



Flow LED

BGP490 LED21 I

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

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

Lamp family code Light source replaceable Number of gear units Driver included Light source engine type Lighting Technology CE mark Warranty period	Yes 1 unit Yes LED LED LED Yes
Number of gear units Driver included Light source engine type Lighting Technology CE mark	1 unit Yes LED LED
Driver included Light source engine type Lighting Technology CE mark	Yes LED
Light source engine type Lighting Technology CE mark	LED LED
Lighting Technology CE mark	LED
CE mark	
	Yes
Warranty period	
wantanty period	3 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	1.3
Luminous Flux	2,100 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
· · · · · · · · · · · · · · · · · · ·	4000 K
Correlated Color Temperature (Nom)	
EU RoHS compliant Light Technical Upward light output ratio Luminous Flux Standard tilt angle posttop	1.3 2,100 lm -

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	-
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

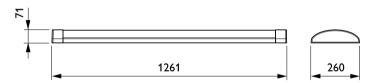
Datasheet, 2023, April 30 data subject to change

Flow LED

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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	0.0130 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 I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.432, 0.401)
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Driver failure rate at 5000 h	0.1%
Product Data	
Order product name	BGP490 LED21 I
Full product name	BGP490 LED21 I
Full product code	871869938524800
Order code	38524800
Material Nr. (12NC)	912401483145
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699385248
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699385248

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.