



Flow LED

BGP490 LED21 I D9 VP

LED module 2100 lm, 840 neutral white, Power supply unit with DALI interface, Safety class I, 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]	Colour rendering index (CRI)	80
Light source replaceable	Yes	Light source colour	840 neutral white
Number of gear units	Unit	Optical cover type	Polycarbonate opal satinised
Driver included	Yes	Luminaire light beam spread	120°
Light source engine type	LED	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
Upwards light output ratio	0	Connection	Internal connector
Luminous Flux	2,100 lm	Cable	-
Standard tilt angle post-top	-	Number of products on MCB of 16 A type B	36
Standard tilt angle side entry	-	Temperature	
Correlated Colour Temperature	4000 K	Ambient temperature range	-20 to +40 °C
Luminous efficacy (rated) (nom.)	100 lm/W		

Flow LED

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	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 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 I

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	50%

Product Data

Order product name	BGP490 LED21 I D9 VP
Full product name	BGP490 LED21 I D9 VP
Full EOC	871869938527900
Order code	38527900
Material no. (12 NC)	912401483148
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699385279
Numerator – packs per outer box	1
EAN/UPC - Case	8718699385279

Dimensional drawing



