



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

Coreline tempo large

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

Type	BVP130
Light source	Integral LED-module
Power	Up to 217 W (+/- 11 %)
Luminous flux	8,000, 12,000, 16,000, 21,000, 26,000 lm
Luminaire efficacy	Up to 133 lm/W
Correlated Colour	4,000 K
Temperature	
Colour Rendering Index	>70
Lumen maintenance at median useful life* 75,000 h	min L80
Control gear failure rate at median useful life 75,000 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
Control 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 aluminium Lenses: metachrylate
Colour	RAL9007 matt
Connection	External IP68 quick connector (3 pole)
Maintenance	No internal cleaning required
Installation	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
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



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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 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
Product Family Code	BVP130
UL mark	-

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	Gray
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Operating and Electrical

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

General Information

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

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

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
09639700	BVP130 LED260-4S/740 OFA52	26400 lm
09640300	BVP130 LED210-4S/740 OFA52	21320 lm
09641000	BVP130 LED160-4S/740 OFA52	16400 lm

Order Code	Full Product Name	Initial luminous flux
09642700	BVP130 LED260-4S/740 S	26400 lm
09643400	BVP130 LED210-4S/740 S	21320 lm
09644100	BVP130 LED160-4S/740 S	16400 lm

