

## 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
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
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
Product EAN number	5410288395982

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### 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 Tq (°C)	25
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
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
Inrush Current (A)	56.6
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
Max. Luminaires per 10A B Breaker	7
Max. Luminaires per 16A B Breaker	12
Max. Luminaires per 20A B Breaker	14

#### 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)	2.43

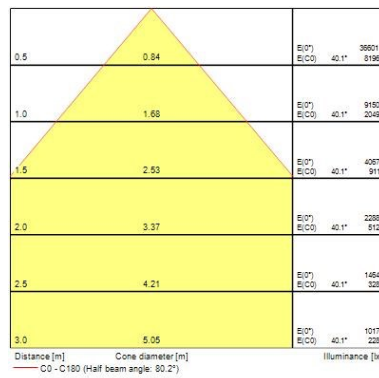
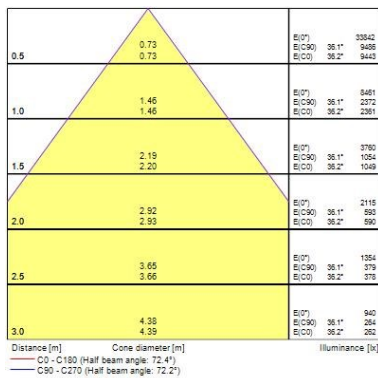
### Packaging

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
Units per outer package	1
Packaging outer width (cm)	37.0
Packaging outer depth (cm)	18.0

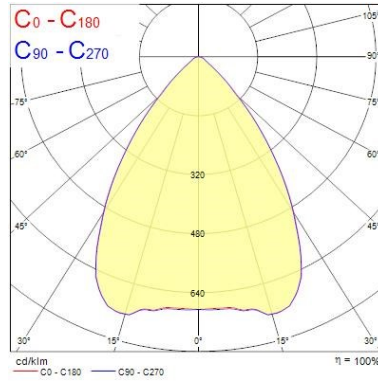
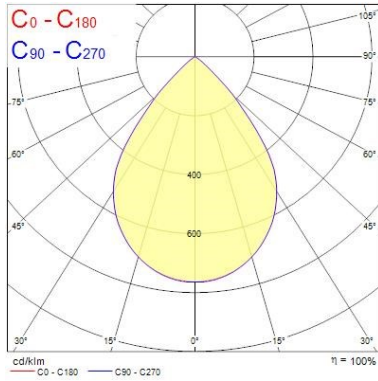
### Safety data

Optimal operating condition (°C)	-30-50
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## PHOTOMETRY

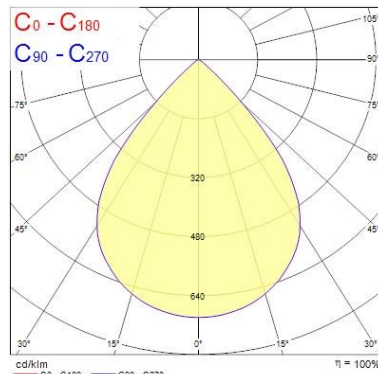


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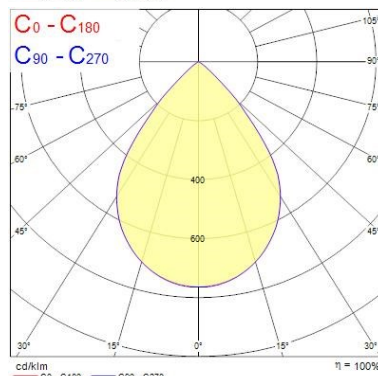
0.5	0.78	E(0°) E(C0)	3730 9285
1.0	1.57	E(0°) E(C0)	9420 2316
1.5	2.35	E(0°) E(C0)	4192 1029
2.0	3.14	E(0°) E(C0)	2588 679
2.5	3.92	E(0°) E(C0)	1509 371
3.0	4.70	E(0°) E(C0)	1048 267

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 76.2°)



0.5	0.78	E(0°) E(C0)	3758 9272
1.0	1.57	E(0°) E(C0)	9429 2316
1.5	2.35	E(0°) E(C0)	4196 1030
2.0	3.14	E(0°) E(C0)	2590 679
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3.0	4.70	E(0°) E(C0)	1048 267

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 76.2°)



### TECHNICAL DRAWINGS

