PHILIPS Lighting



TubePoint gen2

BGP237 LED540-4S/740 DSM11 D9 MIO-CIO MB

TubePoint GEN2 Large, LED module 54000 lm, 740 neutral white, Power supply unit with DALI interface, Safety class I, Distribution symmetrical medium 11, Dark grey

Many tunnel authorities have outdated tunnel lighting installations that urgently need replacing, but have only a limited budget to achieve this.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 highestquality 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.

Product data

General Information	
Lamp family code	LED540 [LED module 54000 lm]
Light source replaceable	Yes
Number of gear units	3 units
Driver included	Yes
Light source engine type	LED
Product family code	BGP237 [TubePoint GEN2 Large]

Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

TubePoint gen2

EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	44,820 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	O°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	142 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	101° x 158°
Optic type outdoor	Distribution symmetrical medium 11

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	315 W
Power Factor (Fraction)	0.99
Connection	-
Cable	-
Number of products on MCB of 16 A type B	2

Temperature

Ambient temperature range

Controls and Dimming

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Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

-30 to +50 °C

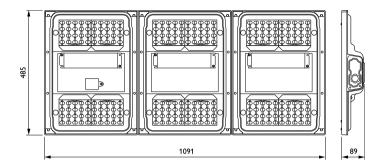
Mechanical and Housing

Aluminium die cast
Polycarbonate
Glass
itainless steel
Dark grey
Nounting bracket
lat
Clear

1,090.6 mm 485.5 mm 89.5 mm 0.53 m² 90 x 486 x 1091 mm
89.5 mm 0.53 m²
0.53 m²
90 x 486 x 1091 mm
IP66 [Dust penetration-protected, jet-
proof]
IK09 [10 J]
Luminaire surge protection level up to 6 k
differential mode and 6 kV common mode
Safety class I
+/-7%
(0.3818, 0,3796) SDCM<3
+/-10%
+/-2
0.5 %
L97
25 ℃
10%
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CIO MB
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TubePoint gen2

Dimensional drawing





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