



Coreline tempo large

BVP130 LED160-4S/740 PSU S ALU C1KC3

BVP130 | CORELINE TEMPO LARGE - LED160-4S | LED module, system flux 16000 lm - 4S | 4th generation, screw fixation - 740 neutral white - Symmetrical

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			
Lamp family code	LED160-4S [LED module, system flux 16000 lm]		might automatically dim down to protect components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Service tag	Yes
Driver included	Yes	Product family code	BVP130 [CORELINE TEMPO LARGE]
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire	Lighting Technology	LED
		Value ladder	Performance
		Light Technical	
		Upward light output ratio	0
		Luminous Flux	16,000 lumen
		Standard tilt angle posttop	0°
		Standard tilt angle side entry	0°
		Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	154 lm/W
Color rendering index (CRI)	70
Number of light sources	60
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Luminaire light beam spread	70° x 21°
Optic type outdoor	Symmetrical

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	109 W
Inrush current	53 A
Inrush time	0.3 ms
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/lens material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	340.5 mm
Overall width	422 mm
Overall height	40 mm
Effective projected area	0.15 m ²
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
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.379) 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

Full product code	871869909644100
Order product name	BVP130 LED160-4S/740 PSU S ALU C1KC3
Order code	912300023665
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	912300023665
Full product name	BVP130 LED160-4S/740 PSU S ALU C1KC3
EAN/UPC - Case	8718699096441



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Dimensional drawing

