



# iW Graze EC Powercore

## iW Graze EC Powercore, 90° x 90° Beam Angle, 914 mm (3 ft)

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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           |   |
|-------------------------------|---|
| Lamp family code              | LED-HB [ LED High Brightness]           |
| Lamp colour code              | 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 (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                             |
| Optic material               | Polycarbonate                                 |
| Optical cover/lens material  | Polycarbonate                                 |
| Length                       | 914 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           | Not compliant to ANSI C136.31, 3G. Special    |
|                              | orders are available to conform to the        |
|                              | standard. Please contact your Color Kinetics  |
|                              | Lighting Sales rep for custom configurations. |

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|---------------------------------------|---|--|
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|                                       | Lighting Sales rep for custom configurations. |  |
|                                       |   |  |
| Initial Performance (IEC Complia      | ant)  |  |
| Initial luminous flux (system flux)   | 1236 lm                                       |  |
| Initial LED luminaire efficacy        | 29.6 lm/W                                     |  |
| Colour Rendering Index                | 82  |  |
| Initial input power                   | 30 W  |  |
|                                       |   |  |
| Over Time Performance (IEC Compliant) |   |  |
| Lumen Maintenance 50% at 25 °C        | 100000  |  |
| Calculated                            |   |  |
| Lumen Maintenance 50% at 25 °C        | 36000   |  |
| Reported                              |   |  |
| Lumen Maintenance 50% at 50 °C        | 80000   |  |
| Calculated                            |   |  |
| Lumen Maintenance 50% at 50 °C        | 36000   |  |
| Reported                              |   |  |
| Lumen Maintenance 70% at 25 °C        | 100000  |  |
|                                       |   |  |

36000

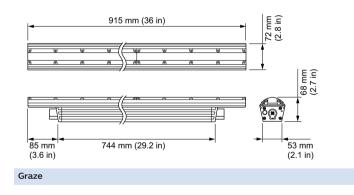
| Lumen Maintenance 70% at 50 °C    | 60000                                 |
|-----------------------------------|---------------------------------------|
| Calculated                        |                                       |
| Lumen Maintenance 70% at 50 °C    | 36000                                 |
| Reported                          |                                       |
|                                   |                                       |
| Application Conditions            |                                       |
| Ambient temperature range         | -40 to +50 °C                         |
|                                   |                                       |
| Product Data                      |                                       |
| Full product code                 | 871829160967400                       |
| Order product name                | BCS438 2700-6500 L914                 |
| EAN/UPC – product                 | 8718291609674                         |
| Order code                        | 523-000079-42                         |
| SAP numerator – quantity per pack | 1                                     |
| Numerator – packs per outer box   | 1                                     |
| SAP material                      | 910503703686                          |
| SAP net weight (piece)            | 3.800 kg                              |
| Commercial Code                   | 523-000079-42                         |
| Commercial Code                   | iW Graze EC Powercore, 90° x 90° Beam |
|                                   | Angle, 914 mm (3 ft)                  |
|                                   |                                       |



#### Dimensional drawing

Reported

Lumen Maintenance 70% at 25 °C





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