



# TubeLine

## BGP360 LED159/NW DTS CFW C250WM GP

TubeLine 2M - LED module 15900 lm - Distribution tunnel symmetrical - Safety class I - Cord with plug Wieland/Adels compatible 3-pole

Fluorescent linear lighting has traditionally been the preferred choice for customers demanding a high level of visual comfort. With excellent lighting uniformity on the road and walls, perfect visual guidance and high colour recognition, linear lighting offers the driver superior lighting quality and safety as well as high system redundancy compared to point-source lighting solutions. With TubeLine, the same lighting quality can be achieved but with the advantages of LED technology. TubeLine is a state-of-the-art LED tunnel luminaire which offers all the benefits of linear lighting. With the latest LED technology, optimised dimensions and attractive pricing, linear lighting has never been more achievable within the constraints of limited budgets.

### Product data

General Information			
Number of light sources	48 [ 48 pcs]	Cable	Cord with plug Wieland/Adels compatible 3-pole
Lamp family code	LED159 [ LED module 15900 lm]	Protection class IEC	Safety class I
Light source colour	Neutral white	Flammability mark	NO [ -]
Light source replaceable	No	CE mark	CE mark
Number of gear units	-	ENEC mark	ENEC mark
Gear	-	UL mark	No
Driver/power unit/transformer	No [ -]	Warranty period	3 years
Driver included	No	Outdoor optic type	Distribution tunnel symmetrical
Optical cover/lens type	FG [ Flat glass]	Gland material	Cable gland plastic
Luminaire light beam spread	150°	Remarks	*-Per Lighting Europe guidance paper **Evaluating performance of LED based
Connection	Flying leads/wires		

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	luminaire – 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
Constant light output	No
Spare parts available	No
Number of products on MCB	8
Photobiological risk	Risk group 1
RoHS mark	RoHS mark
WEEE mark	WEEE mark
LED engine type	LED
Product Family Code	BGP360 [ TubeLine 2M]

## Light Technical

Upward light output ratio	0
Initial luminous flux at 35°C	14400 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-

## Operating and Electrical

Input voltage	- V
Input frequency	0 Hz
Inrush current	0 A
Inrush time	0 ms
Driver current	700 mA
Power factor (min.)	0.98

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	No [-]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	1998 mm

Overall width	109 mm
Overall height	47 mm
Effective projected area	0.15728 m <sup>2</sup>
Colour	Aluminium

## 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)	- kV

## Initial Performance (IEC Compliant)

Initial luminous flux	14240 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.433, 0.403) SDCM <3
Initial input power	102 W
Power consumption tolerance	+/-11%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L95

## Application Conditions

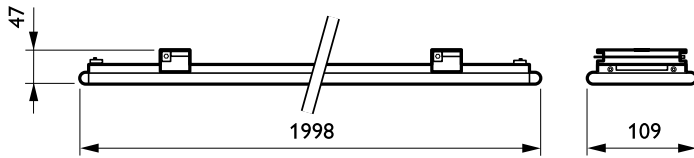
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

## Product Data

Full product code	871869909433100
Order product name	BGP360 LED159/NW DTS CFW C250WM GP
EAN/UPC – product	8718699094331
Order code	09433100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (I2NC)	912300023654
Net weight (piece)	5.700 kg

## TubeLine

### Dimensional drawing



TubeLine BGP360

