



Philips CoreLine tempo large – A 1:1 retrofit replacement for every project where light really matters

Coreline tempo large

CoreLine tempo large delivers on the CoreLine promise of innovative, easy to use and high quality luminaires. A narrow range of options makes it easy to find the best lux-for-lux replacement for 150W, 250W, and 400W HID lamps. The CoreLine tempo large floodlighting range offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. The installation is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal solution for outdoor areas such as tempo floodlights for industrial/commercial areas, parking lots, etc.

Benefits

- The same light levels as your existing conventional solution while saving on energy
- High quality bvp130 tempo large floodlight
- Easy to use
- The option of asset management and/or wireless lighting control

Coreline tempo large

Features

- All standard Ledgine O platform light distributions, lumen packages from 16,000 lm up to 26,000 lm
- Seaside-resistant treatment and swimming pool protection options
- Long lifetime of 75,000 hours, integrated surge protection, the option of an additional surge protection device, high impact resistance IK08, IP66
- Plug and play installation with 1m cable and IP66 connector, horizontal bracket for pole top mounting
- Ready to be connected to Interact City and Interact Sports recreational thanks to an SR socket

Application

- Indoor multi-purpose gymnasiums and swimming pool
- Outdoor recreational sports fields e.g. basket courts, etc.
- Harbors, airports, parking lots

Specifications

Type	BVP130
Light source	Integral LED-module
Power	Up to 217 W (+/- 11 %)
Luminous flux	8000, 12,000, 16,000, 21,000, 26,000 lm
Luminaire efficacy	Up to 133 lm/W
Correlated Color	4000 K
Temperature	
Color Rendering Index	>70
Lumen maintenance at median useful life* 75000 h	min L80
Control gear failure rate at median useful life 75000 h	7.5%
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to 35 °C
Driver	Built-in (self-ballasted LED-module)
Mains voltage	Xitanium Xtreme LITE programmable
Inrush current	53 A/160 µsec
Dimming	No
Controls system input	No
Options	CLO Module Temperature Protection (NTC)

Optic	Symmetrical Asymmetrical (I max 52°)
Optical element	Polycarbonate lens
Optical cover	Clear tempered glass, flat
Material	Housing: die-cast aluminum Lenses: metachrylate
Color	RAL9007 matt
Connection	External IP68 quick connector (3 pole)
Maintenance	No internal cleaning required
Installation	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
Operating temperature	-40°C < Ta < 35°C
Projected area at 90°	0.15 m²
Max adjustment from the horizontal	-170 to +170°
Max vertical aiming	-90 to +90°
Cable gland	M 20
Remarks	ENEC, CE, RoHS Surge protection: 6 KV

Coreline tempo large

Versions



Coreline tempo large BVP130
flood-lighting luminaire

Product details



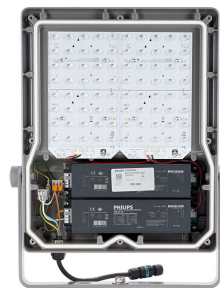
Coreline_tempo_large-BVP130-
DP01.tif



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

Product details



Coreline_Tempo_Large-BVP125-DPP.TIF

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
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	Yes
Lamp version	4S
Number of gear units	1 unit
Optical element	-
Product Family Code	BVP130
UL mark	-

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
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
912300023660	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	1000 mA
912300023662	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	780 mA
912300023663	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	1000 mA
912300023664	BVP130 LED210-4S/740 PSU S ALU C1KC3	700 mA
912300023665	BVP130 LED160-4S/740 PSU S ALU C1KC3	780 mA

Coreline tempo large

General Information (1/2)

Order Code	Full Product Name	Luminaire		Number	
		light beam spread	Lamp family code	of light sources	Optic type
912300023660	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	LED260-4S	80 pcs	Optiflux asymmetrical axis angle 52°
912300023662	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	52° x 102°	LED160-4S	60 pcs	Optiflux asymmetrical axis angle 52°
912300023663	BVP130 LED260-4S/740	70° x 21°	LED260-4S	80 pcs	Symmetrical

Order Code	Full Product Name	Luminaire		Number	
		light beam spread	Lamp family code	of light sources	Optic type
	PSU S ALU C1KC3 T35				
912300023664	BVP130 LED210-4S/740 PSU S ALU C1KC3	70° x 21°	LED210-4S	80 pcs	Symmetrical
912300023665	BVP130 LED160-4S/740 PSU S ALU C1KC3	70° x 21°	LED160-4S	60 pcs	Symmetrical

General Information (2/2)

Order Code	Full Product Name	Service tag
912300023660	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	-
912300023662	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	-
912300023663	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	-

Order Code	Full Product Name	Service tag
912300023664	BVP130 LED210-4S/740 PSU S ALU C1KC3	-
912300023665	BVP130 LED160-4S/740 PSU S ALU C1KC3	Yes

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
912300023660	BVP130 LED260-4S/740 PSU OFA52 ALU C1KC3	26000 lm
912300023662	BVP130 LED160-4S/740 PSU OFA52 ALU C1KC3	16000 lm
912300023663	BVP130 LED260-4S/740 PSU S ALU C1KC3 T35	26000 lm

Order Code	Full Product Name	Initial luminous flux
912300023664	BVP130 LED210-4S/740 PSU S ALU C1KC3	21000 lm
912300023665	BVP130 LED160-4S/740 PSU S ALU C1KC3	16000 lm

