# ColorBurst Powercore gen2, RGBA

## ColorBurst Powercore gen2, RGBA, 8° Native (no spread lens), Black Housing, Architectural

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ColorBurst Powercore gen2 is a high-output, exterior-rated LED lighting luminaire designed for accent and site lighting. Standard format Architectural and Landscape luminaires deliver full-color light output of up to 1,151 lumens to support a range of dynamic uplighting, floodlighting, and decorative lighting applications.

## Product data

### General information

| | |
|---|---|
| Beam angle of light source | 8 ° |
| Light source color | RGBA |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | Tempered glass |
| Luminaire light beam spread | 8° |
| Protection class IEC | Safety class I |
| CE mark | CE mark |
| UL mark | UL and cUL mark |
| Glare shielding accessories | Glare shield |

### Operating and electrical

| | |
|---|---|
| Input Voltage | 100 to 277 V |
| Input Frequency | 50 to 60 Hz |

### Controls and dimming

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

### Mechanical and housing

| | |
|---|---|
| Color | Black |

### Approval and application

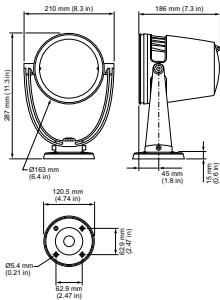| | |
|---|---|
| Ingress protection code | IP66 [ Dust penetration-protected, jet-proof] |
| Energy Efficiency Class | G |
| Mech. impact protection code | IK08 [ 5 J vandal-protected] |
| Vibration Standard | Complies with ANSI C136.31, 3G |
| Corrosion Resistance | Complies with ASTM B117 standard for > 1,500 hours |

# ColorBurst Powercore gen2, RGBA

| | |
|---|---|
| **FCC mark** | FCC Class A |
| **Vibration Rating** | Complies with ANSI C136.31, 3G |
| **EPREL Registration Number** | 887811 |

## Initial performance (IEC compliant)

| | |
|---|---|
| **Initial luminous flux (system flux)** | 1118 lm |
| **Initial LED luminaire efficacy** | 37 lm/W |
| **Initial input power** | 30 W |

## Over time performance (IEC compliant)

| | |
|---|---|
| **Lumen Maintenance 70% at 25°C Calculated** | 48300 |
| **Lumen Maintenance 70% at 50°C Calculated** | 48300 |

## Application conditions

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

## Product data

| | |
|---|---|
| **Full product code** | 871869921163999 |
| **Order product name** | BCP462 G2 19xLED-HB/RGBA BK |
| **EAN/UPC – Product** | 8718699211639 |
| **Order code** | 423-000005-24 |
| **Numerator – Quantity Per Pack** | 1 |
| **Numerator – Packs per outer box** | 2 |
| **Material Nr. (12NC)** | 912400135488 |
| **Net Weight (Piece)** | 5.510 kg |
| **Catalog Number** | 423-000005-24 |
| **Catalog Number Description** | ColorBurst Powercore gen2, RGBA, 8° Native (no spread lens), Black Housing, Architectural |

IP 66  IK 08  ⏚

## Dimensional drawing



**BCP462 G2 19xLED-HB/RGBA BK**

www.lighting.philips.com

2022, September 20 – data subject to change