



Coreline tempo medium

BVP125 LED120-4S/740 OFA52

Coreline tempo medium - LED module, system flux 12000 lm - 740 neutral white - Optiflux asymmetrical axis angle 52°

CoreLine tempo medium is a highly efficient range of floodlights designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. A limited range of options makes it easy to find the best lux-for-lux replacement. The easy-to-install CoreLine tempo medium offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. It includes a U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

Product data

General Information		Protection class IEC	Safety class I
Lamp family code	LED120-4S [LED module, system flux 12000 lm]	Flammability mark	F [For mounting on normally flammable surfaces]
Light source colour	740 neutral white	CE mark	CE mark
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	PSU [Power supply unit]	Optic type outdoor	Optiflux asymmetrical axis angle 52°
Driver included	Yes	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. * At extreme
Optical element	No [-]		
Optical cover/lens type	FG [Flat glass]		
Luminaire light beam spread	9° - 41° x 102°		
Connection	External connector		
Cable	Cable 1.0 m with plug Wieland/Adels compatible 3-pole		

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	ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	8
EU RoHS compliant	Yes
LED engine type	LED
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Product family code	BVP125 [Coreline tempo medium]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	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
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Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	MBW [Wall-mounting bracket]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	340.5 mm
Overall width	265 mm
Overall height	67.4 mm
Effective projected area	0.09 m ²
Colour	Grey

Dimensions (height x width x depth)	67 x 265 x 341 mm (2.7 x 10.4 x 13.4 in)
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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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	12000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	126 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	70
Initial chromaticity	(0.382, 0.379) SDCM <5
Initial input power	98 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75,000 h	7.5 %
Lumen maintenance at median useful life* 75,000 h	L80

Application Conditions

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

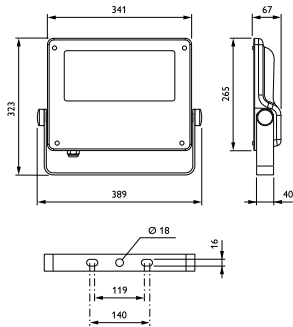
Product Data

Full product code	871869945587300
Order product name	BVP125 LED120-4S/740 OFA52
EAN/UPC – product	8718699455873
Order code	45587300
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	912300024001
Net Weight (Piece)	5.000 kg



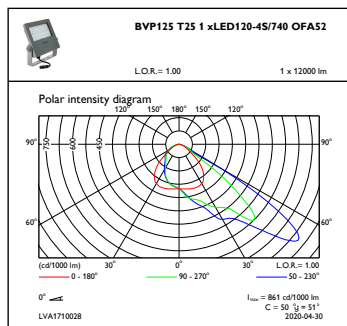
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Dimensional drawing

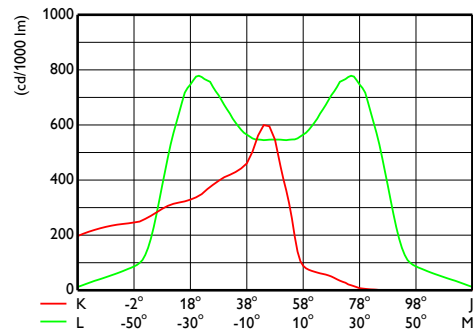


CoreLine Tempo BVP110/120/125/130/140

Photometric data



OFPC1_BVP125T251xLED120-4S740OFA52



OFCS1_BVP125T251xLED120-4S740OFA52

