



TubePoint gen2

BGP235 LED240-4S/740 DSM11 D9 MIO-CIO MB

TubePoint GEN2 Small, LED module 24000 lm, 740 neutral white, Power supply unit with DALI interface, Safety class I, Distribution symmetrical medium 11, Dark gray

Many tunnel authorities have outdated tunnel lighting installations that urgently need replacing, but have only a limited budget to achieve it. Philips TubePoint Gen2 is the perfect solution. It's the 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 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	LED240 [LED module 24000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes

BGP235 [TubePoint GEN2 Small]
LED
Specification
Yes
5 years
For mounting on normally flammable
surfaces

Datasheet, 2023, December 5 data subject to change

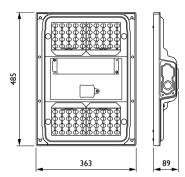
TubePoint gen2

ENEC mark	Optical cover finish
Yes	Overall length
	Overall width
	Overall height
0	Effective projected area
19,680 lm	Dimensions (Height x Width x
-	
O°	Approval and Application
4000 K	Ingress protection code
137 lm/W	
>70	Mech. impact protection code
80	Surge Protection (Common/D
740 neutral white	<u></u>
Flat glass	Protection class IEC
101° x 158°	
Distribution symmetrical medium 11	Initial Performance (IEC C
	Luminous flux tolerance
	Initial chromaticity
220-240 V	Power consumption tolerance
50 to 60 Hz	Init. Color Rendering Index To
53 A	
0.3 ms	Over Time Performance (
144 W	Driver failure rate at 5000 h
0.99	Control gear failure rate at m
-	life 100000 h
-	Lumen maintenance at media
8	100000 h
	Application Conditions
-30 to +50 °C	Performance ambient temper
	Maximum dim level
	-
Yes	Product Data
Power supply unit with DALI interface	Order product name
DALI	-
No	Full product name
	Full product code
Aluminum die sast	Order code
	Material Nr. (12NC)
	Numerator - Quantity Per Pa
	EAN/UPC - Product/Case
Glass	Numerator - Packs per outer
Chairle an atrail	
Stainless steel	
Stainless steel Dark gray Mounting bracket	EAN/UPC - Case
	Yes 0 19,680 lm - 0° 4000 K 137 lm/W >70 80 740 neutral white Flat glass 101° x 158° Distribution symmetrical medium 11 220-240 V 50 to 60 Hz 53 A 0.3 ms 144 W 0.99 8 -30 to +50 °C Yes Power supply unit with DALI interface DALI

Optical cover finish	Clear
Overall length	363.5 mm
Overall width	485.5 mm
Overall height	89.5 mm
Effective projected area	0.18 m²
Dimensions (Height x Width x Depth)	90 x 486 x 364 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 6 kV common mode
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.3818, 0,3796) SDCM<3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	nt)
Driver failure rate at 5000 h	0.53 %
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life $\!\!\!\!^*$	L96
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	
Maximum dim tevet	10%
Maximum um tevet	10%
Product Data	10%
	10% BGP235 LED240-4S/740 DSM11 D9 MIO-
Product Data	
Product Data	BGP235 LED240-4S/740 DSM11 D9 MIO-
Product Data Order product name	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB
Product Data Order product name	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO-
Product Data Order product name Full product name	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB
Product Data Order product name Full product name Full product code	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB 871869948295400
Product Data Order product name Full product name Full product code Order code	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB 871869948295400 912300024113
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB 871869948295400 912300024113 912300024113
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB 871869948295400 912300024113 912300024113
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB BGP235 LED240-4S/740 DSM11 D9 MIO- CIO MB 871869948295400 912300024113 912300024113 1 8718699482954

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Dimensional drawing





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