

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	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	
Upwards light output ratio	0
Luminous Flux	6,613 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	125 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 narrow beam

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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	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

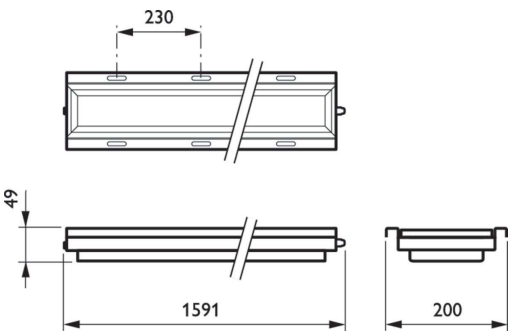
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	-
Protection class IEC	Safety class I

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 6K/NW SH DTS-NB C500C
Full product name	BGB330 6K/NW SH DTS-NB C500C
Full EOC	871794318327200
Order code	18327200
Material no. (12 NC)	912300022965
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8717943183272
Numerator – packs per outer box	1
EAN/UPC - Case	8717943183272

Dimensional drawing





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2023, April 30 - data subject to change