![Philips Lighting logo]

Coreline tempo Small – For every project where light really matters

Coreline tempo small

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 CoreLie tempo small offers a system flux that covers many different application areas and it comes with both high-performance asymmetrical and symmetrical optics.

Benefits
- Fast payback:energy savings
- Low-maintenance thanks to the long lifetime of the luminaire
- simple to install and connect
- Robust, high-quality finish
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

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Features
· Highly efficient : up to 110 lm/W
· Designed for 1:1 retrofit replacement of conventional technology up to 70W HID
· Long lifetime of 75Khrs L80 at Tq +25 ºC
· System flux : 4200 lm
· High-performance asymmetrical and symmetrical optics
· External quick 3-pole IP68 connector
· High surge protection : 10 kV

Application
· Bilboards/advertising lighting
· Landscape features
· Security and amenity lighting
· General lighting

Specifications

Type	BVP110	**Optical element**	Metachylate optical lens
Light source	Integral LED-module	**Optical cover**	Clear glass, flat
Power	38 W (+/-10 %)	**Material**	Housing: die-cast aluminum
Luminous flux	4200 lm	**Color**	RAL9007 matt
Luminaire efficacy	110 lm/W	**Connection**	External IP68 quick connector (3 pole)
Correlated Color Temperature	4000 K	**Maintenance**	No internal cleaning required
Color Rendering Index	>80	**Installation**	U-shaped mounting bracket with foot-print suitable for 3-point fixation by means of M20 bolts
Lumen maintenance at median useful life* 75000 h	min L80		Standing-up or hanging-down mounting
			U-bracket stirrup with standard bolts and nuts
Control gear failure rate at median useful life 75000 h	7.5%		Protractor scale with intervals of 5º
			Mains M20 cable gland that accept cable diameters from 10 to 14 mm with external Quick 3 poles IP68 connector
			No need to open the luminaire for electrical connection
Performance Ambient Temperature Tq	+25 ºC	**Operating temperature**	-30ºC < Ta < 35ºC
Driver	Built-in (self-ballasted LED-module)	**Projected area in horizontal position**	At 90º, 0.052 m²
Mains voltage	220-240 V / 50-60 Hz		
Inrush current	5 A / 0.06 ms	**Max adjustment from the horizontal**	-170 to +170º
Dimming	No		
Controls system input	No	**Max vertical aiming**	-90 to +90º
Options	No	**Cable gland**	M 20
Optic	Symmetrical		
	Asymmetrical		

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Versions

**Coreline tempo small BVP110
flood-lighting luminaire**

Product details

**Coreline_tempo_small-BVP110-
DP01.tif**

**Coreline_tempo_small-BVP110-
DP02.tif**

**Coreline_tempo_small-BVP110-
DP03.tif**

**Coreline_tempo_small-BVP110-
DP05.tif**

**Coreline_tempo_small-BVP110-
DP06.tif**

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Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/ Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Controls and Dimming

Dimmable	No

Operating and Electrical

Driver current	700 mA

General Information

CE mark	CE mark
Light source color	Neutral white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Lamp family code	LED42
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	40 pcs
Standard RAL color	Gray aluminum
UL mark	–

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	80
Initial luminous flux	4200 lm

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	88

Mechanical and Housing

Color	Aluminum and gray

General Information

Order Code	Full Product Name	Luminaire light beam spread	Optic type	Service tag
911401555231	BVP110 LED42/NW A	39° x 96°	Asymmetrical	Yes
911401555331	BVP110 LED42/NW S	92° x 91°	Symmetrical	–

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www.lighting.philips.com

2021, August 16 – data subject to change