



Coreline tempo large

BVP130 LED160-4S/740 S

BVP130 - LED module 16,000 lm - 4th generation, screw fixation - 740 neutral white - Symmetrical

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		Flammability mark	For mounting on normally flammable surfaces
Number of light sources	60 pcs	CE mark	CE mark
Lamp family code	LED module 16,000 lm	ENEC mark	ENEC mark
Lamp version	4S [4th generation, screw fixation]	UL mark	-
Light source color	740 neutral white	Warranty period	3 years
Light source replaceable	Yes	Optic type outdoor	Symmetrical
Number of gear units	1 unit	RAL color	Gray aluminum (9007)
Driver/power unit/transformer	Power supply unit	Constant light output	No
Driver included	Yes	Spare parts available	Yes
Optical cover/lens type	Flat glass	Number of products on MCB of 16 A type B	1
Luminaire light beam spread	25° x 69°	Lifecycle services	Maintenance services
Connection	External connector	Photobiological risk	Risk group 1
Cable	Cable 0.2 m with cable connector	Product recyclability	95%
Protection class IEC	Safety class I	RoHS mark	RoHS mark
Color	Gray	WEEE mark	WEEE mark

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Light source engine type	LED
Accessory PFC	N/A
Product family code	BVP130

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)	0.9
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	486 mm
Overall width	389 mm
Overall height	40 mm
Effective projected area	0.15 m ²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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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	16000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.382, 0.379) SDCM<3
Initial input power	120 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Abrupt failure value at L80B10	1.4 %
Useful life L80B10	70000 h
Lumen maintenance at useful life of 100,000 h, at 25 °C	92

Application Conditions

Ambient temperature range	-40 to +35 °C
Average ambient temperature	25 °C

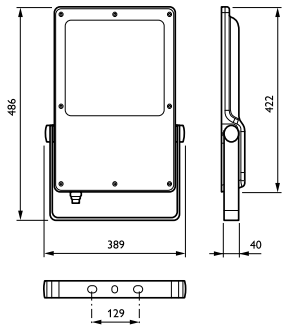
Product Data

Full product code	871869909644100
Order product name	BVP130 LED160-4S/740 S
EAN/UPC - Product	8718699096441
Order code	912300023665
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023665
Net Weight (Piece)	7.500 kg



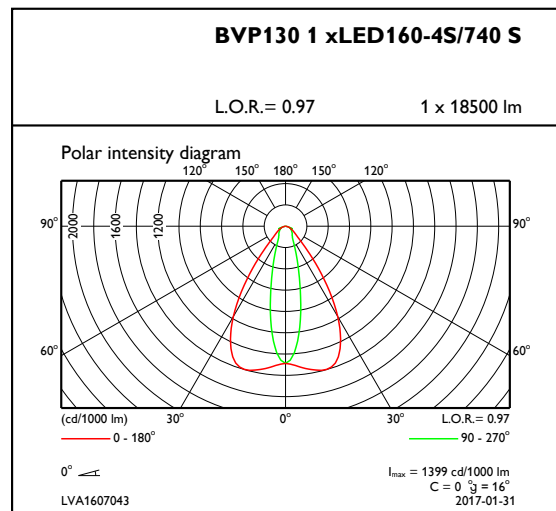
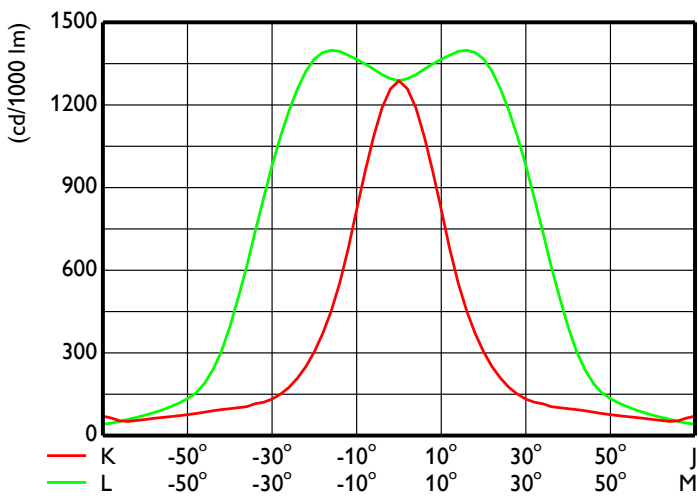
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Dimensional drawing



CoreLine Tempo BVP110/120/130

Photometric data



OFCS1_BVP1301xLED160740S

OFPC1_BVP1301xLED160740S

