Coreline tempo large

BVP130 LED210-4S/740 A

BVP130 - LED module 21,000 lm - 4th generation, screw fixation - 740 neutral white - Asymmetrical

CoreLine tempo large 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 large offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. U-shaped universal mounting bracket and external quick 3-poles IP68 connector.

Product data

General Information

Number of light sources	80 pcs
Lamp family code	LED210 [LED module 21,000 lm]
Lamp version	4S [4th generation, screw fixation]
Light source color	740 neutral white
Light source replaceable	Yes
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	52° x 102°
Connection	External connector
Cable	Cable 0.2 m with cable connector
Protection class IEC	Safety class I
Color	Gray

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	-
Warranty period	3 years
Optic type outdoor	Asymmetrical
RAL color	Gray aluminum (9007)
Constant light output	No
Spare parts available	Yes
Number of products on MCB of 16 A type B	1
Lifecycle services	Maintenance services
Photobiological risk	Risk group 1
Product recyclability	95%
RoHS mark	RoHS mark
WEEE mark	WEEE mark

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Light source engine type	LED		Mech. impact protection code	IK08 [5 J vandal-protected]
Accessory PFC	N/A		Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Product family code	BVP130			differential mode and 8 kV common mode

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	58 A
Inrush time	0.34 ms
Driver current	700 mA
Power Factor (Max)	0.9
Power Factor (Min)	0.9
Power Factor (Nom)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum die-cast
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
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	486 mm
Overall width	389 mm
Overall height	40 mm
Effective projected area	0.15 m²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

Initial Performance (IEC Compliant)

Initial luminous flux	21000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticy	(0.382, 0.379) SDCM<3
Initial input power	162 W
Power consumption tolerance	+/-10%

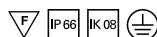## Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Abrupt failure value at L80B10	0.5 %
Useful life L80B10	70000 h
Lumen maintenance at useful life of 100,000 h, at 25 °C	90

Application Conditions

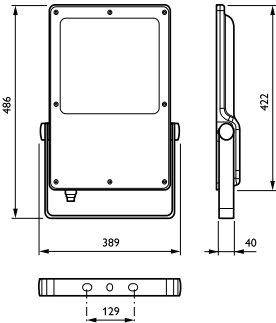|	
Ambient temperature range	-40 to +35 °C
Average ambient temperature	25 °C

Product Data

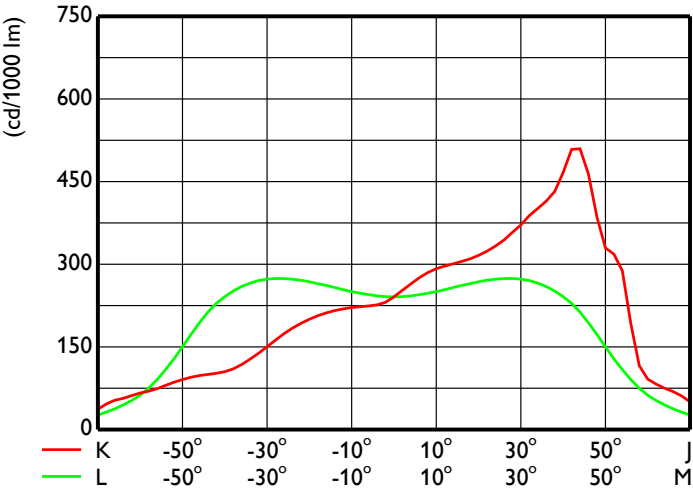|	
Full product code	871869909640300
Order product name	BVP130 LED210-4S/740 A
EAN/UPC - Product	8718699096403
Order code	912300023661
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023661
Net Weight (Piece)	7.500 kg

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Dimensional drawing

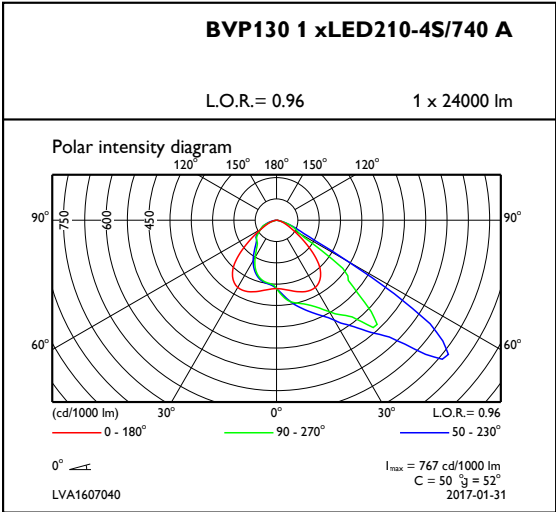CoreLine Tempo BVP110/120/130

Photometric data

OFCS1_BVP1301xLED210740A

BVP130 1 xLED210-4S/740 A

L.O.R.= 0.96   1 x 24000 lm

Polar intensity diagram

—— 0 - 180°	
—— 90 - 270°	
—— 50 - 230°	

0°

LVA1607040

I$_{max}$ = 767 cd/1000 lm
C = 50 °; γ = 52°
2017-01-31

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www.lighting.philips.com

2017, January 31 - data subject to change