



# eW Blast Powercore gen4



**eW Blast Powercore gen4, 3500 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           |   | Optic type outdoor       |                    |
|-------------------------------|---|--------------------------|--------------------|
| Lamp family code              | LED-HB [ LED High Brightness]                 | Constant light output    | Yes                |
| Light source colour           | White   | Accessory PFC            | ZCP485             |
| Light source replaceable      | No  | Operating and electrical |                    |
| 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                               | Mechanical and housing   |                    |
| Lifetime to 50% luminous flux | 100000 h                                      | Housing material         | Aluminium die-cast |
| Lifetime to 70% luminous flux | 84000 h                                       |                          |                    |
| Lifetime to 90% luminous flux | 28000 h                                       |                          |                    |

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|                             |                |
|-----------------------------|----------------|
| Optic material              | Glass          |
| Optical cover/lens material | Tempered glass |
| 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                |
|                              | 915348  |

Initial performance (IEC compliant)

|                                |        |
|--------------------------------|--------|
| Init. Corr. Colour Temperature | 3500 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 |

Application conditions

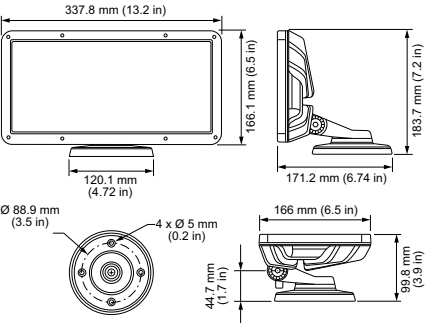
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Product data

|                                   |   |
|-----------------------------------|---|
| Full product code                 | 871829139515799   |
| Order product name                | BCP481 36xLED-HB/3500K 100-277V BK  |
| EAN/UPC – product                 | 8718291395157   |
| Order code                        | 523-000100-31   |
| SAP numerator – quantity per pack | 1   |
| Numerator – packs per outer box   | 2   |
| SAP material                      | 912400135504  |
| Net Weight (Piece)                | 4.146 kg  |
| Commercial Code                   | 523-000100-31   |
| Catalogue number description      | eW Blast Powercore gen4, 3500 K, 100 – 277 VAC, 6° Native (no spread lens), Black housing |



Dimensional drawing



BCP481 36xLED-HB/3500K 100-277V BK

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