



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 100-W and 150-W 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, car parks etc.

Product data

Operating and electrical		General information	
Input Voltage	220 to 240 V	Lamp family code	LED80-4S [LED module, system flux 8000 lm]
Line Frequency	50 to 60 Hz	Light source colour	740 neutral white
Input frequency	50 to 60 Hz	Light source replaceable	No
Power Consumption	55 W	Number of gear units	Unit
Inrush current	53 A	Driver/power unit/transformer	Power supply unit
Inrush time	0.3 ms	Driver included	Yes
Power Factor (Fraction)	0.98	Optical cover/lens type	Flat glass
		Luminaire light beam spread	9° - 41° x 102°
		Connection	External connector

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Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole	Optical cover/lens shape	Flat
Protection class IEC	Safety class I	Optical cover/lens finish	Clear
Flammability mark	For mounting on normally flammable surfaces	Overall length	340.5 mm
CE mark	Yes	Overall width	265 mm
ENEC mark	ENEC mark	Overall height	67.4 mm
Warranty period	5 years	Effective projected area	0.09 m ²
Optic type outdoor	Optiflux asymmetrical axis angle 52°	Dimensions (height x width x depth)	NaN x NaN x NaN mm
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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	Approval and application	
Constant light output	No	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Number of products on MCB of 16 A type	8	Mech. impact protection code	IK08 [5 J vandal-protected]
B			
Photobiological risk	Photobiological risk group 1 @200mm to EN62778	Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
EU RoHS compliant	Yes	Sustainability rating	-
Light source engine type	LED	Initial performance (IEC compliant)	
Product family code	BVP125 [Coreline tempo medium]	Luminous flux tolerance	+/-7%
Lighting Technology	LED	Init. Corr. Colour Temperature	4000 K
Brand	Philips	Initial chromaticity	(0.382, 0.379) SDCM <5
Value ladder	Performance	Power consumption tolerance	+/-10%
Light technical		Init. Color Rendering Index Tolerance	+/-2
Upwards light output ratio	0	Over time performance (IEC compliant)	
Luminous Flux	8,000 lm	Control gear failure rate at median useful life 50,000 h	10 %
Standard tilt angle post-top	0°	Control gear failure rate at median useful life 100,000 h	10 %
Standard tilt angle side entry	0°	Lumen maintenance at median useful life* 75000 h	L80
Luminous Efficacy (rated) (Nom)	147 lm/W	Lumen maintenance at median useful life* 100,000 h	L80
Colour rendering index (CRI)	70	Application conditions	
Temperature			
Ambient temperature range	-40 to +45 °C	Performance ambient temperature Tq	25 °C
Mechanical and housing			
Housing material	Aluminium	Product data	
Reflector material	-	Full EOC	871869945588000
Optic material	Polycarbonate	Order product name	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3
Optical cover/lens material	Glass	Order code	45588000
Fixation material	Aluminium	SAP numerator – quantity per pack	1
Housing Colour	Grey	Numerator – packs per outer box	1
Mounting device	Wall-mounting bracket	Material number (12NC)	912300024002



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Dimensional drawing

