



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

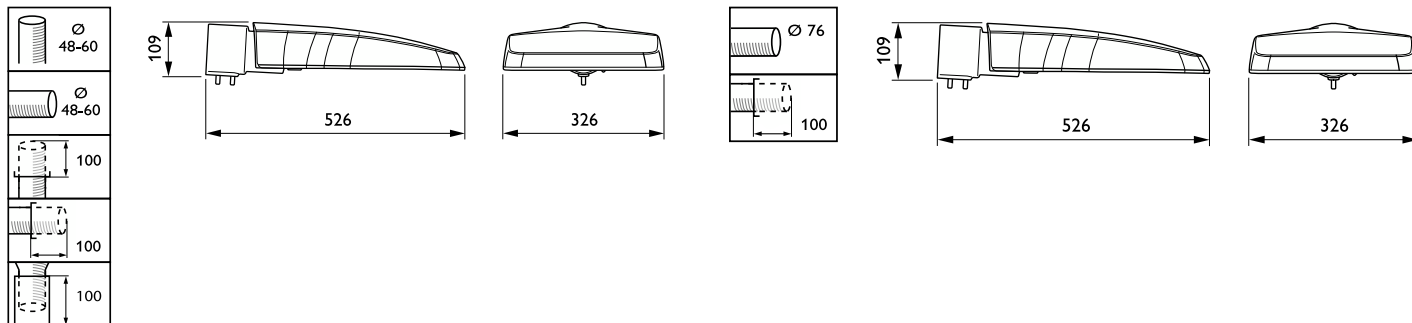
Features

- 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

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
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 %
Product Data	
Product family code	BGP307

General Information

Order Code	Full Product Name	Lamp family code
98795700	BGP307 LED18-4S/740 I DM50 48/60S	LED18
98796400	BGP307 LED25-4S/740 I DM50 48/60S	LED25
98797100	BGP307 LED30-4S/740 I DM50 48/60S	LED30
98798800	BGP307 LED35-4S/740 I DM50 48/60S	LED35
98799500	BGP307 LED40-4S/740 I DM50 48/60S	LED40
98800800	BGP307 LED45-4S/740 I DM50 48/60S	LED45
98801500	BGP307 LED54-4S/740 I DM50 48/60S	LED54
98802200	BGP307 LED69-4S/740 I DM50 48/60S	LED69
98804600	BGP307 LED99-4S/740 I DM50 48/60S	LED99
98805300	BGP307 LED109-4S/740 I DM50 48/60S	LED109
98698100	BGP307 LED25-4S/740 II DM50 48/60S	LED25
98705600	BGP307 LED84-4S/740 II DM50 48/60S	LED84
99608900	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	LED18
99609600	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	LED30
99610200	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	LED35
99611900	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	LED54
99612600	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	LED69
99613300	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
98795700	BGP307 LED18-4S/740 I DM50 48/60S	1,584 lm	98805300	BGP307 LED109-4S/740 I DM50 48/60S	9,460 lm
98796400	BGP307 LED25-4S/740 I DM50 48/60S	2,175 lm	98698100	BGP307 LED25-4S/740 II DM50 48/60S	2,175 lm
98797100	BGP307 LED30-4S/740 I DM50 48/60S	2,610 lm	98705600	BGP307 LED84-4S/740 II DM50 48/60S	7,308 lm
98798800	BGP307 LED35-4S/740 I DM50 48/60S	3,080 lm	99608900	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	1,584 lm
98799500	BGP307 LED40-4S/740 I DM50 48/60S	3,520 lm	99609600	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	2,610 lm
98800800	BGP307 LED45-4S/740 I DM50 48/60S	3,960 lm	99610200	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	3,080 lm
98801500	BGP307 LED54-4S/740 I DM50 48/60S	4,698 lm	99611900	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	4,698 lm
98802200	BGP307 LED69-4S/740 I DM50 48/60S	6,160 lm	99612600	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	6,160 lm
98804600	BGP307 LED99-4S/740 I DM50 48/60S	8,600 lm	99613300	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	10,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
98795700	BGP307 LED18-4S/740 I DM50 48/60S	11.6 W
98796400	BGP307 LED25-4S/740 I DM50 48/60S	16.2 W
98797100	BGP307 LED30-4S/740 I DM50 48/60S	19.6 W
98798800	BGP307 LED35-4S/740 I DM50 48/60S	21.5 W
98799500	BGP307 LED40-4S/740 I DM50 48/60S	24.5 W
98800800	BGP307 LED45-4S/740 I DM50 48/60S	27.5 W
98801500	BGP307 LED54-4S/740 I DM50 48/60S	33.5 W
98802200	BGP307 LED69-4S/740 I DM50 48/60S	40.5 W
98804600	BGP307 LED99-4S/740 I DM50 48/60S	59 W

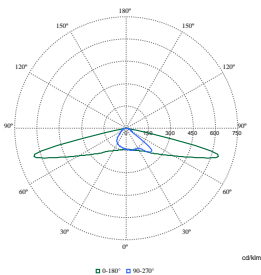
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98805300	BGP307 LED109-4S/740 I DM50 48/60S	65 W
98698100	BGP307 LED25-4S/740 II DM50 48/60S	16.2 W
98705600	BGP307 LED84-4S/740 II DM50 48/60S	49.5 W
99608900	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	11.6 W
99609600	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	19.6 W
99610200	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	21.5 W
99611900	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	33.5 W
99612600	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	40.5 W
99613300	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	72 W

