



Flow LED

BGP490 LED21 II VP

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]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	Yes
Warranty period	3 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	2,100 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	100 lm/W

Colour rendering index (CRI)	80
Light source colour	840 neutral white
Optical cover type	Polycarbonate opal satinised
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	13 A
Inrush time	270 ms
Power Consumption	21 W
Power Factor (Fraction)	0.9
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	24
Temperature	
Ambient temperature range	-20 to +40 °C

Flow LED

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	Extruded aluminium
Reflector material	Aluminium
Optic material	-
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Colour	White
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
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 5,000 hours	0.1 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 50,000 h	L80

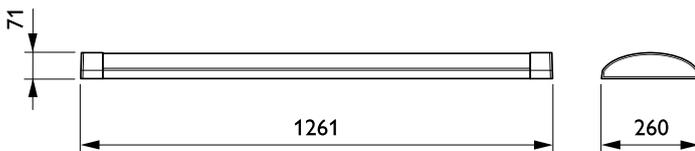
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BGP490 LED21 II VP
Full product name	BGP490 LED21 II VP
Full EOC	871869938529300
Order code	38529300
Material no. (12 NC)	912401483150
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699385293
Numerator – packs per outer box	1
EAN/UPC - Case	8718699385293

Dimensional drawing



Flow LED

