



FlowStar

BGB300 LED660-4S/740 SH DSM11

FLOWSTAR LARGE, 200, LED module 66000 lm, LED, 415 W, Distribution symmetrical medium 11, Flat glass, 148° x 148°, 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		Service tag
Lamp family code	LED660 [LED module 66000 lm]	Product family code
Light source replaceable	No	Lighting Technology
Number of gear units	-	CE mark
Driver included	No	Warranty period
Remarks	*-Per Lighting Europe guidance paper	Flammability mark
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	ENEC mark
	is no relevant difference in lumen	EU RoHS compliant
	maintenance between B50 and for example	
	B10. Therefore, the median useful life (B50)	Light Technical
	value also represents the B10 value. * At	Upward light output r
	extreme ambient temperatures the luminaire	Luminous Flux
	might automatically dim down to protect	Standard tilt angle po
	components	Standard tilt angle sig
Light source engine type	LED	Correlated Color Tem

Service tag	Yes
Product family code	BGB300 [FLOWSTAR LARGE]
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	
Upward light output ratio	0
Luminous Flux	54,780 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	>70
Number of light sources	200
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	- V
Line Frequency	- Hz
Inrush current	0 A
Inrush time	0 ms
Power Consumption	415 W
Power Factor (Fraction)	1
Connection	Connection unit 7-pole
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type	-
В	
Temperature	
Ambient temperature range	-30 to +40 °C
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	457 mm

Overall width	620 mm
Overall height	66.5 mm
Effective projected area	0.2833 m²
Dimensions (Height x Width x Depth)	67 x 620 x 457 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proo
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
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Control gear failure rate at median useful	
Over Time Performance (IEC Compli Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	10 %
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	10 % L95
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions	10 % L95 25 ℃
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	10 % L95 25 ℃
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	10 % L95 25 °C Not applicable
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	10 % L95 25 °C Not applicable BGB300 LED660-45/740 SH DSM11
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	10 % L95 25 ℃ Not applicable BGB300 LED660-4S/740 SH DSM11 BGB300 LED660-4S/740 SH DSM11
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	10 % L95 25 ℃ Not applicable BGB300 LED660-45/740 SH DSM11 BGB300 LED660-45/740 SH DSM11 871869912039900
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	10 % L95 25 °C Not applicable BGB300 LED660-4\$/740 SH DSM11 BGB300 LED660-4\$/740 SH DSM11 871869912039900 912300023901
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	10 % L95 25 °C Not applicable BGB300 LED660-4S/740 SH DSM11 BGB300 LED660-4S/740 SH DSM11 871869912039900 912300023901 912300023901
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	10 % L95 25 ℃ Not applicable BGB300 LED660-4S/740 SH DSM11 BGB300 LED660-4S/740 SH DSM11 871869912039900 912300023901 912300023901 1
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	10 % L95 25 ℃ Not applicable BGB300 LED660-4S/740 SH DSM11 BGB300 LED660-4S/740 SH DSM11 871869912039900 912300023901 912300023901 1 8718699120399

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Dimensional drawing



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