



Coreline tempo large

BVP130 LED160-4S/740 OFA52

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

CoreLine tempo large is a highly efficient range of floodlights designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. A limited range of options makes it easy to find the best lux-for-lux replacement. The easy-to-install CoreLine tempo large offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

Product data

General Information			
Number of light sources	60 pcs	Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole
Lamp family code	LED160-4S [LED module, system flux 16000 lm]	Protection class IEC	Safety class I
Lamp version	4S [4th generation, screw fixation]	Flammability mark	For mounting on normally flammable surfaces
Light source color	740 neutral white	CE mark	CE mark
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	UL mark	-
Driver/power unit/transformer	Power supply unit	Warranty period	5 years
Driver included	Yes	Optic type outdoor	Optiflux asymmetrical axis angle 52°
Optical element	-	RAL color	Gray aluminum (9007)
Optical cover/lens type	Flat glass	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
Luminaire light beam spread	52° x 102°		
Connection	External connector		

Coreline tempo large

	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 EN62471
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
----------	----

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 m²
Color	Gray
Dimensions (Height x Width x Depth)	40 x 422 x 341 mm (1.6 x 16.6 x 13.4 in)

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

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%

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

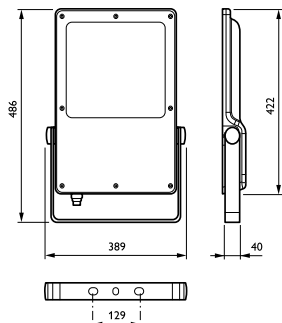
Product Data

Full product code	871869909641000
Order product name	BVP130 LED160-4S/740 OFA52
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



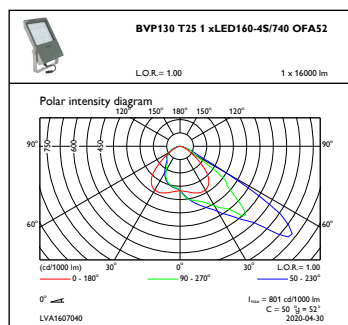
Coreline tempo large

Dimensional drawing

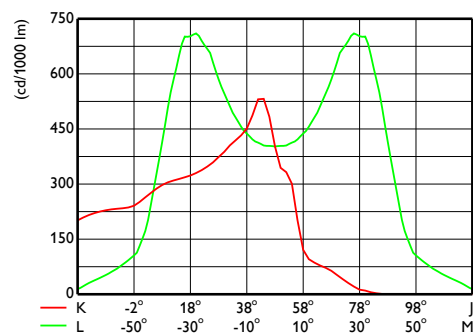


CoreLine Tempo BVP110/120/125/130/140

Photometric data



OFPC1_BVP130T251xLED160-4S740OFA52



OFC51_BVP130T251xLED160-4S7400FA52

