



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 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 | LED165 [LED module 16500 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 | - |
| ENEC mark | ENEC mark |
| EU RoHS compliant | Yes |

Light Technical

| | |
|------------------------------------|---------------------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 14,685 lm |
| Standard tilt angle posttop | - |
| Standard tilt angle side entry | - |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 141 lm/W |
| Color rendering index (CRI) | ≥80 |
| Number of light sources | 48 |
| Light source color | 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/wires |
| 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 |
|---------------------------|---------------|

Controls and Dimming

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

Mechanical and Housing

| | |
|------------------------|-------------------------|
| Housing Material | Aluminum |
| Reflector material | Polycarbonate |
| Optic material | Polymethyl methacrylate |
| Optical cover material | Glass |
| Fixation material | Aluminum |
| Housing Color | Aluminum |
| Mounting device | - |

| | |
|-------------------------------------|------------------------|
| Optical cover shape | Flat |
| Optical cover 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)

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|---------------------------------------|------------------------|
| 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)

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|--|------|
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 100000 h | L96 |

Application Conditions

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|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
|------------------------------------|-------|

Product Data

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|---------------------------------|------------------------------------|
| Order product name | BGP360 LED165/740 DTS CFW C250W GP |
| Full product name | BGP360 LED165/740 DTS CFW C250W GP |
| Full product code | 871869909433100 |
| Order code | 912300023654 |
| Material Nr. (12NC) | 912300023654 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699094331 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699094331 |

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Dimensional drawing

