



# 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 payback: energy savings of 50%
- Low-maintenance thanks to the long lifetime of the luminaire; simple to install and connect
- Robust, high-quality finish

### Features

- Highly efficient: up to 115 lm/W
- Designed for 1:1 retrofit replacement of conventional technology up to 400 W HPI-T
- System flux: 16,000, 21,000 or 26,000 lm
- Long lifetime of 50,000 hours (L80B10 at Ta 25°C)
- High-performance asymmetrical and symmetrical optics
- U-shaped universal mounting bracket and external quick 3-pole IP68 connector
- High surge protection: 6kV

# Coreline tempo large

## 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>	8000, 12,000, 16,000, 21,000, 26,000 lm
<b>Luminaire efficacy</b>	Up to 133 lm/W
<b>Correlated Color</b>	4000 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	>70
<b>Lumen maintenance at median useful life*</b>	min L80
<b>75000 h</b>	
<b>Control gear failure rate at median useful life</b>	7.5%
<b>75000 h</b>	
<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>Controls 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 aluminum Lenses: metachrylate
<b>Color</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 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° 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
<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

## Versions



Coreline tempo large BVP130  
flood-lighting luminaire

# Coreline tempo large

## Product details



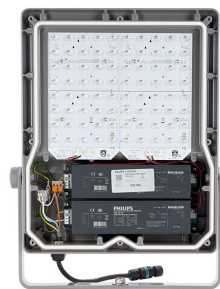
Coreline\_tempo\_large-BVP130-DP01.tif



Coreline\_tempo\_large-BVP130-DP02.tif



Coreline\_tempo\_large-BVP130-DP03.tif



Coreline\_tempo\_large-BVP130-DP04.tif



Coreline\_tempo\_large-BVP130-DP05.tif



Coreline\_tempo\_large-BVP130-DP06.tif



Coreline\_Tempo\_Large-BVP125-DPP.TIF

# Coreline tempo large

## Approval and Application

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

## Controls and Dimming

Dimmable	No
----------	----

## General Information

CE mark	CE mark
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

## Initial Performance (IEC Compliant)

Init. Color Rendering Index	70
-----------------------------	----

## Light Technical

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

## Mechanical and Housing

Color	Gray
-------	------

## 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
90517000	BVP130 LED260-4S/730 A	-
90516300	BVP130 LED205-4S/730 A	-
90523100	BVP130 LED260-4S/730 S	-

## General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Lamp family code	Number of light sources
09639700	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	740 neutral white	LED260-4S	80
09640300	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	740 neutral white	LED210-4S	80
09641000	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	740 neutral white	LED160-4S	60
09642700	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	70° x 21°	740 neutral white	LED260-4S	80

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Lamp family code	Number of light sources
09643400	BVP130 LED210-4S/740 PSU S ALU C1KC3	70° x 21°	740 neutral white	LED210-4S	80
09644100	BVP130 LED160-4S/740 PSU S ALU C1KC3	70° x 21°	740 neutral white	LED160-4S	60
90517000	BVP130 LED260-4S/730 A	52° x 102°	730 warm white	LED260	-
90516300	BVP130 LED205-4S/730 A	52° x 102°	730 warm white	LED210	-
90523100	BVP130 LED260-4S/730 S	70° x 21°	730 warm white	LED260	-

# Coreline tempo large

## General Information (2/2)

Order Code	Full Product Name	Optic type	Service tag	UL mark
09639700	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	Optiflux asymmetrical axis angle 52°	-	-
09640300	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	Optiflux asymmetrical axis angle 52°	-	-
09641000	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	Optiflux asymmetrical axis angle 52°	-	-
09642700	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	Symmetrical	-	-
09643400	BVP130 LED210-4S/740 PSU S ALU C1KC3	Symmetrical	-	-

Order Code	Full Product Name	Optic type	Service tag	UL mark
09644100	BVP130 LED160-4S/740 PSU S ALU C1KC3	Symmetrical	Yes	-
90517000	BVP130 LED260-4S/730 A	Optiflux asymmetrical axis angle 52°	-	-
90516300	BVP130 LED205-4S/730 A	Optiflux asymmetrical axis angle 52°	-	-
90523100	BVP130 LED260-4S/730 S	Symmetrical	-	-

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
09639700	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	4000 K	26000 lm
09640300	BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3	4000 K	21000 lm
09641000	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	4000 K	16000 lm
09642700	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	4000 K	26000 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
09643400	BVP130 LED210-4S/740 PSU S ALU C1KC3	4000 K	21000 lm
09644100	BVP130 LED160-4S/740 PSU S ALU C1KC3	4000 K	16000 lm
90517000	BVP130 LED260-4S/730 A	3000 K	26000 lm
90516300	BVP130 LED205-4S/730 A	3000 K	20500 lm
90523100	BVP130 LED260-4S/730 S	3000 K	26000 lm

