



Coreline tempo small

BVP110 LED42/NW S

Coreline tempo small - 4200 lm - 38 W - 4000 K

CoreLine tempo small is a highly efficient range of luminaires designed for 1:1 retrofit replacement of conventional technology, while retaining the same electrical installation and poles. It offers lower power consumption and requires less investment than conventional installations. A limited range of options makes it easy to find the best lux-for-lux replacement. The easy-to-install CoreLine tempo small offers a system flux that covers many different application areas and it comes with both high-performance asymmetrical and symmetrical optics.

Product data

General Information	
Number of light sources	40 [40 pcs]
Lamp family code	LED42 [LED module 4200 lm]
Light source colour	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	92° x 91°
Control interface	-
Connection	External connector
Cable	Cable 0.5 m with cable connector
Protection class IEC	Safety class I
Standard RAL colour	Gray aluminum
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	F [For mounting on normally flammable surfaces]

CE mark	CE mark
ENEC mark	-
UL mark	No
Warranty period	5 years
Optic type outdoor	Symmetrical
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.
Constant light output	No
Spare parts available	Yes
Number of products on MCB (16 A type B)	95
Lifecycle services	Support services

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Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
WEEE mark	-
Light source engine type	LED

Light Technical

Luminous flux during dimming	4200 lm
Upward light output ratio	88
Initial luminous flux at 25 °C	4200 lm
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	5 A
Inrush time	0.06 ms
Driver current	700 mA
Power factor (min.)	0,98
Power factor (nom.)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium die-cast
Reflector material	Acrylate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	285 mm
Overall width	254 mm
Overall height	52 mm
Effective projected area	0.052 m ²
Colour	Aluminium and Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge protection (common/differential)	Surge protection level until 10 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	111 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	80
Initial chromaticity	(0.374, 0.369) SDCM <5
Initial input power	38 W
Power consumption tolerance	+/-10%

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 +35 °C
Performance ambient temperature Tq	25 °C

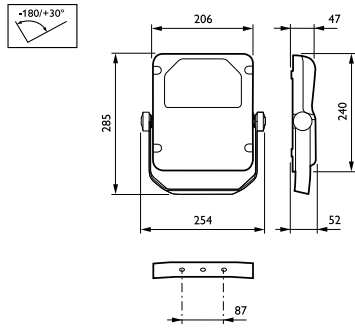
Product Data

Full product code	871016330636000
Order product name	BVP110 LED42/NW S
EAN/UPC – product	8710163306360
Order code	30636000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401555331
SAP net weight (piece)	2.500 kg



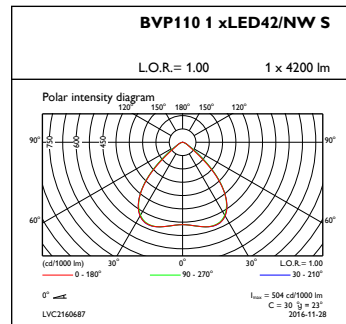
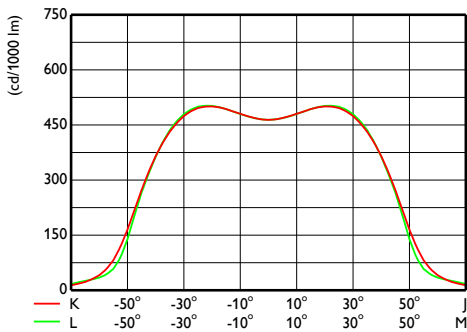
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Dimensional drawing



CoreLine Tempo BVP110/120

Photometric data



OFCS1_BVP1101xLED42NWS

OFPC1_BVP1101xLED42NWS

