



FlowLine

BGB330 6K/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	

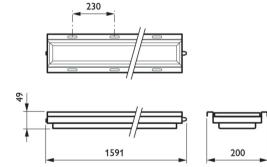
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	6,613 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	O°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	125 lm/W
Colour rendering index (CRI)	≥70
Light source colour	Neutral white
Optical cover type	Tempered glass
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution tunnel symmetrical wide beam
Operating and Electrical	
Input Voltage	70 V

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Line Frequency	0 Hz	Effective projected area
Inrush current	0 A	Dimensions (height x width x depth)
Inrush time	0 ms	
Power Consumption	52.7 W	Approval and Application
Power Factor (Fraction)	0.97	Ingress protection code
Connection	External connector	Mech. impact protection code
Cable	Cable 0.5 m with cable connector	Surge Protection (Common/Differential
Number of products on MCB of 16 A	type B 1	Protection class IEC
Temperature		Initial Performance (IEC Complian
Ambient temperature range	-40 to +50 °C	Luminous flux tolerance
		Initial chromaticity
Controls and Dimming		Power consumption tolerance
Dimmable	No	Init. Color Rendering Index Tolerance
Driver/power unit/transformer	-	
Constant light output	No	Over Time Performance (IEC Com
		Driver failure rate at 5,000 hours
Mechanical and Housing		
Housing material	High-grade stainless steel	Product Data
Reflector material	-	Order product name
Optic material	Acrylate	Full product name
Optical cover/lens material	Glass	Full EOC
Fixation material	Stainless steel	Order code
Housing Colour	Steel	Material no. (12 NC)
Mounting device	-	SAP numerator – quantity per pack
Optical cover/lens shape	Flat	EAN/UPC — Product/Case
Optical cover/lens finish	Clear	Numerator – packs per outer box
Overall length	1,591 mm	EAN/UPC - Case
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-WB C500C		
Full product name	BGB330 6K/NW SH DTS-WB C500C		
Full EOC	871794318328900		
Order code	18328900		
Material no. (12 NC)	912300022966		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8717943183289		
Numerator – packs per outer box	1		
EAN/UPC - Case	8717943183289		

Dimensional drawing



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