

OptiSpace

BCB500 LED16-4S/830 ANB14 II A DF DGR

OPTISPACE BOLLARD, LED module 1600 lm, 830 warm white, Power supply unit with DALI interface, 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	
Lamp family code	LED16 [LED module 1600 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BCB500 [OPTISPACE BOLLARD]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes

Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical	
Upwards light output ratio	0
Luminous Flux	1,420 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	146 lm/W

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Colour rendering index (CRI)	>80
Light source colour	830 warm white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	21° - 26° x 200°
Optic type outdoor	Asymmetrical

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.36 ms
Power Consumption	14.7 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 1.5 m without plug
Number of products on MCB of 16 A type B	23

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit with DALI interface
Constant light output	No

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Aluminium
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Colour	Black
Mounting device	Base plate
Optical cover/lens shape	Cylinder/cylindrical
Optical cover/lens finish	Clear
Overall length	270 mm
Overall width	270 mm
Overall height	848 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
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0,3818; 0,3796) SDCM<3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

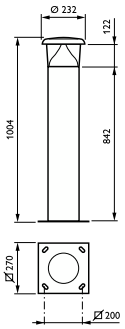
Driver failure rate at 5,000 hours	0.5 %

Product Data

Order product name	BCB500 LED16-4S/830 ANB14 II A DF DGR
Full product name	BCB500 LED16-4S/830 ANB14 II A DF DGR
Full EOC	871869948110000
Order code	48110000
Material no. (12 NC)	912300024092
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699481100
Numerator – packs per outer box	1
EAN/UPC - Case	8718699481100

Dimensional drawing

Dimensional drawing



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Dimensional drawing

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