



Coreline tempo large

BVP130 LED160-4S/740 A

CORELINE TEMPO LARGE - LED module 16,000 lm - 4th generation, screw fixation - 740 neutral white - Asymmetrical

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.

Product data

General Information		UL mark	No
Number of light sources	60 [60 pcs]	Warranty period	3 years
Lamp family code	LED module 16,000 lm	Outdoor optic type	Asymmetrical
Lamp version	4S [4th generation, screw fixation]	RAL colour	Gray aluminum (9007)
Light source colour	740 neutral white	Constant light output	No
Light source replaceable	Yes	Spare parts available	Yes
Number of gear units	1 unit	Number of products on MCB	1
Driver/power unit/transformer	PSU [Power supply unit]	Lifecycle services	Maintenance services
Driver included	Yes	Photobiological risk	Risk group 1
Optical cover/lens type	FG [Flat glass]	Product recyclability	95%
Luminaire light beam spread	52° x 102°	RoHS mark	RoHS mark
Connection	CE [External connector]	WEEE mark	WEEE mark
Protection class IEC	Safety class I (I)	LED engine type	LED
Flammability mark	F [For mounting on normally flammable surfaces]	Accessory PFC	N/A
CE mark	CE mark	Product Family Code	BVP130 [CORELINE TEMPO LARGE]
ENEC mark	ENEC mark		

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Light Technical

Upward light output ratio	0
Standard tilt angle post-top	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	MBA [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]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	16000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. colour temperature	4000 K
Init. colour 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 5,000 hours	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

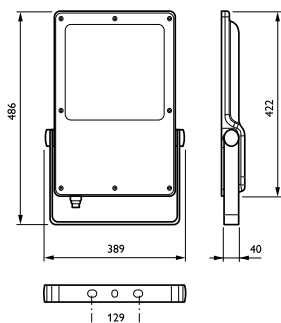
Ambient temperature range	-40 to +35 °C
Average ambient temperature	25 °C

Product Data

Full product code	871869909641000
Order product name	BVP130 LED160-4S/740 A
EAN/UPC – product	8718699096410
Order code	09641000
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023662
Net weight (piece)	7.500 kg



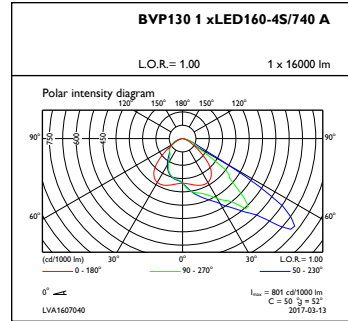
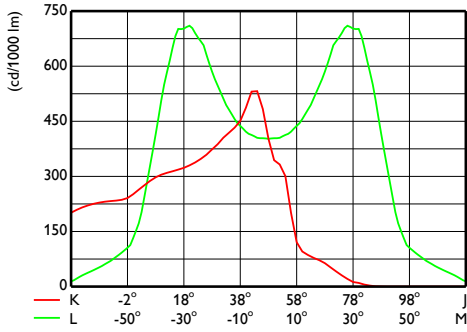
Dimensional drawing



CoreLine Tempo BVP110/120/130

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Photometric data



OFCS1_BVP1301xLED160740A

OFPC1_BVP1301xLED160740A

