



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	
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

General information	
Lamp family code	LED80-4S [LED module, system flux 8000 lm]
Light source colour	740 neutral white
Light source replaceable	No
Number of gear units	Unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
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
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
Optic type outdoor	Optiflux asymmetrical axis angle 52°
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
Constant light output	No
Number of products on MCB of 16 A type B	8
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Light source engine type	LED
Product family code	BVP125 [Coreline tempo medium]
Lighting Technology	LED
Brand	Philips
Value ladder	Performance

Light technical

Upwards light output ratio	0
Luminous Flux	8,000 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Luminous Efficacy (rated) (Nom)	147 lm/W
Colour rendering index (CRI)	70

Temperature

Ambient temperature range	-40 to +45 °C
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Mechanical and housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
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)	NaN x NaN x NaN 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 up to 6 kV differential mode and 8 kV common mode
Sustainability rating	-

Initial performance (IEC compliant)

Luminous flux tolerance	+/-7%
Init. Corr. Colour Temperature	4000 K
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 50,000 h	10 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 75000 h	L80
Lumen maintenance at median useful life* 100,000 h	L80

Application conditions

Performance ambient temperature Tq	25 °C
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Product data

Full EOC	871869945588000
Order product name	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3
Order code	45588000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material number (12NC)	912300024002
Net weight	5.000 kg
Full product name	BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3
EAN/UPC – Case	8718699455880



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Dimensional drawing

