

Features

- Integrated LED highbay; Black aluminium housing; 13000Lm; 80 W; 163 Lm/W; 4000K; Drive current: 410mA; CRI 80; 85° beam angle; 0-10V 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.

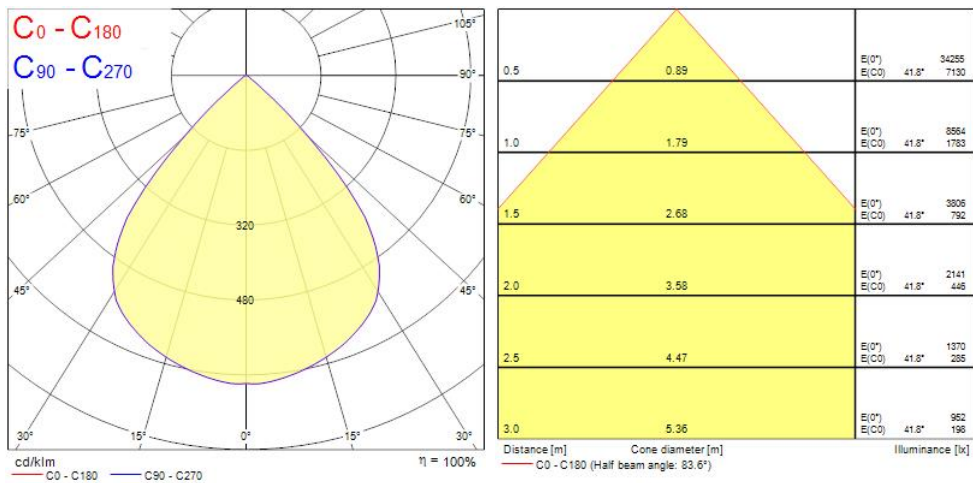
Product Overview

Product name	Sylvania Granit IP65 0-10V 13000lm 840 WB
Technology	LED
Cap/Base	N/A
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357099
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
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017

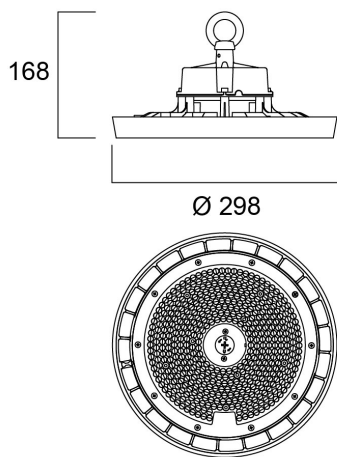
Sylvania Granit IP65 0-10V 13000lm 840 WB
0039733

IP rating	IP65
IK rating	IK08
Product EAN number	5410288397337
Warranty	5 years
Dimming method	0-10V

Photometry



Technical drawings



Sylvania Granit IP65 0-10V 13000lm 840 WB 0039733

Data table

GENERAL DATA

Product name	Sylvania Granit IP65 0-10V 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	4357099
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)	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	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear required	No

Sylvania Granit IP65 0-10V 13000lm 840 WB 0039733

No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	0-10V
Drive current (mA)	410
Inrush Current (A)	80
Inrush Duration (µs)	300
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	9
Max. products per 20A C Breaker	11
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)	6

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
Nominal Product Height (mm)	168



Sylvania Granit IP65 0-10V 13000lm 840 WB
0039733

Nominal Product Diameter (mm)	298
Weight (kg)	2.243

PACKAGING

Product EAN number	5410288397337
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	14.5
DUN14 (inner)	05410288397337
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No