

## Sylvania Granit DALI - NEW

Granit IP65 DALI 13000lm 840 WB  
0039752



### Product 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                             |
| General application             | Logistics & Industry            |
| ETIM Class                      | EC001716                        |
| E-number FI                     | 4357105                         |
| Warranty                        | 5 years                         |
| 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) | SDCM3                           |
| Beam Angle (°)                  | 85                              |
| Glare control                   | < 25                            |
| Photobiological Risk Group      | RG1                             |
| Total power consumption (W)     | 80                              |
| Electrical protection           | Class I                         |
| Dimmable                        | Yes                             |
| Dimming method                  | DALI-2                          |
| LED Flickering Rate             | Low (6% - 20%)                  |
| Housing colour                  | RAL 9017 - Traffic black        |
| IP rating                       | IP65                            |
| IK rating                       | IK08                            |
| Product EAN number              | 5410288397528                   |

### DATA TABLE

#### General data

|                                  |                                 |
|----------------------------------|---------------------------------|
| Product name                     | Granit IP65 DALI 13000lm 840 WB |
| Technology                       | LED                             |
| General application              | Logistics & Industry            |
| Operating temperature range (°C) | -30°C...+50°C                   |
| ETIM Class                       | EC001716                        |

## Sylvania Granit DALI - NEW

Granit IP65 DALI 13000lm 840 WB  
0039752

|             |         |
|-------------|---------|
| 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) | SDCM3         |
| Beam Angle (°)                  | 85            |
| Distribution type               | Symmetric     |
| Glare control                   | < 25          |
| Photobiological Risk Group      | RG1           |

### Electrical data

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Total power consumption (W)                                    | 80             |
| Mains voltage (V)                                              | 220-240V       |
| Lamp power factor                                              | 0.95           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 15             |
| Electrical protection                                          | Class I        |
| No. Of switching cycles before premature failures              | >100000        |
| Dimmable                                                       | Yes            |
| Dimming method                                                 | DALI-2         |
| 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. Luminaires per 10A C Breaker                              | 16             |
| Max. Luminaires per 13A C Breaker                              | 20             |
| Max. Luminaires per 16A C Breaker                              | 27             |
| Max. Luminaires per 20A C Breaker                              | 32             |
| Max. Luminaires per 10A B Breaker                              | 10             |
| Max. Luminaires per 13A B Breaker                              | 12             |
| Max. Luminaires per 16A B Breaker                              | 16             |
| Max. Luminaires per 20A B Breaker                              | 20             |
| Mains surge immunity (differential mode - > L-N) (kV)          | 6              |
| Mains surge immunity (common mode -> L/N - GND) (kV)           | 6              |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 82000 |

## Sylvania Granit DALI - NEW

Granit IP65 DALI 13000lm 840 WB  
0039752

|                  |       |
|------------------|-------|
| Lifespan L90 B50 | 44000 |
|------------------|-------|

### Physical data

|                               |                          |
|-------------------------------|--------------------------|
| Housing colour                | RAL 9017 - Traffic black |
| IP rating                     | IP65                     |
| IK rating                     | IK08                     |
| Nominal Product Height (mm)   | 168                      |
| Nominal Product Diameter (mm) | 298                      |
| Weight (kg)                   | 2.243                    |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288397528  |
| Packaging single length / height (cm) | 32.5           |
| Packaging single width (cm)           | 32.5           |
| Packaging single depth (cm)           | 14.5           |
| DUN14 (outer)                         | 05410288397528 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 32.5           |
| Packaging outer width (cm)            | 32.5           |
| Packaging outer depth (cm)            | 14.5           |

### Safety data

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

## PHOTOMETRY

