PHILIPS Lighting



Coreline tempo large

BVP130 LED120-4S/740 A

Coreline tempo large, 93 W, 12000 lm, 4000 K, Asymmetrical, IP66

CoreLine tempo large delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A narrow range of options makes it easy to find the best lux-for-lux replacement for 150-W, 250 -W and 400-W HID lamps. The CoreLine tempo large floodlighting range offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. The installation is made easy thanks to the U-shaped universal mounting bracket and the external, quick 3-poles connector. It is an ideal solution for outdoor areas such as tempo floodlights for industrial/commercial areas, car parks etc.

Product data

General Information	
Lamp family code	LED120 [LED module 12000 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating performance of
	LED based luminaires – January 2018':
	statistically there is no relevant difference in
	lumen maintenance between the B50 and,
	for example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
Light source engine type	LED
Product family code	BVP130 [CORELINE TEMPO LARGE]

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	12,000 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

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Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	129 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	52° x 102°
Optic type outdoor	Asymmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	93 W
Power Factor (Fraction)	0.9
Connection	External connector
Cable	Cable 0.2 m with cable connector
Number of products on MCB of 16 A type	1
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium die cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	483 mm
Overall width	365 mm

Effective projected area	0.15 m²
Dimensions (height x width x depth)	40 x 365 x 483 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proo
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV
	differential mode and 8 kV common mode
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.379) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	ant)
Over Time Performance (IEC Complia Control gear failure rate at median useful	
Control gear failure rate at median useful	7.5 %
Control gear failure rate at median useful life 50,000 h	7.5 %
Control gear failure rate at median useful life 50,000 h Lumen maintenance at median useful life*	7.5 %
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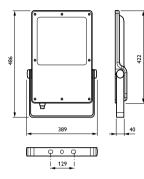
40 mm

Overall height

Product Data	
Order product name	BVP130 LED120-4S/740 A
Full product name	BVP130 LED120-4S/740 A
Full EOC	871869909723300
Order code	09723300
Material no. (12 NC)	912300023680
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699097233
Numerator – packs per outer box	1
EAN/UPC - Case	8718699097233

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Dimensional drawing





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