



FlowLine

BGB330 3K/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		Light Technical	
Lamp family code	ECO [LED EconomyLine]	EU RoHS compliant	Yes
Light source replaceable	No	Upwards light output ratio	0
Number of gear units	Unit	Luminous Flux	3,311 lm
Driver included	No	Standard tilt angle post-top	0°
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Standard tilt angle side entry	0°
Light source engine type	LED	Correlated Colour Temperature	4000 K
Product family code	BGB330 [FLOWLINE]	Luminous efficacy (rated) (nom.)	118 lm/W
Lighting Technology	LED	Colour rendering index (CRI)	≥70
CE mark	Yes	Light source colour	Neutral white
Warranty period	5 years	Optical cover type	Tempered glass
Flammability mark	For mounting on normally flammable surfaces	Luminaire light beam spread	148° x 148°
ENEC mark	ENEC mark	Optic type outdoor	Distribution tunnel symmetrical narrow beam

Operating and Electrical	
Input Voltage	34.3 V
Line Frequency	0 Hz
Inrush current	0 A
Inrush time	0 ms
Power Consumption	28.1 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 3K/NW SH DTS-NB C500C
Full product name	BGB330 3K/NW SH DTS-NB C500C
Full EOC	871794318322700
Order code	18322700
Material no. (12 NC)	912300022960
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8717943183227
Numerator – packs per outer box	1
EAN/UPC - Case	8717943183227

Dimensional drawing



