

Features

- Integrated LED highbay; Black aluminium housing; 13000 Lm; 80 W; 163 Lm/W; 4000K; Drive current: 410mA; CRI 80; 85° beam angle; Sylsmart SSA - Connected; IP54; Lifespan L80:B50 90,000 hrs; suspension wires included.

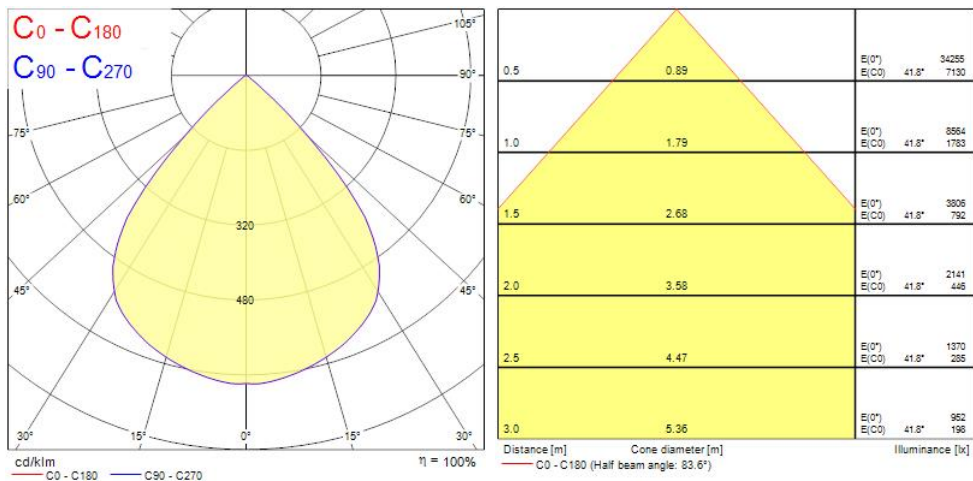
Product Overview

Product name	GRANIT IP54 13000LM 840 WB SSA
Technology	LED
General application	Logistics & Industry
ETIM Class	EC001716
Fixture luminous flux (lm)	13000
Luminaire efficacy (lm/W)	163
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
IP rating	IP54
IK rating	IK08

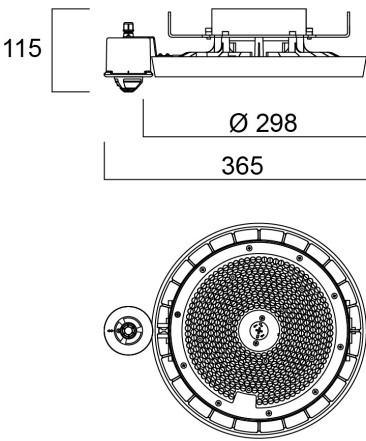
GRANIT IP54 13000LM 840 WB SSA
0039769

Product EAN number	5410288397696
Warranty	5 years
Dimming method	SylSmart SSA

Photometry



Technical drawings



Data table

GRANIT IP54 13000LM 840 WB SSA 0039769

GENERAL DATA

Product name	GRANIT IP54 13000LM 840 WB SSA
Technology	LED
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001716
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	13000
Luminaire efficacy (lm/W)	163
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
Mains voltage (V)	220-240V
Lamp power factor	0.90
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	SylSmart SSA
Drive current (mA)	410

GRANIT IP54 13000LM 840 WB SSA 0039769

Inrush Current (A)	123
Inrush Duration (µs)	132
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	8
Max. Luminaires per 13A C Breaker	9
Max. Luminaires per 16A C Breaker	14
Max. Luminaires per 20A C Breaker	17
Max. Luminaires per 10A B Breaker	5
Max. Luminaires per 13A B Breaker	7
Max. Luminaires per 16A B Breaker	8
Max. Luminaires per 20A B Breaker	10
Mains surge immunity (differential mode -> L-N) (kV)	6
Mains surge immunity (common mode -> L/N - GND) (kV)	10

LIFETIME DATA

Lifespan L70 B50	90000
Lifespan L70 B20	90000
Lifespan L70 B10	90000
Lifespan L80 B50	90000
Lifespan L80 B20	82000
Lifespan L80 B10	77000
Lifespan L90 B50	44000
Lifespan L90 B20	40000
Lifespan L90 B10	37000

PHYSICAL DATA

Housing colour	RAL9017
IP rating	IP54

GRANIT IP54 13000LM 840 WB SSA 0039769

IK rating	IK08
IK rating of sensor	IK03
Nominal Product Height (mm)	168
Nominal Product Diameter (mm)	298
Weight (kg)	2.908

PACKAGING

Single packaging type	Carton
Product EAN number	5410288397696
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	13.0
DUN14 (outer)	05410288397696
Units per outer package	1
Packaging outer length / height (cm)	32.5
Packaging outer width (cm)	32.5
Packaging outer depth (cm)	13.0

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No