

Features

- Integrated LED highbay; Black aluminium housing; 13000 Lm; 80 W; 163 Lm/W; 4000K; Drive current: 1560mA; CRI 80; 55° beam angle; Sylsmart SSA - Connected; IP65; Lifespan L80:B20 92,000 hrs; suspension wires included. Lampshades cannot be used for Granit SSA luminaires, as it disturbs the signal for the sensor.

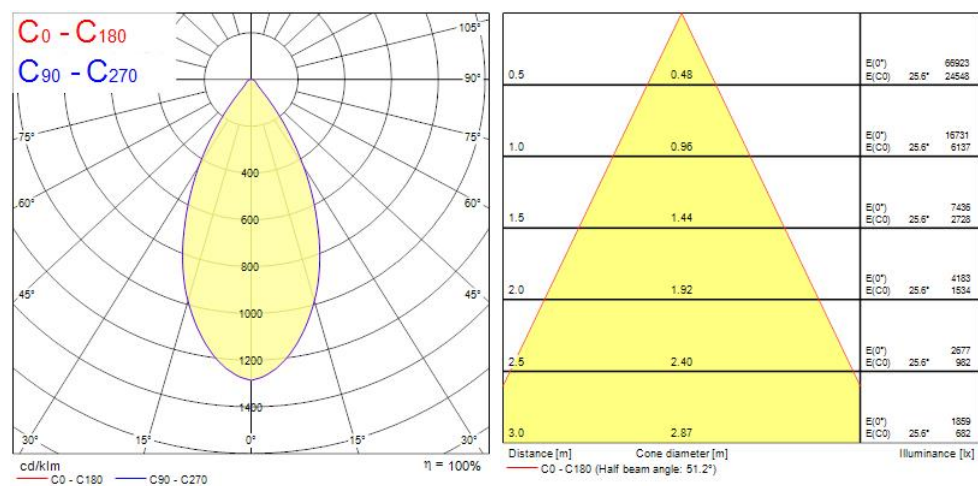
Product Overview

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Product name                      | Sylvania GRANIT IP65 13000LM 840 MB SSA |
| Technology                        | LED                                     |
| Cap/Base                          | N/A                                     |
| Mount                             | Ceiling surface mounting, Suspended     |
| General application               | Logistics & Industry                    |
| ETIM Class                        | EC001716                                |
| Fixture luminous flux (lm)        | 13000                                   |
| Luminaire efficacy (lm/W)         | 163                                     |
| Correlated colour temperature (k) | 4000                                    |
| Light colour                      | Neutral White                           |
| CRI (Ra)                          | 80                                      |
| Colour Variation Initial (SDCM)   | 3                                       |
| Beam Angle (°)                    | 55                                      |
| Glare control                     | < 22                                    |
| Photobiological Risk Group        | RG1                                     |
| Total power consumption (W)       | 80                                      |
| Electrical protection             | Class I                                 |
| Control gear type                 | LED driver constant current             |
| Dimmable                          | Yes                                     |
| LED Flickering Rate               | Low (6% - 20%)                          |

Sylvania GRANIT IP65 13000LM 840 MB SSA  
0038766

|                    |               |
|--------------------|---------------|
| Housing colour     | RAL9017       |
| IP rating          | IP65          |
| IK rating          | IK08          |
| Product EAN number | 5410288387666 |
| Warranty           | 5 years       |
| Dimming method     | SylSmart SSA  |

Photometry



Data table

GENERAL DATA

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Product name                     | Sylvania GRANIT IP65 13000LM 840 MB SSA |
| Technology                       | LED                                     |
| Cap/Base                         | N/A                                     |
| Mount                            | Ceiling surface mounting, Suspended     |
| General application              | Logistics & Industry                    |
| Operating temperature range (°C) | -20°C...+40°C                           |
| ETIM Class                       | EC001716                                |
| Warranty                         | 5 years                                 |

OPTICAL DATA

## Sylvania GRANIT IP65 13000LM 840 MB SSA 0038766

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 13000         |
| Luminaire efficacy (lm/W)         | 163           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Beam Angle (°)                    | 55            |
| Distribution type                 | Symmetric     |
| Glare control                     | < 22          |
| Photobiological Risk Group        | RG1           |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 80                          |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.90                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| No. Of switching cycles before premature failures                | >100000                     |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart SSA                |
| Drive current (mA)                                               | 1560                        |
| Inrush Current (A)                                               | 123                         |
| Inrush Duration (µs)                                             | 132                         |
| 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                                  | 8                           |
| Max. products per 13A C Breaker                                  | 9                           |
| Max. products per 16A C Breaker                                  | 14                          |

## Sylvania GRANIT IP65 13000LM 840 MB SSA 0038766

|                                                         |    |
|---------------------------------------------------------|----|
| Max. products per 20A C Breaker                         | 17 |
| Max. products per 10A B Breaker                         | 5  |
| Max. products per 13A B Breaker                         | 7  |
| Max. products per 16A B Breaker                         | 8  |
| Max. products per 20A B Breaker                         | 10 |
| Mains surge immunity (differential mode<br>-> L-N) (kV) | 6  |
| Mains surge immunity (common mode -><br>L/N - GND) (kV) | 10 |

### LIFETIME DATA

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

### PHYSICAL DATA

|                               |         |
|-------------------------------|---------|
| Housing colour                | RAL9017 |
| IP rating                     | IP65    |
| IK rating                     | IK08    |
| IK rating of sensor           | IK03    |
| Nominal Product Height (mm)   | 168     |
| Nominal Product Diameter (mm) | 298     |
| Weight (kg)                   | 2.908   |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288387666  |
| Packaging single length / height (cm) | 32.5           |
| Packaging single width (cm)           | 32.5           |
| Packaging single depth (cm)           | 13.0           |
| DUN14 (inner)                         | 05410288387666 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 32.5           |
| Packaging outer width (cm)            | 32.5           |
| Packaging outer depth (cm)            | 13.0           |



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SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 650    |
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |