



CoreLine Tempo

BVP120 LED120/NW A

LED module 12,000 lm - 740 neutral white - Asymmetrical

CoreLine Tempo is the first outdoor solution in the CoreLine range. Designed to replace conventional installations, it offers lower power consumption and requires less investment. A limited range of options makes it easy to find the best lux-for-lux replacement.

Product data

General Information	
Number of light sources	162 [162 pcs]
Lamp family code	LED120 [LED module 12,000 lm]
Light source colour	740 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	39° x 96°
Connection	CE [External connector]
Cable	Cable 0.5 m with cable connector
Protection class IEC	Safety class I (I)
Standard RAL colour	Gray aluminum
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Outdoor optic type	Asymmetrical
Constant light output	No

Spare parts available	No
Number of products on MCB	1
RoHS mark	RoHS mark
LED engine type	LED

Light Technical	
Luminous flux during dimming	12000 lm
Upward light output ratio	0
Initial luminous flux at 15°C	12000 lm
Initial luminous flux at 25°C	12000 lm
Initial luminous flux at 35°C	12000 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
Power consumption when dimming	120 W
Inrush current	47.2 A
Inrush time	600 ms

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Driver current	700 mA
Power factor (min.)	0.9
Power factor (nom.)	0.95

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Reflector material	Acrylate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	454 mm
Overall width	410 mm
Overall height	63 mm
Effective projected area	0.13 m ²

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	13200 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	102 lm/W

Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	(0.374, 0.369) SDCM <5
Initial input power	130 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

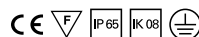
Driver failure rate at 5,000 hours	0.1 %
Abrupt failure value at L80B10	1.6 %
Useful life L80B10	50000 h
Lumen maintenance at useful life of 100,000 h, at - 25 °C	

Application Conditions

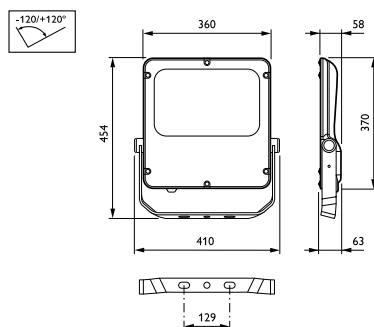
Ambient temperature range	-20 to +35 °C
Average ambient temperature	25 °C

Product Data

Full product code	871016329590900
Order product name	BVP120 LED120/NW A
EAN/UPC – product	8710163295909
Order code	29590900
Local Code	BVP120120NWA
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401649302
Net weight (piece)	6.600 kg

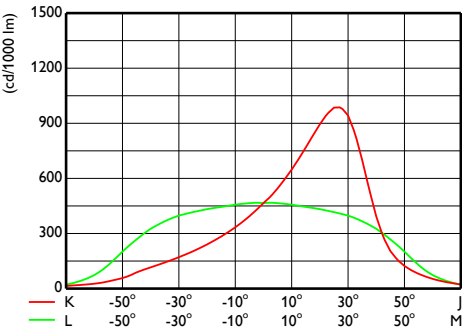


Dimensional drawing



CoreLine Tempo BVP110/120/130

Photometric data



OFCS1_BVP1201xLED120NWA

