



Features

- Integrated LED highbay; Black aluminium housing; 13000 Lm; 80 W; 163 Lm/W; 4000K; Drive current: 1560mA; CRI 80; 85° 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.

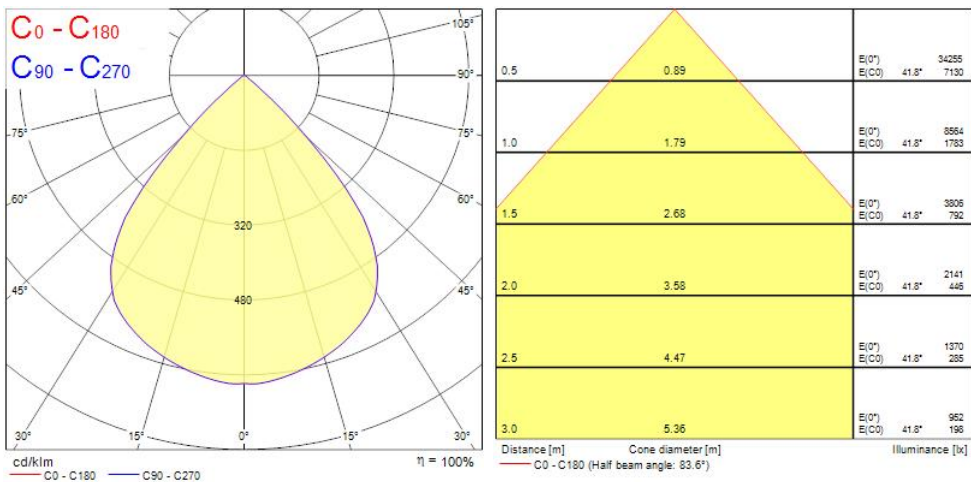
Product Overview

Product name	Sylvania GRANIT IP65 13000LM 840 WB 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 (°)	85
Glare control	< 25
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%)

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Housing colour	RAL9017
IP rating	IP65
IK rating	IK08
Product EAN number	5410288387697
Warranty	5 years
Dimming method	SylSmart SSA

Photometry



Data table

GENERAL DATA

Product name	Sylvania GRANIT IP65 13000LM 840 WB 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

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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 (°)	85
Distribution type	Symmetric
Glare control	< 25
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

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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 -> L-N) (kV)	6
Mains surge immunity (common mode -> 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	5410288387697
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	13.0
DUN14 (inner)	05410288387697
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