Coreline tempo small

BVP110 LED42/NW S

LED module 4200 lm - Neutral white - Symmetrical

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 pcs
Lamp family code	LED42 [LED module 4200 lm]
Light source color	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Flat glass
Luminaire light beam spread	92° x 91°
Connection	External connector
Cable	Cable 0.5 m with cable connector
Protection class IEC	Safety class I
Color	Aluminum and gray
Standard RAL color	Gray aluminum
Glow-wire test	Temperature 650 °C, duration 30 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
UL mark	-
Warranty period	3 years
Optic type outdoor	Symmetrical
Constant light output	No
Spare parts available	Yes
Number of products on MCB of 16 A type B	95
Lifecycle services	Support services
Photobiological risk	Risk group 1
RoHS mark	RoHS mark
WEEE mark	-
Light source engine type	LED

Coreline tempo small
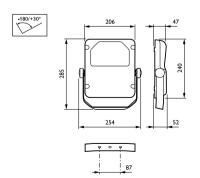
Light Technical

Luminous flux at dimming	4200 lm
Upward light output ratio	88
Initial luminous flux at 25 °C	4200 lm
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	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

Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Acrylate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	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 m²

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)	Luminaire surge protection level until 10 kV differential mode and 10kV common mode

Initial Performance (IEC Compliant)

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

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.11 %
Useful life L80B10	50000 h
Lumen maintenance at useful life of 100,000 h, at 25 °C	-

Application Conditions

Ambient temperature range	-40 to +35 °C
Average ambient temperature	25 °C

Product Data

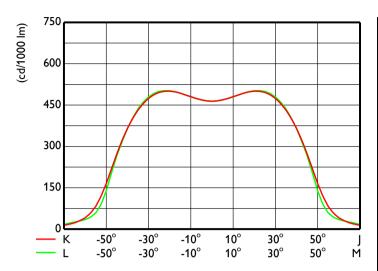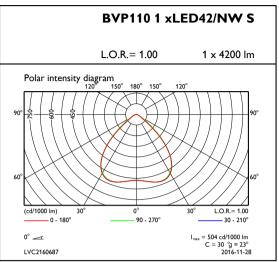|	
Full product code	871016330636000
Order product name	BVP110 LED42/NW S
EAN/UPC - Product	8710163306360
Order code	911401555331
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401555331
Net Weight (Piece)	2.500 kg

Dimensional drawing

CoreLine Tempo BVP110/120/130

Coreline tempo small

Photometric data

OFCS1_BVP1101xLED42NWS

BVP110 1 xLED42/NW S

L.O.R.= 1.00   1 x 4200 lm

Polar intensity diagram

— 0 - 180°	— 90 - 270°
— 30 - 210°	

0° ⊿

I_{max} = 504 cd/1000 lm
C = 30 ⁹ϑ = 23°

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