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 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 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

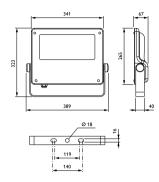
Coreline tempo medium

ENEC mark	ENEC mark
EU RoHS compliant	Yes
Serviceability class	Class C, luminaire without serviceable parts,
	not serviceable
Light Technical	
Upward light output ratio	0
Luminous Flux	8,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	70
Light source color	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
	8
Number of products on MCB of 16 A type	0
Number of products on MCB of 16 A type B	0
	U
В	-40 to +45 °C
B Temperature	
B Temperature	
B Temperature Ambient temperature range	
B Temperature Ambient temperature range Controls and Dimming	-40 to +45 °C
B Temperature Ambient temperature range Controls and Dimming Dimmable	-40 to +45 °C No
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	-40 to +45 °C No Power supply unit (On/Off)
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B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material	-40 to +45 °C No Power supply unit (On/Off) No Aluminum -
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material	-40 to +45 °C No Power supply unit (On/Off) No Aluminum - Polycarbonate Glass
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	-40 to +45 °C No Power supply unit (On/Off) No Aluminum - Polycarbonate Glass Aluminum
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	-40 to +45 °C No Power supply unit (On/Off) No Aluminum - Polycarbonate Glass Aluminum Gray
B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	-40 to +45 °C No Power supply unit (On/Off) No Aluminum - Polycarbonate Glass Aluminum

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
Photobiological risk	Photobiological risk group 1@200mm to
	EN62778
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 Compl	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	
Performance ambient temperature Tq	25 °C
Product Data	
Order product name	BVP125 LED80-4S/740 PSU OFA52 ALU
	СІКСЗ
Full product name	BVP125 LED80-4S/740 PSU OFA52 ALU
	C1KC3
Full product code	871869945588000
Order code	45588000
Material Nr. (12NC)	912300024002
Numerator - Quantity Per Pack	1
Numerator - Quantity Per Pack EAN/UPC - Product/Case	1 8718699455880
Numerator - Quantity Per Pack	1

Coreline tempo medium

Dimensional drawing





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