



# iW Graze EC Powercore

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Some exterior architectural details require a soft-edged volume fill of light. Graze EC Powercore combines this output with the proven, durable design of the Graze Powercore product family and low power consumption.

## Product data

| General Information           |   | Controls and Dimming         |   |
|-------------------------------|---|------------------------------|---|
| Lamp family code              | LED-HB [ LED High Brightness]           | Dimmable                     | Yes   |
| Light source colour           | Cool white and warm white               |                              |   |
| Light source replaceable      | No                                      |                              |   |
| Driver included               | Yes                                     |                              |   |
| Optic type                    | 90 [ Beam angle 90°]                    |                              |   |
| Optical cover/lens type       | PCF [ Polycarbonate bowl/cover frosted] |                              |   |
| Luminaire light beam spread   | 90° x 90°                               |                              |   |
| Protection class IEC          | Safety class I                          |                              |   |
| CE mark                       | CE mark                                 |                              |   |
| UL mark                       | UL and cUL mark                         |                              |   |
| Lifetime to 70% luminous flux | 100000 h                                |                              |   |
| Operating and Electrical      |   | Mechanical and Housing       |   |
| Input Voltage                 | 100 to 277 V                            | Housing material             | Extruded aluminium                            |
| Input frequency               | 50 to 60 Hz                             | Optic material               | Polycarbonate                                 |
|                               |   | Optical cover/lens material  | Polycarbonate                                 |
|                               |   | Length                       | 609 mm  |
|                               |   | Colour                       | Aluminium                                     |
|                               |   | Approval and Application     |   |
|                               |   | Ingress protection code      | IP66 [ Dust penetration-protected, jet-proof] |
|                               |   | Mech. impact protection code | IK08 [ 5 J vandal-protected]                  |
|                               |   | Vibration standard           | Complies with ANSI C136.31, 3G                |
|                               |   | Vibration rating             | Complies with ANSI C136.31, 3G                |

## iW Graze EC Powercore

### Initial Performance (IEC Compliant)

|                                     |           |
|-------------------------------------|-----------|
| Initial luminous flux (system flux) | 824 lm    |
| Initial LED luminaire efficacy      | 29.6 lm/W |
| Init. Colour rendering index        | 82        |
| Initial input power                 | 20 W      |

### Over Time Performance (IEC Compliant)

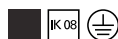
|   |        |
|---|--------|
| Lumen Maintenance 50% at 25 °C            | 100000 |
| Calculated                                |        |
| Lumen Maintenance 50% at 25 °C Reported   | 36000  |
| Lumen Maintenance 50% at 50 °C            | 80000  |
| Calculated                                |        |
| Lumen Maintenance 50% at 50 °C Reported   | 36000  |
| Lumen Maintenance 70% at 25 °C Calculated | 100000 |
| Lumen Maintenance 70% at 25 °C Reported   | 36000  |
| Lumen Maintenance 70% at 50 °C            | 60000  |
| Calculated                                |        |
| Lumen Maintenance 70% at 50 °C Reported   | 36000  |

### Application Conditions

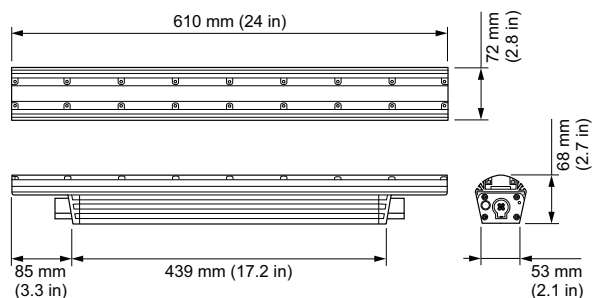
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

### Product Data

|                                   |  |
|-----------------------------------|--|
| Full product code                 | 871829160990299  |
| Order product name                | BCS438 2700-6500 L609                                      |
| EAN/UPC – product                 | 8718291609902  |
| Order code                        | 523-000079-41  |
| SAP numerator – quantity per pack | 1  |
| Numerator – packs per outer box   | 4  |
| SAP material                      | 910503703685   |
| SAP net weight (piece)            | 2.598 kg   |
| Commercial Code                   | 523-000079-41  |
| Catalogue number description      | iW Graze EC Powercore, 90° x 90° Beam Angle, 610 mm (2 ft) |



## Dimensional drawing



Graze

