



Philips TubePoint Gen2: versatile, high-performance and long-lasting tunnel lighting

TubePoint gen2

Many tunnel authorities have outdated tunnel lighting installations that urgently need replacing, but have only a limited budget to achieve this. Philips TubePoint Gen2 is the perfect solution. It's a cost-effective solution that's the result of years of experience in tunnel lighting and underpass lighting, combined with the latest technologies developed by Philips. With its modular design and state-of-the-art LED architecture, TubePoint Gen2 is a versatile, cost-effective luminaire that meets the most stringent tunnel lighting requirements. Manufactured from the highest-quality components that are specifically designed for tunnels, these tunnel luminaires promise a long lifetime, great performance and low maintenance costs. The lighting efficiency and wide choice of optics means that the number of luminaires required for an installation can be reduced significantly compared with conventional solutions. And a high lumen per watt ratio at system level improves the total cost of ownership. TubePoint Gen2 is part of the Philips TotalTunnel solution for complete tunnel lighting. A solution you can trust for versatile, high-performance lighting in traffic tunnels.

Benefits

- A versatile luminaire range suitable for all types of traffic tunnels
- Economical LED solution for point-source tunnel lighting schemes
- High performance and efficiency
- Quick and easy mounting

TubePoint gen2

Features

- Wide range of optics and lumen packages
- Mounting and connectivity options
- Option of a remote driver
- Compatible with tunnel controls from Philips and third parties
- Service tag: QR-based identification for maintenance, installation and spare part information

Application

- Tunnel
- Underpass

Versions



TubePoint GEN2-BGP235



TubePoint GEN2-BGP236

Dimensional drawing

TubePoint gen2

Product details



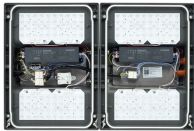
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TubePoint_GEN2-BGP235_BA_SO-8DPP.TIF



TubePoint_GEN2-BGP235_MBQ_S-DPP.TIF



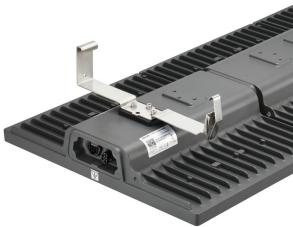
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TubePoint gen2

Product details



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General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Light Technical	
Luminaire light beam spread	101° x 158°
Light source colour	740 neutral white
Correlated Colour Temperature	4000 K
Optical cover type	Flat glass
Colour rendering index (CRI)	>70
Optic type outdoor	Distribution symmetrical medium 11
Standard tilt angle side entry	0°
Standard tilt angle post-top	-
Upwards light output ratio	0
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Colour	Dark grey
Approval and Application	
Mech. impact protection code	IK09
Ingress protection code	IP66
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	0.5 %
Application Conditions	
Maximum dim level	10%

General Information

Order Code	Full Product Name	Lamp family code	Number of gear units	Product family code
48294700	BGP235 LED180-4S/740 DSM11 D9 MIO-CIO MB	LED180	Unit	BGP235
48296100	BGP236 LED360-4S/740 DSM11 D9 MIO-CIO MB	LED360	2 units	BGP236

Light Technical

Order Code	Full Product Name	Luminous Flux	Number of light sources
48294700	BGP235 LED180-4S/740 DSM11 D9 MIO-CIO MB	14,940 lm	56

Order Code	Full Product Name	Luminous Flux	Number of light sources
48296100	BGP236 LED360-4S/740 DSM11 D9 MIO-CIO MB	29,880 lm	112

Operating and Electrical

TubePoint gen2

Order Code	Full Product Name	Power Consumption
48294700	BGP235 LED180-4S/740 DSM11 D9 MIO-CIO MB	104 W

Order Code	Full Product Name	Power Consumption
48296100	BGP236 LED360-4S/740 DSM11 D9 MIO-CIO MB	210 W

