

Sylvania Granit DALI  
Granit IP65 DALI 13000lm 840 WB  
0039620

Product features

- Integrated LED highbay; Black aluminium housing; 13000 Lm; 93 W; 140 Lm/W; 4000K; Drive current: 1600mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 308 x 179 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                             |
| Housing                         | Aluminium                       |
| Mount                           | Suspended                       |
| Fixture rating                  | Enclosed                        |
| General application             | Logistics & Industry            |
| E-number FI                     | 4357017                         |
| Warranty                        | 5 years                         |
| Fixture luminous flux (lm)      | 13000                           |
| Luminaire efficacy (lm/W)       | 140                             |
| Colour temperature (K)          | 4000                            |
| Light colour                    | Neutral White                   |
| Colour Variation Initial (SDCM) | SDCM3                           |
| Beam Angle (°)                  | 85                              |
| Glare control                   | < 25                            |
| Photobiological Risk Group      | RG1                             |
| Total power consumption (W)     | 93                              |
| Electrical protection           | Class I                         |
| Control gear type               | Other                           |
| Dimmable                        | Yes                             |
| Dimming method                  | DALI                            |
| LED Flickering Rate             | Low (6% - 20%)                  |
| Housing colour                  | Black                           |
| IP rating                       | IP65                            |
| IK rating                       | IK08                            |
| Product EAN number              | 5410288396200                   |

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### DATA TABLE

#### General data

|                                                     |                                 |
|-----------------------------------------------------|---------------------------------|
| Product name                                        | Granit IP65 DALI 13000lm 840 WB |
| Technology                                          | LED                             |
| Housing                                             | Aluminium                       |
| Mount                                               | Suspended                       |
| Fixture rating                                      | Enclosed                        |
| General application                                 | Logistics & Industry            |
| Operating temperature range (°C)                    | -30°C...+50°C                   |
| Performance ambient temperature T <sub>q</sub> (°C) | 25                              |
| E-number FI                                         | 4357017                         |
| Warranty                                            | 5 years                         |

#### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 13000         |
| Luminaire efficacy (lm/W)       | 140           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 85            |
| Glare control                   | < 25          |
| Photobiological Risk Group      | RG1           |

#### Electrical data

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Total power consumption (W)                                    | 93             |
| 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            |
| Dimming method                                                 | DALI           |
| Inrush Current (A)                                             | 72.08          |
| 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                              | 5              |
| Max. Luminaires per 13A C Breaker                              | 6              |
| Max. Luminaires per 10A B Breaker                              | 5              |
| Max. Luminaires per 16A B Breaker                              | 8              |
| Max. Luminaires per 20A B Breaker                              | 8              |

#### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 90000 |
|------------------|-------|

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|                  |       |
|------------------|-------|
| 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 Diameter (mm) | 308              |
| Weight (kg)                   | 2.78             |

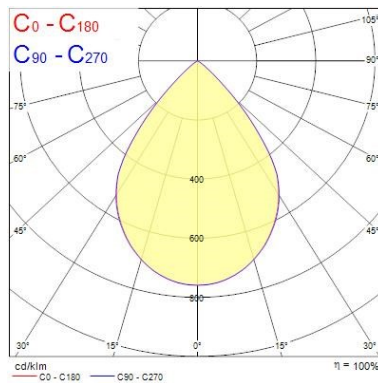
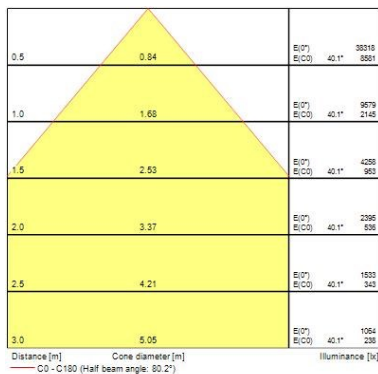
### Packaging

|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288396200 |
| Packaging single length / height (cm) | 37.0          |
| Packaging single width (cm)           | 37.0          |
| Packaging single depth (cm)           | 18.0          |
| Units per outer package               | 1             |
| Packaging outer width (cm)            | 37.0          |
| Packaging outer depth (cm)            | 18.0          |

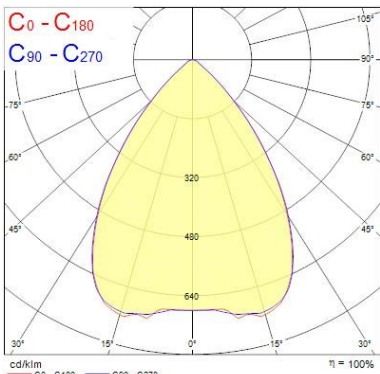
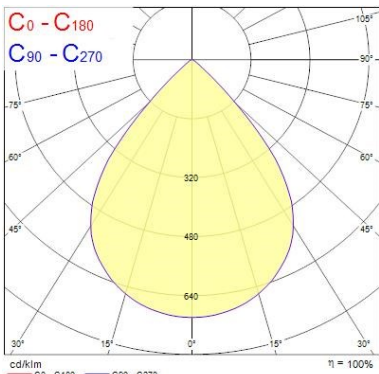
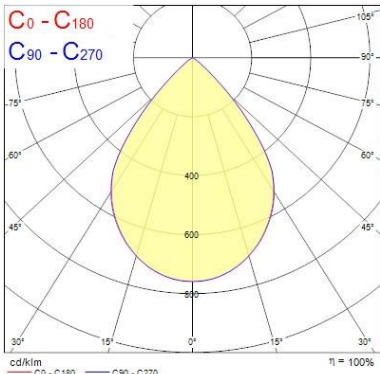
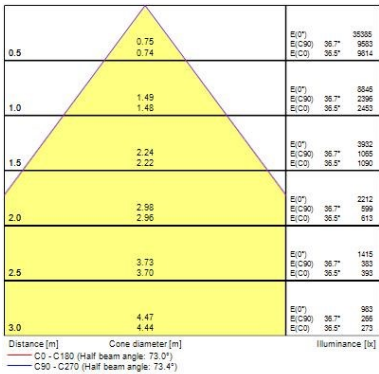
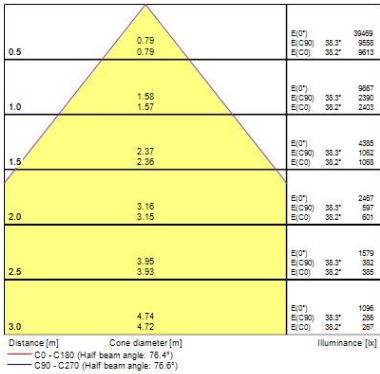
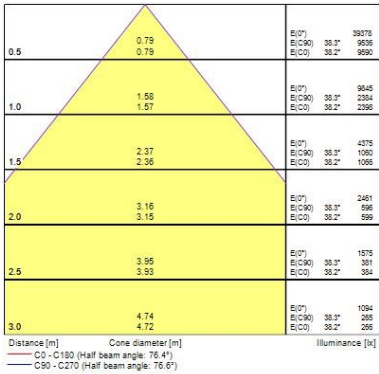
### Safety data

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

## PHOTOMETRY



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TECHNICAL DRAWINGS

