**PHILIPS** Lighting



# **Coreline tempo** medium

# BVP125 LED120-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo medium, Floodlight, 90 W, 12000 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	LED120-4S [LED module, system flux 12000
	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)

extreme ambient temperatures the lumi	
	might automatically dim down to protect
	components
Light source engine type	LED
Service tag	Yes
Product family code	BVP125 [Coreline tempo medium]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years

value also represents the B10 value. \* At

### Coreline tempo medium

Flammability mark	For mounting on normally flammable	
-	surfaces	
ENEC mark	ENEC mark	
EU RoHS compliant	Yes	
Light Technical		
Upward light output ratio	0	
Luminous Flux	12,000 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	0°	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	134 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	90 W	
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	
B		
<u> </u>		
Temperature		
Ambient temperature range	-40 to +45 °C	
Controls and Dimming		
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 material	Glass	
Fixation material	Aluminum	
Housing Color	Gray	
Mounting device	Wall-mounting bracket	
Optical cover shape	Flat	
Optical cover shape Optical cover finish	· · · · · · · · · · · · · · · · · · ·	

Overall length	340.5 mm
Overall length	540.5 11111
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	

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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 Compliant)

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 life*	L80
75000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	

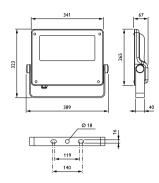
Performance ambient temperature Tq 25 °C

#### Product Data

Order product name	BVP125 LED120-4S/740 PSU OFA52 ALU
	C1KC3
Full product name	BVP125 LED120-4S/740 PSU OFA52 ALU
	C1KC3
Full product code	871869945587300
Order code	912300024001
Material Nr. (12NC)	912300024001
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699455873
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699455873

## Coreline tempo medium

#### Dimensional drawing





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