

# TubeLine

## BGP360 LED60/NW DTS CFW C250WM GP

TubeLine 2M - LED module 6000 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		Cable	Cord with plug Wieland/Adels compatible 3-pole
Number of light sources	48 [ 48 pcs]	Protection class IEC	Safety class I
Lamp family code	LED60 [ LED module 6000 lm]	Flammability mark	NO [ -]
Light source colour	Neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	-	UL mark	No
Gear	-	Warranty period	3 years
Driver/power unit/transformer	No [ -]	Outdoor optic type	Distribution tunnel symmetrical
Driver included	No	Gland material	Cable gland plastic
Optical cover/lens type	FG [ Flat glass]	Remarks	*-Per Lighting Europe guidance paper **Evaluating performance of LED based
Luminaire light beam spread	150°		
Connection	Flying leads/cables		

	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	11
Photobiological risk	Risk group 1
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	6000 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	289 mA
Power factor (min.)	0.95

## Controls and Dimming

Dimmable	No
----------	----

## Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
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 m²
Colour	Aluminium
Dimensions (height x width x depth)	47 x 109 x 1998 mm (1.9 x 4.3 x 78.7 in)

## 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)	-

## Initial Performance (IEC Compliant)

Initial luminous flux	5400 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	150 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.433, 0.403) SDCM <3
Initial input power	36 W
Power consumption tolerance	+/-11%

## 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	L95

## Application Conditions

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

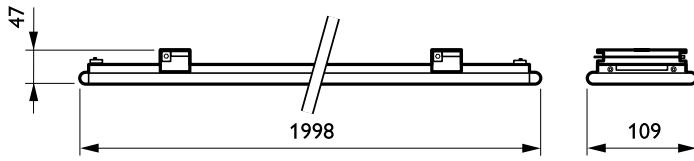
## Product Data

Full product code	871869909430000
Order product name	BGP360 LED60/NW DTS CFW C250WM GP
EAN/UPC - product	8718699094300
Order code	09430000
Numerator - quantity per pack	1
Numerator - packs per outer box	1
Material no. (12NC)	912300023651
Net weight (piece)	5.700 kg



## TubeLine

### Dimensional drawing



TubeLine BGP360

