



# Coreline tempo large

## BVP130 LED210-4S/740 A

CORELINE TEMPO LARGE - LED module 21000 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		CE mark	CE mark
Number of light sources	80 pcs	ENEC mark	ENEC mark
Lamp family code	LED210 [ LED module 21000 lm]	UL mark	-
Lamp version	4S [ 4th generation, screw fixation]	Warranty period	5 years
Light source color	740 neutral white	Optic type outdoor	Asymmetrical
Light source replaceable	Yes	RAL color	Gray aluminum (9007)
Number of gear units	1 unit	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 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
Driver/power unit/transformer	Power supply unit	Constant light output	No
Driver included	Yes		
Optical cover/lens type	Flat glass		
Luminaire light beam spread	52° x 102°		
Connection	External connector		
Cable	Cable 0.2 m with cable connector		
Protection class IEC	Safety class I		
Flammability mark	For mounting on normally flammable surfaces		

# Coreline tempo large

Spare parts available	Yes
Number of products on MCB of 16 A type B	1
Lifecycle services	Maintenance services
Photobiological risk	Risk group 1
Product recyclability	95%
RoHS mark	RoHS mark
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	58 A
Inrush time	0.34 ms
Driver current	700 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	340.5 mm
Overall width	422 mm

Overall height	40 mm
Effective projected area	0.15 m <sup>2</sup>
Color	Gray

## 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)	21000 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 <3
Initial input power	162 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

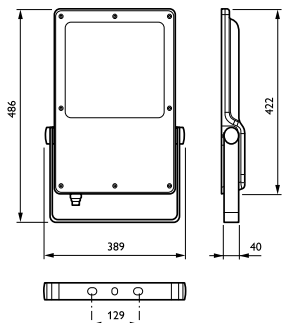
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

## Product Data

Full product code	871869909640300
Order product name	BVP130 LED210-4S/740 A
EAN/UPC - Product	8718699096403
Order code	912300023661
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023661
Net Weight (Piece)	7.500 kg

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### Dimensional drawing



CoreLine Tempo BVP110/120/125/130/140

