



TunLite LED Gen2: a cost-effective solution for tunnel and underpass lighting

TunLite LED Gen2 is a highly cost-effective tunnel lighting solution that combines outstanding energy efficiency, long lifetime, and a low-maintenance design to minimize total cost of ownership. With flexible lumen packages across three housing sizes, easy below-access serviceability, robust IP66/IK08 protection, and advanced optics for precise light distribution, it ensures optimal performance in demanding environments. DALI control, QR-based identification, ENEC certification, and a 5-year warranty make it a smart, future-proof investment for reliable and efficient tunnel illumination.

Benefits

- Low initial investment for a standard tunnel lighting system
- Reliable quality for a long lifetime
- Complete size range covers all tunnel lighting applications

Applications

- Tunnel
- Underpass

Features

- Outstanding efficiency and longevity, maximizing savings on energy and maintenance.
- Optic and lumen range that suits any tunnel geometries
- Plug and play installation - simple flying lead fitted with connector

Versions



BGP285_TunLite LED
Gen2_Medium

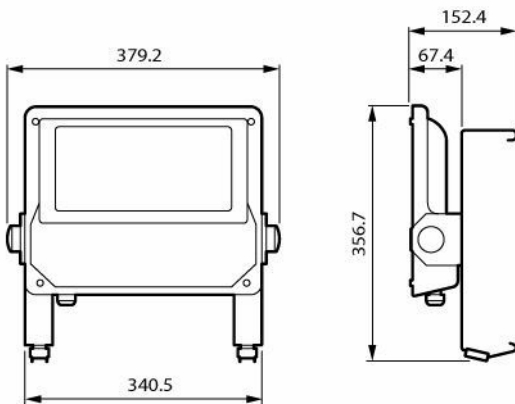


BGP287_TunLite LED
Gen2_Xlarge

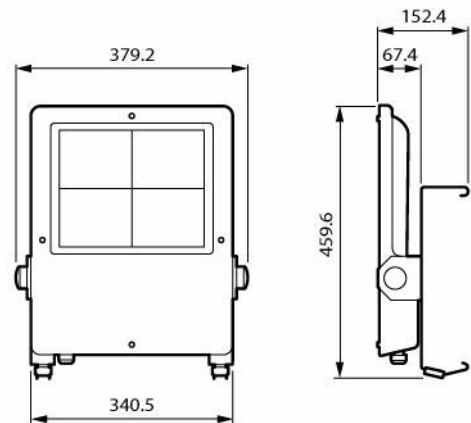


BGP286_TunLite LED
Gen2_Large

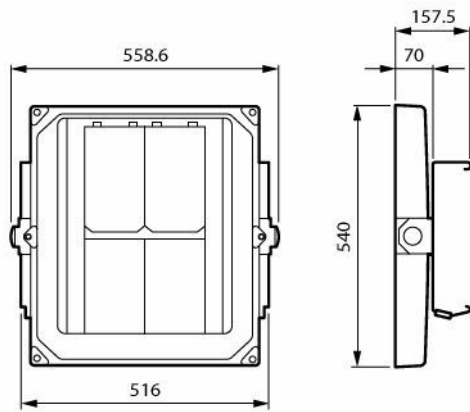
Dimensional drawing



TUNLITE LED GEN2 MEDIUM - LED module 14000 lm - LED - Power supply unit with DALI interface - Distribution medium 12 - Flat glass - 88° x 157° - DALI - Mounting bracket adjustable



TUNLITE LED GEN2 LARGE - LED module 28000 lm - LED - Power supply unit with DALI interface - Distribution medium 12 - Flat glass - 88° x 157° - DALI - Mounting bracket adjustable



TUNLITE LED GEN2 XLARGE - LED module 52000 lm - LED -
 Power supply unit with DALI interface - Distribution medium 12
 - Flat glass - 88° x 157° - DALI - Mounting bracket adjustable

Product details



BGP286_TunLite LED
 Gen2_Large



BGP285_TunLite LED
 Gen2_Medium



BGP287_TunLite LED
 Gen2_Xlarge

General Information

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
Luminaire light beam spread	88° x 157°
Optic type outdoor	Distribution medium 12

Operating and Electrical

Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode and 10 kV common mode
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Controls and Dimming

Dimmable	Yes
Maximum dim level	10%

Mechanical and Housing

Housing Color	Aluminum
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass

Approval and Application

CE mark	Yes
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General Information

Order Code	Full Product Name	Lamp family code	Light source replaceable	Number of gear units
03870700	BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	LED140	No	1 unit
03872100	BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	LED380	Yes	2 units
03873800	BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	LED520	Yes	2 units
03871400	BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	LED280	No	2 units

Light Technical

Order Code	Full Product Name	Luminous Flux
03870700	BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	11,620 lm
03872100	BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	33,060 lm
03873800	BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	44,200 lm
03871400	BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	23,240 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
03870700	BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	86 W
03872100	BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	230 W
03873800	BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	315 W
03871400	BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	172 W

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
03870700	BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	IK08
03872100	BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	IK09
03873800	BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	IK09
03871400	BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	IK08

Approval and Application

Order Code	Full Product Name	Flammability mark
03870700	BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	For mounting on normally flammable surfaces
03872100	BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	For mounting on easily flammable surfaces
03873800	BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	For mounting on easily flammable surfaces
03871400	BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	For mounting on normally flammable surfaces

Product Data

Order Code	Full Product Name	Product family code
03870700	BGP285 LED140/740 DM12 ALU D9 SRG C1KC5	BGP285
03872100	BGP287 LED380/740 DM12 ALU D9 SRG C1KC5	BGP287
03873800	BGP287 LED520/740 DM12 ALU D9 SRG C1KC5	BGP287
03871400	BGP286 LED280/740 DM12 ALU D9 SRG C1KC5	BGP286