



Coreline tempo X-Large

BVP140 LED450-4S 38K7/730 PSU S

Coreline tempo X-Large, Floodlight, 295 W, 38500 lm, 3000 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 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, parking lots, etc.

Product data

General Information	
Lamp family code	LED450 [LED module 45000 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

5 years
For mounting on easily flammable surfaces
ENEC plus mark
Yes
0
38,500 lm
O°
O°
3000 K
131 lm/W
>70

Datasheet, 2023, October 27 data subject to change

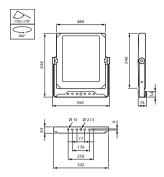
Coreline tempo X-Large

Light source color	730 warm white
Light source color	
Optical cover type	Flat glass
Luminaire light beam spread	73° x 26°
Optic type outdoor	Symmetrical
Operating and Electrical	
Operating and Electrical	220 to 240 V
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	295 W
Power Factor (Fraction)	0.99
Connection	Connection unit 3-pole
Capie	Cable 1.0 m with plug Wieland/Adels
Number of products on MCP of 1C A time P	compatible 3-pole
Number of products on MCB of 16 A type B	4
Temperature	
Ambient temperature range	-40 to +45 °C
Ambient temperature range	-40 (0 +43 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	Glass
Fixation material	Steel
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	540 mm
Overall width	560 mm
Overall height	70 mm
Effective projected area	0.26 m²

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 until 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	(0.434, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	int)
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	
Performance ambient temperature Tq	25 °C
Product Data	
Order product name	BVP140 LED450-4S 38K7/730 PSU S
Full product name	BVP140 LED450-4S 38K7/730 PSU S
Full product code	871869990528600
Order code	912300057777
Material Nr. (12NC)	912300057777
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699905286
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699905286

Coreline tempo X-Large

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.