



Coreline tempo small

BVP110 LED42/NW A

Coreline tempo small, 4200 lm, 38 W, Neutral white, Asymmetrical, 39° x 96°, Safety class I, Mounting bracket adjustable

CoreLine tempo small is a highly efficient range of luminaires designed for 1:1 retrofit replacement of conventional floodlighting technology, while retaining the same electrical installation and poles. This urban lighting range is designed for the direct replacement of 70-W HID lamps, but uses less energy and requires less investment than conventional installations. A narrow range of options makes it easy to find the best lux-for-lux replacement for your project lighting.

Product data

General Information			
Lamp family code	LED42 [LED module 4200 lm]	CE mark	CE mark
Light source replaceable	No	Warranty period	5 years
Number of gear units	Unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	-
Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	Glow-wire test	Temperature 650 °C, duration 30 s
		EU RoHS compliant	Yes
Light Technical			
Light source engine type	LED	Upwards light output ratio	88
Lighting Technology	LED	Luminous Flux	4,200 lm
Value ladder	Performance	Standard tilt angle post-top	0°
		Standard tilt angle side entry	0°
		Correlated Colour Temperature	4000 K
		Luminous efficacy (rated) (nom.)	111 lm/W
		Colour rendering index (CRI)	80

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Number of light sources	40
Light source colour	Neutral white
Optical cover type	Flat glass
Luminaire light beam spread	39° x 96°
Optic type outdoor	Asymmetrical

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	0.06 ms
Power Consumption	38 W
Power Factor (Fraction)	0.98
Connection	External connector
Cable	Cable 0.5 m with cable connector
Number of products on MCB of 16 A type B	95

Temperature

Ambient temperature range	-40 to +35 °C
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Controls and Dimming

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

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	Acrylate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Aluminium and grey
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	285 mm
Overall width	254 mm

Overall height	52 mm
Effective projected area	0.052 m²
Dimensions (height x width x depth)	52 x 254 x 285 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.374, 0.369) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BVP110 LED42/NW A
Full product name	BVP110 LED42/NW A
Full EOC	871016330635300
Order code	30635300
Material no. (12 NC)	911401555231
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163306353
Numerator – packs per outer box	1
EAN/UPC - Case	8710163306353

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Dimensional drawing

