

Coreline tempo medium

BVP125 LED80-4S/740 S

Coreline tempo medium - LED module 8000 lm - 740 neutral white - Symmetrical

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	LED80 [LED module 8000 lm]
Light source colour	740 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	69° x 25°
Connection	CE [External connector]
Cable	Cable 450 mm with connector 3-pole
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark

ENEC mark	ENEC mark
Warranty period	3 years
Outdoor optic type	Symmetrical
Constant light output	No
Number of products on MCB	8
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BVP125 [Coreline tempo medium]

Light Technical	
Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Coreline tempo medium

Operating and Electrical	
Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power factor (min.)	0.94

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	MBW [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]

Initial Performance (IEC Compliant)	
Initial luminous flux	8000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>70
Initial chromaticity	(0.382, 0.379) SDCM <3
Initial input power	63 W
Power consumption tolerance	+/-11%

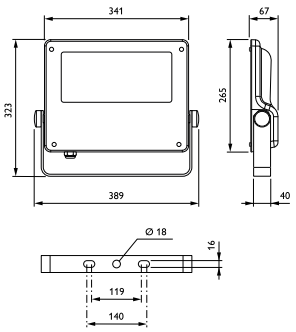
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	0.12 %
Useful life L80B10	70000 h
Lumen maintenance at useful life of 100,000 h, at 25 °C	94

Application Conditions	
Ambient temperature range	-40 to +35 °C

Product Data	
Full product code	871869945590300
Order product name	BVP125 LED80-4S/740 S
EAN/UPC – product	8718699455903
Order code	45590300
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300024004
Net weight (piece)	4.750 kg



Dimensional drawing



CoreLine Tempo BVP110/120/125/130/140

Coreline tempo medium

© 2018 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.

www.lighting.philips.com
2018, January 25 - data subject to change