



Coreline tempo medium

BVP125 LED80-4S/730 PSU S ALU C1KC3

Coreline tempo medium, Floodlight, 59 W, 8000 lm, 3000 K, CRI70, Symmetrical, IP66

Coreline tempo medium delivers on the Coreline promise of innovative, easy to use and high quality floodlighting. A limited range of options makes it easy to find the best lux-for-lux replacement for conventional technologies and direct replacement of 100W and 150W HID lamps . The CoreLine tempo medium offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. Installing the LED flood lighting is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal floodlighting solution for outdoor environments such as industrial/commercial areas, parking lots, etc.

Product data

General Information			
Lamp family code	LED80 [LED module 8000 lm]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	EU RoHS compliant	Yes
Light Technical			
Light source engine type	LED	Upward light output ratio	0
Product family code	BVP125 [Coreline tempo medium]	Luminous Flux	8,000 lm
Lighting Technology	LED	Standard tilt angle posttop	0°
Value ladder	Performance	Standard tilt angle side entry	0°

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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	141 lm/W
Color rendering index (CRI)	70
Light source color	730 warm white
Optical cover type	Flat glass
Luminaire light beam spread	69° x 25°
Optic type outdoor	Symmetrical

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	59 W
Power Factor (Fraction)	0.95
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
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Wall-mounting bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	340.5 mm
Overall width	265 mm
Overall height	67.4 mm
Effective projected area	0.09 m²
Dimensions (Height x Width x Depth)	67 x 265 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	(0.434, 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	BVP125 LED80-4S/730 PSU S ALU C1KC3
Full product name	BVP125 LED80-4S/730 PSU S ALU C1KC3
Full product code	871869990521700
Order code	912300057767
Material Nr. (12NC)	912300057767
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699905217
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699905217

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Dimensional drawing

