



OptiSpace

BCB500 LED27-4S/740 ANB14 II A DGR

OPTISPACE BOLLARD, LED module 2700 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, Asymmetrical, Black

OptiSpace is a creative bollard solution which enables you to build a more attractive, citizen-centric inner-city space by avoiding verticalisation of the urban landscape. OptiSpace delivers all this and more while delivering an attractive TCO for your investment. Enabled by the different control options, you can reduce energy consumption and minimise TCO further. And thanks to the excellent and optimised light distribution options, you can maximise spacing between the bollards, thereby minimising the number of light points needed to be installed. To support different design schemes, OptiSpace is also available in different colours: Philips Ultra Dark Grey is the standard colour and other colours are available on request.

Product data

General Information		Light Technical	
Lamp family code	LED27 [LED module 2700 lm]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	Unit	EU RoHS compliant	Yes
Driver included	Yes		
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components		
Light source engine type	LED	Upwards light output ratio	0
Product family code	BCB500 [OPTISPACE BOLLARD]	Luminous Flux	2,400 lm
Lighting Technology	LED	Standard tilt angle post-top	0°
Value ladder	Specification	Standard tilt angle side entry	0°
CE mark	Yes	Correlated Colour Temperature	4000 K
Warranty period	5 years	Luminous efficacy (rated) (nom.)	167 lm/W
		Colour rendering index (CRI)	>70
		Light source colour	740 neutral white

Optical cover type	Polycarbonate cover and gloss high-reflective optic
Luminaire light beam spread	7° - 9° x 177°
Optic type outdoor	Asymmetrical

Operating and Electrical

Input Voltage	200-220 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.36 ms
Power Consumption	20 W
Power Factor (Fraction)	0.96
Connection	Flying leads/cables
Cable	Cable 1.5 m without plug
Number of products on MCB of 16 A type B	18

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Aluminium
Optic material	Polymethyl methacrylate
Optical cover/lens material	UV-stabilised polycarbonate cover
Fixation material	Steel
Housing Colour	Black
Mounting device	Universal for diameter 42 to 60 mm adjustable
Optical cover/lens shape	Cylinder/cylindrical
Optical cover/lens finish	Clear
Overall length	270 mm
Overall width	270 mm
Overall height	848 mm

Overall diameter	168 mm
Effective projected area	0.172 m²
Dimensions (height x width x depth)	848 x 270 x 270 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0,3818; 0,3796) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
Lumen maintenance at median useful life* 100,000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BCB500 LED27-4S/740 ANB14 II A DGR
Full product name	BCB500 LED27-4S/740 ANB14 II A DGR
Full EOC	871869948120900
Order code	48120900
Material no. (12 NC)	912300024103
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699481209
Numerator – packs per outer box	1
EAN/UPC - Case	8718699481209

Dimensional drawing

Dimensional drawing

