



ClearWay gen2

BGP307 LED54-4S/740 II DM50 48/60S

ClearWay gen2 - LED module 5400 lm - 740 neutral white - Safety class II - Distribution medium 50 - Universal for diameter 48 to 60 mm adjustable

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 minimize your Total Cost of Ownership. 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.

Product data

General information	
Lamp family code	LED54 [LED module 5400 lm]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	-
Optical cover/lens type	Flat glass
Luminaire light beam spread	154° - 31° x 54°
Control interface	-

Connection	Push-in connector 5-pole
Cable	-
Protection class IEC	Safety class II
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 50
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there

Datasheet, 2022, August 18 data subject to change

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	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value. $\ensuremath{^*}$ At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Constant light output	No
Number of products on MCB of 16 A type	30
В	
EU RoHS compliant	Yes
Light source engine type	LED
Product family code	BGP307 [ClearWay gen2]
Light technical	
Upward light output ratio	0
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	18 A
Inrush time	0.28 ms
Power Factor (Min)	0.98
Controls and dimming	
Dimmable	No
Mechanical and housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Tempered glass
Fixation material	Aluminum
Mounting device	Universal for diameter 48 to 60 mm
	adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	480 mm
Overall width	325 mm
Overall height	150 mm
Effective projected area	0.1151 m²
Color	Gray

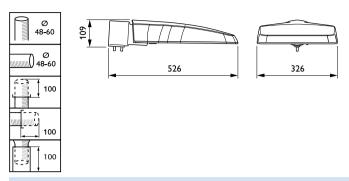
Dimensions (Height x Width x Depth)	150 x 325 x 480 mm
Approval and application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Philips standard surge protection level
Sustainability rating	
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	4698 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	33.5 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over time performance (IEC complia	nt)
Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L96
100000 h	
A continuation of continuations	
Application conditions	40 to 150 °C
Ambient temperature range	-40 to +50 °C 25 °C
Performance ambient temperature Tq Maximum dim level	
Maximum dim tevet	Not applicable
Product data	
Full product code	871869698703200
Order product name	BGP307 LED54-4S/740 II DM50 48/60S
EAN/UPC - Product	8718696987032
Order code	910925864602
	1
Numerator - Quantity Per Pack	
Numerator - Quantity Per Pack Numerator - Packs per outer box	1
	1 910925864602





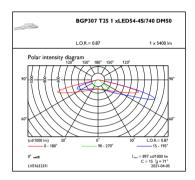
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Dimensional drawing



BGP307 LED54-4S/740 II DM50 48/60S

Photometric data



COX=007 1 x 5000 lm

Polar recently digram

The polar recently digram

The

BGP307 T25 1 xLED54-4S/740 DM50

OFPC1_BGP307T251xLED54-4S740DM50

OFPL1_BGP307T251xLED54-4S740DM50



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