

Sylvania Granit 0-10V  
Granit IP65 0-10V 13000lm 865 WB  
0039598

Product features

- Integrated LED highbay; Black aluminium housing; 12700Lm; 90 W; 141 Lm/W; 6500K; Drive current: 780mA; CRI 80; 85° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 308 x 166 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.



PRODUCT OVERVIEW

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product name                    | Granit IP65 0-10V 13000lm 865 WB |
| Technology                      | LED                              |
| Housing                         | Aluminium                        |
| Mount                           | Suspended                        |
| Fixture rating                  | Enclosed                         |
| General application             | Logistics & Industry             |
| ETIM Class                      | EC001716                         |
| E-number FI                     | 4357008                          |
| Warranty                        | 5 years                          |
| Fixture luminous flux (lm)      | 12700                            |
| Luminaire efficacy (lm/W)       | 141                              |
| Colour temperature (K)          | 6500                             |
| Light colour                    | Cool White                       |
| CRI (Ra)                        | 80                               |
| Colour Variation Initial (SDCM) | SDCM3                            |
| Beam Angle (°)                  | 85                               |
| Glare control                   | < 25                             |
| Photobiological Risk Group      | RG1                              |
| Total power consumption (W)     | 90                               |
| Electrical protection           | Class I                          |
| Control gear type               | Other                            |
| Dimmable                        | Yes                              |
| Dimming method                  | 0-10V                            |
| LED Flickering Rate             | Ultra low (5% or less)           |
| Housing colour                  | Black                            |
| IP rating                       | IP65                             |
| IK rating                       | IK08                             |

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Product EAN number

5410288395982

### DATA TABLE

#### General data

|                                                     |                                  |
|-----------------------------------------------------|----------------------------------|
| Product name                                        | Granit IP65 0-10V 13000lm 865 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                               |
| ETIM Class                                          | EC001716                         |
| E-number FI                                         | 4357008                          |
| Warranty                                            | 5 years                          |

#### Optical data

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 12700      |
| Luminaire efficacy (lm/W)       | 141        |
| Colour temperature (K)          | 6500       |
| Light colour                    | Cool White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | SDCM3      |
| Beam Angle (°)                  | 85         |
| Glare control                   | < 25       |
| Photobiological Risk Group      | RG1        |

#### Electrical data

|                                                                |                        |
|----------------------------------------------------------------|------------------------|
| Total power consumption (W)                                    | 90                     |
| Mains voltage (V)                                              | 220-240V               |
| Lamp power factor                                              | 1                      |
| 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                                                 | 0-10V                  |
| Drive current (mA)                                             | 780                    |
| Inrush Current (A)                                             | 56.6                   |
| Inrush Duration (µs)                                           | 140                    |
| Glow Wire Test (°C)                                            | 850                    |
| Energy Efficiency Class (A->G) of contained light source       | E                      |
| Nominal Frequency (Hz)                                         | 50/60Hz                |
| LED Flickering Rate                                            | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker                              | 12                     |
| Max. Luminaires per 13A C Breaker                              | 15                     |

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|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 16A C Breaker | 20 |
| Max. Luminaires per 20A C Breaker | 24 |
| Max. Luminaires per 10A B Breaker | 7  |
| Max. Luminaires per 13A B Breaker | 9  |
| Max. Luminaires per 16A B Breaker | 12 |
| Max. Luminaires per 20A B Breaker | 14 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 90000 |
| 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 Length (mm)   | 308              |
| Nominal Product Width (mm)    | 308              |
| Nominal Product Height (mm)   | 166              |
| Nominal Product Diameter (mm) | 308              |
| Weight (kg)                   | 2.43             |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288395982  |
| Packaging single length / height (cm) | 37.0           |
| Packaging single width (cm)           | 37.0           |
| Packaging single depth (cm)           | 18.0           |
| DUN14 (outer)                         | 05410288395982 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 37.0           |
| Packaging outer width (cm)            | 37.0           |
| Packaging outer depth (cm)            | 18.0           |

