

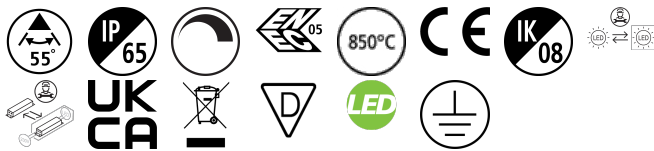
## Granit 0-10V

Granit IP65 0-10V 31000lm 840 MB

0039601

### Product features

- Integrated LED highbay; Black aluminium housing; 31000Lm; 220 W; 141 Lm/W; 4000K; Drive current: 860mA; CRI 80; 55° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 385 x 181 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.



### PRODUCT OVERVIEW

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product name                    | Granit IP65 0-10V 31000lm 840 MB |
| Technology                      | LED                              |
| Housing                         | Aluminium                        |
| Mount                           | Suspended                        |
| General application             | Logistics & Industry             |
| ETIM Class                      | EC001716                         |
| E-number FI                     | 4357011                          |
| Warranty                        | 5 years                          |
| Fixture luminous flux (lm)      | 31000                            |
| Luminaire efficacy (lm/W)       | 141                              |
| Colour temperature (K)          | 4000                             |
| Light colour                    | Neutral White                    |
| CRI (Ra)                        | 80                               |
| Colour Variation Initial (SDCM) | SDCM3                            |
| Beam Angle (°)                  | 55                               |
| Glare control                   | < 22                             |
| Photobiological Risk Group      | RG1                              |
| Total power consumption (W)     | 220                              |
| Electrical protection           | Class I                          |
| Control gear type               | Other                            |
| Dimmable                        | Yes                              |
| LED Flickering Rate             | Low (6% - 20%)                   |
| Housing colour                  | Black                            |
| IP rating                       | IP65                             |
| IK rating                       | IK08                             |
| Product EAN number              | 5410288396019                    |

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### DATA TABLE

#### General data

|   |                                  |
|---|----------------------------------|
| Product name                            | Granit IP65 0-10V 31000lm 840 MB |
| Technology                              | LED                              |
| Housing                                 | Aluminium                        |
| Mount                                   | Suspended                        |
| General application                     | Logistics & Industry             |
| Operating temperature range (°C)        | -30°C - 50°C                     |
| Performance ambient temperature Tq (°C) | 25                               |
| ETIM Class                              | EC001716                         |
| E-number FI                             | 4357011                          |
| Warranty                                | 5 years                          |

#### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 31000         |
| Luminaire efficacy (lm/W)       | 141           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 55            |
| Glare control                   | < 22          |
| Photobiological Risk Group      | RG1           |

#### Electrical data

|  |                |
|--|----------------|
| Total power consumption (W)                                    | 220            |
| Mains voltage (V)  | 220-240V~      |
| Lamp power factor  | 0.95           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10             |
| Electrical protection  | Class I        |
| Control gear type  | Other          |
| Dimmable   | Yes            |
| Drive current (mA)   | 860            |
| Inrush Current (A)   | 99.2           |
| Inrush Duration (µs)   | 220            |
| Glow Wire Test (°C)  | 850            |
| Energy Efficiency Class (A->G) of contained light source       | E              |
| Nominal Frequency (Hz)   | 50/60Hz        |
| LED Flickering Rate  | Low (6% - 20%) |
| Max. Luminaires per 10A C Breaker                              | 3              |
| Max. Luminaires per 13A C Breaker                              | 5              |
| Max. Luminaires per 16A C Breaker                              | 7              |
| Max. Luminaires per 20A C Breaker                              | 8              |
| Max. Luminaires per 10A B Breaker                              | 3              |
| Max. Luminaires per 13A B Breaker                              | 3              |

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|                                   |   |
|-----------------------------------|---|
| Max. Luminaires per 16A B Breaker | 4 |
| Max. Luminaires per 20A B Breaker | 5 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 70000 |
| Lifespan L80 B10 | 65000 |
| Lifespan L90 B50 | 45000 |

### Physical data

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | Black            |
| IP rating                     | IP65             |
| IK rating                     | IK08             |
| Diffuser finish               | Transparent      |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Length (mm)   | 385              |
| Nominal Product Width (mm)    | 385              |
| Nominal Product Height (mm)   | 181              |
| Nominal Product Diameter (mm) | 385              |
| Weight (kg)                   | 4.77             |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288396019  |
| Packaging single length / height (cm) | 44.5           |
| Packaging single width (cm)           | 44.5           |
| Packaging single depth (cm)           | 19.5           |
| DUN14 (outer)                         | 05410288396019 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 44.5           |
| Packaging outer width (cm)            | 44.5           |
| Packaging outer depth (cm)            | 19.5           |

