



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+

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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

Ordercode 38646700



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Approval and Application

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

General Information

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

Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	80
Initial luminous flux	2100 lm

Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-

Mechanical and Housing

Colour	White
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Application Conditions

Order Code	Full Product Name	Maximum dim level
38524800	BGP490 LED21 I	-
38525500	BGP490 LED21 I VP	Not applicable
38526200	BGP490 LED21 I D9	-
38527900	BGP490 LED21 I D9 VP	-
38528600	BGP490 LED21 II	Not applicable
38529300	BGP490 LED21 II VP	Not applicable
38530900	BGP490 LED21 II D9	-
38531600	BGP490 LED21 II D9 VP	-
38532300	BGP491 LED40 I	-
38533000	BGP491 LED40 I VP	Not applicable
38534700	BGP491 LED40 I D9	-
38535400	BGP491 LED40 I D9 VP	-
38536100	BGP491 LED40 II	Not applicable
38537800	BGP491 LED40 II VP	Not applicable
38538500	BGP491 LED40 II D9	-
38539200	BGP491 LED40 II D9 VP	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
38524800	BGP490 LED21 I	No
38525500	BGP490 LED21 I VP	No
38526200	BGP490 LED21 I D9	Yes
38527900	BGP490 LED21 I D9 VP	Yes
38528600	BGP490 LED21 II	No
38529300	BGP490 LED21 II VP	No
38530900	BGP490 LED21 II D9	Yes
38531600	BGP490 LED21 II D9 VP	Yes

Order Code	Full Product Name	Dimmable
38532300	BGP491 LED40 I	No
38533000	BGP491 LED40 I VP	No
38534700	BGP491 LED40 I D9	Yes
38535400	BGP491 LED40 I D9 VP	Yes
38536100	BGP491 LED40 II	No
38537800	BGP491 LED40 II VP	No
38538500	BGP491 LED40 II D9	Yes
38539200	BGP491 LED40 II D9 VP	Yes

General Information

Order Code	Full Product Name	Lamp family code
38524800	BGP490 LED21 I	LED21
38525500	BGP490 LED21 I VP	LED21
38526200	BGP490 LED21 I D9	LED21
38527900	BGP490 LED21 I D9 VP	LED21
38528600	BGP490 LED21 II	LED21
38529300	BGP490 LED21 II VP	LED21
38530900	BGP490 LED21 II D9	LED21
38531600	BGP490 LED21 II D9 VP	LED21

Order Code	Full Product Name	Lamp family code
38532300	BGP491 LED40 I	LED40
38533000	BGP491 LED40 I VP	LED40
38534700	BGP491 LED40 I D9	LED40
38535400	BGP491 LED40 I D9 VP	LED40
38536100	BGP491 LED40 II	LED40
38537800	BGP491 LED40 II VP	LED40
38538500	BGP491 LED40 II D9	LED40
38539200	BGP491 LED40 II D9 VP	LED40

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Light Technical

Order Code	Full Product Name	Upward light output ratio	Order Code	Full Product Name	Upward light output ratio
38524800	BGP490 LED21 I	1.3	38532300	BGP491 LED40 I	1.3
38525500	BGP490 LED21 I VP	-	38533000	BGP491 LED40 I VP	-
38526200	BGP490 LED21 I D9	-	38534700	BGP491 LED40 I D9	-
38527900	BGP490 LED21 I D9 VP	-	38535400	BGP491 LED40 I D9 VP	-
38528600	BGP490 LED21 II	-	38536100	BGP491 LED40 II	-
38529300	BGP490 LED21 II VP	-	38537800	BGP491 LED40 II VP	-
38530900	BGP490 LED21 II D9	-	38538500	BGP491 LED40 II D9	-
38531600	BGP490 LED21 II D9 VP	-	38539200	BGP491 LED40 II D9 VP	-