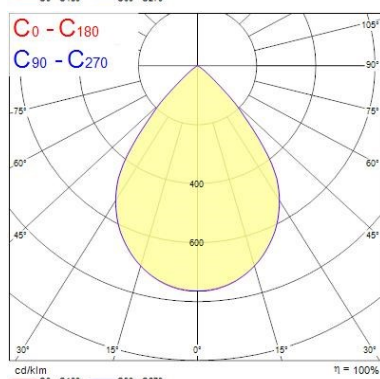
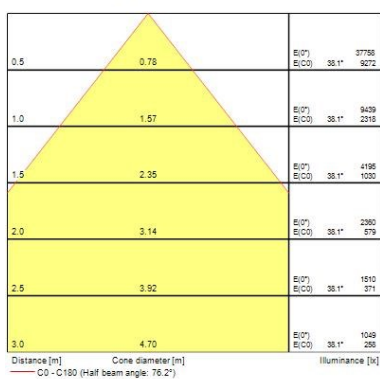
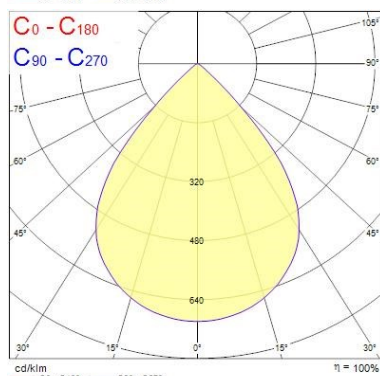
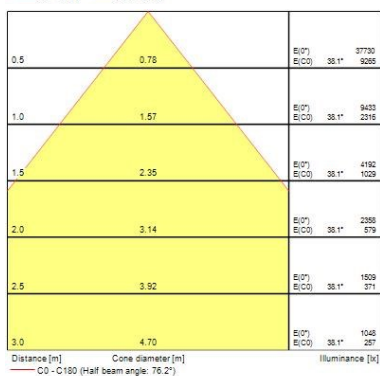
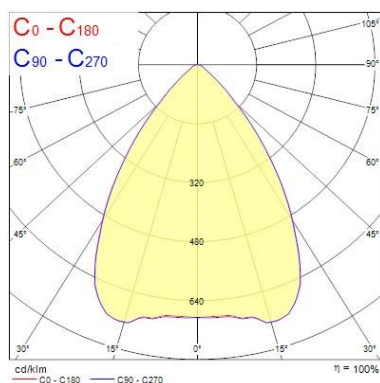
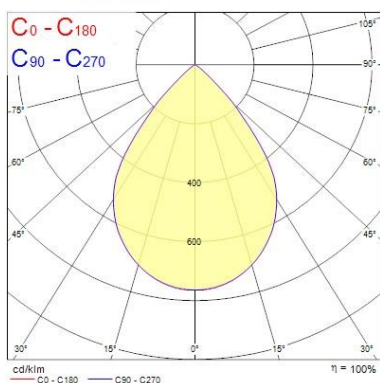
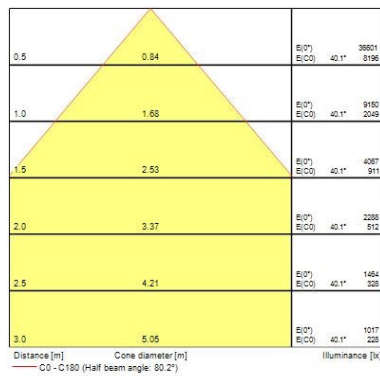
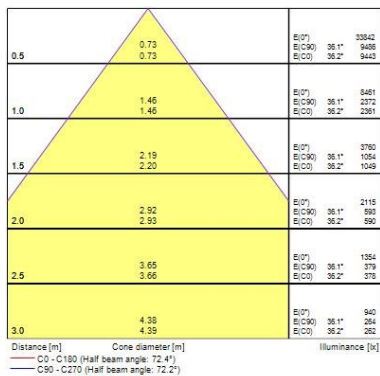
### Safety data

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

## PHOTOMETRY

## Sylvania Granit 0-10V

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## Sylvania Granit 0-10V

*Granit IP65 0-10V 13000lm 865 WB*

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### TECHNICAL DRAWINGS

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