



FlowStar Gen2: keep traffic moving safely in critical tunnel lighting conditions

For the most demanding conditions, where corrosion is a real threat, tunnel owners want tunnel luminaires that deliver cost, safety and availability benefits over their entire lifetime. With a high-grade, corrosion-resistant, full stainless steel build and dedicated LED design, FlowStar Gen2 delivers all that – and more. FlowStar Gen2 is part of the TotalTunnel solution. Combined with lighting controls, cables and our lifecycle services, these tunnel luminaires offer the highest levels of performance with exactly the right balance of visibility, safety and economy. And thanks to a high lumen output, they can also reduce the number of project luminaires required without compromising safety. A long-lasting and highly-efficient solution for tunnel lighting or underpass lighting that will keep traffic safe and moving.

Benefits

- Reliable and long-lasting for traffic tunnels in highly corrosive environments
- Undisputed corrosion resistance, full stainless steel build
- Highly efficient to reduce energy consumption

- High lumen output to reduce number of project luminaires
- Easy to clean, and self-drainable top

Applications

- Tunnel
- Underpass

Features

- High-grade stainless-steel housing with no external aluminum parts
- Flat top, no ribs of fins
- Wide choice of excellent quality optics

- Flexible mounting with quick release for easy maintenance
- Compatible with tunnel controls from and third parties
- Service tag: QR-based identification for maintenance, installation and spare part information

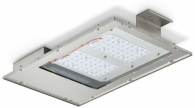
Versions



BGB308 FlowStar Gen2
Large

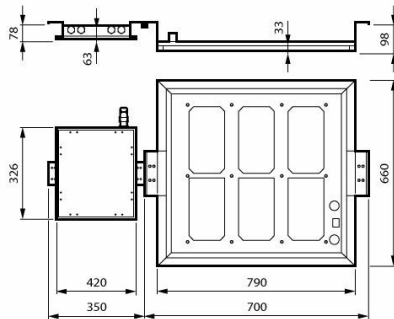


BGB307 FlowStar Gen2
Medium

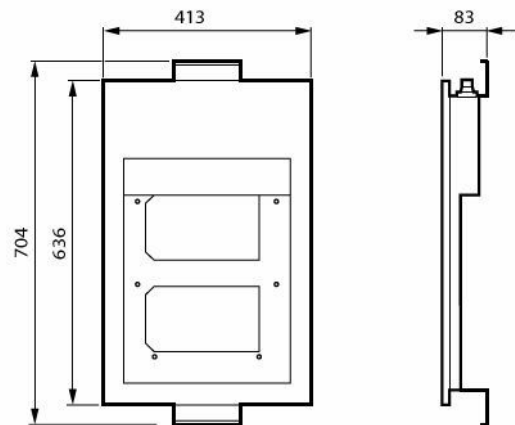


BGB306 FlowStar Gen2
Small

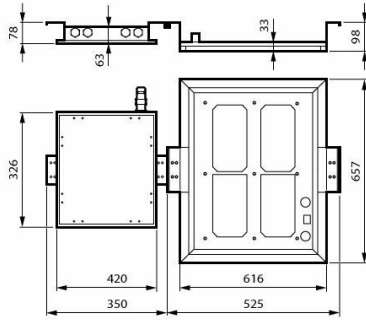
Dimensional drawing



FlowStar GEN2 LARGE - LED module 72000 lm - LED - Power supply unit with DALI interface - Asymmetrical - Glass flat with frame - 152° x 155° - DALI - Baseplate



FlowStar GEN2 SMALL - LED module 23000 lm - LED - Power supply unit with DALI interface - Distribution symmetrical medium 11 - Glass flat with frame - 101° x 158° - DALI - Baseplate

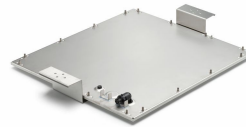


FlowStar GEN2 MEDIUM - LED module 50000 lm - LED - Power supply unit with DALI interface - Distribution symmetrical medium 11 - Glass flat with frame - 101° x 158° - DALI - Baseplate

Product details



BGB307_FlowStar Gen2
LED unit
Medium_interfaces



BGB308_FlowStar Gen2
LED unit Large_Interfaces



BGB306_FlowStar Gen2
Small_Backside



BGB305_FlowStar Gen2
Mini_Backside details

General Information

Light source replaceable	Yes
Driver included	Yes
Service tag	Yes

Light Technical

Upward light output ratio	0
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Light source color	740 neutral white

Operating and Electrical

Surge Protection (Common/Differential) Standard surge protection level

Controls and Dimming

Dimmable Yes
Maximum dim level 10%

Mechanical and Housing

Housing Color Steel
Ingress protection code IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code IK09 [10 J]
Standard tilt angle posttop -
Standard tilt angle side entry 0°
Optical cover type Glass flat with frame

Approval and Application

Flammability mark For mounting on normally flammable surfaces
CE mark Yes

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units
912300060015	BGB308 LED720/740 DTX1-HT D9 STD MICIO F	LED720	3 units
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	LED500	1 unit
912300060014	BGB306 LED230/740 DSM11 D9 MICIO FU BA	LED230	1 unit
912300060126	BGB306 LED230/740 DSM11 D9 STD MICIO FU	LED230	1 unit

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminaire light beam spread	Optic type outdoor
912300060015	BGB308 LED720/740 DTX1-HT D9 STD MICIO F	57,600 lm	152° x 155°	Asymmetrical
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	40,500 lm	101° x 158°	Distribution symmetrical medium 11
912300060014	BGB306 LED230/740 DSM11 D9 MICIO FU BA	20,010 lm	101° x 158°	Distribution symmetrical medium 11
912300060126	BGB306 LED230/740 DSM11 D9 STD MICIO FU	18,860 lm	101° x 158°	Distribution symmetrical medium 11

Operating and Electrical

Order Code	Full Product Name	Power Consumption
912300060015	BGB308 LED720/740 DTX1-HT D9 STD MICIO F	425 W
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	300 W
912300060014	BGB306 LED230/740 DSM11 D9 MICIO FU BA	136 W
912300060126	BGB306 LED230/740 DSM11 D9 STD MICIO FU	136 W

Product Data

Order Code	Full Product Name	Product family code
912300060015	BGB308 LED720/740 DTX1-HT D9 STD MICIO F	BGB308
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	BGB307
912300060014	BGB306 LED230/740 DSM11 D9 MICIO FU BA	BGB306
912300060126	BGB306 LED230/740 DSM11 D9 STD MICIO FU	BGB306