



Coreline tempo large

BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo large, Floodlight, 109 W, 16000 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	LED160-4S [LED module, system flux 16000
	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

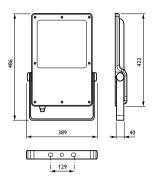
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Serviceability class	Class C, luminaire without serviceable parts,
	not serviceable
Light Technical	
Upwards light output ratio	0
Luminous Flux	16,000 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	150 lm/W
Colour rendering index (CRI)	70
Number of light sources	60
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	52° 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	109 W
Power Factor (Fraction)	0.99
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
В	
Temperature	
Temperature Ambient temperature range	-40 to +45 °C
	-40 to +45 °C
	-40 to +45 °C
Ambient temperature range	-40 to +45 °C No
Ambient temperature range Controls and Dimming	
Ambient temperature range Controls and Dimming Dimmable	No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output	No Power supply unit (On/Off)
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Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output	No Power supply unit (On/Off)
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing	No Power supply unit (On/Off) No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing material	No Power supply unit (On/Off) No
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing material Reflector material	No Power supply unit (On/Off) No Aluminium die cast
Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing material Reflector material Optic material	No Power supply unit (On/Off) No Aluminium die cast - Polycarbonate
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/lens material	No Power supply unit (On/Off) No Aluminium die cast - Polycarbonate Glass
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/lens material Fixation material	No Power supply unit (On/Off) No Aluminium die cast - Polycarbonate Glass Aluminium
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/lens material Fixation material Housing Colour	No Power supply unit (On/Off) No Aluminium die cast - Polycarbonate Glass Aluminium Grey
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/lens material Fixation material Housing Colour Mounting device	No Power supply unit (On/Off) No Aluminium die cast - Polycarbonate Glass Aluminium Grey Mounting bracket adjustable

Overall width	422 mm
Overall height	40 mm
Effective projected area	0.15 m²
Dimensions (height x width x depth)	40 x 422 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 up to 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 Compli	ant)
Control gear failure rate at median useful	10 %
life 50,000 h	
Control gear failure rate at median useful	10 %
life 100,000 h	
Lumen maintenance at median useful	L80
life* 75000 h	
Lumen maintenance at median useful	L80
life* 100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BVP130 LED160-4S/740 PSU OFA52 ALU
	C1KC3
Full product name	BVP130 LED160-4S/740 PSU OFA52 ALU
	C1KC3
Full EOC	871869909641000
Order code	09641000
Material no. (12 NC)	912300023662
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699096410
Numerator – packs per outer box	1
EAN/UPC - Case	8718699096410

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Dimensional drawing





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