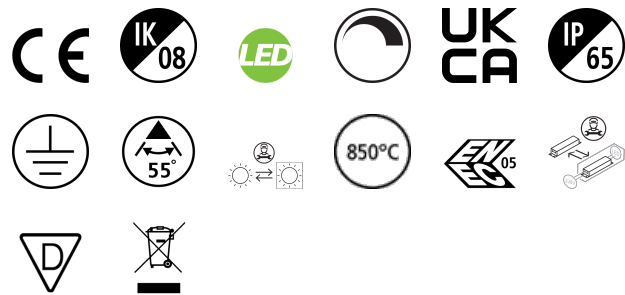


Sylvania Granit IP65 0-10V 13000lm 840 MB

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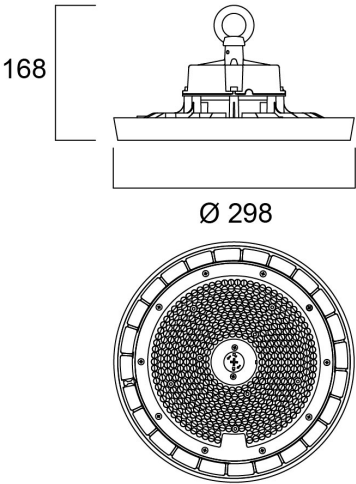


PRO



Technical Assets

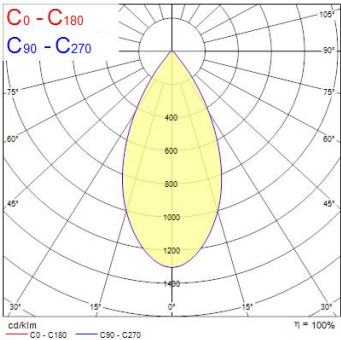
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C0) [lx]	E(C90) [lx]
0.5	0.48	67085	24965	24965
1.0	0.96	16965	6241	6241
1.5	1.44	7541	2774	2774
2.0	1.92	4242	1580	1580
2.5	2.40	2715	999	999
3.0	2.87	1885	695	695

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 51.2°)



Sylvania Granit IP65 0-10V 13000lm 840 MB

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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)	SDCM3
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
Lamp power factor	0.95
Electrical protection	Class I
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 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	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08
Nominal Product Height (mm)	168
Nominal Product Diameter (mm)	298
Weight (kg)	2.243

Sylvania Granit IP65 0-10V 13000lm 840 MB

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Packaging

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

Safety data

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