

# Sylvania GRANIT IP65 32000LM 840 WB SSA

Item No: 0038772

**SYLVANIA**

**PRO**<sup>TM</sup>



Integrated LED highbay; Black aluminium housing; 32000 Lm; 200 W; 160 Lm/W; 4000K; Drive current: 3900 mA; 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.

## Technical Assets

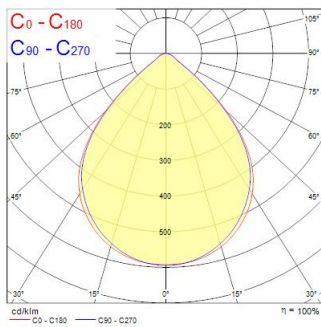
### Photometrics

0.5	0.52 0.84	E107 E1000 E1000	76033 15206 14204
1.0	1.05 1.68	E107 E1000 E1000	19009 38014 3601
1.5	2.37 2.03	E107 E1000 E1000	8447 16896 1638
2.0	3.69 3.77	E107 E1000 E1000	4781 9561 900
2.5	4.61 4.71	E107 E1000 E1000	3041 6081 589
3.0	5.54 5.65	E107 E1000 E1000	2112 4224 409

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 86.9°)

— C90 - C270 (Half beam angle: 85.4°)



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## General data

Product name	Sylvania GRANIT IP65 32000LM 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

Fixture luminous flux (lm)	32000
Luminaire efficacy (lm/W)	160
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

## Electrical data

Total power consumption (W)	200
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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 type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Drive current (mA)	3900
Inrush Current (A)	103
Inrush Duration (µs)	584
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	5
Max. products per 13A C Breaker	6
Max. products per 16A C Breaker	8
Max. products per 20A C Breaker	10
Max. products per 10A B Breaker	3
Max. products per 13A B Breaker	4
Max. products per 16A B Breaker	5
Max. products per 20A B Breaker	6
Mains surge immunity (differential mode -> L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	10

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## Lifetime data

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

## Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08
IK rating of sensor	IK03
Nominal Product Height (mm)	163
Nominal Product Diameter (mm)	370
Weight (kg)	3.407

## Packaging

Product EAN number	5410288387727
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	13.0
DUN14 (inner)	05410288387727
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	13.0

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40