Flow LED

BGP491 LED40 I D9

LED module 4000 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	LED40 [LED module 4000 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	4,000 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	26 A
Inrush time	140 ms
Power Consumption	37 W
Power Factor (Fraction)	0.9
Connection	Internal connector
Cable	-
Number of products on MCB of 16 A type B	36

Temperature	
Ambient temperature range	-20 to +40 °C

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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	1,261 mm
Overall width	260 mm
Overall height	71 mm
Effective projected area	0.32 m²
Dimensions (height x width x depth)	71 x 260 x 1261 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

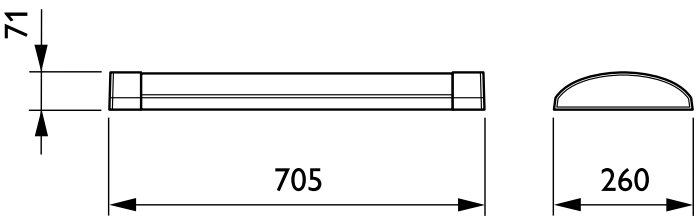
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.377) SDCM<3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

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	30%

Product Data	
Order product name	BGP491 LED40 I D9
Full product name	BGP491 LED40 I D9
Full EOC	871869938534700
Order code	38534700
Material no. (12 NC)	912401483155
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699385347
Numerator – packs per outer box	1
EAN/UPC - Case	8718699385347

Dimensional drawing



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2023, April 30 - data subject to change