,160 lm
910925864592	BGP307 LED99-4S/740 I DM50 48/60S	8,600 lm	910925865134	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	10,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925864583	BGP307 LED18-4S/740 I DM50 48/60S	11.6 W
910925864584	BGP307 LED25-4S/740 I DM50 48/60S	16.2 W
910925864585	BGP307 LED30-4S/740 I DM50 48/60S	19.6 W
910925864586	BGP307 LED35-4S/740 I DM50 48/60S	21.5 W
910925864587	BGP307 LED40-4S/740 I DM50 48/60S	24.5 W
910925864588	BGP307 LED45-4S/740 I DM50 48/60S	27.5 W
910925864589	BGP307 LED54-4S/740 I DM50 48/60S	33.5 W
910925864590	BGP307 LED69-4S/740 I DM50 48/60S	40.5 W
910925864592	BGP307 LED99-4S/740 I DM50 48/60S	59 W

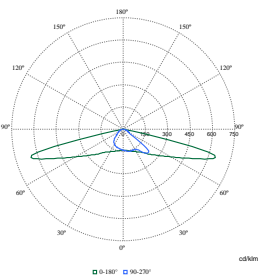
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910925864593	BGP307 LED109-4S/740 I DM50 48/60S	65 W
910925864596	BGP307 LED25-4S/740 II DM50 48/60S	16.2 W
910925864604	BGP307 LED84-4S/740 II DM50 48/60S	49.5 W
910925865129	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	11.6 W
910925865130	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	19.6 W
910925865131	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	21.5 W
910925865132	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	33.5 W
910925865133	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	40.5 W
910925865134	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	72 W

Controls and Dimming

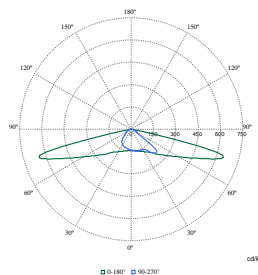
Order Code	Full Product Name	Dimmable	Maximum dim level
910925864583	BGP307 LED18-4S/740 I DM50 48/60S	No	Not applicable
910925864584	BGP307 LED25-4S/740 I DM50 48/60S	No	Not applicable
910925864585	BGP307 LED30-4S/740 I DM50 48/60S	No	Not applicable
910925864586	BGP307 LED35-4S/740 I DM50 48/60S	No	Not applicable
910925864587	BGP307 LED40-4S/740 I DM50 48/60S	No	Not applicable
910925864588	BGP307 LED45-4S/740 I DM50 48/60S	No	Not applicable
910925864589	BGP307 LED54-4S/740 I DM50 48/60S	No	Not applicable
910925864590	BGP307 LED69-4S/740 I DM50 48/60S	No	Not applicable
910925864592	BGP307 LED99-4S/740 I DM50 48/60S	No	Not applicable
910925864593	BGP307 LED109-4S/740 I DM50 48/60S	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
910925864596	BGP307 LED25-4S/740 II DM50 48/60S	No	Not applicable
910925864604	BGP307 LED84-4S/740 II DM50 48/60S	No	Not applicable
910925865129	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
910925865130	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
910925865131	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
910925865132	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
910925865133	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
910925865134	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	Yes	0% (digital)

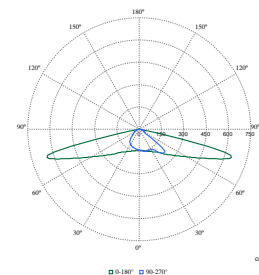
Polar Wide Diagrams



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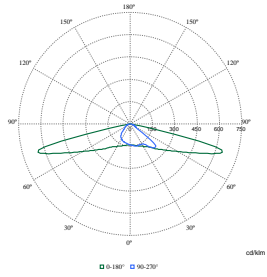


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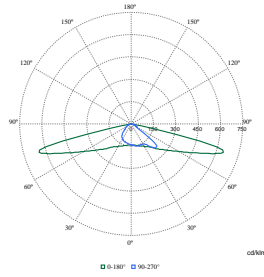


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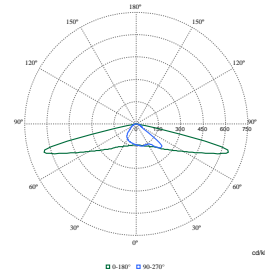
Polar Wide Diagrams



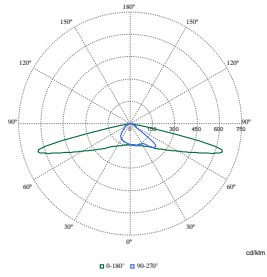
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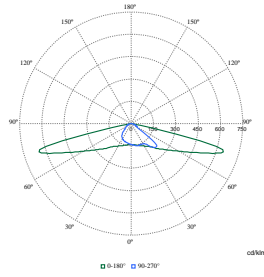
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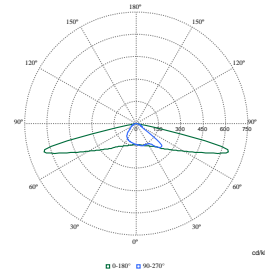
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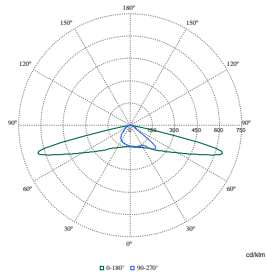
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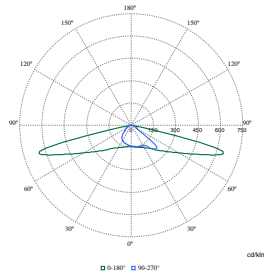
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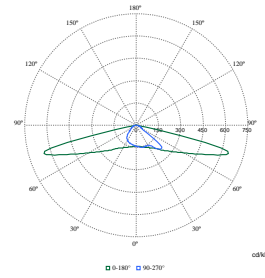
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Polar Normal (separate) - BGP3071 - 910925864584



Polar Normal (separate) - BGP3071 - 910925864588



Polar Normal (separate) - BGP3071 - 910925864589

