



# Coreline tempo medium

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

Coreline tempo medium, Floodlight, 90 W, 12000 lm, 4000 K, CRI70, Symmetrical, 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 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**

General Information		
Lamp family code	LED120-4S [LED module, system flux 12000	
	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

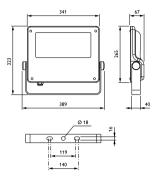
Datasheet, 2023, December 5 data subject to change

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Flammability mark	For mounting on normally flammable	Optical cover/lens shape	Flat
	surfaces	Optical cover/lens finish	Clear
ENEC mark	ENEC mark	Overall length	340.5 mm
EU RoHS compliant	Yes	Overall width	265 mm
Serviceability class	Class C, luminaire without serviceable parts,	Overall height	67.4 mm
	not serviceable	Effective projected area	0.09 m²
		Dimensions (height x width x depth)	67 x 265 x 341 mm
Light Technical			
Upwards light output ratio	0	Approval and Application	
Luminous Flux	12,000 lm	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle post-top	O°	Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle side entry	0°	Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV
Correlated Colour Temperature	4000 K		differential mode and 8 kV common mode
Luminous efficacy (rated) (nom.)	137 lm/W	Sustainability rating	-
Colour rendering index (CRI)	70	Protection class IEC	Safety class I
Light source colour	740 neutral white	Photobiological risk	Photobiological risk group 1@200mm to
Optical cover type	Flat glass		EN62778
Luminaire light beam spread	69° x 25°		
Optic type outdoor	Symmetrical	Initial Performance (IEC Compliant)	
		Luminous flux tolerance	+/-7%
Operating and Electrical		Initial chromaticity	(0.382, 0.379) SDCM <5
Input Voltage	220 to 240 V	Power consumption tolerance	+/-10%
Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
Inrush current	53 A		
Inrush time	0.3 ms	Over Time Performance (IEC Compl	iant)
Power Consumption	90 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.98	life 50,000 h	
Connection	External connector	Control gear failure rate at median useful	10 %
Cable	Cable 1.0 m with plug Wieland/Adels	life 100,000 h	
	compatible 3-pole	Lumen maintenance at median useful	L80
Number of products on MCB of 16 A type	e 8	life* 75000 h	
В		Lumen maintenance at median useful	L80
		life* 100,000 h	
Temperature			
Ambient temperature range	-40 to +45 ℃	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit (On/Off)	Order product name	BVP125 LED120-4S/740 PSU S ALU C1KC3
Constant light output	No	Full product name	BVP125 LED120-4S/740 PSU S ALU C1KC3
		Full EOC	871869945589700
Mechanical and Housing		Order code	45589700
Housing material	Aluminium	Material no. (12 NC)	912300024003
Reflector material	-	SAP numerator – quantity per pack	1
Optic material	Polycarbonate	EAN/UPC — Product/Case	8718699455897
Optical cover/lens material	Glass	Numerator – packs per outer box	1
Fixation material	Aluminium	EAN/UPC - Case	8718699455897
Housing Colour	Grey		
Mounting device	Wall-mounting bracket		

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### Dimensional drawing





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