



# **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	
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	3,311 lm
Standard tilt angle post-top	O°
Standard tilt angle side entry	O°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	118 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

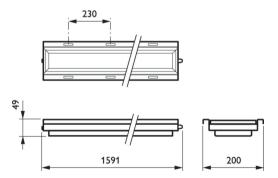
Datasheet, 2023, April 30 data subject to change

#### **FlowLine**

Operating and Electrical		
Input Voltage	34.3 V	
ine Frequency	0 Hz	
nrush current	0 A	
nrush time	0 ms	
Power Consumption	28.1 W	
Power Factor (Fraction)	0.97	
Connection	External connector	
able	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		
Pimmable	No	
Priver/power unit/transformer	-	
Constant light output	No	
Mechanical and Housing		
lousing material	High-grade stainless steel	
Reflector material	-	
Optic material	Acrylate	
Optical cover/lens material	Glass	
ixation material	Stainless steel	
lousing Colour	Steel	
lounting device	-	
ptical 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



#### **FlowLine**



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