![Philips Lighting logo]

TubeLine

BGP360 LED100/NW DTS CFW C250WM GP

TubeLine 2M, LED module 10000 lm, Distribution tunnel symmetrical, Safety class I, Cord with plug Wieland/Adels compatible 3-pole

For customers who demand a high level of visual comfort from their tunnel luminaires, fluorescent linear lighting has traditionally been the preferred choice. With excellent light uniformity on the road and walls, perfect visual guidance and high color rendering, linear lighting offers drivers superior lighting quality and safety. It also promises high system redundancy compared to point source lighting solutions. With Philips TubeLine tunnel luminaires, you can achieve the same lighting quality, but with all the added advantages of LED technology. TubeLine is a state-of-the-art tunnel luminaire that harnesses the latest LED technology with optimized dimensions and attractive pricing for a quick return on investment. Linear lighting has never been more achievable for tunnel lighting and underpass lighting on a limited budget.

Product data

General Information

Lamp family code	LED100 [LED module 10000 lm]
Light source replaceable	No
Number of gear units	-
Gear	-
Driver included	No
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for

	example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED
Product family code	BGP360 [TubeLine 2M]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	3 years
Flammability mark	-
ENEC mark	ENEC mark

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EU RoHS compliant	Yes		**Optical cover finish**	Clear
			Overall length	1,998 mm
Light Technical			**Overall width**	109 mm
Upward light output ratio	0		**Overall height**	47 mm
Luminous Flux	9,000 lm		**Effective projected area**	0.15728 m²
Standard tilt angle posttop	-		**Dimensions (Height x Width x Depth)**	47 x 109 x 1998 mm
Standard tilt angle side entry	-			
Correlated Color Temperature (Nom)	4000 K		**Approval and Application**	
Luminous Efficacy (rated) (Nom)	128 lm/W		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	≥80			
Number of light sources	48		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Light source color	Neutral white		**Surge Protection (Common/Differential)**	-
Optical cover type	Flat glass		**Protection class IEC**	Safety class I
Luminaire light beam spread	150°		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Optic type outdoor	Distribution tunnel symmetrical			
Operating and Electrical			**Initial Performance (IEC Compliant)**	
Input Voltage	- V		**Luminous flux tolerance**	+/-7%
Line Frequency	0 Hz		**Initial chromaticity**	(0.433, 0.403) SDCM <3
Inrush current	0 A		**Power consumption tolerance**	+/-10%
Inrush time	0 ms		**Init. Color Rendering Index Tolerance**	+/-2
Power Consumption	70.5 W			
Power Factor (Fraction)	0.85		**Over Time Performance (IEC Compliant)**	
Connection	Flying leads/wires		**Control gear failure rate at median useful life 100000 h**	10 %
Cable	Cord with plug Wieland/Adels compatible 3-pole			
Number of products on MCB of 16 A type B	1		**Lumen maintenance at median useful life* 100000 h**	L95
Temperature			**Application Conditions**	
Ambient temperature range	-40 to +50 °C		**Performance ambient temperature Tq**	25 °C
Controls and Dimming			**Product Data**	
Dimmable	No		**Order product name**	BGP360 LED100/NW DTS CFW C250WM GP
Driver/power unit/transformer	-			
Constant light output	No		**Full product name**	BGP360 LED100/NW DTS CFW C250WM GP
Mechanical and Housing			**Full product code**	871869909431700
Housing Material	Aluminum		**Order code**	912300023652
Reflector material	Polycarbonate		**Material Nr. (12NC)**	912300023652
Optic material	Polymethyl methacrylate		**Numerator – Quantity Per Pack**	1
Optical cover material	Glass		**EAN/UPC – Product/Case**	8718699094317
Fixation material	Aluminum		**Numerator – Packs per outer box**	1
Housing Color	Aluminum		**EAN/UPC – Case**	8718699094317
Mounting device	-			
Optical cover shape	Flat			

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Dimensional drawing

47

1998

109