



FlowLine

BGB330 LED79-4S/740 SH DTS C500C

FLOWLINE, LED module 7900 lm, LED, 55 W, Distribution tunnel symmetrical, Flat glass, 148° x 148°, Suspension set simple, standard

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	LED79 [LED module 7900 lm]	might automatically dim down to protect components	
Light source replaceable	No	Light source engine type	LED
Number of gear units	-	Product family code	BGB330 [FLOWLINE]
Driver included	No	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire	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	6,800 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution tunnel symmetrical

Operating and Electrical

Input Voltage	- V
Line Frequency	- Hz
Power Consumption	55 W
Connection	Connection unit 3-pole
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type - B	

Temperature

Ambient temperature range	-30 to +40 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	-
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Stainless steel
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Steel
Mounting device	Suspension set simple, standard
Optical cover shape	Flat
Optical cover finish	Clear

Overall length	1,575 mm
Overall width	200 mm
Overall height	49 mm
Effective projected area	0.315 m²
Dimensions (Height x Width x Depth)	49 x 200 x 1575 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	(0.433. 0.403) SDCM <3
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BGB330 LED79-4S/740 SH DTS C500C
Full product name	BGB330 LED79-4S/740 SH DTS C500C
Full product code	871869912029000
Order code	12029000
Material Nr. (12NC)	912300023890
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699120290
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699120290

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Dimensional drawing

