



Flow LED

BGP490 LED21 II

LED module 2100 lm, 840 neutral white, Power supply unit (On/Off), 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.

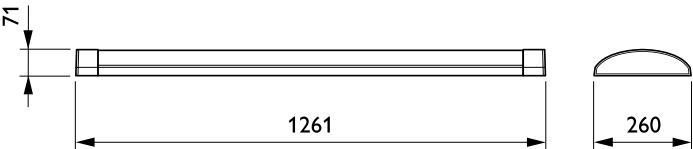
Product data

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	13 A
ENEC mark	ENEC mark	Inrush time	270 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	24
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K		

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Temperature	
Ambient temperature range	-20 to +40 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
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

Dimensional drawing



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 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BGP490 LED21 II
Full product name	BGP490 LED21 II
Full product code	871869938528600
Order code	912401483149
Material Nr. (12NC)	912401483149
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699385286
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699385286

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