Controls and Dimming

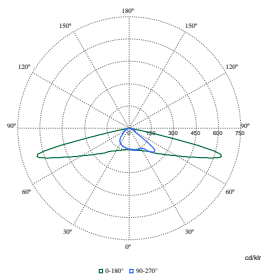
Order Code	Full Product Name	Dimmable	Maximum dim level
98795700	BGP307 LED18-4S/740 I DM50 48/60S	No	Not applicable
98796400	BGP307 LED25-4S/740 I DM50 48/60S	No	Not applicable
98797100	BGP307 LED30-4S/740 I DM50 48/60S	No	Not applicable
98798800	BGP307 LED35-4S/740 I DM50 48/60S	No	Not applicable
98799500	BGP307 LED40-4S/740 I DM50 48/60S	No	Not applicable
98800800	BGP307 LED45-4S/740 I DM50 48/60S	No	Not applicable
98801500	BGP307 LED54-4S/740 I DM50 48/60S	No	Not applicable
98802200	BGP307 LED69-4S/740 I DM50 48/60S	No	Not applicable
98804600	BGP307 LED99-4S/740 I DM50 48/60S	No	Not applicable
98805300	BGP307 LED109-4S/740 I DM50 48/60S	No	Not applicable
98698100	BGP307 LED25-4S/740 II DM50 48/60S	No	Not applicable
98705600	BGP307 LED84-4S/740 II DM50 48/60S	No	Not applicable

Order Code	Full Product Name	Dimmable	Maximum dim level
99608900	BGP307 LED18-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
99609600	BGP307 LED30-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
99610200	BGP307 LED35-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
99611900	BGP307 LED54-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
99612600	BGP307 LED69-4S/740 I DM50 DDF27 D18 48/	Yes	0% (digital)
99613300	BGP307 LED120-4S/740 I DM50 DDF27 D18 48	Yes	0% (digital)

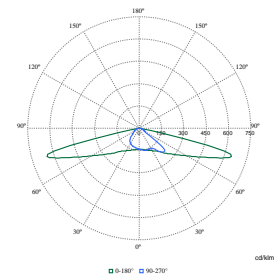
Polar Wide Diagrams



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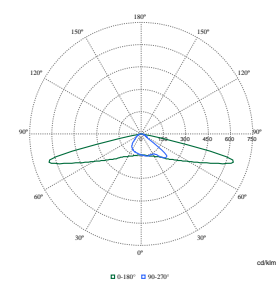


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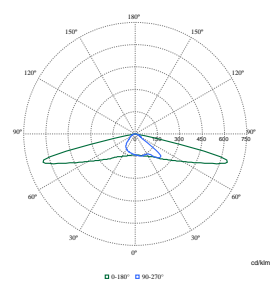


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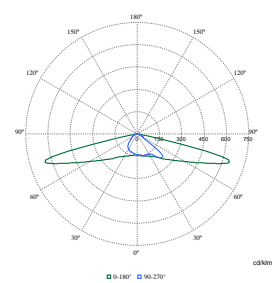
Polar Wide Diagrams



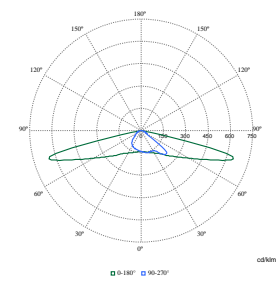
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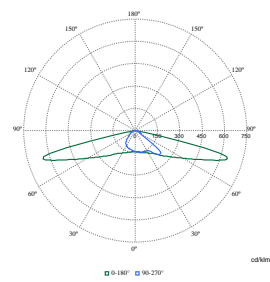
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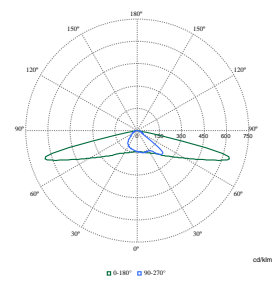
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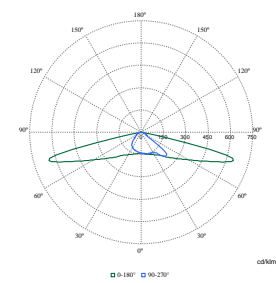
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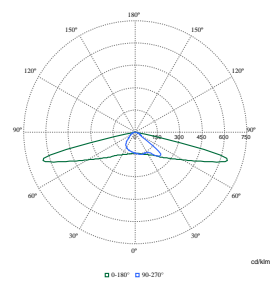
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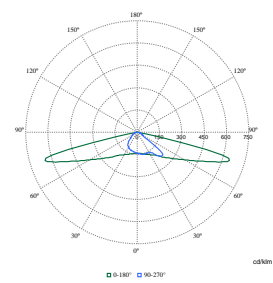
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Polar Normal (separate) - BGP307I - 910925864588



Polar Normal (separate) - BGP307I - 910925864589

