Coreline tempo large

BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo large, Floodlight, 146 W, 21000 lm, 4000 K, CRI70, Asymmetrical, IP66

CoreLine tempo large delivers on the CoreLine promise of innovative, easy to use and high quality luminaires. A narrow range of options makes it easy to find the best lux-for-lux replacement for 150W, 250W, and 400W HID lamps. The CoreLine tempo large floodlighting range offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. The installation is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal solution for outdoor areas such as tempo floodlights for industrial/commercial areas, parking lots, etc.

Product data

General Information

Lamp family code	LED210-4S [LED module, system flux 21000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
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

Light source engine type	LED
Product family code	BVP130 [CORELINE TEMPO LARGE]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Serviceability class	Class C, luminaire without serviceable parts, not serviceable

Light Technical

Upward light output ratio	0

Coreline tempo large

Luminous Flux	21,000 lm		**Effective projected area**	0.15 m²
Standard tilt angle posttop	0°		**Dimensions (Height x Width x Depth)**	40 x 422 x 341 mm
Standard tilt angle side entry	0°			
Correlated Color Temperature (Nom)	4000 K			

Approval and Application

Luminous Efficacy (rated) (Nom)	144 lm/W		**Ingress protection code**	IP66 [Dust penetration–protected, jet-proof]
Color rendering index (CRI)	70		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Number of light sources	80		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Light source color	740 neutral white			
Optical cover type	Flat glass		**Sustainability rating**	–
Luminaire light beam spread	52° x 102°		**Protection class IEC**	Safety class I
Optic type outdoor	Asymmetrical		**Photobiological risk**	Photobiological risk group 1 @200mm to EN62778

Operating and Electrical

Initial Performance (IEC Compliant)

Input Voltage	220 to 240 V		**Luminous flux tolerance**	+/-7%
Line Frequency	50 to 60 Hz		**Initial chromaticity**	(0.382, 0.379) SDCM <5
Inrush current	58 A		**Power consumption tolerance**	+/-10%
Inrush time	0.34 ms		**Init. Color Rendering Index Tolerance**	+/-2
Power Consumption	146 W			
Power Factor (Fraction)	0.99			

Over Time Performance (IEC Compliant)

Connection	External connector		**Control gear failure rate at median useful life 75000 h**	10 %
Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole		**Control gear failure rate at median useful life 100000 h**	10 %
Number of products on MCB of 16 A type B	7		**Lumen maintenance at median useful life* 75000 h**	L80

Temperature

Ambient temperature range	–40 to +45 °C		**Lumen maintenance at median useful life* 100000 h**	L80

Controls and Dimming

Application Conditions

Dimmable	No		**Performance ambient temperature Tq**	25 °C
Driver/power unit/transformer	Power supply unit (On/Off)			
Constant light output	No			

Product Data

Mechanical and Housing

Housing Material	Aluminum die cast		**Order product name**	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3
Reflector material	–			
Optic material	Polycarbonate		**Full product name**	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3
Optical cover material	Glass			
Fixation material	Aluminum		**Full product code**	871869909640300
Housing Color	Gray		**Order code**	912300023661
Mounting device	Mounting bracket adjustable		**Material Nr. (12NC)**	912300023661
Optical cover shape	Flat		**Numerator – Quantity Per Pack**	1
Optical cover finish	Clear		**EAN/UPC – Product/Case**	8718699096403
Overall length	340.5 mm		**Numerator – Packs per outer box**	1
Overall width	422 mm		**EAN/UPC – Case**	8718699096403
Overall height	40 mm			

Coreline tempo large

Dimensional drawing

www.lighting.philips.com

2024, March 21 – data subject to change