



# TubeLine

## BGP360 LED165/740 DTS CFW C250W GP

TubeLine 2M, LED module 16500 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	LED165 [LED module 16500 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	

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

## Light Technical

Upwards light output ratio	0
Luminous Flux	14,685 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	141 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	104 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	8

## 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 m²
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	L96

## Application Conditions

Performance ambient temperature Tq	25 °C
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## Product Data

Order product name	BGP360 LED165/740 DTS CFW C250W GP
Full product name	BGP360 LED165/740 DTS CFW C250W GP
Full EOC	871869909433100
Order code	09433100
Material no. (12 NC)	912300023654
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699094331
Numerator – packs per outer box	1
EAN/UPC – Case	8718699094331

Dimensional drawing

