



Coreline tempo medium

BVP125 LED160-4S/740 DX50 MSP

Coreline tempo medium, Floodlight, 117 W, 16000 lm, 4000 K, CRI70, DX50, IP66, MSP

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. 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	LED160 [LED module 16000 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Product family code	BVP125 [Coreline tempo medium]
Lighting Technology	LED
Value ladder	Performance
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical	
Upward light output ratio	0
Luminous Flux	16,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Luminous Efficacy (rated) (Nom)	140 lm/W
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	69° x 25°

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Optic type outdoor	DX50
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	117 W
Power Factor (Fraction)	0.98
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
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
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
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	L90
Application Conditions	
Performance ambient temperature Tq	25 °C
Product Data	
Order product name	BVP125 LED160-4S/740 S
Full product name	BVP125 LED160-4S/740 S
Full product code	872016980296400
Order code	910771137499
Material Nr. (12NC)	910771137499
Numerator - Quantity Per Pack	1
Net Weight (Piece)	5.000 kg
EAN/UPC - Product/Case	8720169802964
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169558977

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Dimensional drawing

