



Flow LED – robust and streamlined

Flow LED

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.

Benefits

- Efficient LED alternative to fluorescent lights
- Elegant, tamper-proof design

Features

- Shallow-depth luminaire
- Latest LED technology
- Suitable for continuous line mounting
- Can be ceiling, wall or corner-mounted
- Easy to install and connect
- Integrated cable trunk for concealed cable entry at rear

Application

- Slow-traffic underpasses

Specifications

| | |
|---------------------------|-----------------------------------|
| Type | BGP490 (short version) |
| | BGP491 (long version) |
| Light source | Integral LED-module |
| Power | BGP490: 30-60 W |
| | BGP491: 60-120 W |
| Luminous flux | BGP490: 3200 up to 5600 lm (NW) |
| | BGP491: 6400 up to 11,200 lm (NW) |
| Luminaire efficacy | 70 up to 80 lm/W |

| | |
|---|-------------------------|
| Correlated Color Temperature | 4000 K (Neutral white) |
| Temperature | 3000 K (Warm white) |
| Color Rendering Index | 80 |
| Maintenance of lumen output - L80F10 | 50,000 hours at 25 °C |
| Operating temperature range | -25 to +35 °C |
| Driver | Standard Xitanium Prog+ |

Flow LED

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|----------------------|---|
| Mains voltage | 220-240 V / 50-60 Hz |
| Dimming | DALI or SDU dimmable |
| Optic | Distribution tunnel symmetrical (DTS) |
| Optical cover | Polycarbonate cover, prismatic (PCP) |
| Material | Housing: aluminum |
| | Reflector: steel plate, white lacquered |
| | Cover: polycarbonate |
| Color | Polyester epoxy powder coated grey aluminum (RAL9007) |

| | |
|---------------------|---|
| Connection | Cable gland: 1 x or 2 x M20 |
| Maintenance | Serviceable luminaire, LED-module replaceable |
| Installation | Surface/ceiling mounted or cornice mounted |
| | Closed or open brackets (optional) |
| | Recommended mounting height: 2.5 up to 5 m |
| Accessories | Open-line bracket (MBL) |
| | Closed bracket (MBEP) |

Versions



BGP490 Led24



BGP491 Led48

Product details

Flow_LED-BGP490_491-1DPP.TIF



Flow_LED-BGP490_491-2DPP.TIF



Flow_LED-BGP490-1DPP.TIF



Flow_LED-BGP490-2DPP.TIF



Flow LED

Product details

Flow_LED-BGP490-3DPP.TIF



Accessories



Mounting bracket with end plate -
Gray aluminum (9007)

Ordercode 38646700

Flow LED

Approval and Application

| | |
|--|------|
| Mech. impact protection code | IK10 |
| Surge Protection (Common/Differential) | 2 kV |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

General Information

| | |
|-----------------------------|-------------------|
| Luminaire light beam spread | 120° |
| CE mark | CE mark |
| Light source color | 840 neutral white |
| Optical cover/lens type | PCO-SAT |
| Driver included | Yes |
| Flammability mark | NO |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Optic type | - |

Initial Performance (IEC Compliant)

| | |
|-------------------------------|---------|
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | 80 |
| Initial luminous flux | 2100 lm |

Light Technical

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|--------------------------------|-----|
| Standard tilt angle side entry | - |
| Standard tilt angle posttop | - |
| Upward light output ratio | 1.3 |

Mechanical and Housing

| | |
|-------|-------|
| Color | White |
|-------|-------|

General Information

| Order Code | Full Product Name | Lamp family code |
|------------|-------------------|------------------|
| 38524800 | BGP490 LED21 I | LED21 |
| 38532300 | BGP491 LED40 I | LED40 |

