



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	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	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

Flow LED

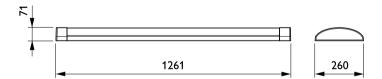
Controls and Dimming Nimmable No Priver/power unit/transformer Power supply unit (On/Off) Control interface - Constant light output No Acchanical and Housing No Acchanical and Housing Aluminum extruded Acehanical and Housing Aluminum extruded Aseflector material Aluminum Polycarbonate istaiton material Stainless steel Volusing Color White Mounting bracket Aptical cover shape Curved Optical cover finish Opal Averall length 705 mm Averall height 71 mm Affective projected area 0.18 m² Approval and Application Tix 260 x 705 mm Approval and Application IP65 [Dust penetration-protected, jet-proof]	Temperature	
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Aluminum extruded Iousing Material Aluminum extruded Iousing Material Aluminum Apptic material Aluminum Apptic material - Apptical cover material Polycarbonate ixation material Stainless steel Iousing Color White Mounting device Heavy-duty mounting bracket Apptical cover shape Curved Optical cover finish Opal Averall length 705 mm Averall height 71 mm Approval and Application 71 x 260 x 705 mm Approval and Application IP65 [Dust penetration-protected, jet-proof]	Control interface	-
Jousing Material Aluminum extruded Journal Statement Aluminum Aluminum -	Constant light output	No
Jousing Material Aluminum extruded Journal Statement Aluminum Aluminum -		
vertee Aluminum Apptic material - optical cover material Polycarbonate ixation material Stainless steel iousing Color White Mounting device Heavy-duty mounting bracket optical cover shape Curved optical cover finish Opal overall length 705 mm overall height 71 mm overall height 71 x 260 x 705 mm overall height 71 x 260 x 705 mm overall and Application IP65 [Dust penetration-protected, jet-proof]	Mechanical and Housing	
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Iousing Color White Mounting device Heavy-duty mounting bracket Optical cover shape Curved Optical cover finish Opal Overall length 705 mm Overall height 71 mm Overall height 0.18 m² Opproval and Application Performance Approval and Application IP65 [Dust penetration-protected, jet-proof]	Optical cover material	Polycarbonate
Mounting device Heavy-duty mounting bracket Abouting device Curved Apptical cover shape Curved Opal Opal Averall length 705 mm Averall width 260 mm Averall height 71 mm Affective projected area 0.18 m² Avitations (Height x Width x Depth) 71 x 260 x 705 mm Approval and Application IP65 [Dust penetration-protected, jet-proof]	Fixation material	Stainless steel
Optical cover shape Curved Optical cover finish Opal Overall length 705 mm Overall width 260 mm Overall height 71 mm Overall height 71 mm Overall height 71 x 260 x 705 mm	Housing Color	White
Opal Opal Opal Overall length 705 mm Overall width 260 mm Overall height 71 mm Overall height 71 mm Opal 0.18 m² Vimensions (Height x Width x Depth) 71 x 260 x 705 mm Opal 0.18 m² Opal 0.18 m	Mounting device	Heavy-duty mounting bracket
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Dverall width 260 mm Dverall height 71 mm Iffective projected area 0.18 m² Dimensions (Height x Width x Depth) 71 x 260 x 705 mm Approval and Application IP65 [Dust penetration-protected, jet-proof]	Optical cover finish	Opal
Averall height 71 mm ffective projected area 0.18 m ² imensions (Height x Width x Depth) 71 x 260 x 705 mm Approval and Application agress protection code IP65 [Dust penetration-protected, jet- proof]	Overall length	705 mm
infective projected area 0.18 m² immensions (Height x Width x Depth) 71 x 260 x 705 mm and Application Improval and Application hypersection code IP65 [Dust penetration-protected, jet-proof]	Overall width	260 mm
immensions (Height x Width x Depth) 71 x 260 x 705 mm Approval and Application IP65 [Dust penetration-protected, jet-proof]	Overall height	71 mm
Approval and Application agress protection code IP65 [Dust penetration-protected, jet- proof]	Effective projected area	0.18 m²
higress protection code IP65 [Dust penetration-protected, jet- proof]	Dimensions (Height x Width x Depth)	71 x 260 x 705 mm
higress protection code IP65 [Dust penetration-protected, jet- proof]	a 1 1 a 11 at	
proof]	Approval and Application	
	Ingress protection code	IP65 [Dust penetration-protected, jet-
Rech. impact protection code IK10 [20 J vandal-resistant]		proof]
	Mech. impact protection code	IK10 [20 J vandal-resistant]

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	Not applicable
Product Data	
Order product name	BGP490 LED21 II VP
Full product name	BGP490 LED21 II VP
Full product code	871869938529300
Order code	912401483150
Material Nr. (12NC)	912401483150
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699385293
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699385293

Dimensional drawing

Protection class IEC

Surge Protection (Common/Differential)



2 kV

Safety class II

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