



Coreline tempo large

BVP130 LED216-4S/830 PSU OFA52ALU

CORELINE TEMPO LARGE - LED module 27000 lm - 4th generation, screw fixation - 830 warm white - Optiflux asymmetrical axis angle 52°

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	80 pcs	CE mark	CE mark
Lamp family code	LED216 [LED module 27000 lm]	ENEC mark	ENEC mark
Lamp version	4S [4th generation, screw fixation]	UL mark	-
Light source color	830 warm white	Warranty period	5 years
Light source replaceable	Yes	Optic type outdoor	Optiflux asymmetrical axis angle 52°
Number of gear units	1 unit	RAL color	Gray aluminum (9007)
Driver/power unit/transformer	Power supply 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
Driver included	Yes		
Optical cover/lens type	Flat glass		
Luminaire light beam spread	52° x 102°		
Connection	External connector		
Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole		
Protection class IEC	Safety class I		

Coreline tempo large

	might automatically dim down to protect components
Constant light output	No
Spare parts available	Yes
Number of products on MCB of 16 A type 8 B	
Lifecycle services	Maintenance services
Photobiological risk	Risk group 1
Product recyclability	95%
EU RoHS compliant	Yes
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 240V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Driver current	1000 mA
Power Factor (Max)	0.9
Power Factor (Min)	0.99
Power Factor (Nom)	0.9

Controls and Dimming

Dimmable	No
----------	----

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 ²
Color	Gray
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 until 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	25380 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	112 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.382, 0.379) SDCM <5
Initial input power	225 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
Lumen maintenance at median useful life* 100000 h	L82

Application Conditions

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

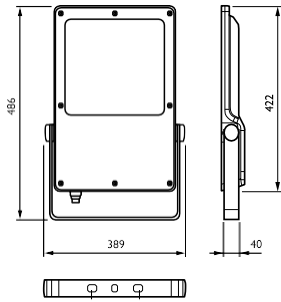
Product Data

Full product code	
Order product name	BVP130 LED216-4S/740 OFA52ALU
EAN/UPC - Product	
Order code	
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	
Net Weight (Piece)	7.500 kg



Coreline tempo large

Dimensional drawing



CoreLine Tempo BVP110/120/125/130/140

Polar intensity diagram

