PHILIPS

Lighting

Creating attractive inner-city landscapes

OptiSpace

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.

Benefits

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

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

Application

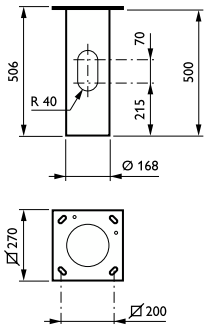
- Parks and plazas
- Pedestrian and cycle paths
- Building fronts and car parks

Versions

OptiSpace-BCB500

Dimensional drawing

Dimensional drawing



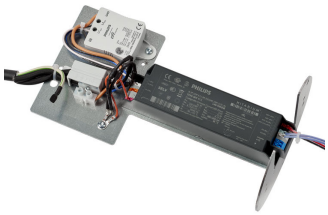
Product details

OptiSpace-BCB500 -5DPP.TIF

OptiSpace-BCB500 -1DPP.TIF

Product details

OptiSpace-BCB500 -9DPP.TIF



OptiSpace-BCB500 -7DPP.TIF

OptiSpace-BCB500 -2DPP.TIF

OptiSpace-BCB500 -3DPP.TIF

OptiSpace-BCB500 -4DPP.TIF

OptiSpace-BCB500 -8DPP.TIF

OptiSpace-BCB500 -6DPP.TIF

OptiSpace-BCB500 -10DPP.TIF

General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Number of gear units	1 unit
Product family code	BCB500
Light Technical	
Standard tilt angle side entry	0°
Upward light output ratio	0
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Black
Approval and Application	
Mech. impact protection code	IK10
Ingress protection code	IP66
Surge Protection (Common/ Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

General Information

Order Code	Full Product Name	Lamp family code
912300024101	BCB500 LED56-4S/740 S DGR	LED56
912300024102	BCB500 LED56-4S/740 ANB14 II S DGR	LED56
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	LED27
912300060278	BCB500 LED16-4S/740 PSU II A DGR MSP CLO	LED16
912300060279	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	LED16
912300060280	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	LED16
912300060281	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	LED16
912300060282	BCB500 LED10-4S/740 PSU II A DGR MSP CLO	LED10
912300060283	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	LED10
912300060284	BCB500 LED10-4S/740 PSU II S DGR MSP CLO	LED10
912300060285	BCB500 LED10-4S/830 PSU II S DGR MSP CLO	LED10

Light Technical (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Optical cover type
912300024101	BCB500 LED56-4S/740 S DGR	177°	740 neutral white	4000 K	Polycarbonate cover and gloss high-reflective optic
912300024102	BCB500 LED56-4S/740 ANB14 II S DGR	177°	740 neutral white	4000 K	Polycarbonate cover and gloss high-reflective optic
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	7° - 9° x 177°	740 neutral white	4000 K	Polycarbonate cover and gloss high-reflective optic
912300060278	BCB500 LED16-4S/740 PSU II A DGR MSP CLO	21° - 26° x 200°	740 neutral white	4000 K	Polycarbonate bowl/cover clear

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Optical cover type
912300060279	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	21° - 26° x 200°	830 warm white	3000 K	Polycarbonate bowl/cover clear
912300060280	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	177°	740 neutral white	4000 K	Polycarbonate bowl/cover clear
912300060281	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	177°	830 warm white	3000 K	Polycarbonate bowl/cover clear
912300060282	BCB500 LED10-4S/740 PSU II A DGR MSP CLO	21° - 26° x 200°	740 neutral white	4000 K	Polycarbonate bowl/cover clear

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Optical cover type
912300060283	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	21° - 26° x 200°	830 warm white	3000 K	Polycarbonate bowl/cover clear
912300060284	BCB500 LED10-4S/740 PSU II S DGR MSP CLO	177°	740 neutral white	4000 K	Polycarbonate bowl/cover clear

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Optical cover type
912300060285	BCB500 LED10-4S/830 PSU II S DGR MSP CLO	177°	830 warm white	3000 K	Polycarbonate bowl/cover clear

Light Technical (2/2)

Order Code	Full Product Name	Color rendering index (CRI)	Luminous Flux	Optic type outdoor	Standard tilt angle posttop
912300024101	BCB500 LED56-4S/740 S DGR	>70	4,900 lm	Symmetrical	0°
912300024102	BCB500 LED56-4S/740 ANB14 II S DGR	>70	4,900 lm	Symmetrical	0°
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	>70	2,400 lm	Asymmetrical	0°
912300060278	BCB500 LED16-4S/740 PSU II A DGR MSP CLO	>70	1,450 lm	Asymmetrical	-
912300060279	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	>80	1,420 lm	Asymmetrical	-
912300060280	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	>70	1,432 lm	Symmetrical	-

Order Code	Full Product Name	Color rendering index (CRI)	Luminous Flux	Optic type outdoor	Standard tilt angle posttop
912300060281	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	>80	1,390 lm	Symmetrical	-
912300060282	BCB500 LED10-4S/740 PSU II A DGR MSP CLO	>70	906 lm	Asymmetrical	-
912300060283	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	>80	887 lm	Asymmetrical	-
912300060284	BCB500 LED10-4S/740 PSU II S DGR MSP CLO	>70	895 lm	Symmetrical	-
912300060285	BCB500 LED10-4S/830 PSU II S DGR MSP CLO	>80	869 lm	Symmetrical	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
912300024101	BCB500 LED56-4S/740 S DGR	37.2 W
912300024102	BCB500 LED56-4S/740 ANB14 II S DGR	37.2 W
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	20 W
912300060278	BCB500 LED16-4S/740 PSU II A DGR MSP CLO	12.3 W
912300060279	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	14.7 W
912300060280	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	11.3 W

Order Code	Full Product Name	Power Consumption
912300060281	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	12.8 W
912300060282	BCB500 LED10-4S/740 PSU II A DGR MSP CLO	7.6 W
912300060283	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	9.1 W
912300060284	BCB500 LED10-4S/740 PSU II S DGR MSP CLO	7.8 W
912300060285	BCB500 LED10-4S/830 PSU II S DGR MSP CLO	8.8 W

Over Time Performance (IEC Compliant)

OptiSpace

Order Code	Full Product Name	Driver failure rate at 5000 h
912300024101	BCB500 LED56-4S/740 S DGR	0.5 %
912300024102	BCB500 LED56-4S/740 ANB14 II S DGR	0.5 %
912300024103	BCB500 LED27-4S/740 ANB14 II A DGR	0.5 %
912300060278	BCB500 LED16-4S/740 PSU II A DGR MSP CLO	-
912300060279	BCB500 LED16-4S/830 PSU II A DGR MSP CLO	-
912300060280	BCB500 LED16-4S/740 PSU II S DGR MSP CLO	-

Order Code	Full Product Name	Driver failure rate at 5000 h
912300060281	BCB500 LED16-4S/830 PSU II S DGR MSP CLO	-
912300060282	BCB500 LED10-4S/740 PSU II A DGR MSP CLO	-
912300060283	BCB500 LED10-4S/830 PSU II A DGR MSP CLO	-
912300060284	BCB500 LED10-4S/740 PSU II S DGR MSP CLO	-
912300060285	BCB500 LED10-4S/830 PSU II S DGR MSP CLO	-

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