



# 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

<b>Accessories</b>	Closed lacquered cornice bracket (Set of 2) (White, Ral 9010)
<b>Ambient Temperature</b>	-20 to +40 °C
<b>Main colour of the luminaire</b>	White Polyester epoxy powder coated white (RAL9010)
<b>Connection</b>	Internal connector (CI)
<b>Dimming</b>	No, yes
<b>Driver</b>	Power supply unit with DALI interface (PSD) Power supply unit (PSU)

<b>Initial correlated colour temperature</b>	4000 K Neutral white
<b>Initial input power</b>	21 W, 37 W
<b>Initial LED luminaire efficacy</b>	100 lm/W
<b>Initial luminous flux</b>	2100, 4000 lm
<b>Input frequency</b>	50 to 60 Hz
<b>Input voltage</b>	200 to 240 V

# Flow LED

<b>Material</b>	Housing: aluminum extruded
<b>Material</b>	Reflector: aluminum

<b>Type</b>	BGP490 (short version)BGP491 (long version)
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## Versions



## 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-BGP490-3DPP.TIF

# Flow LED

## Accessories



Ordercode 38646700

### 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
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit

### Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	80

### 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	50%
38527900	BGP490 LED21 I D9 VP	50%
38528600	BGP490 LED21 II	Not applicable
38529300	BGP490 LED21 II VP	Not applicable
38530900	BGP490 LED21 II D9	50%
38531600	BGP490 LED21 II D9 VP	50%
38532300	BGP491 LED40 I	-
38533000	BGP491 LED40 I VP	Not applicable
38534700	BGP491 LED40 I D9	30%
38535400	BGP491 LED40 I D9 VP	30%
38536100	BGP491 LED40 II	Not applicable
38537800	BGP491 LED40 II VP	Not applicable
38538500	BGP491 LED40 II D9	30%
38539200	BGP491 LED40 II D9 VP	30%

## 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

## Flow LED

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

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

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
38524800	BGP490 LED21 I	2100 lm
38525500	BGP490 LED21 I VP	2100 lm
38526200	BGP490 LED21 I D9	2100 lm
38527900	BGP490 LED21 I D9 VP	2100 lm
38528600	BGP490 LED21 II	2100 lm
38529300	BGP490 LED21 II VP	2100 lm
38530900	BGP490 LED21 II D9	2100 lm
38531600	BGP490 LED21 II D9 VP	2100 lm

Order Code	Full Product Name	Initial luminous flux
38532300	BGP491 LED40 I	2100 lm
38533000	BGP491 LED40 I VP	4000 lm
38534700	BGP491 LED40 I D9	4000 lm
38535400	BGP491 LED40 I D9 VP	4000 lm
38536100	BGP491 LED40 II	4000 lm
38537800	BGP491 LED40 II VP	4000 lm
38538500	BGP491 LED40 II D9	4000 lm
38539200	BGP491 LED40 II D9 VP	4000 lm

### Light Technical

Order Code	Full Product Name	Upward light output ratio
38524800	BGP490 LED21 I	1.3
38525500	BGP490 LED21 I VP	0
38526200	BGP490 LED21 I D9	0
38527900	BGP490 LED21 I D9 VP	0
38528600	BGP490 LED21 II	0
38529300	BGP490 LED21 II VP	0
38530900	BGP490 LED21 II D9	0
38531600	BGP490 LED21 II D9 VP	0

Order Code	Full Product Name	Upward light output ratio
38532300	BGP491 LED40 I	1.3
38533000	BGP491 LED40 I VP	0
38534700	BGP491 LED40 I D9	0
38535400	BGP491 LED40 I D9 VP	0
38536100	BGP491 LED40 II	0
38537800	BGP491 LED40 II VP	0
38538500	BGP491 LED40 II D9	0
38539200	BGP491 LED40 II D9 VP	0

