

Coreline tempo large

BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo large, Floodlight, 109 W, 16000 lm, 4000 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	
Lamp family code	LED160-4S [LED module, system flux 16000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
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 might automatically dim down to protect components

Light source engine type	LED
Product family code	BVP130 [CORELINE TEMPO LARGE]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical	
Upward light output ratio	0

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Luminous Flux	16,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color rendering index (CRI)	70
Number of light sources	60
Light source color	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	109 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

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]
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	(0.382, 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

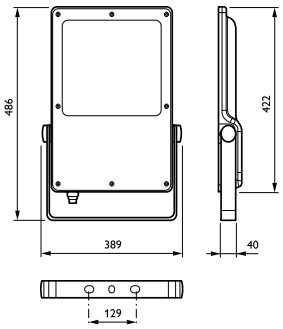
Performance ambient temperature Tq	25 °C

Product Data

Order product name	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3
Full product name	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3
Full product code	871869909641000
Order code	09641000
Material Nr. (12NC)	912300023662
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699096410
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699096410

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Dimensional drawing



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