### Safety data

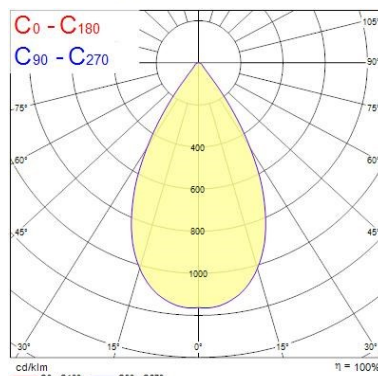
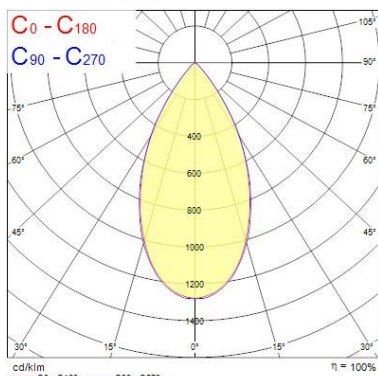
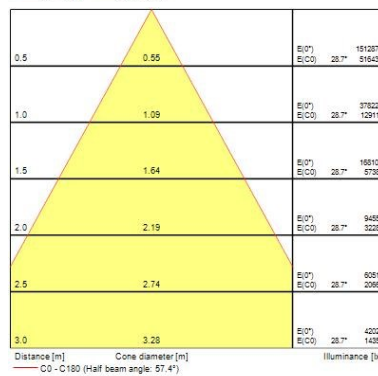
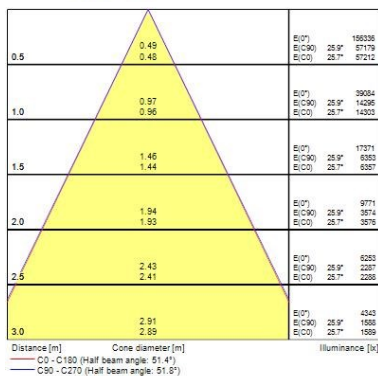
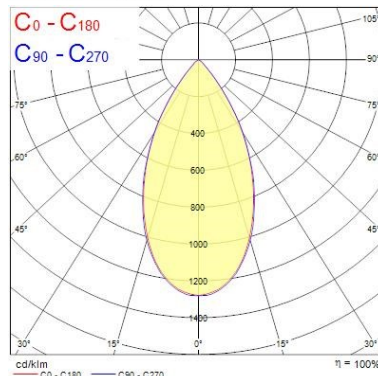
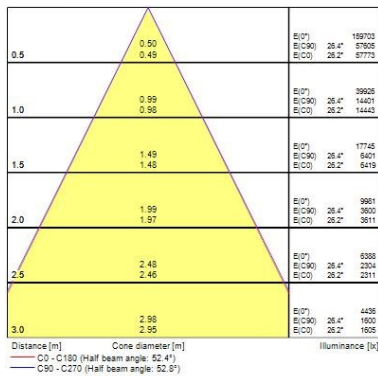
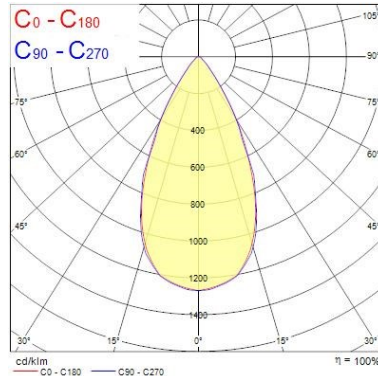
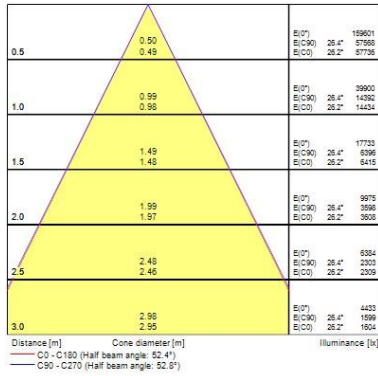
|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -30-50 |
|----------------------------------|--------|

## PHOTOMETRY

## Granit 0-10V

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Granit 0-10V

*Granit IP65 0-10V 31000lm 840 MB*

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## TECHNICAL DRAWINGS

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