



ColorBlast Powercore gen4, RGBW



ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC

ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC

ColorBlast Powercore gen4 high-performance LED luminaires combine white and rich, saturated, color and color-changing effects with simplified installation. ColorBlast Powercore gen4 offers a range of accessories that allow customizable beam angles for floodlighting, spotlighting, wall washing, and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminium housing.

Product data

| General information | | | |
|-------------------------------|--------------------------------------|-------------------------------|-----------------------|
| Number of light sources | 36 pcs | ENEC mark | ENEC mark |
| Beam angle of light source | 10 ° | UL mark | UL and cUL mark |
| Light source color | RGBW | Lifetime to 50% luminous flux | 72300 h |
| Light source replaceable | No | Lifetime to 70% luminous flux | 72300 h |
| Number of gear units | 1 unit | Lifetime to 90% luminous flux | 20100 h |
| Driver/power unit/transformer | Power supply unit with DMX interface | Optic type outdoor | Narrow beam angle 10° |
| Driver included | Yes | Constant light output | No |
| Optical cover/lens type | Clear flat | Accessory PFC | ZCP485 |
| Luminaire light beam spread | 10° | Operating and electrical | |
| Protection class IEC | Safety class I | Input Voltage | 100 to 277 V |
| CE mark | CE mark | Input Frequency | 50 to 60 Hz |

ColorBlast Powercore gen4, RGBW

| | |
|--------------------|---|
| Power Factor (Nom) | - |
|--------------------|---|

Controls and dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and housing

| | |
|-----------------------------|-------------------|
| Housing Material | Aluminum die cast |
| Optic material | Glass |
| Optical cover/lens material | Tempered glass |
| Mounting device | Baseplate |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Color | Gray |

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 |
| Corrosion Resistance | Complies with ASTM B117 standard for > 1,500 hours |
| Vibration Rating | Complies with ANSI C136.31, 3G |
| EPREL Registration Number | 887768 |

Initial performance (IEC compliant)

| | |
|-------------------------------------|-----------|
| Initial luminous flux (system flux) | 2162 lm |
| Initial LED luminaire efficacy | 44.9 lm/W |
| Initial input power | 50 W |

Over time performance (IEC compliant)

| | |
|--|-------|
| Lumen Maintenance 50% at 25°C Calculated | 90300 |
| Lumen Maintenance 50% at 25°C Reported | 54000 |
| Lumen Maintenance 50% at 50°C Calculated | 90300 |

| | |
|--|-------|
| Lumen Maintenance 50% at 50°C Reported | 54000 |
| Lumen Maintenance 70% at 25°C Calculated | 46100 |
| Lumen Maintenance 70% at 25°C Reported | 46100 |
| Lumen Maintenance 70% at 50°C Calculated | 46100 |
| Lumen Maintenance 70% at 50°C Reported | 46100 |
| Lumen Maintenance 80% at 25°C Calculated | 28600 |
| Lumen Maintenance 80% at 25°C Reported | 28600 |
| Lumen Maintenance 80% at 50°C Calculated | 28600 |
| Lumen Maintenance 80% at 50°C Reported | 28600 |
| Lumen Maintenance 90% at 25°C Calculated | 13100 |
| Lumen Maintenance 90% at 25°C Reported | 13100 |
| Lumen Maintenance 90% at 50°C Calculated | 13100 |
| Lumen Maintenance 90% at 50°C Reported | 13100 |

Application conditions

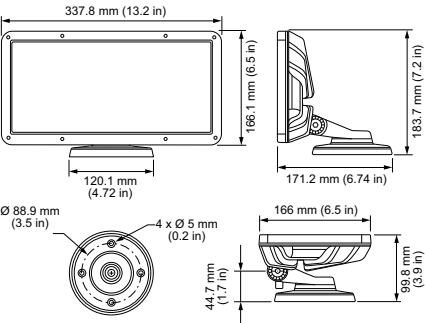
| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

Product data

| | |
|---------------------------------|--|
| Full product code | 871829138845699 |
| Order product name | BCP484 36xLED-HB/RGBW 100-277V 10 GR |
| | GR |
| EAN/UPC - Product | 8718291388456 |
| Order code | 423-000012-04 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 912400133547 |
| Net Weight (Piece) | 4.146 kg |
| Catalog Number | 423-000012-04 |
| Catalog Number Description | ColorBlast Powercore gen4, RGBW, 100 – 277 VAC, 10° Native (no spread lens), Gray Housing, UL/CE/CQC |



Dimensional drawing



BCP484 36xLED-HB/RGBW 100-277V 10 GR

ColorBlast Powercore gen4, RGBW

