

# Sylvania Granit IP65 DALI 13000lm 840 WB

Item No: 0039752

**SYLVANIA**

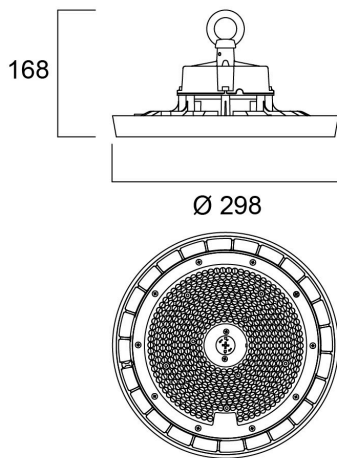
**PRO**<sup>TM</sup>



Integrated LED highbay; Black aluminium housing; 13000lm; 80 W; 163 Lm/W; 4000K; Drive current: 410mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B20 92,000 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.

## Technical Assets

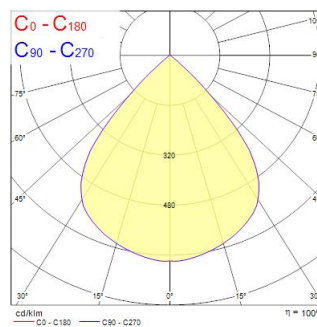
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)	E(180°)
0.5	0.89	3426	813	418	710
1.0	1.79	854	203	104	178
1.5	2.68	386	96	49	79
2.0	3.58	241	60	31	48
2.5	4.47	170	43	22	36
3.0	5.36	132	33	17	28

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 83.6°)



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## General data

Product name	Sylvania Granit IP65 DALI 13000lm 840 WB
Technology	LED
Cap/Base	N/A
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
ETIM Class	EC001716
E-number FI	4357105
Warranty	5 years

## Optical data

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)	SDCM3
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)	240.0
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)	410
Inrush Current (A)	77
Inrush Duration (µs)	102
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	16
Max. products per 13A C Breaker	20
Max. products per 16A C Breaker	27
Max. products per 20A C Breaker	32
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	12
Max. products per 16A B Breaker	16
Max. products 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 L70 B50	120000
Lifespan L80 B20	92000
Lifespan L90 B50	51000

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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)	2.18

## Packaging

Product EAN number	5410288397528
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	14.5
DUN14 (inner)	05410288397528
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

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-30-50