



Features

- Integrated LED highbay; Black aluminium housing; 26000 Lm; 185 W; 140 Lm/W; 4000K; Drive current: 3200mA; CRI 80; 85° beam angle; DALI dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 385 x 194 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

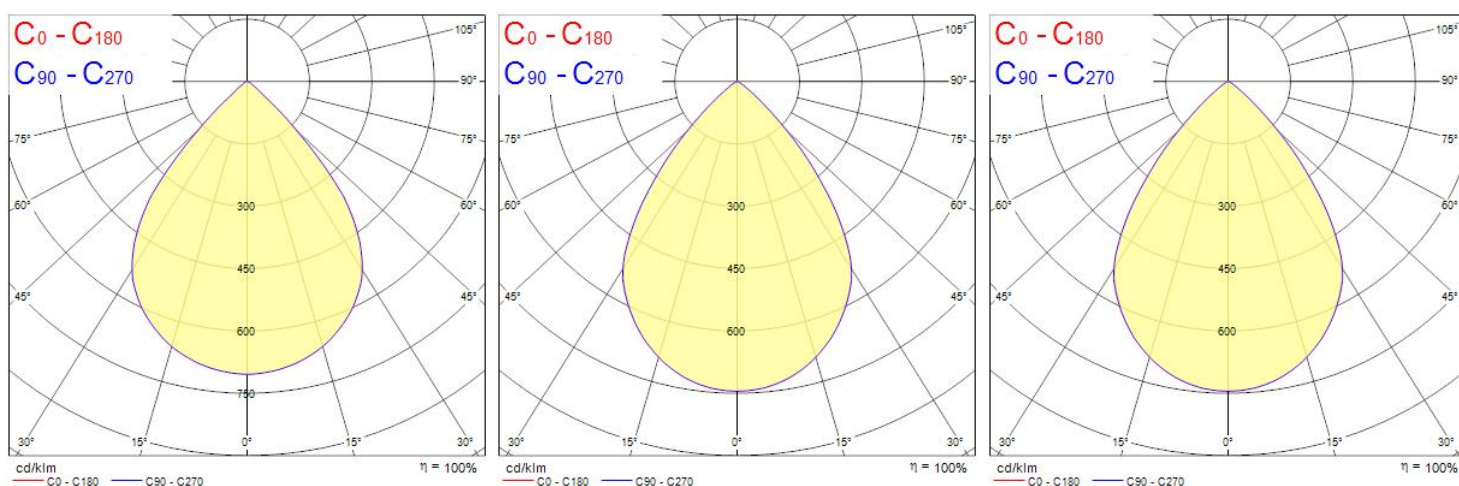
Product Overview

Product name	Granit IP65 DALI 26000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357019
Fixture luminous flux (lm)	26000
Luminaire efficacy (lm/W)	140
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Glare control	< 25

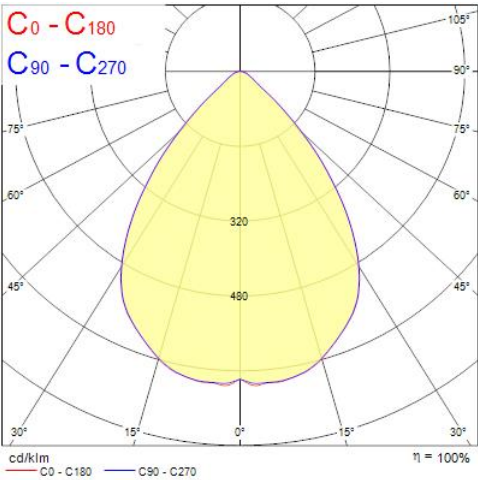
Granit IP65 DALI 26000lm 840 WB 0039622

Photobiological Risk Group	RG1
Total power consumption (W)	185
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288396224
Warranty	5 years
Dimming method	DALI

Photometry



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0.5	0.85	E(0°) E(C0)	40.2°	75062 16783
1.0	1.69	E(0°) E(C0)	40.2°	18766 4191
1.5	2.54	E(0°) E(C0)	40.2°	8340 1863
2.0	3.38	E(0°) E(C0)	40.2°	4691 1048
2.5	4.23	E(0°) E(C0)	40.2°	3002 671
3.0	5.07	E(0°) E(C0)	40.2°	2086 466

