



# Coreline tempo Large – For every project where light really matters

## Coreline tempo large

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.

### Benefits

- Fast ROI: energy savings of 65%
- Low maintenance thanks to the long lifetime of the luminaire: simple to install and connect
- Robust, high-quality finish
- Equipped with a 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 130 lm/W
- Designed for 1:1 retrofit replacement of conventional technology up to 400 W HPI -T
- System flux: 16,000, 21,000 and 26,000 lm
- Long lifetime of 75 Khrs L80 at Tq +25 °C
- High-performance asymmetrical and symmetrical optics
- U-shaped universal mounting bracket and external quick 3-pole IP68 connector
- High surge protection: 6 kV/8 kV
- Robust design IP66-IP68
- Extension of the options for projects: Dali control, 3,000 K CCT, special coatings.

## Application

- Areas and recreational sports facilities
- Building facades
- Billboards
- Landscape features
- Security and amenity lighting

## Specifications

<b>Type</b>	BVP130
<b>Light source</b>	Integral LED-module
<b>Power</b>	Up to 217 W (+/- 11 %)
<b>Luminous flux</b>	8,000, 12,000, 16,000, 21,000, 26,000 lm
<b>Luminaire efficacy</b>	Up to 133 lm/W
<b>Correlated Colour</b>	4,000 K
<b>Temperature</b>	
<b>Colour Rendering Index</b>	>70
<b>Lumen maintenance at median useful life* 75,000 h</b>	min L80
<b>Control gear failure rate at median useful life 75,000 h</b>	7.5%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-30 to 35 °C
<b>Driver</b>	Built-in (self-ballasted LED-module)
<b>Mains voltage</b>	Xitanium Xtreme LITE programmable
<b>Inrush current</b>	53 A/160 µsec
<b>Dimming</b>	No
<b>Control system input</b>	No
<b>Options</b>	CLO Module Temperature Protection (NTC)

<b>Optic</b>	Symmetrical Asymmetrical (I max 52°)
<b>Optical element</b>	Polycarbonate lens
<b>Optical cover</b>	Clear tempered glass, flat
<b>Material</b>	Housing: die-cast aluminium Lenses: metachrylate
<b>Colour</b>	RAL9007 matt
<b>Connection</b>	External IP68 quick connector (3 pole)
<b>Maintenance</b>	No internal cleaning required
<b>Installation</b>	U-shaped mounting bracket with a foot-print suitable for 3-point fixation by means of M20 bolts Standing-up or hanging-down mounting U-bracket stirrup with standard bolts and nuts Protractor scale with intervals of 5° A mains M20 cable gland that accepts cable diameters from 10 to 14 mm with an external Quick 3-pole IP68 connector No need to open the luminaire for electrical connection
<b>Operating temperature</b>	-40 °C < Ta < 35 °C
<b>Projected area at 90°</b>	0.15 m²
<b>Max adjustment from the horizontal</b>	-170 to +170°
<b>Max vertical aiming</b>	-90 to +90°
<b>Cable gland</b>	M 20
<b>Remarks</b>	ENEC, CE, RoHS Surge protection: 6 KV

# Coreline tempo large

## Versions



Coreline tempo large BVP130  
flood-lighting luminaire

## Product details



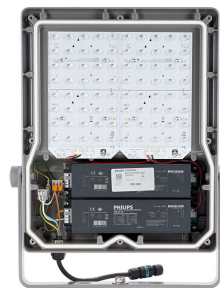
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DP01.tif



Coreline\_tempo\_large-BVP130-  
DP02.tif



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DP06.tif

# Coreline tempo large

## Product details



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### Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

### Controls and Dimming

Dimmable	No
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### General Information

CE mark	CE mark
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	F
Light source replaceable	Yes
Lamp version	4S
Number of gear units	1 unit
Optical element	No
Product Family Code	BVP130
UL mark	No

### Initial Performance (IEC Compliant)

Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	70

### Light Technical

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

### Mechanical and Housing

Colour	Grey
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### Operating and Electrical

Order Code	Full Product Name	Driver current
09639700	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	1000 mA
09640300	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	700 mA
09641000	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	780 mA
09642700	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	1000 mA
09643400	BVP130 LED210-4S/740 PSU S ALU C1KC3	700 mA
09644100	BVP130 LED160-4S/740 PSU S ALU C1KC3	780 mA

## General Information

## Coreline tempo large

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of light sources	Optic type
09639700	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	LED260-4S	80	Optiflux asymmetrical axis angle 52°
09640300	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	LED210-4S	80	Optiflux asymmetrical axis angle 52°
09641000	BVP130 LED160-4S/740	52° x 102°	LED160-4S	60	Optiflux asymmetrical axis angle 52°

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of light sources	Optic type
	PSU OFA52 ALU C1KC3				
09642700	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	70° x 21°	LED260-4S	80	Symmetrical
09643400	BVP130 LED210-4S/740 PSU S ALU C1KC3	70° x 21°	LED210-4S	80	Symmetrical
09644100	BVP130 LED160-4S/740 PSU S ALU C1KC3	70° x 21°	LED160-4S	60	Symmetrical

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
09639700	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	26000 lm
09640300	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	21000 lm
09641000	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	16000 lm

Order Code	Full Product Name	Initial luminous flux
09642700	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	26000 lm
09643400	BVP130 LED210-4S/740 PSU S ALU C1KC3	21000 lm
09644100	BVP130 LED160-4S/740 PSU S ALU C1KC3	16000 lm

