



Coreline tempo large

BVP130 LED160-4S/730 A

Coreline tempo large, Floodlight, 114 W, 16000 lm, 3000 K, CRI70, 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 150W, 250W, and 400W 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, parking lots, etc.

Product data

General Information		Flammability mark	
Lamp family code	LED160 [LED module 16000 lm]	For mounting on normally flammable surfaces	
Light source replaceable	Yes	ENEC mark	
Number of gear units	1 unit	EU RoHS compliant	
Driver included	Yes		
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Light Technical	
Light source engine type	LED	Upward light output ratio	0
Product family code	BVP130 [CORELINE TEMPO LARGE]	Luminous Flux	16,000 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Value ladder	Performance	Standard tilt angle side entry	0°
CE mark	Yes	Correlated Color Temperature (Nom)	3000 K
Warranty period	5 years	Luminous Efficacy (rated) (Nom)	142 lm/W
		Color rendering index (CRI)	70
		Light source color	730 warm white
		Optical cover type	Flat glass

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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	114 W
Power Factor (Fraction)	0.99
Connection	External connector
Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-40 to +45 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	340.5 mm
Overall width	422 mm
Overall height	40 mm
Effective projected area	0.15 m²
Dimensions (Height x Width x Depth)	40 x 422 x 341 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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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
Sustainability rating	-
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	(0.434, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75000 h	10 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 75000 h	L80
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BVP130 LED160-4S/730 A
Full product name	BVP130 LED160-4S/730 A
Full product code	871869990520000
Order code	912300057770
Material Nr. (12NC)	912300057770
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699905200
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699905200

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Dimensional drawing

