



OptiSpace

BCB500 LED56-4S/740 S DGR

OPTISPACE BOLLARD, LED module 5600 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Symmetrical, Black

OptiSpace is a creative bollard solution which enables you to build a more attractive, citizen-centric inner-city space by avoiding verticalization 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 minimize TCO further and thanks to the excellent and optimized light distribution options you can maximize spacing between the bollards, thereby minimizing the number of light points needed to be installed. To support different design schemes, OptiSpace is also available in different colors: Philips Ultra Dark Grey is the standard color and other colors are available on request.

Product data

General Information		Flammability mark	
Lamp family code	LED56 [LED module 5600 lm]	For mounting on normally flammable surfaces	
Light source replaceable	Yes	ENEC mark	
Number of gear units	1 unit	EU RoHS compliant	
Driver included	Yes		
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BCB500 [OPTISPACE BOLLARD]	Luminous Flux	4,900 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Value ladder	Specification	Standard tilt angle side entry	0°
CE mark	Yes	Correlated Color Temperature (Nom)	4000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	173 lm/W
		Color rendering index (CRI)	>70
		Light source color	740 neutral white

Optical cover type	Polycarbonate cover and gloss high-reflective optic
Luminaire light beam spread	177°
Optic type outdoor	Symmetrical
Operating and Electrical	
Input Voltage	200-220 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	37.2 W
Power Factor (Fraction)	0.98
Connection	Flying leads/wires
Cable	Cable 1.5 m without plug
Number of products on MCB of 16 A type B	16
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	Aluminum
Optic material	Polymethyl methacrylate
Optical cover material	UV stabilized Polycarbonate cover
Fixation material	Steel
Housing Color	Black
Mounting device	Universal for diameter 42 to 60 mm adjustable
Optical cover shape	Cylinder/cylindrical
Optical cover finish	Clear
Overall length	270 mm
Overall width	270 mm
Overall height	848 mm

Dimensional drawing

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 until 6 kV differential mode and 6 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I
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 5000 h	0.5 %
Lumen maintenance at median useful life* 100000 h	L80
Application Conditions	
Performance ambient temperature Tq	25 °C
Product Data	
Order product name	BCB500 LED56-4S/740 S DGR
Full product name	BCB500 LED56-4S/740 S DGR
Full product code	871869948118600
Order code	912300024101
Material Nr. (12NC)	912300024101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699481186
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699481186

Dimensional drawing

Dimensional drawing

