PHILIPS

Lighting



FlowLine

BGB330 6K/NW SH DTS-NB C500C

FLOWLINE, Distribution tunnel symmetrical narrow 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	1 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

Light Technical	
Upward light output ratio	0
Luminous Flux	6,613 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	≥70
Number of light sources	24
Light source color	Neutral white
Optical cover type	Tempered glass
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution tunnel symmetrical narrow beam

FlowLine

Operating and Electrical	
Input Voltage	70 V
Line Frequency	0 Hz
Inrush current	0 A
Inrush time	0 ms
Power Consumption	52.7 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	Stainless steel high grade
Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Steel
Mounting device	-
Optical cover shape	Flat
Optical cover 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

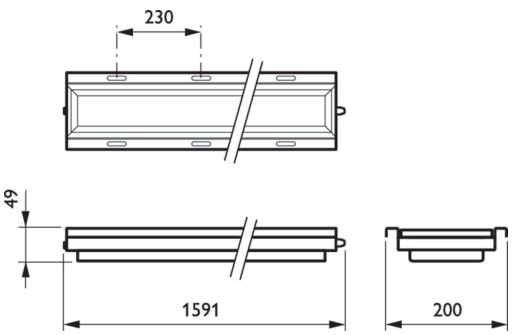
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	-
Protection class IEC	Safety class I

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 5000 h	0 %

Product Data	
Full product code	871794318327200
Order product name	BGB330 6K/NW SH DTS-NB C500C
Order code	912300022965
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300022965
Full product name	BGB330 6K/NW SH DTS-NB C500C
EAN/UPC - Case	8717943183272
EAN/UPC - Product/Case	8717943183272

Dimensional drawing



© 2023 Signify Holding All rights reserved. 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. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2023, September 4 - data subject to change