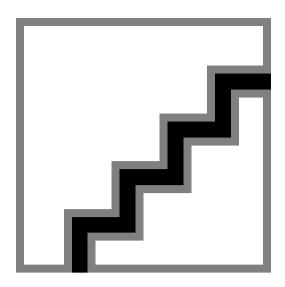
# **PHILIPS** Lighting



# **ClearWay gen2**

# BGP307 LED69/740 I DM 48/60S

ClearWay gen2, LED module 6900 lm, 740 neutral white, Safety class I, Distribution medium, 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	LED69 [LED module 6900 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	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. * At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BGP307 [ClearWay gen2]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-

### ClearWay gen2

ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	6,020 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optic type	-
Optical cover type	Flat glass
Luminaire light beam spread	42° x 44°
Optic type outdoor	Distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	52 W
Power Factor (Fraction)	0.97
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type	11
В	
Temperature	
Ambient temperature range	-40 to +50 °C

 Controls and Dimming

 Dimmable
 No

 Driver/power unit/transformer
 Power supply unit (On/Off)

 Control interface

 Constant light output
 No

 Mechanical and Housing
 Housing Material

 Reflector material

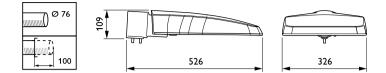
 Optic material
 Polymethyl methacrylate

Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Tempered glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Universal for diameter 48 to 60 mm
	adjustable

Flat
Clear
480 mm
325 mm
150 mm
0.1151 m²
150 x 325 x 480 mm
IP66 [Dust penetration-protected, jet-pro
IK09 [10 J]
Luminaire surge protection level until 6 k <sup>1</sup>
differential mode and 8 kV common mod
_
Safety class I
Photobiological risk group 1 @ 200mm to
EN62471
3.1 m
+/-7%
(0.38, 0.38) SDCM <5
+/-10%
+/-2
ant) 0.5 %
10 %
1.07
L97
25 °C
Not applicable
BGP307 LED69/740 I DM 48/60S
BGP307 LED69/740 I DM 48/60S
871869698778000
910925864566
910925864566
1
8718696987780
1

## ClearWay gen2

#### Dimensional drawing





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www.lighting.philips.com 2023, December 5 - data subject to change