



Features

- Integrated LED highbay; Black aluminium housing; 13000Lm; 80 W; 163 Lm/W; 4000K; Drive current: 410mA; CRI 80; 55° 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.

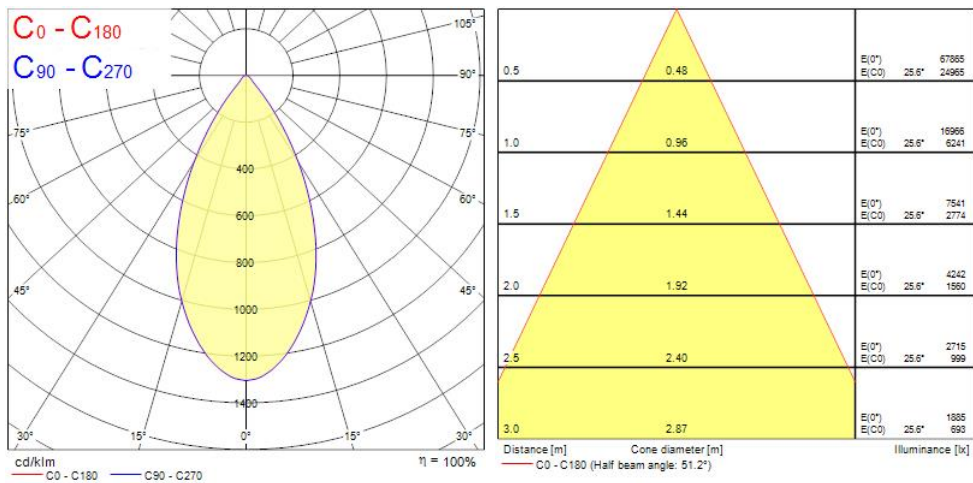
Product Overview

Product name	Sylvania Granit IP65 0-10V 13000lm 840 MB
Technology	LED
Cap/Base	N/A
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357096
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 (°)	55
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	80
Electrical protection	Class I
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017

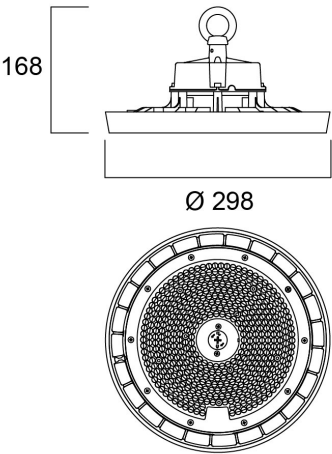
Sylvania Granit IP65 0-10V 13000lm 840 MB
0039730

IP rating	IP65
IK rating	IK08
Product EAN number	5410288397306
Warranty	5 years
Dimming method	0-10V

Photometry



Technical drawings





Sylvania Granit IP65 0-10V 13000lm 840 MB
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Data table

GENERAL DATA

Product name	Sylvania Granit IP65 0-10V 13000lm 840 MB
Technology	LED
Cap/Base	N/A
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
ETIM Class	EC001716
E-number FI	4357096
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 (°)	55
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	80
Primary Supply/Product voltage - min (V)	220
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

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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	7
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



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

PACKAGING

Product EAN number	5410288397306
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	14.5
DUN14 (inner)	05410288397306
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