



# TunLite LED GEN2

## BGP286 LED280/740 DM12 ALU D9 SRG C1KC5

TunLite LED GEN2, Tunnel light, 172 W, 23240 lm, 4000 K, CRI70, DALI, Distribution medium 12, Safety class I, IP66, SRG10-10

Tunnel light, Aluminum die cast, Aluminum, Mounting bracket quick-release, medium, Power supply unit with DALI interface, 23240 lm, 172 W, 138 lm/W, 4000 K, (0.38, 0.38) SDCM <5, CRI70, Distribution medium 12, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 10 kV differential mode and 10 kV common mode, Cable 1.5 m with push-in connector 5-pole, External connector

### Product data

General Information		Light source color	
Lamp family code	LED280 [LED module 28000 lm]	Light source color	740 neutral white
Light source replaceable	No	Luminaire light beam spread	88° x 157°
Number of gear units	2 units	Optic type outdoor	Distribution medium 12
Driver included	Yes	Effective projected area	0.15 m <sup>2</sup>
Light source engine type	LED	Operating and Electrical	
Service tag	Yes	Input Voltage	220 to 240 V
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Warranty period	5 years	Inrush current	53 A
		Inrush time	0.3 ms
		Power Consumption	172 W
		Power Factor (Fraction)	0.91
		Connection	External connector
		Cable	Cable 1.5 m with push-in connector 5-pole
		Number of products on MCB of 16 A type	4
		B	

## TunLite LED GEN2

Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI
Maximum dim level	10%

### Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Steel
Housing Color	Aluminum
Mounting device	Mounting bracket quick-release, medium
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	340.5 mm
Overall width	422 mm
Overall height	67.4 mm
Dimensions (Height x Width x Depth)	67 x 422 x 341 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)	7.800 kg

### Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +50 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Standard Deviation of Colour Matching (McAdam ellipse)	SDCM<5
--	--------

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75000 h	7.5 %
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

### Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	107 kg CO <sub>2</sub> e
Product non-virgin material ratio	14.7 %
Recyclable content ratio of the finished product	33.2 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kWh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kWh)

### Product Data

Order product name	BGP286 LED280/740 DM12 ALU D9 SRG CIK5
Full product name	BGP286 LED280/740 DM12 ALU D9 SRG CIK5
Full product code	872016903871400
Order code	03871400
Material Nr. (12NC)	912300058452
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169038714
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169038714
Product family code	BGP286 [TUNLITE LED GEN2 LARGE]

# TunLite LED GEN2

## Dimensional drawing

