



Flow LED

BGP490 LED21 I D9

LED module 2100 lm - 840 neutral white - Power supply unit with DALI interface - 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]
Light source colour	840 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSD [Power supply unit with DALI interface]
Driver included	Yes
Optical cover/lens type	PCO-SAT [Polycarbonate opal satinized]
Luminaire light beam spread	120°
Control interface	DALI
Connection	Internal connector
Cable	-
Protection class IEC	Safety class I
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years
Optic type outdoor	Distribution symmetrical
Constant light output	Programmable

Number of products on MCB (16 A type B)	36
EU RoHS compliant	Yes
LED engine type	LED

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	200 to 240 V
Input frequency	50 to 60 Hz
Inrush current	26 A
Inrush time	140 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Flow LED

Mechanical and Housing

Housing material	Extruded aluminium
Reflector material	Aluminium
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Mounting device	Heavy-duty mounting bracket
Optical cover/lens shape	Curved
Optical cover/lens finish	Opal
Overall length	705 mm
Overall width	260 mm
Overall height	71 mm
Effective projected area	0.18 m ²
Colour	White
Dimensions (height x width x depth)	71 x 260 x 705 mm (2.8 x 10.2 x 27.8 in)

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

Initial Performance (IEC Compliant)

Initial luminous flux	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	80

Initial chromaticity	(0.380, 0.377) SDCM<3
Initial input power	21 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L80

Application Conditions

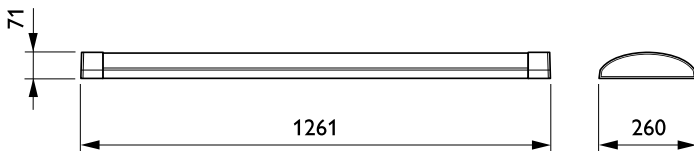
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	50%

Product Data

Full product code	871869938526200
Order product name	BGP490 LED21 I D9
EAN/UPC – product	8718699385262
Order code	38526200
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	912401483147
SAP net weight (piece)	4.400 kg



Dimensional drawing



Flow LED BGP490/491

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