



# ColorGraz MX4 Powercore



## ColorGraz MX4 Powercore, RGBA, 30° x 60° Beam Angle, 305 mm (1 ft)

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ColorGraz MX4 Powercore is a high-performance, exterior linear luminaire designed to highlight architectural features ranging from surface textures and molding details to archways and windows. Graze RGBW luminaires add a separate white LED creating better-quality whites compared to RGB. Graze RGBA luminaires add a separate amber LED which expands the available range of colors to include warmer tones such as rich gold, yellow, and orange shades. Multiple fixture lengths, and beam angles support a large range of façade or surface illumination applications. Low-profile housing, connectorized cabling, a universal power input range, and direct line voltage operation make Graze luminaires easy to install and operate.

### Product data

| General information         |                               | UL mark                  |              |
|-----------------------------|-------------------------------|--------------------------|--------------|
| Lamp family code            | LED-HB [ LED High Brightness] | UL and cUL mark          |              |
| Light source color          | RGBA                          | Operating and electrical |              |
| Light source replaceable    | No                            | Input Voltage            | 100 to 277 V |
| Driver included             | Yes                           | Input Frequency          | 50 to 60 Hz  |
| Optical cover/lens type     | Polycarbonate bowl/cover      | Controls and dimming     |              |
| Luminaire light beam spread | 30° x 60°                     | Dimmable                 | Yes          |
| Protection class IEC        | Safety class I                |                          |              |
| CE mark                     | CE mark                       |                          |              |

ColorGrazе MX4 Powercore

|                             |                   |
|-----------------------------|-------------------|
| Mechanical and housing      |                   |
| Housing Material            | Aluminum extruded |
| Optic material              | Polycarbonate     |
| Optical cover/lens material | Polycarbonate     |
| Length                      | 305 mm            |

|                              |   |
|------------------------------|---|
| 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 with special order. Please contact your Color Kinetics Lighting Sales rep for custom configurations. |
| FCC mark                     | FCC Class A   |
| Vibration Rating             | Complies with ANSI C136.31, 3G  |
| EPREL Registration Number    | 887718  |

|                                     |         |
|-------------------------------------|---------|
| Initial performance (IEC compliant) |         |
| Initial luminous flux (system flux) | 547 lm  |
| Initial LED luminaire efficacy      | 27 lm/W |
| Initial input power                 | 18.5 W  |

|                                       |      |
|---------------------------------------|------|
| Over time performance (IEC compliant) |      |
| Lumen Maintenance 50% at 25°C         | 7500 |
| Reported                              |      |

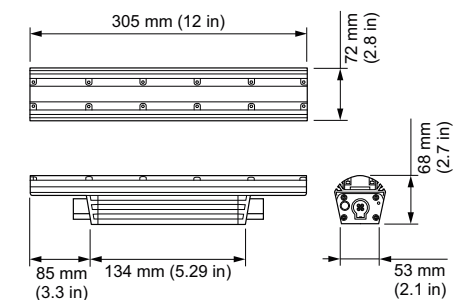
|  |        |
|--|--------|
| Lumen Maintenance 50% at 50°C          | 70000  |
| Reported                               |        |
| Lumen Maintenance 70% at 25°C          | 100000 |
| Calculated                             |        |
| Lumen Maintenance 70% at 25°C Reported | 70000  |
| Lumen Maintenance 70% at 50°C          | 100000 |
| Calculated                             |        |
| Lumen Maintenance 70% at 50°C          | 65000  |
| Reported                               |        |

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

|                                 |   |
|---------------------------------|---|
| Product data                    |   |
| Full product code               | 871829161990199   |
| Order product name              | BCS559 30x60 RGBA L305  |
| EAN/UPC - Product               | 8718291619901   |
| Order code                      | 423-000002-03   |
| Numerator - Quantity Per Pack   | 1   |
| Numerator - Packs per outer box | 4   |
| Material Nr. (12NC)             | 910503704705  |
| Net Weight (Piece)              | 1.200 kg  |
| Catalog Number                  | 423-000002-03   |
| Catalog Number Description      | ColorGrazе MX4 Powercore, RGBA, 30° x 60° Beam Angle, 305 mm (1 ft) |



Dimensional drawing



BCS559 30x60 RGBA L305

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