



Features

- Integrated LED highbay; Black aluminium housing; 19500Lm; 120 W; 163 Lm/W; 4000K; Drive current: 470mA; CRI 80; 55° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B50 90,000 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.

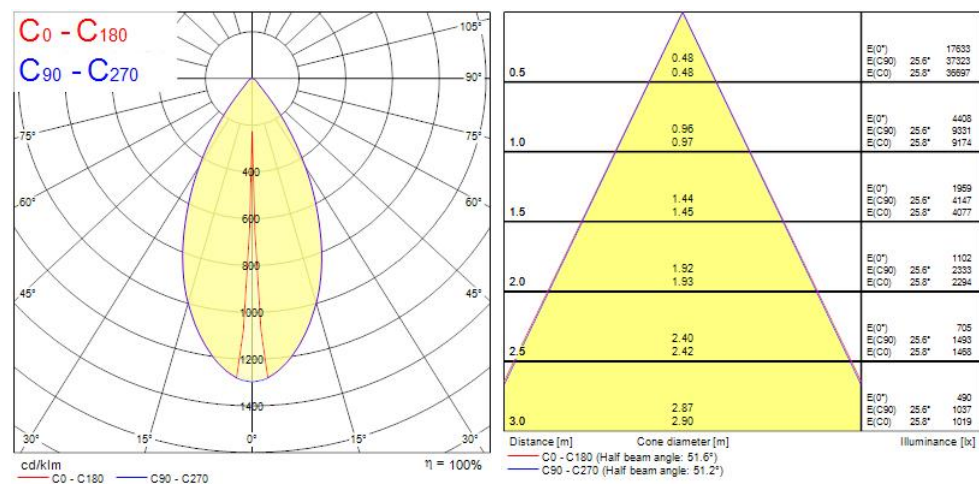
Product Overview

Product name	Granit IP65 DALI 19500lm 840 MB
Technology	LED
General application	Logistics & Industry
ETIM Class	EC001716
Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	163
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	55
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	120
Electrical protection	Class I
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08

Granit IP65 DALI 19500lm 840 MB
0039750

Product EAN number	5410288397504
Warranty	5 years
Dimming method	DALI-2

Photometry



Data table

GENERAL DATA

Product name	Granit IP65 DALI 19500lm 840 MB
Technology	LED
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
ETIM Class	EC001716
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	163
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

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Colour Variation Initial (SDCM)	3
Beam Angle (°)	55
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	120
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	15
Electrical protection	Class I
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	470
Inrush Current (A)	77
Inrush Duration (µs)	102
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. Luminaires per 10A C Breaker	16
Max. Luminaires per 13A C Breaker	20
Max. Luminaires per 16A C Breaker	27
Max. Luminaires per 20A C Breaker	32
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	16
Max. Luminaires per 20A B Breaker	20

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Mains surge immunity (differential mode -> L-N) (kV) 6

Mains surge immunity (common mode -> L/N - GND) (kV) 6

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 RAL 9017 - Traffic black

IP rating IP65

IK rating IK08

Nominal Product Height (mm) 168

Nominal Product Diameter (mm) 298

Weight (kg) 2.243

PACKAGING

Single packaging type Carton

Product EAN number 5410288397504

Packaging single length / height (cm) 32.5

Packaging single width (cm) 32.5

Packaging single depth (cm) 14.5

DUN14 (outer) 05410288397504

Units per outer package 1

Packaging outer length / height (cm) 32.5

Packaging outer width (cm) 32.5



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Packaging outer depth (cm)	14.5
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SAFETY DATA

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