



Cost-effective floodlight solution for area lighting

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 65%
- Low maintenance thanks to the long lifetime of the luminaire: simple to install and connect
- Robust, high-quality finish

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: 8000, 12000, 16 000, 21000 and 26000 lm
- Long lifetime of 70 000 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 : 6 kV/8kV
- Robust design IP66-IP68
- Extension of the options for projects : Dali control, 3000K CCT, special coatings...

Coreline tempo large

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 | 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 |
| Useful life | 70,000 hours min L80B10 at 25 °C ambient |
| 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 |

Versions



Coreline tempo large BVP130 flood-lighting luminaire



CORELINE TEMPO LARGE - LED module 12,000 lm - 4th generation, screw fixation

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Product details



Side view



Front view



Rear view



Front glass opened



Graduated aiming scale



Horizontal mounting position



Coreline_Tempo_Large-BVP125-DPP.TIF



Coreline_tempo_large_BVP130-2DPP.tif

Coreline tempo large

Product details

Coreline_tempo_large-
BVP130-6DPP.tif



| | |
|--|--|
| Application Conditions | |
| Average ambient temperature | 25 °C |
| 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 |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| 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. 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 |
| Over Time Performance (IEC Compliant) | |
| Driver failure rate at 5000 h | 0.5 % |

Operating and Electrical

| Order Code | Full Product Name | Driver current |
|--------------|------------------------|----------------|
| 912300023660 | BVP130 LED260-4S/740 A | 1000 mA |
| 912300023661 | BVP130 LED210-4S/740 A | 700 mA |
| 912300023662 | BVP130 LED160-4S/740 A | 780 mA |
| 912300023663 | BVP130 LED260-4S/740 S | 1000 mA |
| 912300023664 | BVP130 LED210-4S/740 S | 700 mA |
| 912300023665 | BVP130 LED160-4S/740 S | 780 mA |
| 912300023680 | BVP130 LED120-4S/740 A | 1000 mA |
| 912300023681 | BVP130 LED80-4S/740 A | 780 mA |
| 912300023682 | BVP130 LED120-4S/740 S | 1000 mA |
| 912300023683 | BVP130 LED80-4S/740 S | 780 mA |

General Information

| | | Number of | | | |
|--------------|------------------------|-----------------|-------------|---------|--------------|
| Order Code | Full Product Name | Luminaire light | Lamp family | light | Optic type |
| | | beam spread | code | sources | |
| 912300023660 | BVP130 LED260-4S/740 A | 52° x 102° | LED module | 80 pcs | Asymmetrical |
| | | | 26,000 lm | | |

| | | Number of | | | |
|--------------|------------------------|-----------------|-------------|---------|--------------|
| Order Code | Full Product Name | Luminaire light | Lamp family | light | Optic type |
| | | beam spread | code | sources | |
| 912300023661 | BVP130 LED210-4S/740 A | 52° x 102° | LED210 | 80 pcs | Asymmetrical |

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| Order Code | Full Product Name | Luminaire light beam spread | Lamp family code | Number of light sources | | Optic type |
|--------------|---------------------------|--------------------------------|----------------------------|----------------------------|--|--------------|
| | | | | | | |
| 912300023662 | BVP130 LED160-4S/740 A | 52° x 102° | LED module 16,000 lm | 60 pcs | | Asymmetrical |
| 912300023663 | BVP130 LED260-4S/740 S | 70° x 21° | LED module 26,000 lm | 80 pcs | | Symmetrical |
| 912300023664 | BVP130 LED210-4S/740 S | 70° x 21° | LED210 | 80 pcs | | Symmetrical |
| 912300023665 | BVP130 LED160-4S/740 S | 70° x 21° | LED module 16,000 lm | 60 pcs | | Symmetrical |

| Order Code | Full Product Name | Luminaire light beam spread | Lamp family code | Number of light sources | | Optic type |
|--------------|---------------------------|--------------------------------|---------------------|----------------------------|--|--------------|
| | | | | | | |
| 912300023680 | BVP130 LED120-4S/740 A | 52° x 102° | LED120 | 40 pcs | | Asymmetrical |
| 912300023681 | BVP130 LED80-4S/740 A | 52° x 102° | LED80 | 30 pcs | | Asymmetrical |
| 912300023682 | BVP130 LED120-4S/740 S | 70° x 21° | LED120 | 40 pcs | | Symmetrical |
| 912300023683 | BVP130 LED80-4S/740 S | 70° x 21° | LED80 | 30 pcs | | Symmetrical |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial luminous flux |
|--------------|------------------------|-----------------------|
| 912300023660 | BVP130 LED260-4S/740 A | 26000 lm |
| 912300023661 | BVP130 LED210-4S/740 A | 21000 lm |
| 912300023662 | BVP130 LED160-4S/740 A | 16000 lm |
| 912300023663 | BVP130 LED260-4S/740 S | 26000 lm |
| 912300023664 | BVP130 LED210-4S/740 S | 21000 lm |

| Order Code | Full Product Name | Initial luminous flux |
|--------------|------------------------|-----------------------|
| 912300023665 | BVP130 LED160-4S/740 S | 16000 lm |
| 912300023680 | BVP130 LED120-4S/740 A | 12000 lm |
| 912300023681 | BVP130 LED80-4S/740 A | 8000 lm |
| 912300023682 | BVP130 LED120-4S/740 S | 12000 lm |
| 912300023683 | BVP130 LED80-4S/740 S | 8000 lm |

