



Coreline tempo large

BVP130 LED160-4S/740 PSU S ALU C1KC3

Coreline tempo large, Floodlight, 109 W, 16000 lm, 4000 K, CRI70, Symmetrical, 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 150W, 250W, and 400W 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, parking lots, etc.

Product data

General Information		
Lamp family code	LED160-4S [LED module, system flux 16000	
	lm]	
Light source replaceable	Yes	
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		
Service tag	Yes		
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		
Serviceability class	Class C, luminaire without serviceable parts,		
	not serviceable		

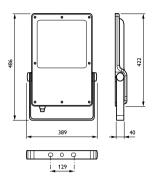
Datasheet, 2023, April 25 data subject to change

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Light Technical		Overall width	422 mm
Upward light output ratio	0	Overall height	40 mm
Luminous Flux	16,000 lm	Effective projected area	0.15 m ²
Standard tilt angle posttop	0°	Dimensions (Height x Width x Depth)	40 x 422 x 341 mm
Standard tilt angle side entry	0°		
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	154 lm/W	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Color rendering index (CRI)	70	Mech. impact protection code	IK08 [5 J vandal-protected]
Number of light sources	60	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Light source color	740 neutral white		differential mode and 8 kV common mode
Optical cover type	Flat glass	Sustainability rating	-
Luminaire light beam spread	70° x 21°	Protection class IEC	Safety class I
Optic type outdoor	Symmetrical	Photobiological risk	Photobiological risk group 1 @200mm to
			EN62778
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Inrush current	53 A	Initial chromaticity	(0.382, 0.379) SDCM <5
Inrush time	0.3 ms	Power consumption tolerance	+/-10%
Power Consumption	109 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.99		
Connection	External connector	Over Time Performance (IEC Compli	iant)
Cable	Cable 1.0 m with plug Wieland/Adels	Control gear failure rate at median useful	10 %
	compatible 3-pole	life 75000 h	
Number of products on MCB of 16 A type	8	Control gear failure rate at median useful	10 %
В		life 100000 h	
		Lumen maintenance at median useful	L80
Temperature		life* 75000 h	
Ambient temperature range	-40 to +45 °C	Lumen maintenance at median useful	L80
		life* 100000 h	
Controls and Dimming			
Dimmable	No	Application Conditions	
Driver/power unit/transformer	Power supply unit (On/Off)	Performance ambient temperature Tq	25 ℃
Constant light output	No		
		Product Data	
Mechanical and Housing		Order product name	BVP130 LED160-4S/740 PSU S ALU C1KC3
Housing Material	Aluminum die cast	Full product name	BVP130 LED160-4S/740 PSU S ALU C1KC3
Reflector material	-	Full product code	871869909644100
Optic material	Polycarbonate	Order code	09644100
Optical cover material	Glass	Material Nr. (12NC)	912300023665
Fixation material	Aluminum	Numerator - Quantity Per Pack	1
Housing Color	Gray	EAN/UPC - Product/Case	8718699096441
		Numerator - Packs per outer box	1
Mounting device	Mounting bracket adjustable		
Mounting device Optical cover shape	Mounting bracket adjustable Flat	EAN/UPC - Case	8718699096441
		EAN/UPC - Case	8718699096441

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Dimensional drawing





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