



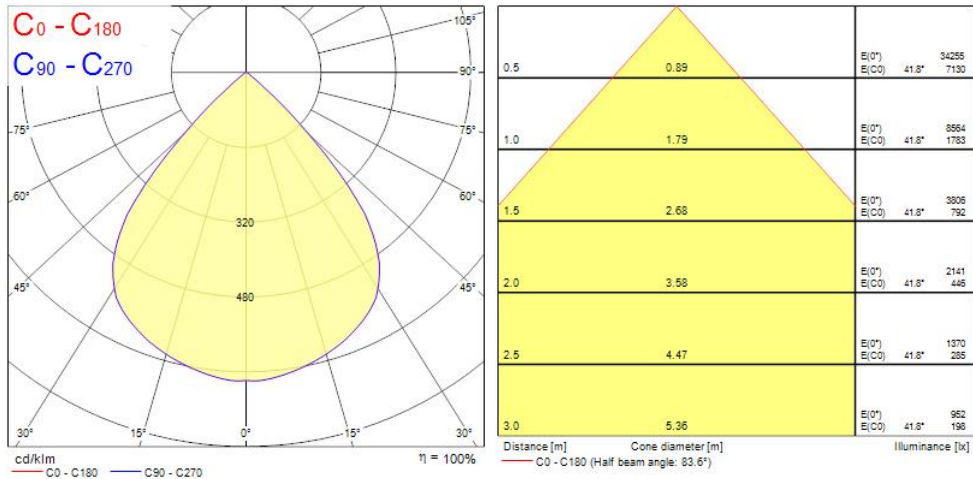
Features

- Integrated LED highbay; Black aluminium housing; 13000Lm; 80 W; 163 Lm/W; 4000K; Drive current: 410mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B20 92,000 hrs; (D x H) 298 x 168 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

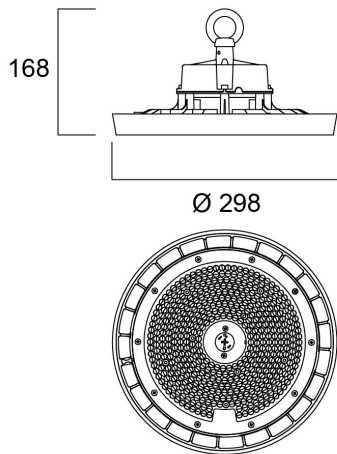
Product Overview

|                                 |                                 |
|---------------------------------|---------------------------------|
| Product name                    | Granit IP65 DALI 13000lm 840 WB |
| Technology                      | LED                             |
| Cap/Base                        | N/A                             |
| E-number FI                     | 4357105                         |
| Fixture luminous flux (lm)      | 13000                           |
| Luminaire efficacy (lm/W)       | 163                             |
| Colour temperature (K)          | 4000                            |
| Light colour                    | Neutral White                   |
| CRI (Ra)                        | 80                              |
| Colour Variation Initial (SDCM) | 3                               |
| Glare control                   | < 25                            |
| Photobiological Risk Group      | RG1                             |
| Total power consumption (W)     | 80                              |
| Electrical protection           | Class I                         |
| LED Flickering Rate             | Low (6% - 20%)                  |
| Housing colour                  | RAL 9017 - Traffic black        |
| IP rating                       | IP65                            |
| IK rating                       | IK08                            |
| Product EAN number              | 5410288397528                   |
| Warranty                        | 5 years                         |

Photometry



Technical drawings



Data table

GENERAL DATA

Product name Granit IP65 DALI 13000lm 840 WB

## Granit IP65 DALI 13000lm 840 WB 0039752

|                                  |               |
|----------------------------------|---------------|
| Technology                       | LED           |
| Cap/Base                         | N/A           |
| Operating temperature range (°C) | -30°C...+50°C |
| E-number FI                      | 4357105       |
| Warranty                         | 5 years       |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 13000         |
| Luminaire efficacy (lm/W)       | 163           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 25          |
| Photobiological Risk Group      | RG1           |

### ELECTRICAL DATA

|                                                          |                |
|----------------------------------------------------------|----------------|
| Total power consumption (W)                              | 80             |
| Primary Supply/Product voltage - min (V)                 | 220            |
| Lamp power factor                                        | 0.95           |
| Electrical protection                                    | Class I        |
| Control gear required                                    | No             |
| Drive current (mA)                                       | 410            |
| Inrush Current (A)                                       | 77             |
| Inrush Duration (µs)                                     | 102            |
| Glow Wire Test (°C)                                      | 850            |
| Energy Efficiency Class (A->G) of contained light source | C              |
| Nominal Frequency (Hz)                                   | 50/60Hz        |
| LED Flickering Rate                                      | Low (6% - 20%) |
| Max. products per 10A C Breaker                          | 16             |
| Max. products per 20A B Breaker                          | 20             |
| Mains surge immunity (differential mode -> L-N) (kV)     | 6              |

## Granit IP65 DALI 13000lm 840 WB 0039752

|                                                      |   |
|------------------------------------------------------|---|
| Mains surge immunity (common mode -> L/N - GND) (kV) | 6 |
|------------------------------------------------------|---|

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 92000  |
| Lifespan L90 B50 | 51000  |

### PHYSICAL DATA

|                               |                          |
|-------------------------------|--------------------------|
| Housing colour                | RAL 9017 - Traffic black |
| IP rating                     | IP65                     |
| IK rating                     | IK08                     |
| Nominal Product Diameter (mm) | 298                      |
| Weight (kg)                   | 2.243                    |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288397528  |
| Packaging single width (cm)          | 32.5           |
| Packaging single depth (cm)          | 14.5           |
| DUN14 (outer)                        | 05410288397528 |
| Packaging outer length / height (cm) | 32.5           |

### SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -30-50 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |