



# 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]	Luminous Efficacy (rated) (Nom)	100 lm/W
Light source replaceable	Yes	Color rendering index (CRI)	80
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optical cover type	Polycarbonate opal satinized
Light source engine type	LED	Luminaire light beam spread	120°
Service tag	No	Optic type outdoor	Distribution symmetrical
Lighting Technology	LED	Operating and Electrical	
CE mark	Yes	Input Voltage	200 to 240 V
Warranty period	3 years	Line Frequency	50 to 60 Hz
Flammability mark	-	Inrush current	26 A
ENEC mark	ENEC mark	Inrush time	140 ms
EU RoHS compliant	Yes	Power Consumption	21 W
Light Technical		Power Factor (Fraction)	0.9
Upward light output ratio	0	Connection	Internal connector
Luminous Flux	2,100 lm	Cable	-
Standard tilt angle posttop	-	Number of products on MCB of 16 A type B	36
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K		

## Flow LED

### Temperature

Ambient temperature range	-20 to +40 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	Programmable

### Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	Aluminum
Optic material	-
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	White
Mounting device	Heavy-duty mounting bracket
Optical cover shape	Curved
Optical cover finish	Opal
Overall length	705 mm
Overall width	260 mm
Overall height	71 mm
Effective projected area	0.18 m <sup>2</sup>
Dimensions (Height x Width x Depth)	71 x 260 x 705 mm

### 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
Protection class IEC	Safety class II

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.377) SDCM<3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.1 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L80

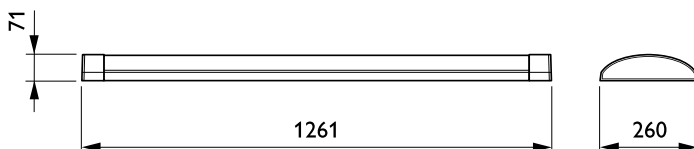
### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	50%

### Product Data

Order product name	BGP490 LED21 II D9
Full product name	BGP490 LED21 II D9
Full product code	871869938530900
Order code	912401483151
Material Nr. (12NC)	912401483151
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699385309
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699385309

## Dimensional drawing



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