



FlowStar

BGB302 LED250-4S/740 PSD DSM11 D9 MDD

FlowStar, Tunnel light, 150 W, 19920 lm, 4000 K, CRI70, DALI, Distribution symmetrical medium 11, Safety class I, IP66, STD

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	LED250 [LED module 25000 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	5 years
Sustainability rating	Unclassified
Light Technical	
Upward light output ratio	0
Luminous Flux	19,920 lm
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	148° x 148°
Optic type outdoor	Distribution symmetrical medium 11
Effective projected area	0.232 m ²
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	150 W
Power Factor (Fraction)	0.99
Connection	Mains outlet socket and 2 DALI sockets
Cable	-
Number of products on MCB of 16 A type B	8

Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Standard surge protection level
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Maximum dim level	10%
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 width	320 mm
Overall height	66.5 mm
Dimensions (Height x Width x Depth)	67 x 320 x 725 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	12.350 kg
Approval and Application	
Flammability mark	For mounting on normally flammable surfaces

CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-30 to +40 °C

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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L95

Product Data

Order product name	BGB302 LED250-4S/740 PSD DSM11 D9 MDD
Full product name	BGB302 LED250-4S/740 PSD DSM11 D9 MDD
Full product code	871951423920300
Order code	912300060085
Material Nr. (12NC)	912300060085
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514239203
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514239203
Product family code	BGB302 [FLOWSTAR SMALL]

Dimensional drawing



