



# Coreline tempo X-Large

## BVP140 LED420-4S 36K1/740 PSD S D9

Coreline tempo X-Large, Floodlight, 250 W, 36000 lm, 4000 K, CRI70, DALI, Symmetrical, IP66

CoreLine tempo X-Large delivers on the CoreLine promise of innovative, easy to use and high-quality floodlighting. The CoreLine tempo X-Large offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. A direct replacement for 250-W, 400-W HID and SON-T lamps, thanks to a narrow range of options, it's easy to find the best lux-for-lux replacement. The installation is also made easy due to a U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal solution for outdoor LED flood lighting for industrial/commercial areas, car parks etc.

### Product data

General Information		Warranty period	
Lamp family code	LED420 [LED module 42000 lm]	Warranty period	5 years
Light source replaceable	Yes	Flammability mark	For mounting on easily flammable surfaces
Number of gear units	2 units	ENEC mark	ENEC plus mark
Driver included	Yes	EU RoHS compliant	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Light source engine type	LED	Light Technical	
Product family code	BVP140 [CORELINE TEMPO X-LARGE]	Upwards light output ratio	0
Lighting Technology	LED	Luminous Flux	36,000 lm
Value ladder	Performance	Standard tilt angle post-top	0°
CE mark	Yes	Standard tilt angle side entry	0°
		Correlated Colour Temperature	4000 K

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Luminous efficacy (rated) (nom.)	144 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	73° x 26°
Optic type outdoor	Symmetrical

## 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	250 W
Power Factor (Fraction)	0.99
Connection	Connection unit 5-pole
Cable	Cable 1.0 m with plug Wieland/Adels compatible 5-pole

Number of products on MCB of 16 A type B 4

## Temperature

Ambient temperature range	-40 to +45 °C
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## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

## Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Housing Colour	Aluminium
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	540 mm
Overall width	560 mm
Overall height	70 mm
Effective projected area	0.26 m <sup>2</sup>

Dimensions (height x width x depth)	70 x 560 x 540 mm
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## 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 up to 6 kV differential mode and 8 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

## 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 at median useful life* 75000 h	L80
Lumen maintenance at median useful life* 100,000 h	L80

## Application Conditions

Performance ambient temperature Tq	25 °C
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## Product Data

Order product name	BVP140 LED420-4S 36K1/740 PSD S D9
Full product name	BVP140 LED420-4S 36K1/740 PSD S D9
Full EOC	871869987291500
Order code	87291500
Material no. (12 NC)	912300024347
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699872915
Numerator – packs per outer box	1
EAN/UPC - Case	8718699872915

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## Dimensional drawing

