



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 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.

Benefits

- A discreet design, nicely blending into modern inner-city spaces
- Attractive Total Cost of Ownership
- Compliant with key national and international regulations in Europe

Features

- Enabling wide spacing, up to 20 metres
- Delivering up to 4,300 lm light output
- IP66 and IK10 ratings
- Warm White (WW)/Neutral White (NW) colour temperature options
- Choice of both asymmetric and symmetrical optics
- Ground section accessory

Application

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

Specifications

| | |
|--|------------------------------|
| Ambient Temperature | -40 to +50 °C |
| Main colour of the luminaire | Black |
| Initial correlated colour temperature | 4000 K 3,000 K or 4,000 K |
| Initial input power | 20 W, 37.2 W |
| Initial LED luminaire efficacy | 167, 173 lm/W |

| | |
|------------------------------|----------------------------|
| Initial luminous flux | 2390 lm, 4900 lm |
| Input frequency | 50 to 60 Hz |
| Input voltage | 220-240 V |
| Inrush current (A) | 15, 22 A |
| Material | Housing: aluminum die-cast |
| Warranty period | 5 years 5 years |

Versions



OPTISPACE BOLLARD - LED module 2700 lm



OPTISPACE BOLLARD

Product details



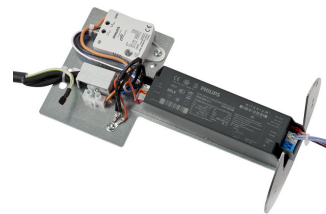
OptiSpace-BCB500 -5DPP.TIF



OptiSpace-BCB500 -1DPP.TIF



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Product details



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OptiSpace-BCB500 -3DPP.TIF



OptiSpace-BCB500 -4DPP.TIF



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OptiSpace-BCB500 -6DPP.TIF



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Accessories



OPTISPACE BOLLARD ACC.

Ordercode 48144500

Approval and Application

| | |
|--|--|
| Mech. impact protection code | IK10 |
| Surge Protection (Common/Differential) | Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

General Information

| | |
|--------------------------|-------------------|
| CE mark | CE mark |
| Light source colour | 740 neutral white |
| Optical cover/lens type | PCC |
| Driver included | Yes |
| Flammability mark | F |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Product Family Code | BCB500 |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|--------|
| Init. Corr. Colour Temperature | 4000 K |
| Init. Colour Rendering Index | >70 |

Light Technical

| | |
|--------------------------------|----|
| Standard tilt angle side entry | 0° |
| Standard tilt angle posttop | - |
| Upward light output ratio | 0 |

Mechanical and Housing

| | |
|--------|-------|
| Colour | Black |
|--------|-------|

General Information

| Order Code | Full Product Name | Luminaire light beam spread | Lamp family code | Optic type |
|------------|------------------------------------|-----------------------------|------------------|--------------|
| 48118600 | BCB500 LED56-4S/740 S DGR | 177° | LED56 | Symmetrical |
| 48120900 | BCB500 LED27-4S/740 ANB14 II A DGR | 7° - 9° x 177° | LED27 | Asymmetrical |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial luminous flux | Order Code | Full Product Name | Initial luminous flux |
|------------|---------------------------|-----------------------|------------|------------------------------------|-----------------------|
| 48118600 | BCB500 LED56-4S/740 S DGR | 4900 lm | 48120900 | BCB500 LED27-4S/740 ANB14 II A DGR | 2390 lm |

