



Features

- Integrated LED highbay; Black aluminium housing; 32000Lm; 200 W; 160 Lm/W; 4000K; Drive current: 780mA; CRI 80; 85° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 370 x 163 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

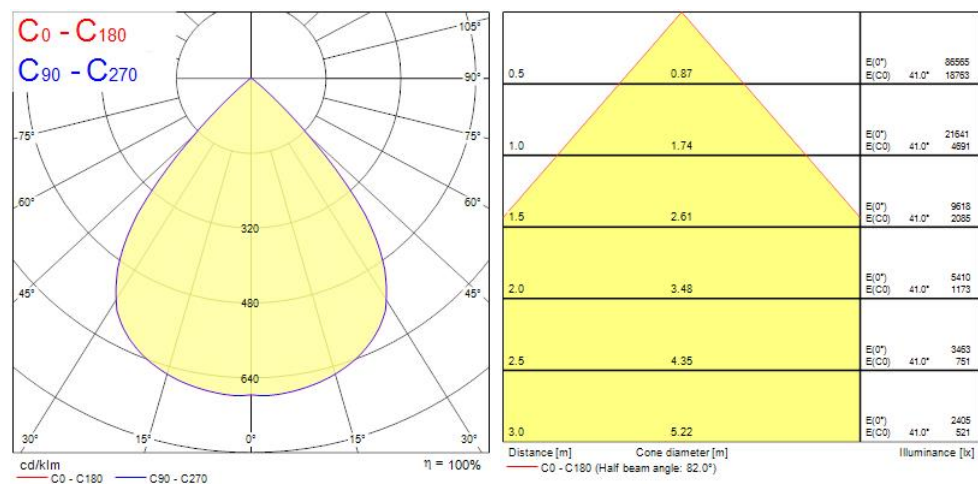
Product Overview

Product name	Granit IP65 0-10V 32000lm 840 WB
Technology	LED
General application	Logistics & Industry
ETIM Class	EC001716
Fixture luminous flux (lm)	32000
Luminaire efficacy (lm/W)	160
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)	200
Electrical protection	Class I
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL9017
IP rating	IP65
IK rating	IK08

Granit IP65 0-10V 32000lm 840 WB
0039740

Product EAN number	5410288397405
Warranty	5 years
Dimming method	0-10V

Photometry



Data table

GENERAL DATA

Product name	Granit IP65 0-10V 32000lm 840 WB
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)	32000
Luminaire efficacy (lm/W)	160
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

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Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	200
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 %	10
Electrical protection	Class I
Control gear required	No
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	0-10V
Drive current (mA)	780
Inrush Current (A)	100
Inrush Duration (μ s)	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. Luminaires per 10A C Breaker	4
Max. Luminaires per 13A C Breaker	5
Max. Luminaires per 16A C Breaker	7
Max. Luminaires per 20A C Breaker	9
Max. Luminaires per 10A B Breaker	2
Max. Luminaires per 13A B Breaker	6
Max. Luminaires per 16A B Breaker	4
Max. Luminaires per 20A B Breaker	5

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

Lifespan L80 B50	90000
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Lifespan L80 B20	82000
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Lifespan L90 B50	44000
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PHYSICAL DATA

Housing colour	RAL9017
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IP rating	IP65
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IK rating	IK08
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Nominal Product Height (mm)	163
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Nominal Product Diameter (mm)	370
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Weight (kg)	2.865
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PACKAGING

Single packaging type	Carton
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Product EAN number	5410288397405
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Packaging single length / height (cm)	40.0
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Packaging single width (cm)	40.0
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Packaging single depth (cm)	14.5
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DUN14 (outer)	05410288397405
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Units per outer package	1
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Packaging outer length / height (cm)	40.0
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Packaging outer width (cm)	40.0
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Packaging outer depth (cm)	14.5
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SAFETY DATA

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