

Granit IP65 DALI 13000lm 840 WB

Item No: 0039620

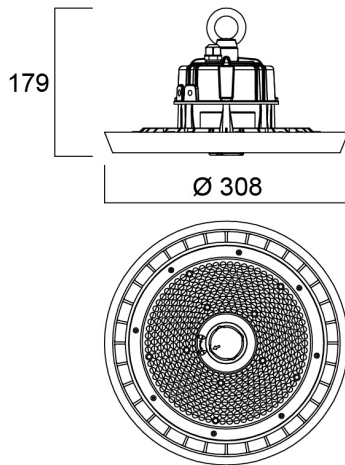
SYLVANIA



Integrated LED highbay; Black aluminium housing; 13000 Lm; 93 W; 140 Lm/W; 4000K; Drive current: 1600mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 308 x 179 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

Technical Assets

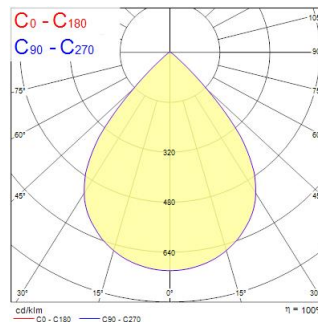
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.84	0.07	3210
1.0	1.68	0.14	801
1.5	2.53	0.21	426
2.0	3.37	0.28	309
2.5	4.21	0.35	243
3.0	5.05	0.42	196

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 80.2°)



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General data

Product name	Granit IP65 DALI 13000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001716
E-number FI	4357017
Warranty	5 years

Optical data

Fixture luminous flux (lm)	13000
Luminaire efficacy (lm/W)	140
Correlated 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

Electrical data

Total power consumption (W)	93
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 %	10
Electrical protection	Class I
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	1600
Inrush Current (A)	72.08
Inrush Duration (µs)	540
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	10
Max. products per 13A C Breaker	13
Max. products per 16A C Breaker	16
Max. products per 20A C Breaker	20
Max. products per 10A B Breaker	6
Max. products per 13A B Breaker	7
Max. products per 16A B Breaker	9
Max. products per 20A B Breaker	12

Lifetime data

Lifespan L80 B50	90000
Lifespan L80 B20	70000
Lifespan L80 B10	65000
Lifespan L90 B50	45000

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Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	179
Nominal Product Diameter (mm)	308
Weight (kg)	2.78

Packaging

Product EAN number	5410288396200
Packaging single length / height (cm)	37.0
Packaging single width (cm)	37.0
Packaging single depth (cm)	18.0
DUN14 (inner)	05410288396200
Units per outer package	1
Packaging outer length / height (cm)	37.0
Packaging outer width (cm)	37.0
Packaging outer depth (cm)	18.0

Safety data

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