

Features

- Integrated LED highbay; Black aluminium housing; 13000Lm; 93 W; 140 Lm/W; 4000K; Drive current: 1600mA; CRI 80; 55° 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.

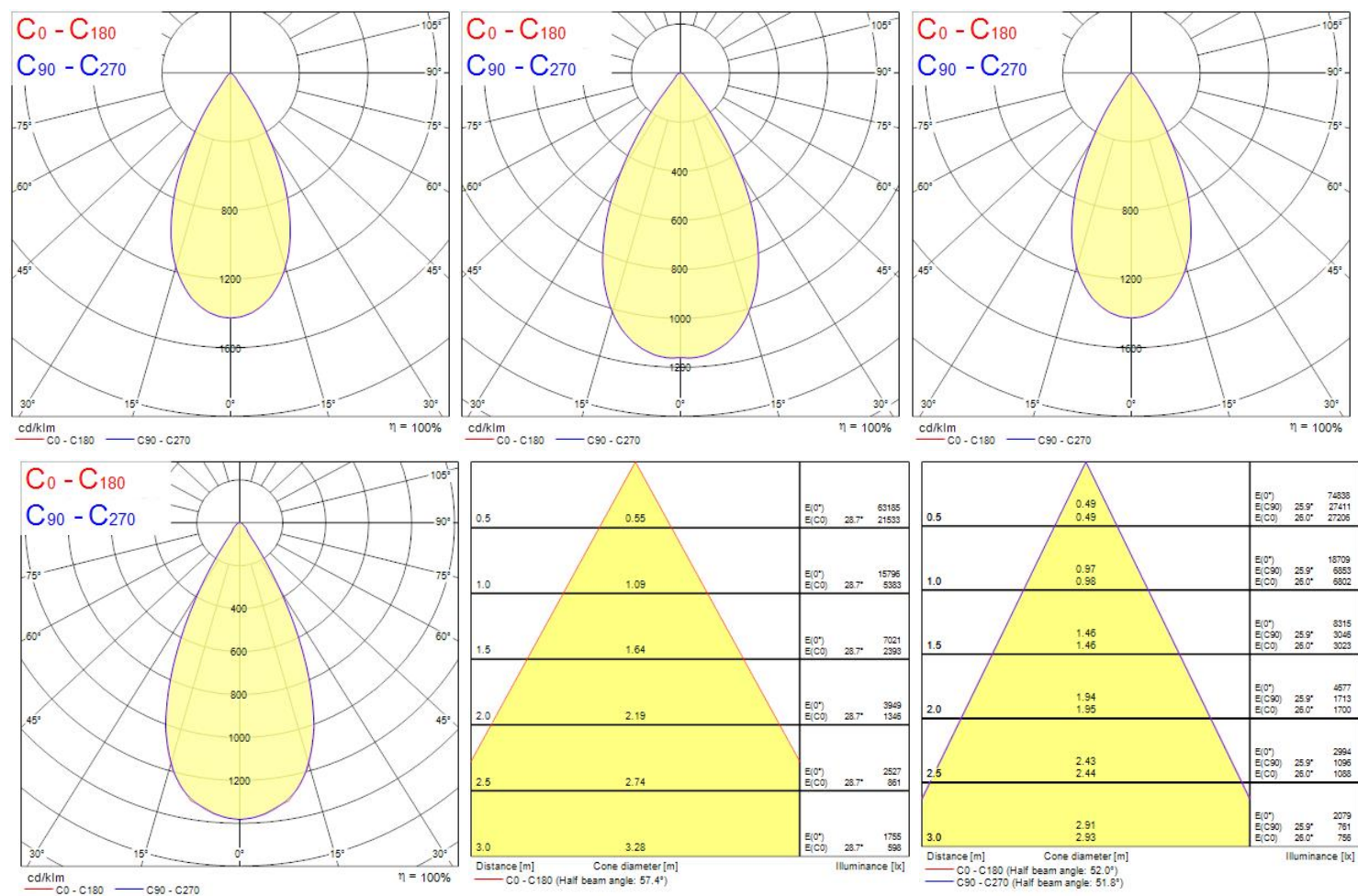
Product Overview

|                                 |                                 |
|---------------------------------|---------------------------------|
| Product name                    | Granit IP65 DALI 13000lm 840 MB |
| Technology                      | LED                             |
| Housing                         | Aluminium                       |
| Mount                           | Suspended                       |
| Fixture rating                  | Enclosed                        |
| E-number FI                     | 4357014                         |
| Fixture luminous flux (lm)      | 13000                           |
| Luminaire efficacy (lm/W)       | 140                             |
| Colour temperature (K)          | 4000                            |
| Light colour                    | Neutral White                   |
| CRI (Ra)                        | 80                              |
| Colour Variation Initial (SDCM) | 3                               |
| Glare control                   | < 22                            |
| Photobiological Risk Group      | RG1                             |
| Total power consumption (W)     | 93                              |
| Electrical protection           | Class I                         |

