Signify

OptiSpace

BCB500

Creating attractive inner-city landscapes

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: Ultra Dark Grey is the standard color and other colors are available on request.

Benefits

- Discreet design nicely blending into modern inner-city spaces
- Attractive Total Cost of Ownership
- Compliant with key national and international regulation in Europe

Applications

- Parks and plazas
- Pedestrian and cycle paths
- Building fronts and car parks

Data subject to change

Features

- Enabling wide spacing, up to 20 meters
- Delivering up to 4300 lm light output
- IP66 and IK10 ratings
- Warm White (WW) / Neutral White (NW) color temperature options
- Choice of both asymmetric and symmetric optics
- Ground section accessory

Versions

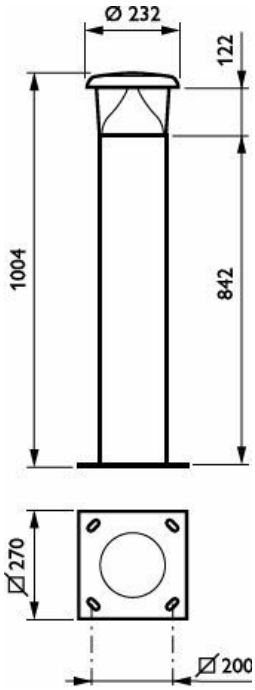
OptiSpace-BCB500

OptiSpace-BCB500 ANB

Dimensional drawing

OPTISPACE BOLLARD – LED module 2700 lm

OPTISPACE BOLLARD – LED module 2700 lm



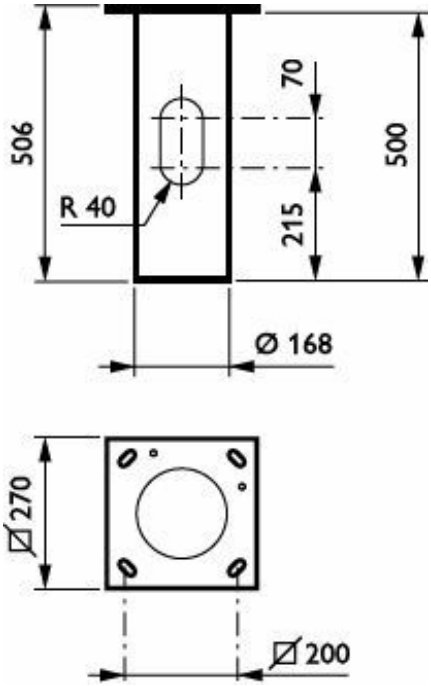
OPTISPACE BOLLARD – LED module 2700 lm

OPTISPACE BOLLARD – LED module 2700 lm

OPTISPACE BOLLARD – LED module 2700 lm

OPTISPACE BOLLARD – LED module 2700 lm

OPTISPACE BOLLARD - LED module 2700 lm

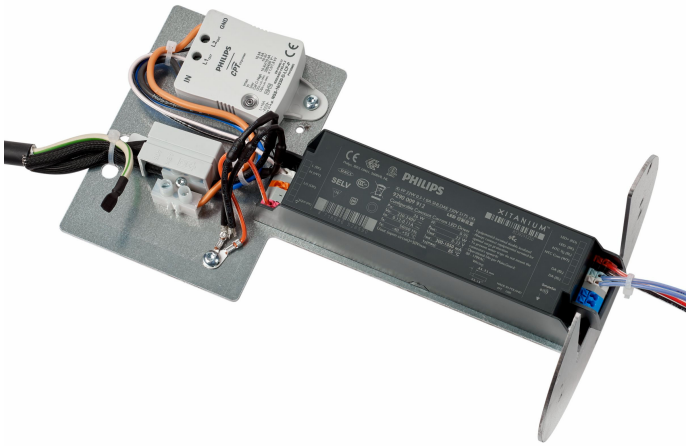


OptiSpace

OPTISPACE BOLLARD - LED module 2700 lm

OPTISPACE BOLLARD - LED module 2700 lm

OPTISPACE BOLLARD - LED module 2700 lm



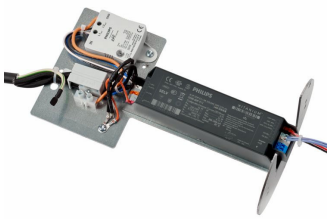
OPTISPACE BOLLARD - LED module 2700 lm

Product details

OptiSpace-BCB500 -5DPP.TIF

OptiSpace-BCB500 -1DPP.TIF

OptiSpace-BCB500 -9DPP.TIF



OptiSpace-BCB500 -7DPP.TIF

OptiSpace-BCB500-2DPP.TIF

OptiSpace-BCB500-3DPP.TIF

OptiSpace-BCB500-4DPP.TIF

OptiSpace Sparepart

OptiSpace-BCB500-6DPP.TIF

OptiSpace-BCB500-10DPP.TIF

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Upward light output ratio	0

Operating and Electrical

Surge Protection (Common/ Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Color	Black
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle side entry	0°

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %

Product Data

Product family code	BCB500 [OPTISPACE BOLLARD]

General Information

Order Code	Full Product Name	Lamp family code
48118600	BCB500 LED56-4S/740 S DGR	LED56
48120900	BCB500 LED27-4S/740 ANB14 II A DGR	LED27
04186800	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	LED16
