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°

data subject to change

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Correlated Colour Temperature	4000 K		Overall height	40 mm
Luminous efficacy (rated) (nom.)	129 lm/W		Effective projected area	0.15 m²
Colour rendering index (CRI)	>70		Dimensions (height x width x depth)	40 x 365 x 483 mm
Light source colour	740 neutral white			
Optical cover type	Flat glass			
Luminaire light beam spread	52° x 102°		**Approval and Application**	
Optic type outdoor	Asymmetrical		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
			Mech. impact protection code	IK08 [5 J vandal-protected]
Operating and Electrical			Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
Input Voltage	220 to 240 V		Protection class IEC	Safety class I
Line Frequency	50 to 60 Hz		Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Inrush current	53 A			
Inrush time	0.3 ms			
Power Consumption	93 W		**Initial Performance (IEC Compliant)**	
Power Factor (Fraction)	0.9		Luminous flux tolerance	+/-7%
Connection	External connector		Initial chromaticity	(0.382, 0.379) SDCM <3
Cable	Cable 0.2 m with cable connector		Power consumption tolerance	+/-10%
Number of products on MCB of 16 A type B	1		Init. Color Rendering Index Tolerance	+/-2
Temperature			**Over Time Performance (IEC Compliant)**	
Ambient temperature range	–40 to +50 °C		Control gear failure rate at median useful life 50,000 h	7.5 %
			Lumen maintenance at median useful life* 75000 h	L80
Controls and Dimming				
Dimmable	No			
Driver/power unit/transformer	Power supply unit (On/Off)		**Application Conditions**	
Constant light output	No		Performance ambient temperature Tq	25 °C
Mechanical and Housing			**Product Data**	
Housing material	Aluminium die cast		Order product name	BVP130 LED120-4S/740 A
Reflector material	Acrylate		Full product name	BVP130 LED120-4S/740 A
Optic material	Polymethyl methacrylate		Full EOC	871869909723300
Optical cover/lens material	Glass		Order code	09723300
Fixation material	Aluminium		Material no. (12 NC)	912300023680
Housing Colour	Grey		SAP numerator – quantity per pack	1
Mounting device	Mounting bracket adjustable		EAN/UPC — Product/Case	8718699097233
Optical cover/lens shape	Flat		Numerator – packs per outer box	1
Optical cover/lens finish	Clear		EAN/UPC – Case	8718699097233
Overall length	483 mm			
Overall width	365 mm			

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Dimensional drawing

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