

Coreline tempo X-Large

BVP140 LED480-4S 41K3/740 PSU S

CORELINE TEMPO X-LARGE - LED module 48000 lm - 740 neutral white - Symmetrical

Coreline tempo X-Large delivers on the Coreline promise of innovative, easy to use and high quality luminaires;Designed to be a plug-and-play 1:1 retrofit of conventional floodlights with short payback time, its extensive options open a lot more opportunities to optimize performance and savings in many different applications, such as recreational sports facilities, industrial/commercial areas, parking lots, etc.;This floodlight is equipped with the QR code-based Philips Service tag, which supports installation and maintenance work and enables you to create your digital library of lighting assets and spare parts.;As an option, Coreline tempo X-Large is also ready to be connected to lighting asset management systems such as Interact City and Interact Sports recreational

Product data

General Information	
Lamp family code	LED480 [LED module 48000 lm]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	2 units
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Flat glass
Luminaire light beam spread	73° x 26°
Control interface	-
Connection	Connection unit 3-pole

Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole
Protection class IEC	Safety class I
Flammability mark	For mounting on easily flammable surfaces
CE mark	CE mark
ENEC mark	ENEC plus mark
Warranty period	5 years
Optic type outdoor	Symmetrical
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components

Coreline tempo X-Large

Constant light output	No
Number of products on MCB of 16 A type B	4
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Product family code	BVP140 [CORELINE TEMPO X-LARGE]

Light Technical

Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Factor (Min)	0.99

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
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 m²
Color	Gray
Dimensions (Height x Width x Depth)	70 x 560 x 540 mm (2.8 x 22 x 21.3 in)

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)	-

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	41280 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	295 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

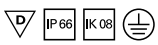
Control gear failure rate at median useful life 75000 h	7.6 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 75000 h	L90
Lumen maintenance at median useful life* 100000 h	L89

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

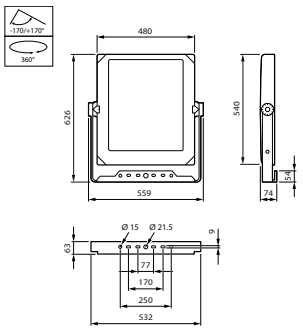
Product Data

Full product code	871869987282300
Order product name	BVP140 LED480-4S 41K3/740 PSU S
EAN/UPC - Product	8718699872823
Order code	912300024338
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300024338
Net Weight (Piece)	17.010 kg



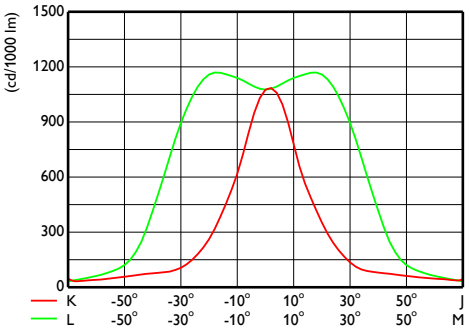
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Dimensional drawing

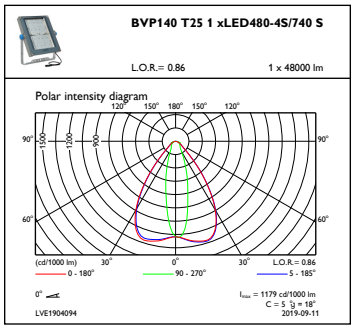


CoreLine Tempo BVP110/120/125/130/140

Photometric data



OFCS1_BVP140T251xLED480-4S740S



OFPC1_BVP140T251xLED480-4S740S

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