



Flow LED

BGP490 LED21 I VP

LED module 2100 lm, 840 neutral white, Power supply unit (On/Off), Safety class I, Distribution symmetrical

Specially designed for slow-traffic underpass lighting, Flow LED combines elegance and style with high-performance LED lighting. Equipped with the newest Fortimo LED Line units, it easily outperforms conventional fluorescent fixtures.

Product data

| General Information | | | |
|------------------------------------|----------------------------|--|------------------------------|
| Lamp family code | LED21 [LED module 2100 lm] | Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Light source replaceable | Yes | Color rendering index (CRI) | 80 |
| Number of gear units | 1 unit | Light source color | 840 neutral white |
| Driver included | Yes | Optical cover type | Polycarbonate opal satinized |
| Light source engine type | LED | Luminaire light beam spread | 120° |
| Service tag | No | Optic type outdoor | Distribution symmetrical |
| Lighting Technology | LED | Operating and Electrical | |
| CE mark | Yes | Input Voltage | 200 to 240 V |
| Warranty period | 3 years | Line Frequency | 50 to 60 Hz |
| Flammability mark | - | Inrush current | 13 A |
| ENEC mark | ENEC mark | Inrush time | 270 ms |
| EU RoHS compliant | Yes | Power Consumption | 21 W |
| Light Technical | | Power Factor (Fraction) | 0.9 |
| Upward light output ratio | 0 | Connection | Internal connector |
| Luminous Flux | 2,100 lm | Cable | - |
| Standard tilt angle posttop | - | Number of products on MCB of 16 A type B | 24 |
| Standard tilt angle side entry | - | | |
| Correlated Color Temperature (Nom) | 4000 K | | |

Flow LED

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |

Mechanical and Housing

| | |
|-------------------------------------|-----------------------------|
| Housing Material | Aluminum extruded |
| Reflector material | Aluminum |
| Optic material | - |
| Optical cover material | Polycarbonate |
| Fixation material | Stainless steel |
| Housing Color | White |
| Mounting device | Heavy-duty mounting bracket |
| Optical cover shape | Curved |
| Optical cover finish | Opal |
| Overall length | 705 mm |
| Overall width | 260 mm |
| Overall height | 71 mm |
| Effective projected area | 0.18 m² |
| Dimensions (Height x Width x Depth) | 71 x 260 x 705 mm |

Approval and Application

| | |
|--|--|
| Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Surge Protection (Common/Differential) | 2 kV |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

| | |
|---------------------------------------|-----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.380, 0.377) SDCM<3 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over Time Performance (IEC Compliant)

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|--|-------|
| Driver failure rate at 5000 h | 0.1 % |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 50000 h | L80 |

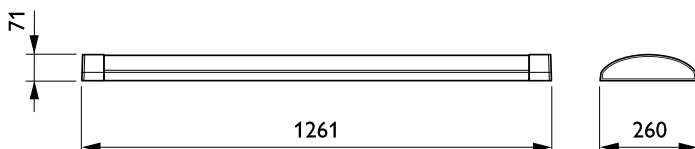
Application Conditions

| | |
|------------------------------------|----------------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | Not applicable |

Product Data

| | |
|---------------------------------|-------------------|
| Order product name | BGP490 LED21 I VP |
| Full product name | BGP490 LED21 I VP |
| Full product code | 871869938525500 |
| Order code | 38525500 |
| Material Nr. (12NC) | 912401483146 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718699385255 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718699385255 |

Dimensional drawing



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