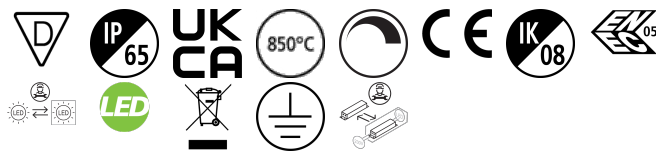


Sylvania Granit 0-10V
Granit IP65 0-10V 13000lm 840 WB
0039595

Product features

- Integrated LED highbay; Black aluminium housing; 13000Lm; 90 W; 144 Lm/W; 4000K; 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 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
E-number FI	4357005
Warranty	5 years
Fixture luminous flux (lm)	13000
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral 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	5410288395951

Sylvania Granit 0-10V

Granit IP65 0-10V 13000lm 840 WB

0039595

DATA TABLE

General data

Product name	Granit IP65 0-10V 13000lm 840 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	4357005
Warranty	5 years

Optical data

Fixture luminous flux (lm)	13000
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral 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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Sylvania Granit 0-10V

Granit IP65 0-10V 13000lm 840 WB
0039595

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

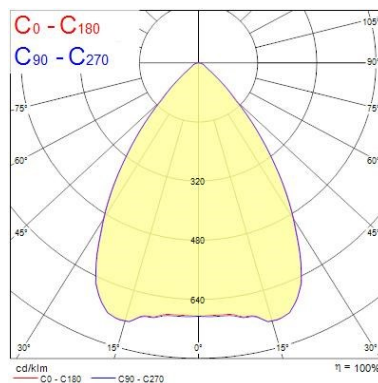
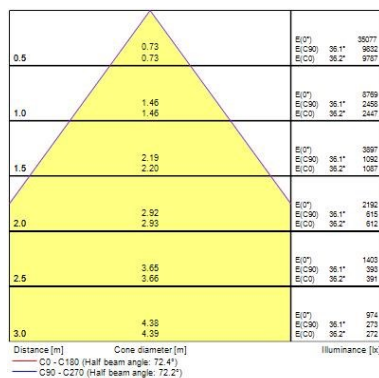
Packaging

Single packaging type	Carton
Product EAN number	5410288395951
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

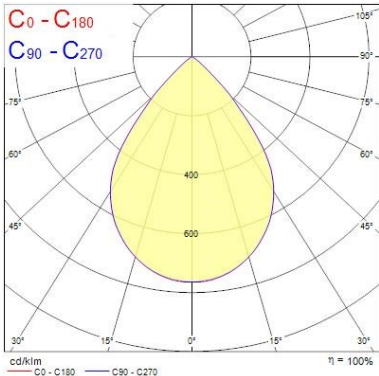
Safety data

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

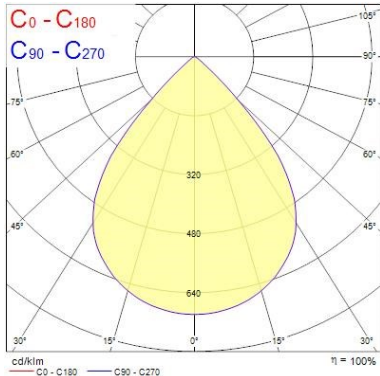


Sylvania Granit 0-10V
Granit IP65 0-10V 13000lm 840 WB
0039595



0.5	0.78	E(0°) E(C0)	39188 9622
1.0	1.57	E(0°) E(C0)	9796 2406
1.5	2.35	E(0°) E(C0)	4354 1089
2.0	3.14	E(0°) E(C0)	2449 601
2.5	3.92	E(0°) E(C0)	1567 388
3.0	4.70	E(0°) E(C0)	1088 267

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

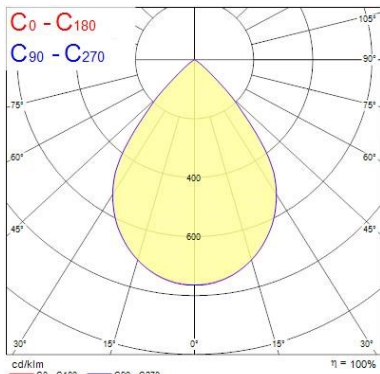


0.5	0.84	E(0°) E(C0)	37969 8803
1.0	1.68	E(0°) E(C0)	9492 2152
1.5	2.53	E(0°) E(C0)	4219 945
2.0	3.37	E(0°) E(C0)	2373 581
2.5	4.21	E(0°) E(C0)	1519 340
3.0	5.05	E(0°) E(C0)	1055 236

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 80.2°)

0.5	0.78	E(0°) E(C0)	39240 9636
1.0	1.57	E(0°) E(C0)	9810 2409
1.5	2.35	E(0°) E(C0)	4380 1071
2.0	3.14	E(0°) E(C0)	2453 602
2.5	3.92	E(0°) E(C0)	1570 385
3.0	4.70	E(0°) E(C0)	1090 268

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



TECHNICAL DRAWINGS

