



ClearWay

BGP303 LED54-4S/740 PSR I DM50 D9 STD 42

ClearWay, LED module 5400 lm, 740 neutral white, Power supply unit regulating, Safety class I, Distribution medium, Philips standard surge protection level, Universal for diameter 42 to 60 mm

LED technology represents a breakthrough in lighting in many different respects. The light quality provided by LEDs, for example, has made our roads safer, while the tremendous efficacy of LEDs is helping cities reduce their energy bills. At Philips, we believe we can make even more roads safer, and help more municipalities achieve their goal of reducing energy consumption. That's why we have developed ClearWay – a LED road luminaire that is affordable yet does not compromise on light quality and energy efficiency.

Product data

General Information			
Lamp family code	LED54 [LED module 5400 lm]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Glow-wire test	Temperature 960 °C, duration 5 s
Gear	EBD [Electronic regulating DALI]	EU RoHS compliant	No
Driver included	Yes	Light Technical	
Photocell	-	Upward light output ratio	0
Light source engine type	LED	Luminous Flux	4,752 lm
Product family code	BGP303 [ClearWay]	Standard tilt angle posttop	0°
Lighting Technology	LED	Standard tilt angle side entry	0°
Embedded control	-	Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	128 lm/W
Warranty period	5 years	Color rendering index (CRI)	>70

Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° x 62°
Optic type outdoor	Distribution medium

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	37 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 5-pole
Cable	-
Number of products on MCB of 16 A type B 20	

Temperature

Ambient temperature range	-30 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Tempered glass
Fixation material	Steel
Housing Color	Grey
Mounting device	Universal for diameter 42 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	481 mm

Overall width	330 mm
Overall height	97 mm
Effective projected area	0.029 m ²
Dimensions (Height x Width x Depth)	97 x 330 x 481 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
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Application Conditions

Maximum dim level	0% (digital)
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Product Data

Order product name	BGP303 LED54-4S/740 PSR I DM50 D9 STD 42
Full product name	BGP303 LED54-4S/740 PSR I DM50 D9 STD 42
Full product code	871869637242500
Order code	37242500
Material Nr. (12NC)	910925452115
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696372425
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696372425

Dimensional drawing



