



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
- Integrated cable trunk for concealed cable entry at rear
- Easy to install and connect

Application

- Slow-traffic underpasses

Specifications

Accessories	Closed Lacquered cornice bracket (Set of 2) (White, Ral 9010)
Ambient Temperature	-20 to +40 °C
Main color of the Luminaire	White
Connection	Internal connector (Internal connector)
Dimming	No, yes

Driver	Power supply unit (Power supply unit) Power supply unit with DALI interface (Power supply unit with DALI interface)
Initial correlated color temperature	4000 K Neutral white
Initial input power	21 W, 37 W
Initial LED luminaire efficacy	100 lm/W

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Initial luminous flux	2100, 4000 lm
Input frequency	50 to 60 Hz
Input voltage	200 to 240 V

Material	Housing: aluminum extruded
Material	Reflector: aluminum
Type	BGP490 (short version)BGP491 (long version)

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 912401483174



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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 color	840 neutral white
Optical cover/lens type	Polycarbonate opal satinized
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit

Initial Performance (IEC Compliant)

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

Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-

Mechanical and Housing

Color	White
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Application Conditions

Order Code	Full Product Name	Maximum dim level
912401483145	BGP490 LED21 I	-
912401483146	BGP490 LED21 I VP	Not applicable
912401483147	BGP490 LED21 I D9	50%
912401483148	BGP490 LED21 I D9 VP	50%
912401483149	BGP490 LED21 II	Not applicable
912401483150	BGP490 LED21 II VP	Not applicable
912401483151	BGP490 LED21 II D9	50%
912401483152	BGP490 LED21 II D9 VP	50%
912401483153	BGP491 LED40 I	-
912401483154	BGP491 LED40 I VP	Not applicable
912401483155	BGP491 LED40 I D9	30%
912401483156	BGP491 LED40 I D9 VP	30%
912401483157	BGP491 LED40 II	Not applicable
912401483158	BGP491 LED40 II VP	Not applicable
912401483159	BGP491 LED40 II D9	30%
912401483160	BGP491 LED40 II D9 VP	30%

Controls and Dimming

Order Code	Full Product Name	Dimmable
912401483145	BGP490 LED21 I	No
912401483146	BGP490 LED21 I VP	No
912401483147	BGP490 LED21 I D9	Yes
912401483148	BGP490 LED21 I D9 VP	Yes
912401483149	BGP490 LED21 II	No
912401483150	BGP490 LED21 II VP	No
912401483151	BGP490 LED21 II D9	Yes
912401483152	BGP490 LED21 II D9 VP	Yes

Order Code	Full Product Name	Dimmable
912401483153	BGP491 LED40 I	No
912401483154	BGP491 LED40 I VP	No
912401483155	BGP491 LED40 I D9	Yes
912401483156	BGP491 LED40 I D9 VP	Yes
912401483157	BGP491 LED40 II	No
912401483158	BGP491 LED40 II VP	No
912401483159	BGP491 LED40 II D9	Yes
912401483160	BGP491 LED40 II D9 VP	Yes

General Information

Order Code	Full Product Name	Lamp family code	Optic type	Service tag
912401483145	BGP490 LED21 I	LED21	-	-
912401483146	BGP490 LED21 I VP	LED21	Distribution symmetrical	No
912401483147	BGP490 LED21 I D9	LED21	Distribution symmetrical	No
912401483148	BGP490 LED21 I D9 VP	LED21	Distribution symmetrical	No
912401483149	BGP490 LED21 II	LED21	Distribution symmetrical	No

Order Code	Full Product Name	Lamp family code	Optic type	Service tag
912401483150	BGP490 LED21 II VP	LED21	Distribution symmetrical	No
912401483151	BGP490 LED21 II D9	LED21	Distribution symmetrical	No
912401483152	BGP490 LED21 II D9 VP	LED21	Distribution symmetrical	No
912401483153	BGP491 LED40 I	LED40	-	-
912401483154	BGP491 LED40 I VP	LED40	Distribution symmetrical	No

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Order Code	Full Product Name	Lamp		Service tag
		family code	Optic type	
912401483155	BGP491 LED40 I D9	LED40	Distribution symmetrical	No
912401483156	BGP491 LED40 I D9 VP	LED40	Distribution symmetrical	No
912401483157	BGP491 LED40 II	LED40	Distribution symmetrical	No

Order Code	Full Product Name	Lamp		Service tag
		family code	Optic type	
912401483158	BGP491 LED40 II VP	LED40	Distribution symmetrical	No
912401483159	BGP491 LED40 II D9	LED40	Distribution symmetrical	No
912401483160	BGP491 LED40 II D9 VP	LED40	Distribution symmetrical	No

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
912401483145	BGP490 LED21 I	2100 lm
912401483146	BGP490 LED21 I VP	2100 lm
912401483147	BGP490 LED21 I D9	2100 lm
912401483148	BGP490 LED21 I D9 VP	2100 lm
912401483149	BGP490 LED21 II	2100 lm
912401483150	BGP490 LED21 II VP	2100 lm
912401483151	BGP490 LED21 II D9	2100 lm
912401483152	BGP490 LED21 II D9 VP	2100 lm

Order Code	Full Product Name	Initial luminous flux
912401483153	BGP491 LED40 I	2100 lm
912401483154	BGP491 LED40 I VP	4000 lm
912401483155	BGP491 LED40 I D9	4000 lm
912401483156	BGP491 LED40 I D9 VP	4000 lm
912401483157	BGP491 LED40 II	4000 lm
912401483158	BGP491 LED40 II VP	4000 lm
912401483159	BGP491 LED40 II D9	4000 lm
912401483160	BGP491 LED40 II D9 VP	4000 lm

Light Technical

Order Code	Full Product Name	Upward light output ratio
912401483145	BGP490 LED21 I	1.3
912401483146	BGP490 LED21 I VP	0
912401483147	BGP490 LED21 I D9	0
912401483148	BGP490 LED21 I D9 VP	0
912401483149	BGP490 LED21 II	0
912401483150	BGP490 LED21 II VP	0
912401483151	BGP490 LED21 II D9	0
912401483152	BGP490 LED21 II D9 VP	0

Order Code	Full Product Name	Upward light output ratio
912401483153	BGP491 LED40 I	1.3
912401483154	BGP491 LED40 I VP	0
912401483155	BGP491 LED40 I D9	0
912401483156	BGP491 LED40 I D9 VP	0
912401483157	BGP491 LED40 II	0
912401483158	BGP491 LED40 II VP	0
912401483159	BGP491 LED40 II D9	0
912401483160	BGP491 LED40 II D9 VP	0

