



eW Blast Powercore gen4



eW Blast Powercore gen4, 2700 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing

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eW Blast Powercore gen4 high-performance LED luminaires provide a high-intensity wash of white light with simplified installation. eW Blast Powercore gen4 offers a range of accessories that allow for customisable beam angles for floodlighting, spotlighting, wall washing and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminum housing.

Product data

| General information | | Operating and electrical | |
|-------------------------------|---|-------------------------------|----------------------|
| Lamp family code | LED-HB [LED High Brightness] | Lifetime to 90% luminous flux | 28000 h |
| Light source colour | White | Optic type outdoor | Narrow beam angle 6° |
| Light source replaceable | No | Constant light output | Yes |
| Number of gear units | 1 unit | Accessory PFC | ZCP485 |
| Driver/power unit/transformer | PSDMX [Power supply unit with DMX interface] | Input Voltage | 100 to 277 V |
| Optical cover/lens type | CLFT [Clear flat] | Input frequency | 50 to 60 Hz |
| Luminaire light beam spread | 6° | Power factor (nom.) | 0.9 |
| Protection class IEC | Safety class I | Controls and dimming | |
| CE mark | CE mark | Dimmable | Yes |
| UL mark | UL and cUL mark | | |
| Lifetime to 50% luminous flux | 100000 h | | |
| Lifetime to 70% luminous flux | 84000 h | | |

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|-----------------------------|--------------------|
| Mechanical and housing | |
| Housing material | Aluminium die-cast |
| Optic material | Glass |
| Optical cover/lens material | Tempered glass |
| Fixation material | Aluminium |
| Mounting device | Baseplate |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Colour | Black |

| | |
|------------------------------|---|
| Approval and application | |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Energy Efficiency Class | G |
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
| Vibration standard | Complies with ANSI C136.31, 3G |
| Vibration rating | Complies with ANSI C136.31, 3G |
| | 915338 |

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|-------------------------------------|--------|
| Initial performance (IEC compliant) | |
| Init. Corr. Colour Temperature | 2700 K |
| Initial input power | 50 W |

| | |
|---|--------|
| Over time performance (IEC compliant) | |
| Lumen Maintenance 50% at 25 °C Calculated | 100000 |
| Lumen Maintenance 50% at 25 °C Reported | 51000 |
| Lumen Maintenance 50% at 50 °C Calculated | 100000 |
| Lumen Maintenance 50% at 50 °C Reported | 51000 |

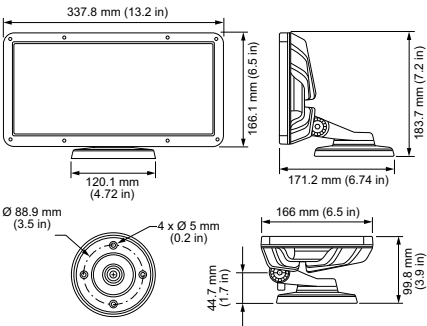
| | |
|---|-------|
| Lumen Maintenance 70% at 25 °C Calculated | 84000 |
| Lumen Maintenance 70% at 25 °C Reported | 51000 |
| Lumen Maintenance 70% at 50 °C Calculated | 83000 |
| Lumen Maintenance 70% at 50 °C Reported | 51000 |
| Lumen Maintenance 90% at 25 °C Calculated | 28000 |
| Lumen Maintenance 90% at 25 °C Reported | 28000 |
| Lumen Maintenance 90% at 50 °C Calculated | 27000 |
| Lumen Maintenance 90% at 50 °C Reported | 28000 |

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|---------------------------|---------------|
| Application conditions | |
| Ambient temperature range | -40 to +50 °C |

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|-----------------------------------|---|
| Product data | |
| Full product code | 871829139288099 |
| Order product name | BCP481 36xLED-HB/2700K 100-277V BK |
| EAN/UPC – product | 8718291392880 |
| Order code | 523-000100-01 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 2 |
| SAP material | 912400134973 |
| Net Weight (Piece) | 4.146 kg |
| Commercial Code | 523-000100-01 |
| Catalogue number description | eW Blast Powercore gen4, 2700 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing |



Dimensional drawing



BCP481 36xLED-HB/2700K 100-277V BK

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