



# 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 replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	No
Lighting Technology	LED
CE mark	Yes
Warranty period	3 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	2,100 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Optical cover type	Polycarbonate opal satinized
Luminaire light beam spread	120°
Optic type outdoor	Distribution symmetrical
Operating and Electrical	
Input Voltage	200 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	26 A
Inrush time	140 ms
Power Consumption	21 W
Power Factor (Fraction)	0.9
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	36

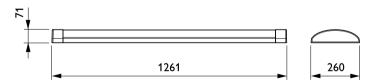
Datasheet, 2023, April 30 data subject to change

### Flow LED

Temperature	
Ambient temperature range	-20 to +40 °C
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 m²
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	10 %	
100000 h		
Lumen maintenance at median useful life*	L80	
50000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
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	38530900	
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



### Flow LED



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