



TubeLine

BGP360 LED120/740 DTS CFW C250W GP

TubeLine 2M, LED module 12000 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 colour 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 optimised 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	LED120 [LED module 12000 lm]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	No
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and,

	for example, the 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

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Warranty period	3 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upwards light output ratio	0
Luminous Flux	10,800 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	150 lm/W
Colour rendering index (CRI)	≥80
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150°
Optic type outdoor	Distribution tunnel symmetrical

Operating and Electrical

Input Voltage	- V
Line Frequency	0 Hz
Inrush current	0 A
Inrush time	0 ms
Power Consumption	72 W
Power Factor (Fraction)	0.99
Connection	Flying leads/cables
Cable	Cord with plug Wieland/Adels compatible 3-pole
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	-
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Aluminium

Mounting device	-
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	1,998 mm
Overall width	109 mm
Overall height	47 mm
Effective projected area	0.15728 m ²
Dimensions (height x width x depth)	47 x 109 x 1998 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	-
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.433, 0.403) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BGP360 LED120/740 DTS CFW C250W GP
Full product name	BGP360 LED120/740 DTS CFW C250W GP
Full EOC	871869909432400
Order code	09432400
Material no. (12 NC)	912300023653
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699094324
Numerator – packs per outer box	1
EAN/UPC – Case	8718699094324

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Dimensional drawing

