



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

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



Copenhagen City LED gen2 small side entry

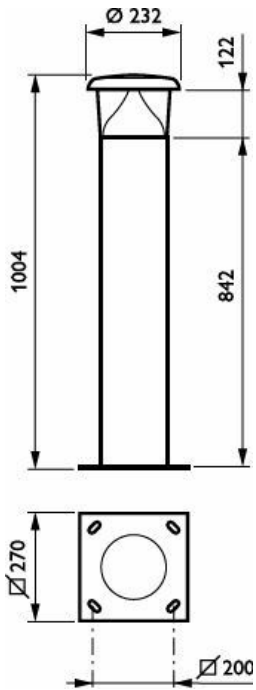
Dimensional drawing



OPTISPACE BOLLARD - LED module 5600 lm



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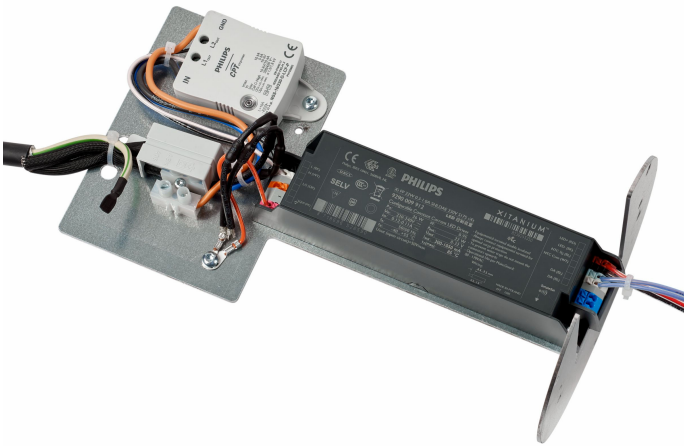
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Product details



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
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Light source color	740 neutral white

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 6 kV common mode
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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 posttop 0°

Standard tilt angle side entry 0°

Optical cover type Polycarbonate cover and gloss high-reflective optic

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
912300024101	BCB500 LED56-4S/740 S DGR	LED56
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	LED27

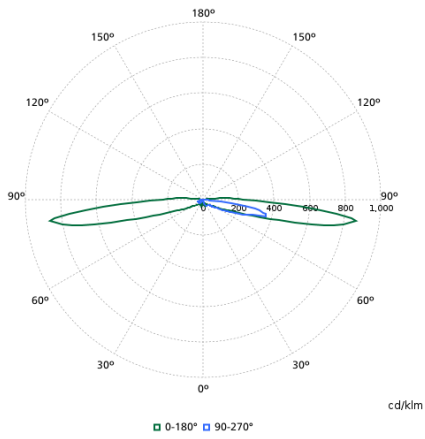
Light Technical

Order Code	Full Product Name	Luminous Flux	Luminaire light beam spread	Optic type outdoor
912300024101	BCB500 LED56-4S/740 S DGR	4,900 lm	177°	Symmetrical
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	2,400 lm	7° - 9° x 177°	Asymmetrical

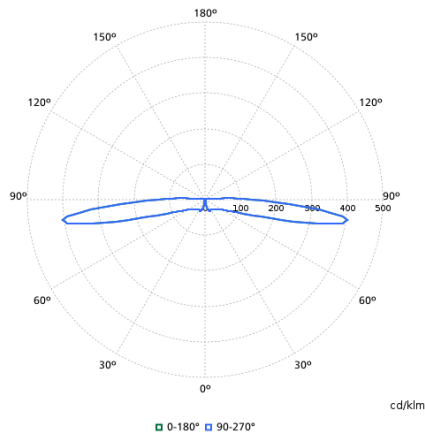
Operating and Electrical

Order Code	Full Product Name	Power Consumption
912300024101	BCB500 LED56-4S/740 S DGR	37.2 W
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	20 W

Polar normal diagrams



BCB500I - 912300024103



BCB500I - 912300024101