



# Coreline tempo large

## BVP130 LED160-4S/740 S

CORELINE TEMPO LARGE - LED module, system flux 16000 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			
Number of light sources	60 [ 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	F [ For mounting on normally flammable surfaces]
Light source colour	740 neutral white	CE mark	CE mark
Light source replaceable	Yes	ENEC mark	ENEC mark
Number of gear units	1 unit	UL mark	No
Driver/power unit/transformer	PSU [ Power supply unit]	Warranty period	5 years
Driver included	Yes	Optic type outdoor	Symmetrical
Optical element	No [ -]	RAL colour	Gray aluminum (9007)
Optical cover/lens type	FG [ 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
Luminaire light beam spread	70° x 21°		
Connection	External connector		

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	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 (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
LED 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 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.)	0.99
Power factor (nom.)	0.9

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	MBA [ 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 <sup>2</sup>
Colour	Grey
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 up to 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	130 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour 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 75,000 h	7.5 %
Lumen maintenance at median useful life* 75,000 h	L80

### Application Conditions

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

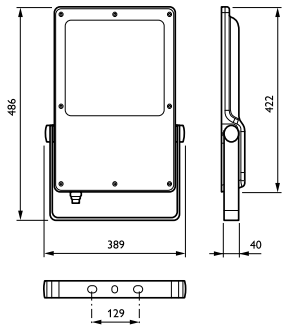
### Product Data

Full product code	871869909644100
Order product name	BVP130 LED160-4S/740 S
EAN/UPC – product	8718699096441
Order code	09644100
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	912300023665
SAP net weight (piece)	7.500 kg



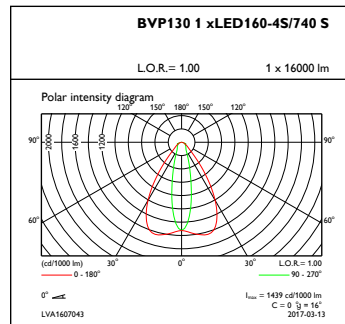
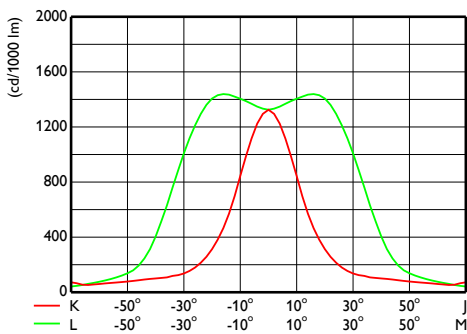
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## Dimensional drawing



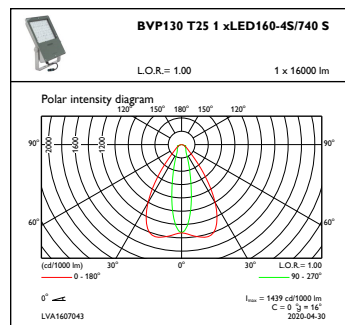
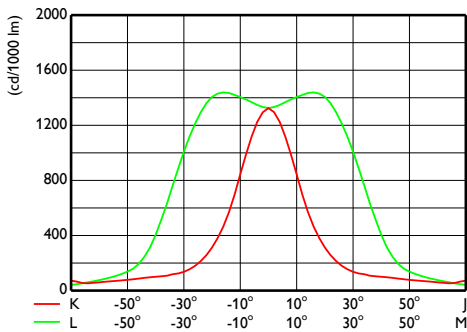
CoreLine Tempo BVP110/120/125/130/140

## Photometric data



OFCS1\_BVP1301xLED160-4S740S

OFPC1\_BVP1301xLED160-4S740S



OFCS1\_BVP130T251xLED160-4S740S

OFPC1\_BVP130T251xLED160-4S740S

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