



# **FlowStar**

## BGB300 LED660-4S/740 SH DSM11

FLOWSTAR LARGE, 200, LED module 66000 lm, LED, 415 W, Distribution symmetrical medium 11, Flat glass,  $148^{\circ}$  x  $148^{\circ}$ , 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	
Lamp family code	LED660 [LED module 66000 lm]
Light source replaceable	No
Number of gear units	-
Driver included	No
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. $^{\ast}$ At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED

Yes
BGB300 [FLOWSTAR LARGE]
LED
Yes
5 years
For mounting on normally flammable
surfaces
ENEC mark
Yes
0
54,780 lm
-
O°
4000 K

Datasheet, 2023, April 30 data subject to change

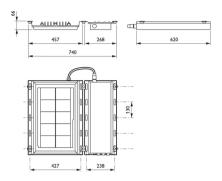
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Luminous F# as as (waterd) (Nova)	122 Inc //M
Luminous Efficacy (rated) (Nom)	132 lm/W
Color rendering index (CRI)	>70
Number of light sources	200
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution symmetrical medium 11
On anything and Electrical	
Operating and Electrical	- V
Input Voltage	
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 ℃
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	-
Control interface	<del>-</del>
Constant light output	No
Management and Harrison	
Mechanical and Housing	Chairless shoul
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-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
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L95
life* 100000 h	
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BGB300 LED660-4S/740 SH DSM11
Full product name	BGB300 LED660-4S/740 SH DSM11
Full product code	871869912039900
Order code	12039900
Material Nr. (12NC)	912300023901
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699120399
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699120399

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#### Dimensional drawing





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