



FlowStar

BGB301 LED399-4S/740 PSD DSM11 D9 MDD

FLOWSTAR MEDIUM, 120, LED module 39900 lm, LED, 250 W, Power supply unit with DALI interface, Distribution symmetrical medium 11, Flat glass, 148° x 148°, DALI, Suspension set simple, standard

Tunnel operators are looking for an LED solution for both interior and entrance lighting that delivers cost, safety and availability benefits over the full lifetime of the product. FlowStar's stainless-steel modular build and dedicated LED design provide a long-lasting and efficient LED alternative to conventional HPS lighting. FlowStar can also be combined with our controls and services for the highest levels of performance.

Product data

General Information		Light source engine type	LED
Lamp family code	LED399 [LED module 39900 lm]	Product family code	BGB301 [FLOWSTAR MEDIUM]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	2 units	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	*-Per Lighting Europe guidance paper	Flammability mark	For mounting on normally flammable surfaces
	"Evaluating performance of LED based	ENEC mark	ENEC mark
	luminaires - January 2018": statistically there	EU RoHS compliant	Yes
	is no relevant difference in lumen		
	maintenance between B50 and for example	Light Technical	
	B10. Therefore, the median useful life (B50)	Upward light output ratio	0
	value also represents the B10 value. * At	Luminous Flux	33,200 lm
	extreme ambient temperatures the luminaire	Standard tilt angle posttop	0°
	might automatically dim down to protect	Standard tilt angle side entry	0°
	components	Correlated Color Temperature (Nom)	4000 K

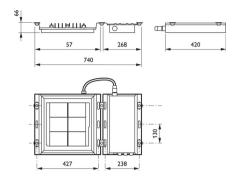
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Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	>70
Number of light sources	120
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution symmetrical medium 11
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	250 W
Power Factor (Fraction)	0.99
Connection	Mains outlet socket and 2 DALI sockets
Cable	-
Number of products on MCB of 16 A type	4
В	
Temperature	
Ambient temperature range	-30 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	725 mm
Overall length	/25 [1][1]

Overall width	420 mm
Overall height	66.5 mm
Effective projected area	0.3045 m²
Dimensions (Height x Width x Depth)	67 x 420 x 725 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)	Philips standard surge protection level
Protection class IEC	Safety class I
Initial Performance (IEC Compliant))
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.433. 0.403) SDCM <3
Power consumption tolerance	+/-10%
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Dimensional drawing





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