



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 % |
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| 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 ℃ |
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Dimensional drawing



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