04187500	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	LED16
04188200	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	LED16
04190500	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	LED10

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Light source color	Luminaire light beam spread	Optic type outdoor
48118600	BCB500 LED56-4S/740 S DGR	4,900 lm	4000 K	70	740 neutral white	177°	Symmetrical
48120900	BCB500 LED27-4S/740 ANB14 II A DGR	2,400 lm	4000 K	70	740 neutral white	7° - 9° x 177°	Asymmetrical
04186800	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	1,420 lm	3000 K	80	830 warm white	21° - 26° x 200°	Asymmetrical
04187500	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	1,432 lm	4000 K	70	740 neutral white	177°	Symmetrical
04188200	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	1,390 lm	3000 K	80	830 warm white	177°	Symmetrical
04190500	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	887 lm	3000 K	80	830 warm white	21° - 26° x 200°	Asymmetrical

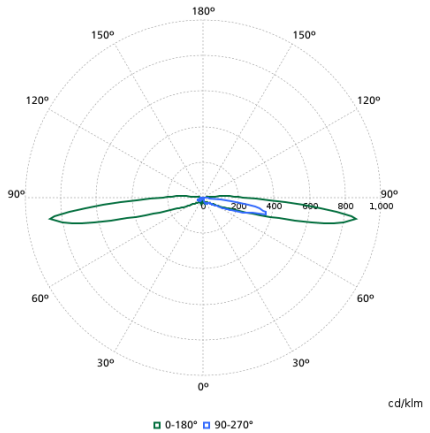
Operating and Electrical

Order Code	Full Product Name	Power Consumption
48118600	BCB500 LED56-4S/740 S DGR	37.2 W
48120900	BCB500 LED27-4S/740 ANB14 II A DGR	20 W
04186800	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	14.7 W
04187500	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	11.3 W
04188200	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	12.8 W
04190500	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	9.1 W

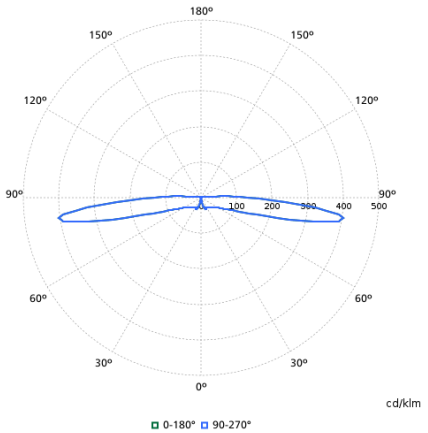
Mechanical and Housing

Order Code	Full Product Name	Standard tilt angle posttop	Optical cover type
48118600	BCB500 LED56-4S/740 S DGR	0°	Polycarbonate cover and gloss high-reflective optic
48120900	BCB500 LED27-4S/740 ANB14 II A DGR	0°	Polycarbonate cover and gloss high-reflective optic
04186800	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	-	Polycarbonate bowl/cover clear
04187500	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	-	Polycarbonate bowl/cover clear
04188200	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	-	Polycarbonate bowl/cover clear
04190500	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	-	Polycarbonate bowl/cover clear

Polar normal diagrams



BCB500I - 912300024103



BCB500I - 912300024101

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.