PHILIPS

Lighting



Flow LED

BGP491 LED40 II D9

LED module 4000 lm, 840 neutral white, Power supply unit with DALI interface, 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	LED40 [LED module 4000 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	4,000 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	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

Flow LED

Temperature	
Ambient temperature range	-20 to +40 °C

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	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	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 II

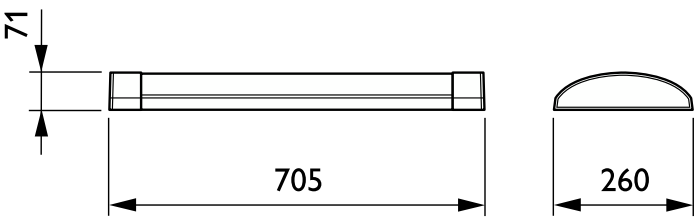
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.380, 0.377) SDCM<3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.1 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	30%

Product Data	
Order product name	BGP491 LED40 II D9
Full product name	BGP491 LED40 II D9
Full product code	871869938538500
Order code	912401483159
Material Nr. (12NC)	912401483159
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699385385
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699385385

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.