



# Coreline tempo large

## BVP130 LED120-4S/740 A

CORELINE TEMPO LARGE - LED module 12,000 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. U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

### Product data

General Information			
Number of light sources	40 pcs	CE mark	CE mark
Lamp family code	LED120 [ LED module 12,000 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	Asymmetrical
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	52° x 102°	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
Flammability mark	For mounting on normally flammable surfaces	WEEE mark	WEEE mark
		Light source engine type	LED
		Accessory PFC	N/A

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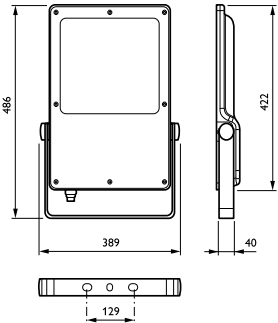
Product family code	BVP130 [ CORELINE TEMPO LARGE]
<b>Light Technical</b>	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Driver current	1000 mA
Power Factor (Min)	0.9
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
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	483 mm
Overall width	365 mm
Overall height	40 mm
Effective projected area	0.15 m²
<b>Approval and Application</b>	
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

<b>Initial Performance (IEC Compliant)</b>	
Initial luminous flux	12000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	129 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.382, 0.379) SDCM <3
Initial input power	93 W
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	0.5 %
Abrupt failure value at L80B10	3.4 %
Useful life L80B10	70000 h
Lumen maintenance at useful life of 100,000 h, at 25 °C	
<b>Application Conditions</b>	
Ambient temperature range	-40 to +35 °C
Average ambient temperature	25 °C
<b>Product Data</b>	
Full product code	871869909723300
Order product name	BVP130 LED120-4S/740 A
EAN/UPC - Product	8718699097233
Order code	912300023680
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023680
Net Weight (Piece)	7.500 kg



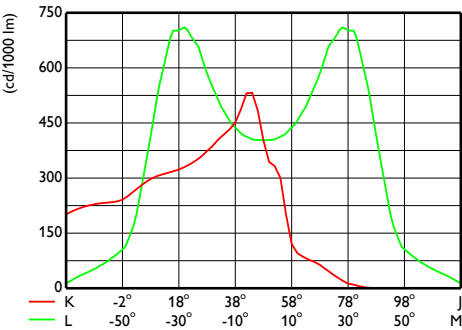
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Dimensional drawing

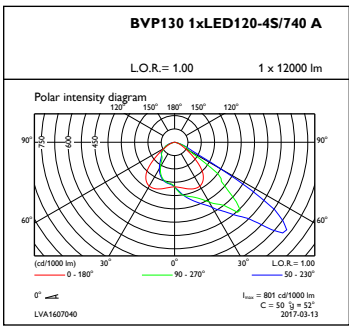


CoreLine Tempo BVP110/120/130

Photometric data



OFCS1\_BVP130xLED120-4S740A



OFPC1\_BVP130xLED120-4S740A

