

## Sylvania Granit DALI - NEW

Granit IP65 DALI 19500lm 840 WB  
0039753



### Product features

- Integrated LED highbay; Black aluminium housing; 19500lm; 120 W; 163 Lm/W; 4000K; Drive current: 470mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 298 x 168 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.



### PRODUCT OVERVIEW

Product name	Granit IP65 DALI 19500lm 840 WB
Technology	LED
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357106
Warranty	5 years
Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	163
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	120
Electrical protection	Class I
Dimmable	Yes
Dimming method	DALI-2
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288397535

### DATA TABLE

#### General data

Product name	Granit IP65 DALI 19500lm 840 WB
Technology	LED
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
ETIM Class	EC001716

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E-number FI	4357106
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	163
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)	120
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
Electrical protection	Class I
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	470
Inrush Current (A)	77
Inrush Duration (µs)	102
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	16
Max. Luminaires per 13A C Breaker	20
Max. Luminaires per 16A C Breaker	27
Max. Luminaires per 20A C Breaker	32
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	16
Max. Luminaires per 20A B Breaker	20
Mains surge immunity (differential mode - > L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	6

### Lifetime data

Lifespan L80 B50	90000
Lifespan L80 B20	82000

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Lifespan L90 B50	44000
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### Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08
Nominal Product Height (mm)	168
Nominal Product Diameter (mm)	298
Weight (kg)	2.243

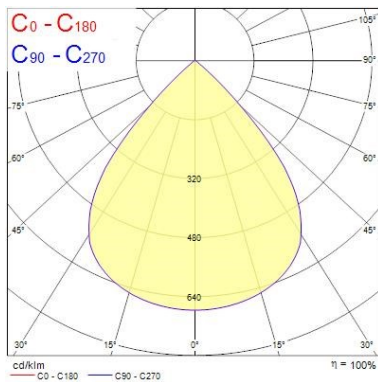
### Packaging

Single packaging type	Carton
Product EAN number	5410288397535
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	14.5
DUN14 (outer)	05410288397535
Units per outer package	1
Packaging outer length / height (cm)	32.5
Packaging outer width (cm)	32.5
Packaging outer depth (cm)	14.5

### Safety data

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



Distance [m]	Cone diameter [m]	E [lm]	E [lx]
0.5	0.87	5270	1136
1.0	1.74	1319	284
1.5	2.61	880	189
2.0	3.48	659	145
2.5	4.35	504	110
3.0	5.22	416	91

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 82.0°)