



# OptiSpace

## BCB500 LED56-4S/740 S DGR

OPTISPACE BOLLARD - LED module 5600 lm - 740 neutral white - Power supply unit with DALI interface - 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 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		CE mark	CE mark
Lamp family code	LED56 [ LED module 5600 lm]	ENEC mark	ENEC mark
Light source colour	740 neutral white	Warranty period	5 years
Light source replaceable	Yes	Outdoor optic type	Symmetrical
Number of gear units	1 unit	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	Constant light output	No
Driver included	Yes	Number of products on MCB	20
Optical cover/lens type	PCC [ Polycarbonate bowl/cover clear]	RoHS mark	RoHS mark
Luminaire light beam spread	177°	LED engine type	LED
Connection	-	Product Family Code	BCB500 [ OPTISPACE BOLLARD]
Cable	Cable 1.5 m without plug (C1K5)		
Protection class IEC	Safety class I		
Flammability mark	F [ For mounting on normally flammable surfaces]		

## Light Technical

Upward light output ratio	0
Standard tilt angle post-top	-
Standard tilt angle side entry	0°

## Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power factor (min.)	0.98

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Aluminium
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Mounting device	Baseplate
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 m <sup>2</sup>
Colour	Black

## Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [ 20 J vandal-resistant]

## Initial Performance (IEC Compliant)

Initial luminous flux	4900 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	173 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>70
Initial chromaticity	(0,3818; 0,3796) SDCM<3
Initial input power	37.2 W
Power consumption tolerance	+/-11%

## Application Conditions

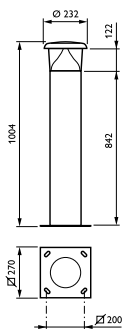
Ambient temperature range	-40 to +50 °C
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## Product Data

Full product code	871869948118600
Order product name	BCB500 LED56-4S/740 S DGR
EAN/UPC – product	8718699481186
Order code	48118600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300024101
Net weight (piece)	15.200 kg

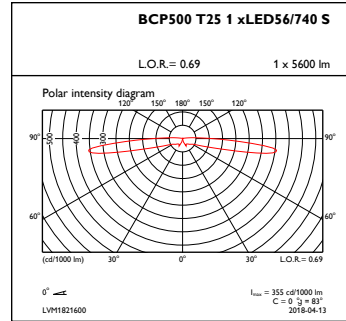
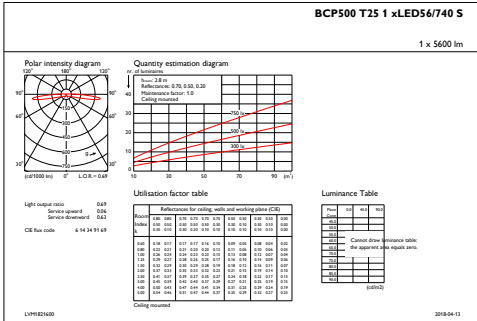


## Dimensional drawing



OptiSpace Bollard BCB500

Photometric data



IFGU1\_BCP500T251xLED56740S

OFPC1\_BCP500T251xLED56740S

