



# ColorGraze MX4 Powercore

## BCS559 10x60 RGBW L305

RGBW - 10° x 60° - 305 mm

ColorGraze 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 application. 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         |                               |
|-----------------------------|-------------------------------|
| Lamp family code            | LED-HB [ LED High Brightness] |
| Light source color          | RGBW                          |
| Light source replaceable    | No                            |
| Driver included             | Yes                           |
| Optical cover/lens type     | Polycarbonate bowl/cover      |
| Luminaire light beam spread | 10° x 60°                     |
| Protection class IEC        | Safety class I                |
| CE mark                     | CE mark                       |
| UL mark                     | UL and cUL mark               |
| Operating and Electrical    |                               |
| Input Voltage               | 100 to 277 V                  |

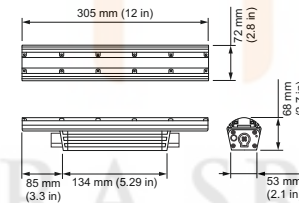
| Input Frequency             | 50 to 60 Hz       |
|-----------------------------|-------------------|
| Controls and Dimming        |                   |
| Dimmable                    | Yes               |
| Mechanical and Housing      |                   |
| Housing Material            | Aluminum extruded |
| Optic material              | Polycarbonate     |
| Optical cover/lens material | Polycarbonate     |
| Length                      | 305 mm            |

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| Approval and Application                 |   |
|--|---|
| Ingress protection code                  | IP66 [ Dust penetration-protected, jet-proof] |
| 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                |
| Initial Performance (IEC Compliant)      |   |
| Initial luminous flux (system flux)      | 619 lm  |
| Initial LED luminaire efficacy           | 34.9 lm/W                                     |
| Initial input power                      | 18.5 W  |
| Over Time Performance (IEC Compliant)    |   |
| Lumen Maintenance 50% at 25°C Reported   | 75000   |
| Lumen Maintenance 50% at 50°C Reported   | 70000   |
| Lumen Maintenance 70% at 25°C Calculated | 100000  |
| Lumen Maintenance 70% at 25°C Reported   | 70000   |
| Lumen Maintenance 70% at 50°C Calculated | 100000  |

| Lumen Maintenance 70% at 50°C Reported | 65000                  |
|--|------------------------|
| Application Conditions                 |                        |
| Ambient temperature range              | -40 to +50 °C          |
| Product Data                           |                        |
| Full product code                      | 871829161978999        |
| Order product name                     | BCS559 10x60 RGBW L305 |
| EAN/UPC - Product                      | 8718291619789          |
| Order code                             | 910503704682           |
| Numerator - Quantity Per Pack          | 1                      |
| Numerator - Packs per outer box        | 4                      |
| Material Nr. (12NC)                    | 910503704682           |
| Net Weight (Piece)                     | 1.200 kg               |

### Dimensional drawing



Graze



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