



TubePoint gen2

BGP235 LED30-4S/740 DSM11 D9 MIO-CIO MBQ

TubePoint gen2, Tunnel light, 18.8 W, 2520 lm, 4000 K, CRI70, DALI, Distribution symmetrical medium 11, Safety class I, IP66, SRG6-6

Many tunnel authorities have outdated tunnel lighting installations that urgently need replacing, but have only a limited budget to achieve it.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	LED30 [LED module 3000 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
Service tag	Yes	

Lighting Technology	LED	
Value ladder	Specification	
Serviceability class	Class A, luminaire is equipped with	
	serviceable parts (when applicable): LED	
	board, driver, control units, surge protection	
	device, optics, front cover and mechanical	
	parts	

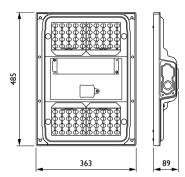
Datasheet, 2025, January 20 data subject to change

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Warranty period	5 years	Dimensions (Height x Width x Depth)	90 x 486 x 364 mm
Sustainability rating	Lighting for circularity	Ingress protection code	IP66 [Dust penetration-protected, jet-
		3,	proof]
Light Technical		Mech. impact protection code	IK09 [10 J]
Upward light output ratio	0	Standard tilt angle posttop	-
Luminous Flux	2,520 lm	Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K	Optical cover type	Flat glass
Luminous Efficacy (rated) (Nom)	133 lm/W	Net Weight (Piece)	7.000 kg
Color rendering index (CRI)	70		
Number of light sources	20	Approval and Application	
Light source color	740 neutral white	Flammability mark	For mounting on normally flammable
Luminaire light beam spread	101° x 158°		surfaces
Optic type outdoor	Distribution symmetrical medium 11	CE mark	Yes
Effective projected area	0.18 m²	ENEC mark	ENEC mark
		EU RoHS compliant	Yes
Operating and Electrical		Performance ambient temperature Tq	25 ℃
Input Voltage	220-240 V	Ambient temperature range	-30 to +50 °C
Line Frequency	50 to 60 Hz		
Inrush current	21 A	Initial Performance (IEC Compliant)	
Inrush time	0.225 ms	Luminous flux tolerance	+/-7%
Power Consumption	18.8 W	Initial chromaticity	(0.3818, 0,3796) SDCM<3
Power Factor (Fraction)	0.95	Power consumption tolerance	+/-10%
Connection	-	Init. Color Rendering Index Tolerance	+/-2
Cable	-	Standard Deviation of Colour Matching	SDCM≤3
Number of products on MCB of 16 A type E	3 26	(McAdam ellipse)	
Protection class IEC	Safety class I		
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	Over Time Performance (IEC Complia	ant)
	differential mode and 6 kV common mode	Driver failure rate at 5000 h	0.53 %
		Control gear failure rate at median useful	10 %
Controls and Dimming		life 100000 h	
Dimmable	Yes	Lumen maintenance at median useful life*	L98
Driver/power unit/transformer	Power supply unit with DALI interface	100000 h	
Control interface	DALI		
Constant light output	No	Product Data	
Maximum dim level	10%	Order product name	BGP235 LED30-4S/740 DSM11 D9 MIO-CIO
			MBQ
Mechanical and Housing		Full product name	BGP235 LED30-4S/740 DSM11 D9 MIO-CIO
Housing Material	Aluminum die cast		MBQ
Reflector material	-	Full product code	871869948290900
Optic material	Polycarbonate	Order code	912300024108
Optical cover material	Glass	Material Nr. (12NC)	912300024108
Fixation material	Stainless steel	Numerator - Quantity Per Pack	1
Housing Color	Dark gray	EAN/UPC - Product/Case	8718699482909
Mounting device	Mounting bracket quick-release, medium	Numerator - Packs per outer box	1
Optical cover shape	Flat	EAN/UPC - Case	8718699482909
Optical cover finish	Clear	Product family code	BGP235 [TubePoint GEN2 Small]
Overall length	363.5 mm		
Overall width	485.5 mm		
Overall height	89.5 mm		

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Dimensional drawing





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