PHILIPS Lighting



Coreline tempo medium

BVP125 LED80-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo medium, Floodlight, 57 W, 8000 lm, 4000 K, CRI70, Asymmetrical, IP66

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 highperformance 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

General Information	
Lamp family code	LED80-4S [LED module, system flux 8000
	lm]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
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
Light source engine type	LED
Product family code	BVP125 [Coreline tempo medium]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces

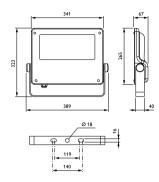
Coreline tempo medium

ENEC mark	ENEC mark
EU RoHS compliant	Yes
Serviceability class	Class C, luminaire without serviceable parts,
	not serviceable
Light Technical	
Upwards light output ratio	0
Luminous Flux	8,000 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	144 lm/W
Colour rendering index (CRI)	70
Light source colour	740 neutral white
Optical cover 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
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	57 W
Power Factor (Fraction)	0.94
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
e	
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-
	Polycarbonate
Optic material Optical cover/lens material	Glass
Optic material	Glass Aluminium
Optic material Optical cover/lens material	
Optic material Optical cover/lens material Fixation material Housing Colour	Aluminium
Optic material Optical cover/lens material Fixation material	Aluminium Grey

5 mm mm m ² 265 x 341 mm [Dust penetration-protected, jet-proof] [5 J vandal-protected] pairs surge protection level up to 6 kV
mm m² 265 x 341 mm [Dust penetration-protected, jet-proof] [5 J vandal-protected]
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naire surge protection lovel up to 6 197
naire surge protection level up to 6 kV
rential mode and 8 kV common mode
ty class I
obiological risk group 1 @200mm to
2778
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2, 0.379) SDCM <5
0%
25 LED80-4S/740 PSU OFA52 ALU
3
25 LED80-4S/740 PSU OFA52 ALU
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8000
00024002
699455880

Coreline tempo medium

Dimensional drawing





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