**PHILIPS** Lighting



# Coreline tempo X-Large

## BVP140 LED420-4S 36K1/740 PSU S

Coreline tempo X-Large, Floodlight, 250 W, 36000 lm, 4000 K, CRI70, 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 250W, 400W HID and SON-T lamps, thanks to a narrow range of options, it's easy to find the best luxfor-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, parking lots, etc.

#### **Product data**

General Information	
Lamp family code	LED420 [LED module 42000 lm]
Light source replaceable	Yes
Number of gear units	2 units
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	BVP140 [CORELINE TEMPO X-LARGE]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes

Warranty period	5 years
Flammability mark	For mounting on easily flammable surfaces
ENEC mark	ENEC plus mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	36,000 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	>70

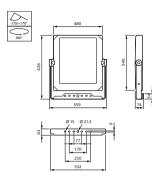
## Coreline tempo X-Large

Light source color	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 3-pole
Cable	Cable 1.0 m with plug Wieland/Adels
	compatible 3-pole
Number of products on MCB of 16 A type B	4
Temperature	
Ambient temperature range	-40 to +45 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	
	Acrylate
Optical cover material	Acrylate Glass
Optical cover material Fixation material	
	Glass
Fixation material	Glass Steel
Fixation material Housing Color	Glass Steel Aluminum
Fixation material Housing Color Mounting device	Glass Steel Aluminum Mounting bracket adjustable
Fixation material Housing Color Mounting device Optical cover shape	Glass Steel Aluminum Mounting bracket adjustable Flat
Fixation material Housing Color Mounting device Optical cover shape Optical cover finish	Glass Steel Aluminum Mounting bracket adjustable Flat Clear
Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Overall length	Glass Steel Aluminum Mounting bracket adjustable Flat Clear 540 mm
Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Overall length Overall width	Glass Steel Aluminum Mounting bracket adjustable Flat Clear 540 mm 560 mm

Ingress protection code	IP66 [Dust penetration-protected, jet-
Mech. impact protection code	proof] IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 k
Sustainability rating	differential mode and 8 kV common mode
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 Complia	nt)
Control gear failure rate at median useful	10 %
life 75000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L80
75000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	25.05
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BVP140 LED420-4S 36K1/740 PSU S
Full product name	BVP140 LED420-4S 36K1/740 PSU S
Full product code	871869987283000
Order code	912300024339
Material Nr. (12NC)	912300024339
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699872830
Numerator - Packs per outer box	1

### Coreline tempo X-Large

#### Dimensional drawing





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