

Granit IP65 DALI 19000lm 840 WB

Item No: 0039621

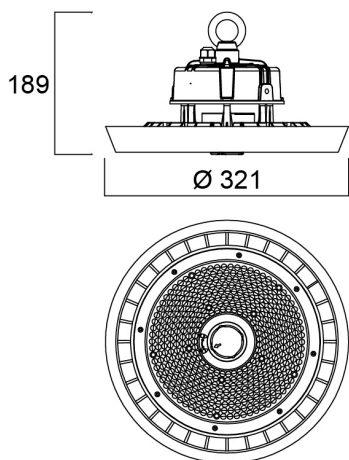
SYLVANIA



Integrated LED highbay; Black aluminium housing; 19500 Lm; 139 W; 140 Lm/W; 4000K; Drive current: 2400mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 321 x 189 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

Technical Assets

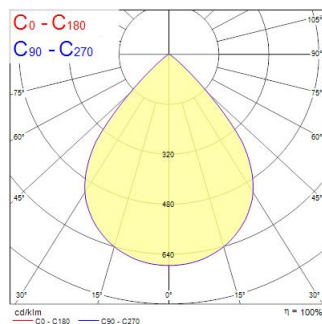
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.86	Ø171	9135
		Ø100	12251
1.0	1.72	Ø171	4205
		Ø100	3083
1.5	2.58	Ø171	2235
		Ø100	1982
2.0	3.44	Ø171	1629
		Ø100	1588
2.5	4.30	Ø171	1245
		Ø100	1190
3.0	5.16	Ø171	959
		Ø100	916

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 81.4°)



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General data

Product name	Granit IP65 DALI 19000lm 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	4357018
Warranty	5 years

Optical data

Fixture luminous flux (lm)	19500
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)	139
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	2400
Inrush Current (A)	138
Inrush Duration (µs)	118
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	6
Max. products per 13A C Breaker	7
Max. products per 16A C Breaker	9
Max. products per 20A C Breaker	12
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	7

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)	189
Nominal Product Diameter (mm)	321
Weight (kg)	3.58

Packaging

Product EAN number	5410288396217
Packaging single length / height (cm)	38.0
Packaging single width (cm)	38.0
Packaging single depth (cm)	18.5
DUN14 (inner)	05410288396217
Units per outer package	1
Packaging outer length / height (cm)	38.0
Packaging outer width (cm)	38.0
Packaging outer depth (cm)	18.5

Safety data

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