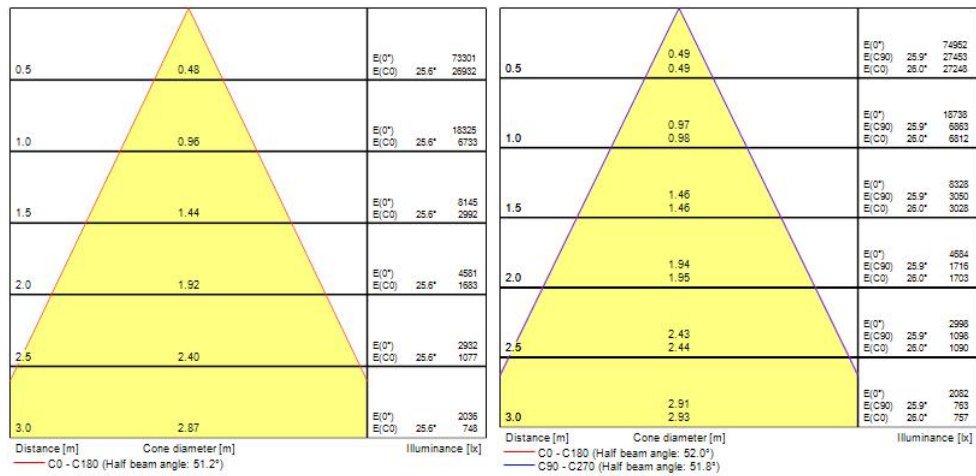
Granit IP65 DALI 13000lm 840 MB  
0039617

|                     |                             |
|---------------------|-----------------------------|
| Control gear type   | LED driver constant current |
| LED Flickering Rate | Low (6% - 20%)              |
| Housing colour      | Black                       |
| IP rating           | IP65                        |
| IK rating           | IK08                        |
| Product EAN number  | 5410288396170               |
| Warranty            | 5 years                     |

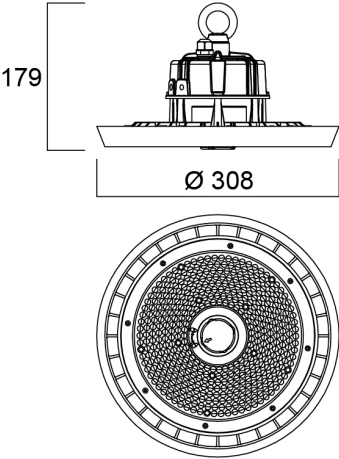
Photometry



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Technical drawings



Data table

GENERAL DATA

|              |                                 |
|--------------|---------------------------------|
| Product name | Granit IP65 DALI 13000lm 840 MB |
| Technology   | LED                             |
| Housing      | Aluminium                       |
| Mount        | Suspended                       |

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|                                         |               |
|-----------------------------------------|---------------|
| Fixture rating                          | Enclosed      |
| Operating temperature range (°C)        | -30°C...+50°C |
| Performance ambient temperature Tq (°C) | 25            |
| E-number FI                             | 4357014       |
| Warranty                                | 5 years       |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 13000         |
| Luminaire efficacy (lm/W)       | 140           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 22          |
| Photobiological Risk Group      | RG1           |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 93                          |
| Lamp power factor                                        | 0.95                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 1600                        |
| Inrush Current (A)                                       | 72.08                       |
| Inrush Duration (µs)                                     | 540                         |
| 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. products per 10A C Breaker                          | 10                          |
| Max. products per 20A B Breaker                          | 12                          |

## Granit IP65 DALI 13000lm 840 MB 0039617

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L70 B20 | 90000 |
| Lifespan L70 B10 | 90000 |
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 70000 |
| Lifespan L80 B10 | 65000 |
| Lifespan L90 B50 | 45000 |
| Lifespan L90 B20 | 35000 |
| Lifespan L90 B10 | 30000 |

### 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                   | 5410288396170  |
| Packaging single width (cm)          | 37.0           |
| Packaging single depth (cm)          | 18.0           |
| DUN14 (outer)                        | 05410288396170 |
| Packaging outer length / height (cm) | 37.0           |

### SAFETY DATA

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

# **SYLVANIA**

Granit IP65 DALI 13000lm 840 MB

**0039617**

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