



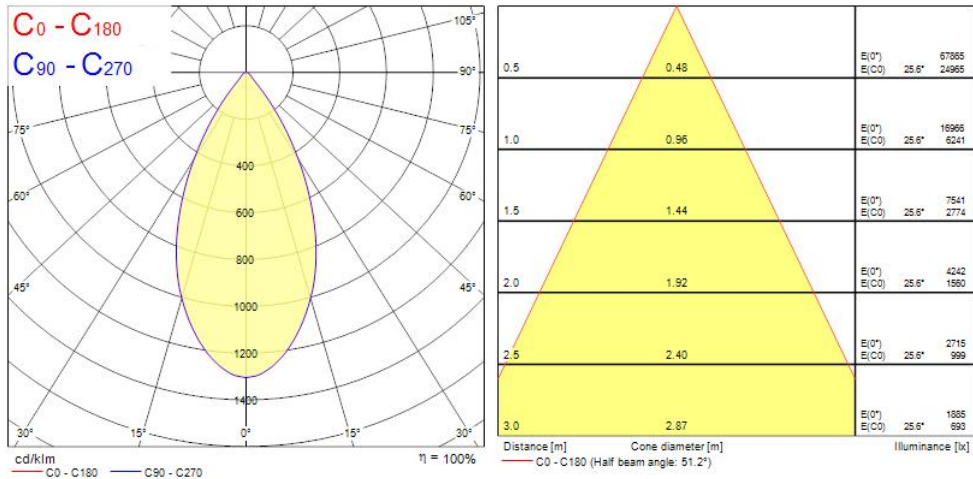
Features

- 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.

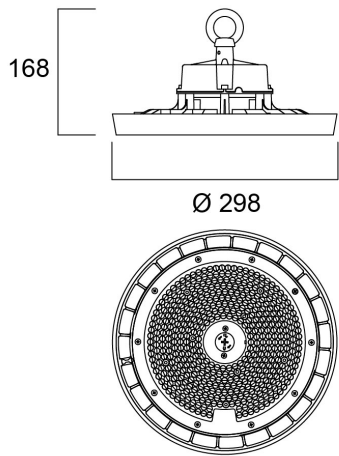
Product Overview

Product name	Granit IP65 0-10V 13000lm 840 MB
Technology	LED
Cap/Base	N/A
E-number FI	4357096
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
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	80
Electrical protection	Class I
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017
IP rating	IP65
IK rating	IK08
Product EAN number	5410288397306
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product nameGranit IP65 0-10V 13000lm 840 MB

Granit IP65 0-10V 13000lm 840 MB 0039730

Technology	LED
Cap/Base	N/A
Operating temperature range (°C)	-30°C...+50°C
E-number FI	4357096
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
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
Control gear required	No
Drive current (mA)	410
Inrush Current (A)	80
Inrush Duration (µs)	300
Glow Wire Test (°C)	850
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 20A B Breaker	6
Mains surge immunity (differential mode -> L-N) (kV)	6

Granit IP65 0-10V 13000lm 840 MB 0039730

Mains surge immunity (common mode -> L/N - GND) (kV)	6
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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 Diameter (mm)	298
Weight (kg)	2.243

PACKAGING

Single packaging type	Carton
Product EAN number	5410288397306
Packaging single width (cm)	32.5
Packaging single depth (cm)	14.5
DUN14 (outer)	05410288397306
Packaging outer length / height (cm)	32.5

SAFETY DATA

Optimal operating condition (°C)	-30-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No