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 80.4°)

0.5	0.78	E(0°) E(C0)	37.9°	76589 18941
1.0	1.56	E(0°) E(C0)	37.9°	19147 4735
1.5	2.34	E(0°) E(C0)	37.9°	8510 2105
2.0	3.11	E(0°) E(C0)	37.9°	4787 1184
2.5	3.89	E(0°) E(C0)	37.9°	3064 758
3.0	4.67	E(0°) E(C0)	37.9°	2127 528

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.8°)

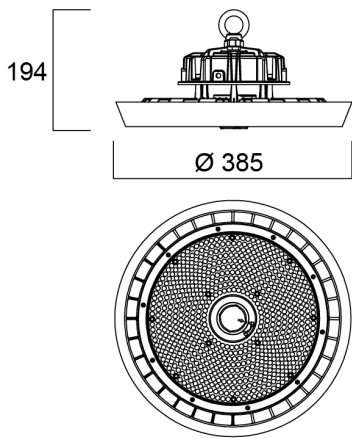
0.5	0.78	E(0°) E(C0)	37.9°	76489 18912
1.0	1.56	E(0°) E(C0)	37.9°	19117 4728
1.5	2.34	E(0°) E(C0)	37.9°	8497 2101
2.0	3.11	E(0°) E(C0)	37.9°	4779 1182
2.5	3.89	E(0°) E(C0)	37.9°	3059 756
3.0	4.67	E(0°) E(C0)	37.9°	2124 525

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.8°)

0.5	0.80 0.80	E(0°) E(C90) E(C0)	38.8° 38.8° 38.7°	67832 16012 16473
1.0	1.61 1.60	E(0°) E(C90) E(C0)	38.8° 38.8° 38.7°	16908 4076 4118
1.5	2.41 2.40	E(0°) E(C90) E(C0)	38.8° 38.8° 38.7°	7515 1812 1830
2.0	3.22 3.20	E(0°) E(C90) E(C0)	38.8° 38.8° 38.7°	4227 1019 1030
2.5	4.02 4.01	E(0°) E(C90) E(C0)	38.8° 38.8° 38.7°	2705 652 659
3.0	4.82 4.81	E(0°) E(C90) E(C0)	38.8° 38.8° 38.7°	1879 453 458

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 77.4°)
C90 - C270 (Half beam angle: 77.6°)

Technical drawings



Data table

GENERAL DATA

Product name	Granit IP65 DALI 26000lm 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	4357019
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	26000
Luminaire efficacy (lm/W)	140

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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

ELECTRICAL DATA

Total power consumption (W)	185
Mains voltage (V)	220-240V
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 required	No
Control gear type	Other
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	3200
Inrush Current (A)	92
Inrush Duration (µs)	224
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	2
Max. Luminaires per 13A C Breaker	3
Max. Luminaires per 16A C Breaker	4
Max. Luminaires per 20A C Breaker	4
Max. Luminaires per 10A B Breaker	1
Max. Luminaires per 13A B Breaker	1
Max. Luminaires per 16A B Breaker	2
Max. Luminaires per 20A B Breaker	2

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LIFETIME DATA

Lifespan L80 B50	90000
Lifespan L80 B20	70000
Lifespan L80 B10	65000
Lifespan L90 B50	45000

PHYSICAL DATA

Housing colour	Black
IP rating	IP65
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	194
Nominal Product Diameter (mm)	385
Weight (kg)	4.33

PACKAGING

Single packaging type	Carton
Product EAN number	5410288396224
Packaging single length / height (cm)	44.5
Packaging single width (cm)	44.5
Packaging single depth (cm)	19.5
DUN14 (outer)	05410288396224
Units per outer package	1
Packaging outer length / height (cm)	44.5
Packaging outer width (cm)	44.5
Packaging outer depth (cm)	19.5

SAFETY DATA

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

SYLVANIA

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