# PHILIPS Lighting

# ColorGraze MX Powercore

## BCS459 15x30 RGB L305

RGB – 15° x 30° – 305 mm

Many architectural structures need a linear fixture capable of illuminating multiple storeys with minimal setback. Property owners/end users need a controllable product capable of dynamic illumination to draw attention to their establishments and emphasise their brands. Graze MX Powercore is capable of illuminating over 20 metres at very close setback distances. Powercore technology enables simple installation and long product run lengths.

## Product data

### General Information

| | |
|---|---|
| Lamp family code | LED-HB [ LED High Brightness] |
| Lamp colour code | RGB |
| Light source replaceable | No |
| Driver included | Yes |
| Luminaire light beam spread | 15° x 30° |
| Protection class IEC | Safety class I (I) |
| CE mark | CE mark |
| UL mark | UL and cUL mark |
| Lifetime to 70% luminous flux | 100000 h |

### 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 |
| Optical cover/lens material | Polycarbonate |
| Length | 305 mm |
| Colour | Aluminium |

### Approval and Application

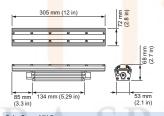| | |
|---|---|
| Ingress protection code | IP66 [ Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [ 20 J vandal-resistant] |
| Vibration standard | Complies with ANSI C136.31, 3G |
| | Complies with ANSI C136.31, 3G |

## ColorGraze MX Powercore

### Initial Performance (IEC Compliant)

| | |
|---|---|
| Initial input power | 20 W |

### Over Time Performance (IEC Compliant)

| | |
|---|---|
| Lumen Maintenance 50% at 25°C Calculated | 100000 |
| Lumen Maintenance 50% at 25°C Reported | 100000 |
| Lumen Maintenance 50% at 50°C Calculated | 80000 |
| Lumen Maintenance 50% at 50°C Reported | 80000 |
| Lumen Maintenance 70% at 25°C Calculated | 100000 |
| Lumen Maintenance 70% at 25°C Reported | 80000 |
| Lumen Maintenance 70% at 50°C Calculated | 91000 |
| Lumen Maintenance 70% at 50°C Reported | 60000 |

### Application Conditions

| | |
|---|---|
| Ambient temperature range | -20 to +50 °C |

### Product Data

| | |
|---|---|
| Full product code | 871829160395599 |
| Order product name | BCS459 15x30 RGB L305 |
| EAN/UPC – product | 8718291603955 |
| Order code | 910503703332 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 4 |
| Material no. (12NC) | 910503703332 |
| Net weight (piece) | 1.200 kg |

### Dimensional drawing



305 mm (12 in)
72 mm (2.8 in)
68 mm (2.7 in)
85 mm (3.3 in)
134 mm (5.29 in)
53 mm (2.1 in)

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www.lighting.philips.com
2019, September 20 - data subject to change