TubeLine

BGP360 LED30/740 DTS CFW C250W GP

TubeLine 2M, LED module 3000 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	LED30 [LED module 3000 lm]
Light source replaceable	No
Number of gear units	1 unit
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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BGP360 [TubeLine 2M]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	3 years

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Flammability mark	–		**Optical cover shape**	Flat
ENEC mark	ENEC mark		**Optical cover finish**	Clear
EU RoHS compliant	Yes		**Overall length**	1,998 mm
			Overall width	109 mm
Light Technical			**Overall height**	34 mm
Upward light output ratio	0		**Effective projected area**	0.15728 m²
Luminous Flux	2,700 lm		**Dimensions (Height x Width x Depth)**	34 x 109 x 1998 mm
Standard tilt angle posttop	–			
Standard tilt angle side entry	–		**Approval and Application**	
Correlated Color Temperature (Nom)	4000 K		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Luminous Efficacy (rated) (Nom)	144 lm/W		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Color rendering index (CRI)	≥80		**Surge Protection (Common/Differential)**	–
Number of light sources	24		**Sustainability rating**	–
Light source color	740 neutral white		**Protection class IEC**	Safety class I
Optical cover type	Flat glass		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778
Luminaire light beam spread	150°			
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	18.8 W			
Power Factor (Fraction)	0.95		**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		**Lumen maintenance at median useful life* 100000 h**	L98
Number of products on MCB of 16 A type B	26			

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 LED30/740 DTS CFW C250W GP
Driver/power unit/transformer	–		**Full product name**	BGP360 LED30/740 DTS CFW C250W GP
Constant light output	No		**Full product code**	871869909429400
			Order code	09429400
Mechanical and Housing			**Material Nr. (12NC)**	912300023650
Housing Material	Aluminum		**Numerator – Quantity Per Pack**	1
Reflector material	Polycarbonate		**EAN/UPC – Product/Case**	8718699094294
Optic material	Polymethyl methacrylate		**Numerator – Packs per outer box**	1
Optical cover material	Glass		**EAN/UPC – Case**	8718699094294
Fixation material	Aluminum			
Housing Color	Aluminum			
Mounting device	–			

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Dimensional drawing

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1998

109

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2023, April 19 – data subject to change