



ColorGraze IntelliHue Powercore

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Graze is a high-performance, exterior linear luminaire designed to highlight architectural features ranging from surface textures and moulding details to archways and windows. Graze IntelliHue utilises Color Kinetics IntelliHue technology to produce millions of saturated colours, pastels and high-quality white light, in the same precisely controllable luminaire. Multiple fixture lengths and beam angles support a large range of façade or surface illumination applications. Low-profile housing, connectorised 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 colour | IntelliHue |
| Light source replaceable | No |
| Driver included | Yes |
| Optical cover/lens type | PC-UV [Polycarbonate bowl/cover UV-resistant] |
| CE mark | CE mark |
| UL mark | UL and cUL mark |

| Light technical | |
|---------------------------|--------------|
| Efficacy (lm/W) @ 4,000 K | 45.5 lm/W |
| Efficacy (lm/W) @ 2,700 K | 47.6 lm/W |
| CRI @ 4,000 K | 81.2 |
| CRI @ 2,700 | 86.6 |
| Operating and electrical | |
| Input Voltage | 100 to 277 V |
| Input frequency | 50 to 60 Hz |

ColorGraze IntelliHue Powercore

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|--|---|
| Controls and dimming | |
| Dimmable | Yes |
| Mechanical and housing | |
| Housing material | Aluminum extruded |
| Optic material | Polycarbonate |
| Optical cover/lens material | Polycarbonate |
| Length | 610 mm |
| Colour | Aluminum |
| 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 |
| FCC mark | FCC Class A |
| Vibration rating | Complies with ANSI C136.31, 3G |
| | 887742 |
| Initial performance (IEC compliant) | |
| Initial luminous flux (system flux) | 1384 lm |
| Initial luminous flux at colour temperature of 2,700 K | 892 lm |
| Initial luminous flux at colour temperature of 4,000 K | 1078 lm |
| Initial LED luminaire efficacy | 38.7 lm/W |
| Init. Colour rendering index | 60 |

| | |
|---|---|
| Initial input power | 36 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 | 871869921251399 |
| Order product name | BCS559 10x60 RGBMW L609 |
| EAN/UPC – product | 8718699212513 |
| Order code | 423-000016-06 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 4 |
| SAP material | 912400135881 |
| Net Weight (Piece) | 2.700 kg |
| Commercial Code | 423-000016-06 |
| Catalogue number description | ColorGraze IntelliHue Powercore, 100 to 277 VAC, 10° x 60°, 610 mm (2 ft) |



Dimensional drawing



