



# FlowStar Large

## EGB302 LED105--4S PSD D9 MDD

FLOWSTAR SMALL - LED module 10500 lm - 4th generation, screw fixation - Power supply unit with DALI interface - Basic version - Dimming via external communication DALI - Mains outlet socket and 2 DALI sockets

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	LED105 [ LED module 10500 lm]
Lamp version	4S [ 4th generation, screw fixation]
Light source colour	-
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes
Optical cover/lens type	No [ -]
Control interface	DALI
Light regulation	Dimming via external communication DALI
Connection	MDD [ Mains outlet socket and 2 DALI sockets]
Cable	-
Protection class IEC	Safety class I (I)

Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Material	Aluminum
Outdoor optic type	-
Constant light output	No
Number of products on MCB	11
Accessory colour	Aluminum
Product Family Code	EGB302 [ FLOWSTAR SMALL]

### Light Technical

Standard tilt angle post-top	0°
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Standard tilt angle side entry	0°
<b>Operating and Electrical</b>	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power factor (min.)	0.9
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Housing configuration	BV [ Basic version]
Housing material	Stainless steel
Reflector material	-
Optic material	-
Optical cover/lens material	-
Fixation material	Stainless steel
Mounting device	SMS [ Suspension set simple, standard]
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall length	268 mm
Overall width	320 mm
Overall height	66.5 mm
Effective projected area	0.0857 m <sup>2</sup>
Colour	Steel
Dimensions (height x width x depth)	67 x 320 x 268 mm (2.6 x 12.6 x 10.6 in)

## 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)	Philips standard surge protection level kV

## Initial Performance (IEC Compliant)

Initial input power	67 W
Power consumption tolerance	+/-11%

## Application Conditions

Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	10%

## Product Data

Full product code	871869912046700
Order product name	EGB302 LED105--4S PSD D9 MDD
EAN/UPC – product	8718699120467
Order code	12046700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023908
Net weight (piece)	4.750 kg

