# FlowLine

## BGB330 11K/NW SH DTS-WB C500C

FLOWLINE, Distribution tunnel symmetrical wide beam

Tunnels often require a linear interior lighting solution. FlowLine offers an LED solution where traditionally fluorescent lighting was used. FlowLine outperforms fluorescent lighting over the full life cycle in terms of cost, safety and performance, and is a competitive alternative to HPS point-source interior lighting on total cost of ownership. Its linear build allows continuous or spaced line lighting schemes, providing optimal guidance and a high level of visual comfort. Performance can be further optimized by using FlowLine in combination with our dedicated lighting controls and service packages.

## Product data

### General Information

| | |
|---|---|
| Lamp family code | ECO [LED EconomyLine] |
| Light source replaceable | No |
| Number of gear units | Unit |
| Driver included | No |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Light source engine type | LED |
| Product family code | BGB330 [FLOWLINE] |
| Lighting Technology | LED |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | For mounting on normally flammable surfaces |
| ENEC mark | ENEC mark |

### EU RoHS compliant — Yes

| | |
|---|---|
| EU RoHS compliant | Yes |

### Light Technical

| | |
|---|---|
| Upwards light output ratio | 0 |
| Luminous Flux | 11,504 lm |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Colour Temperature | 4000 K |
| Luminous efficacy (rated) (nom.) | 126 lm/W |
| Colour rendering index (CRI) | ≥70 |
| Light source colour | Neutral white |
| Optical cover type | Tempered glass |
| Luminaire light beam spread | 148° x 148° |
| Optic type outdoor | Distribution tunnel symmetrical wide beam |

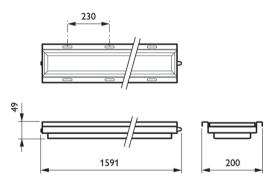### Operating and Electrical

| | |
|---|---|
| Input Voltage | 125 V |

# FlowLine

| | |
|---|---|
| Line Frequency | 0 Hz |
| Inrush current | 0 A |
| Inrush time | 0 ms |
| Power Consumption | 91 W |
| Power Factor (Fraction) | 0.97 |
| Connection | External connector |
| Cable | Cable 0.5 m with cable connector |
| Number of products on MCB of 16 A type B | 1 |

## Temperature

| | |
|---|---|
| Ambient temperature range | –40 to +50 °C |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | – |
| Constant light output | No |

## Mechanical and Housing

| | |
|---|---|
| Housing material | High-grade stainless steel |
| Reflector material | – |
| Optic material | Acrylate |
| Optical cover/lens material | Glass |
| Fixation material | Stainless steel |
| Housing Colour | Steel |
| Mounting device | – |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 1,591 mm |
| Overall width | 210 mm |
| Overall height | 48 mm |

| | |
|---|---|
| Effective projected area | 0.009 m² |
| Dimensions (height x width x depth) | 48 x 210 x 1591 mm |

## Approval and Application

| | |
|---|---|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | – |
| Protection class IEC | Safety class I |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/–7% |
| Initial chromaticity | (0.377, 0.373) SDCM <5 |
| Power consumption tolerance | +/–10% |
| Init. Color Rendering Index Tolerance | +/–2 |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Driver failure rate at 5,000 hours | 0 % |

## Product Data

| | |
|---|---|
| Order product name | BGB330 11K/NW SH DTS-WB C500C |
| Full product name | BGB330 11K/NW SH DTS-WB C500C |
| Full EOC | 871794318333300 |
| Order code | 18333300 |
| Material no. (12 NC) | 912300022971 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8717943183333 |
| Numerator – packs per outer box | 1 |
| EAN/UPC – Case | 8717943183333 |

## Dimensional drawing

# FlowLine

www.lighting.philips.com

2023, April 30 – data subject to change