



# Flow LED

## BGP490 LED21 II D9

LED module 2100 lm - 840 neutral white - Power supply unit with DALI interface - Safety class II - 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 II
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years
Outdoor optic type	Distribution symmetrical
Constant light output	Programmable

Number of products on MCB	36
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

Mechanical and Housing	
Housing material	Extruded aluminium

## Flow LED

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 <sup>2</sup>
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

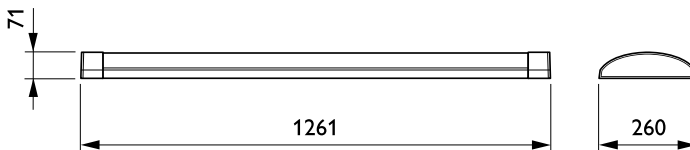
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	50%

### Product Data

Full product code	871869938530900
Order product name	BGP490 LED21 II D9
EAN/UPC – product	8718699385309
Order code	38530900
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912401483151
Net weight (piece)	4.400 kg



### Dimensional drawing



Flow LED BGP490/491

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