



Coreline tempo medium

BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3

BVP125 | Coreline tempo medium - LED80-4S | LED module, system flux 8000 lm - 740 neutral white - Optiflux asymmetrical axis angle 52°

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	LED80-4S [LED module, system flux 8000
	lm]
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)
value also represents the B10 value. * At
extreme ambient temperatures the luminair
might automatically dim down to protect
components
Light source engine type LED
Product family code BVP125 [Coreline tempo medium]
Lighting Technology LED
Value ladder Performance

Datasheet, 2023, May 16 data subject to change

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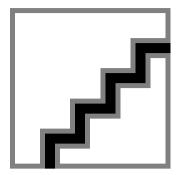
Light Technical	
Upward light output ratio	0
Luminous Flux	8,000 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	147 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Luminaire light beam spread	9° - 41° x 102°
Optic type outdoor	Asymmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	55 W
Inrush current	53 A
Inrush time	0.3 ms
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	8
В	
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/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 width	
Overall height	67.4 mm
	67.4 mm 0.09 m²
Overall height	

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 Compli	iant)
Control gear failure rate at median useful	10 %
life 75000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 75000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	25.05
Performance ambient temperature Tq	25 ℃
Product Data	
Product Data	871869945588000
Full product code	
Order product name	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3
Order code	912300024002
Numerator - Quantity Per Pack	1
Numerator - Quantity Per Pack Numerator - Packs per outer box	1
	912300024002
Material number (12NC)	
Full product name	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3
EAN/UPC - Caso	
EAN/UPC - Case	8718699455880



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Dimensional drawing





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