Coreline tempo medium

BVP125 LED120-4S/740 A

Coreline tempo medium - LED module 12000 lm - 740 neutral white - Asymmetrical

CoreLine tempo medium is a highly efficient range of floodlights designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. A limited range of options makes it easy to find the best lux-for-lux replacement. The easy-to-install CoreLine tempo medium offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. It includes a U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

Product data

General Information

Lamp family code	LED120 [LED module 12000 lm]
Light source color	740 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Flat glass
Luminaire light beam spread	9° - 41° x 102°
Connection	External connector
Cable	Cable 0.45 m with connector 3-pole
Protection class IEC	Safety class I
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	3 years

Optic type outdoor	Asymmetrical
Constant light output	No
Number of products on MCB of 16 A type B	8
RoHS mark	RoHS mark
Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Product family code	BVP125 [Coreline tempo medium]

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 to 240 V

Coreline tempo medium

Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.96

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	Wall-mounting bracket
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	388.5 mm
Overall width	265 mm
Overall height	67.4 mm
Effective projected area	0.09 m²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	12000 lm

Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	129 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.382, 0.379) SDCM <3
Initial input power	95 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

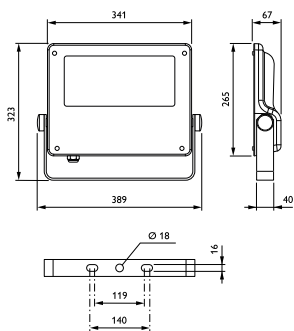|	
Driver failure rate at 5000 h	0.12 %
Useful life L80B10	70000 h
Lumen maintenance at useful life of 100000 h, at 25 °C	93

Application Conditions

Ambient temperature range	-40 to +35 °C

Product Data

Full product code	871869945587300
Order product name	BVP125 LED120-4S/740 A
EAN/UPC - Product	8718699455873
Order code	912300024001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024001
Net Weight (Piece)	4.750 kg

Dimensional drawing

CoreLine Tempo BVP110/120/125/130/140

www.lighting.philips.com

2018, May 8 - data subject to change