



# FlowStar GEN2 – Keep traffic safe in critical conditions

## FlowStar Gen2

For the most demanding conditions, where corrosion is a real threat, tunnel owners look for a lighting solution that delivers cost, safety and availability benefits over the full lifetime. The full stainless-steel build and dedicated LED design of FlowStar GEN2 ensures a long-lasting and efficient tunnel lighting solution that keeps traffic safe and moving. FlowStar GEN2 is part of Philips' TotalTunnel solution. Combined with our controls, cables and services the highest levels of performance can be provided.

### Benefits

- Highly efficient lighting solution to reduce energy consumption
- High lumen output to reduce number of project luminaires
- Long-lasting, highly efficient lighting solution for the whole tunnel
- Flat top to allow easy cleaning
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

### Features

- High grade stainless steel housing without any aluminum parts on the outside
- Wide range and excellent quality optics
- Flexible mounting solution, quick release for easy maintenance
- Compatible with Philips' tunnel controls and options for third-party controls

### Application

- Traffic tunnels and underpasses

# FlowStar Gen2

## Versions



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



FlowStar GEN2 MINI - LED module 13000 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



BGB306\_FlowStar Gen2 Small\_Backside



BGB305\_FlowStar Gen2 Mini\_Backside details



BGB308\_FlowStar Gen2 LED unit Large\_Interfaces



BGB305\_FlowStar Gen2 Mini\_Backside



BGB307\_FlowStar Gen2 LED unit Medium\_interfaces



EGB307\_FlowStar Gen2 Driver unit Medium\_Backside details

# FlowStar Gen2

## Product details

EGB307\_FlowStar Gen2 Driver unit  
Medium\_interfaces



EGB308\_FlowStar Gen2 Driver unit Large\_interfaces



EGB308\_FlowStar Gen2 Driver unit Large\_Backside details



## Application conditions

Maximum dim level	10%
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## Approval and application

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Philips standard surge protection level

## Controls and dimming

Dimmable	Yes
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## General information

CE mark	CE mark
Light source color	740 neutral white
Optical cover/lens type	Glass flat with frame
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes

## Initial performance (IEC compliant)

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70

## Light technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	-
Upward light output ratio	0

## Mechanical and housing

Color	Steel
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## General information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of gear units	Optic type
912300060014	BGB306 LED230/740 DSM11 D9 MICIO FU BA	101° x 158°	LED230	1 unit	Distribution symmetrical medium 11
912300060126	BGB306 LED230/740 DSM11 D9 STD MICIO FU	101° x 158°	LED230	1 unit	Distribution symmetrical medium 11
912300060015	BGB308 LED720/740 DTX1-HT D9 STD MICIO F	152° x 155°	LED720	3 units	Asymmetrical
912300060125	BGB305 LED130/740 DSM11 D9 MICIO FU BA	101° x 158°	LED130	1 unit	Distribution symmetrical medium 11
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	101° x 158°	LED500	1 unit	Distribution symmetrical medium 11

## General information (2/2)

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

Order Code	Full Product Name	Product Family Code
912300060125	BGB305 LED130/740 DSM11 D9 MICIO FU BA	BGB305
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	BGB307

## Initial performance (IEC compliant)

Order Code	Full Product Name	Initial luminous flux
912300060014	BGB306 LED230/740 DSM11 D9 MICIO FU BA	20010 lm
912300060126	BGB306 LED230/740 DSM11 D9 STD MICIO FU	18860 lm
912300060015	BGB308 LED720/740 DTX1-HT D9 STD MICIO F	57600 lm

Order Code	Full Product Name	Initial luminous flux
912300060125	BGB305 LED130/740 DSM11 D9 MICIO FU BA	11180 lm
912300060127	BGB307 LED500/740 DSM11 D9 STD MICIO FU	40500 lm

