



Coreline tempo medium

BVP125 LED120-4S/740 PSU S ALU C1KC3

BVP125 | Coreline tempo medium - LED120-4S | LED module, system flux 12000 lm - 740 neutral white - Symmetrical

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	LED120-4S [LED module, system flux 12000 lm]	value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source replaceable	No	
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)	
Light Technical		
Light source engine type	LED	
Product family code	BVP125 [Coreline tempo medium]	
Lighting Technology	LED	
Value ladder	Performance	
Upward light output ratio	0	
Luminous Flux	12,000 lumen	

Coreline tempo medium

Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	139 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover/lens 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
Input Frequency	50 to 60 Hz
Power Consumption	88 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
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Wall-mounting bracket
Optical cover/lens shape	Flat
Optical cover/lens 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
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	871869945589700
Order product name	BVP125 LED120-4S/740 PSU S ALU C1KC3
Order code	912300024003
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	912300024003
Full product name	BVP125 LED120-4S/740 PSU S ALU C1KC3
EAN/UPC - Case	8718699455897



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Dimensional drawing

