



Coreline tempo large

BVP130 LED160-4S/730 A

Coreline tempo large, Floodlight, 114 W, 16000 lm, 3000 K, CRI70, Asymmetrical, IP66

Floodlight, Aluminium, Grey, Power supply unit (On/Off), 16000 lm, 114 W, 142 lm/W, 3000 K, (0.434, 0.403) SDCM <5, CRI70, Asymmetrical, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class I, Surge protection level until 6 kV differential mode and 8 kV common mode, Cable 1.0 m with plug Wieland/Adels compatible 3-pole, External connector

Product data

General Information	
Lamp family code	LED160 [LED module 16000 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Light source engine type	LED
Service Tag	Yes
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years

Light Technical	
Upwards light output ratio	0
Luminous Flux	16,000 lm
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	142 lm/W
Colour rendering index (CRI)	70
Light source colour	730 warm white

Luminaire light beam spread	52° x 102°
Optic type outdoor	Asymmetrical
Effective projected area	0.15 m ²

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	114 W
Power Factor (Fraction)	0.99
Connection	External connector
Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole
Number of products on MCB (16 A type B)	8
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

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Total harmonic distortion	8.5 %
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Wall-mounting bracket
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	340.5 mm
Overall width	422 mm
Overall height	67.4 mm
Dimensions (height x width x depth)	67 x 422 x 341 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	7.500 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
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Initial chromaticity	(0.434, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Colour Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	10 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L90

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	75 kg CO _{2e}
Product non-virgin material ratio	5.11 %
Recyclable the content ratio of the finished product	40.9 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kwh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kwh)

Product Data

Order product name	BVP130 LED160-4S/730 A
Full product name	BVP130 LED160-4S/730 A
Full EOC	871869990520000
Order code	912300057770
Material no. (12 NC)	912300057770
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699905200
Numerator – packs per outer box	1
EAN/UPC - Case	8718699905200
Product family code	BVP130 [CORELINE TEMPO LARGE]

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Dimensional drawing

