



Coreline tempo large

BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3

CORELINE TEMPO LARGE - LED module, system flux 16000 lm
 - 4th generation, screw fixation - 740 neutral white - Optiflux
 asymmetrical axis angle 52°

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		Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole
Number of light sources	60 pcs	Protection class IEC	Safety class I
Lamp family code	LED160-4S [LED module, system flux 16000 lm]	Flammability mark	For mounting on normally flammable surfaces
Lamp version	4S [4th generation, screw fixation]	CE mark	CE mark
Light source color	740 neutral white	ENEC mark	ENEC mark
Light source replaceable	Yes	UL mark	-
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	Power supply unit	Optic type outdoor	Optiflux asymmetrical axis angle 52°
Driver included	Yes	RAL color	Gray aluminum (9007)
Optical element	-	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen
Optical cover/lens type	Flat glass		
Luminaire light beam spread	52° x 102°		
Connection	External connector		

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	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
Constant light output	No
Spare parts available	Yes
Number of products on MCB of 16 A type B	8
Lifecycle services	Maintenance services
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Product recyclability	95%
EU RoHS compliant	Yes
WEEE mark	WEEE mark
Light source engine type	LED
Accessory PFC	N/A
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Product family code	BVP130 [CORELINE TEMPO LARGE]

Light technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Driver current	780 mA
Power Factor (Max)	0.9
Power Factor (Min)	0.99
Power Factor (Nom)	0.9

Controls and dimming

Dimmable	No
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Mechanical and housing

Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

Overall length	340.5 mm
Overall width	422 mm
Overall height	40 mm
Effective projected area	0.15 m ²
Color	Gray
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 until 6 kV differential mode and 8 kV common mode
Sustainability rating	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	16000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.382, 0.379) SDCM <5
Initial input power	126 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over time performance (IEC compliant)

Control gear failure rate at median useful life 75000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

Application conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

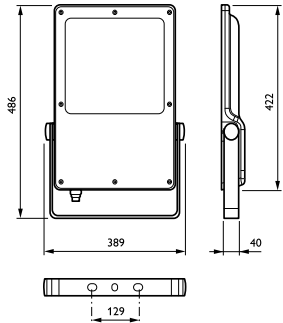
Product data

Full product code	871869909641000
Order product name	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3
EAN/UPC - Product	8718699096410
Order code	912300023662
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023662
Net Weight (Piece)	7.500 kg



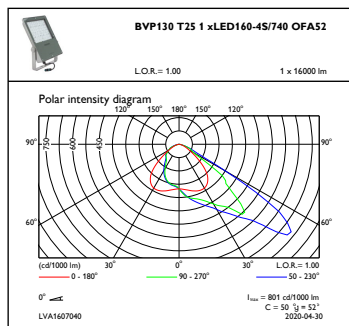
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Dimensional drawing

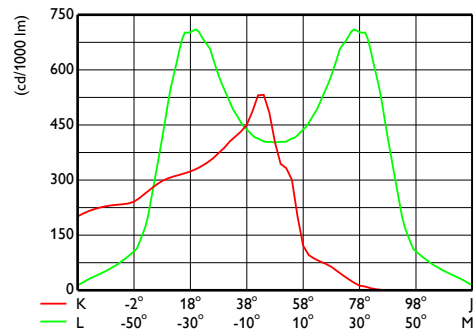


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Photometric data



OFPC1_BVP130T251xLED160-4S740OFA52



OFCS1_BVP130T251xLED160-4S740OFA52

