



# **Coreline tempo large**

## BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo large, Floodlight, 146 W, 21000 lm, 4000 K, CRI70, Asymmetrical, IP66

CoreLine tempo large delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A narrow range of options makes it easy to find the best lux-for-lux replacement for 150-W, 250 -W and 400-W HID lamps. The CoreLine tempo large floodlighting range offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. The installation is made easy thanks to the U-shaped universal mounting bracket and the external, quick 3-poles connector. It is an ideal solution for outdoor areas such as tempo floodlights for industrial/commercial areas, car parks etc.

#### **Product data**

General Information	
Lamp family code	LED210-4S [LED module, system flux 21000
	lm]
Light source replaceable	Yes
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	BVP130 [CORELINE TEMPO LARGE]	
Lighting Technology	LED	
Value ladder	Performance	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	ENEC mark	
EU RoHS compliant	Yes	

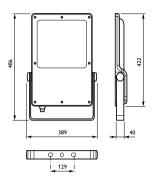
Datasheet, 2023, December 5 data subject to change

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Serviceability class	Class C, luminaire without serviceable parts,	Overall width	422 mm
	not serviceable	Overall height	40 mm
		Effective projected area	0.15 m²
Light Technical		Dimensions (height x width x depth)	40 x 422 x 341 mm
Upwards light output ratio	0		
Luminous Flux	21,000 lm	Approval and Application	
Standard tilt angle post-top	O°	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle side entry	O°	Mech. impact protection code	IK08 [5 J vandal-protected]
Correlated Colour Temperature	4000 K	Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV $$
Luminous efficacy (rated) (nom.)	144 lm/W		differential mode and 8 kV common mode
Colour rendering index (CRI)	70	Sustainability rating	-
Number of light sources	80	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	52° x 102°		
Optic type outdoor	Asymmetrical	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	58 A		
Inrush time	0.34 ms	Over Time Performance (IEC Compl	iant)
Power Consumption	146 W	Control gear failure rate at median useful	10 %
Power Factor (Fraction)	0.99	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	7	life* 75000 h	
В		Lumen maintenance at median useful	L80
		life* 100,000 h	
Temperature			
Ambient temperature range	-40 to +45 °C	<b>Application Conditions</b>	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit (On/Off)	Order product name	BVP130 LED210-4S/740 PSU OFA52 ALU
Constant light output	No		C1KC3
		Full product name	BVP130 LED210-4S/740 PSU OFA52 ALU
Mechanical and Housing			C1KC3
Housing material	Aluminium die cast	Full EOC	871869909640300
Reflector material	-	Order code	09640300
Optic material	Polycarbonate	Material no. (12 NC)	912300023661
Optical cover/lens material	Glass	SAP numerator – quantity per pack	1
Fixation material	Aluminium	EAN/UPC — Product/Case	8718699096403
Housing Colour	Grey	Numerator – packs per outer box	1
Mounting device	Mounting bracket adjustable	EAN/UPC - Case	8718699096403
Optical cover/lens shape	Flat		
Optical cover/lens finish	Clear		
Overall length	340.5 mm		

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### Dimensional drawing





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