

Features

- Integrated LED highbay; Black aluminium housing; 26000 Lm; 185 W; 140 Lm/W; 4000K; Drive current: 3200mA; CRI 80; 55° 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.

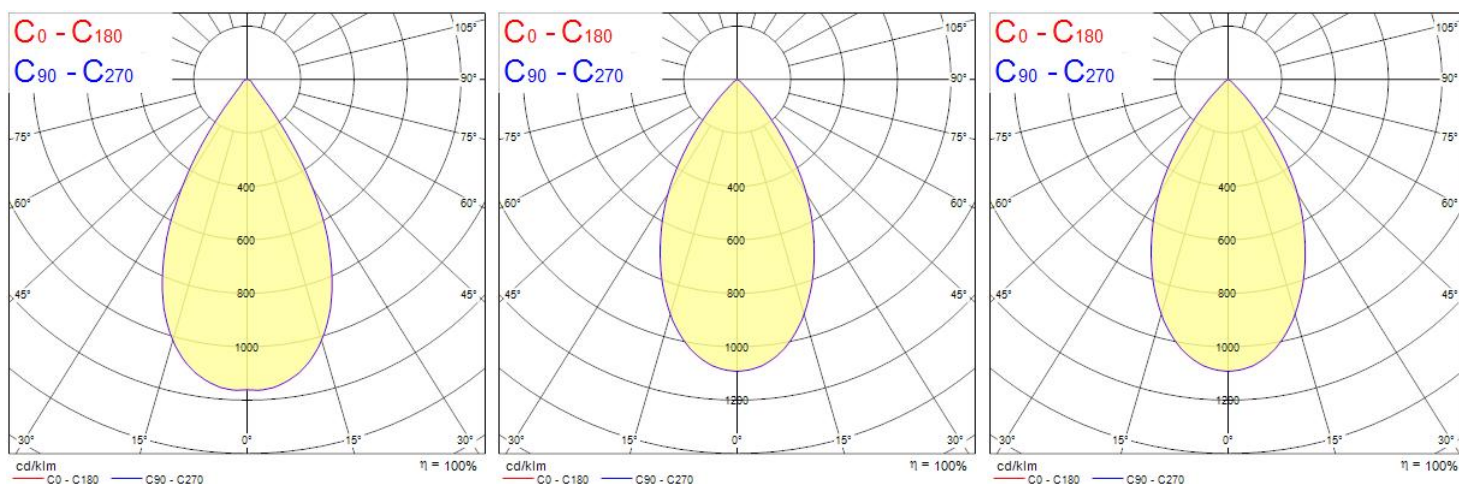
Product Overview

Product name	Granit IP65 DALI 26000lm 840 MB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357016
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 (°)	55
Glare control	< 22

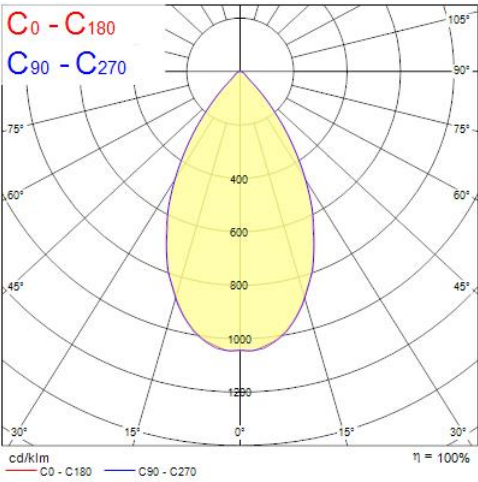
Granit IP65 DALI 26000lm 840 MB 0039619

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	5410288396194
Warranty	5 years
Dimming method	DALI

Photometry



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0.5	0.55	E(0°) E(C0)	126371 28.7° 43066
1.0	1.09	E(0°) E(C0)	31593 28.7° 10767
1.5	1.64	E(0°) E(C0)	14041 28.7° 4785
2.0	2.19	E(0°) E(C0)	7998 28.7° 2692
2.5	2.74	E(0°) E(C0)	5055 28.7° 1723
3.0	3.28	E(0°) E(C0)	3510 28.7° 1196

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 57.4°)

0.5	0.57	E(0°) E(C0)	115049 29.7° 37719
1.0	1.14	E(0°) E(C0)	28762 29.7° 9430
1.5	1.71	E(0°) E(C0)	12783 29.7° 4191
2.0	2.28	E(0°) E(C0)	7191 29.7° 2357
2.5	2.85	E(0°) E(C0)	4502 29.7° 1509
3.0	3.42	E(0°) E(C0)	3196 29.7° 1048

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 59.4°)

0.5	0.57 0.56	E(0°) E(C90) E(C0)	111234 29.5° 36802 29.4° 37073
1.0	1.13 1.13	E(0°) E(C90) E(C0)	27808 29.5° 9200 29.4° 9288
1.5	1.70 1.69	E(0°) E(C90) E(C0)	12359 29.5° 4059 29.4° 4119
2.0	2.26 2.25	E(0°) E(C90) E(C0)	6952 29.5° 2300 29.4° 2317
2.5	2.83 2.82	E(0°) E(C90) E(C0)	4449 29.5° 1472 29.4° 1483
3.0	3.39 3.38	E(0°) E(C90) E(C0)	3090 29.5° 1022 29.4° 1030

Distance [m] Cone diameter [m] Illuminance [lx]

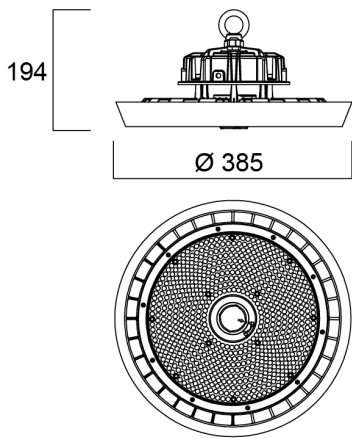
— C0 - C180 (Half beam angle: 58.8°)
— C90 - C270 (Half beam angle: 59.0°)

0.5	0.57	E(0°) E(C0)	114961 29.7° 37890
1.0	1.14	E(0°) E(C0)	28740 29.7° 9423
1.5	1.71	E(0°) E(C0)	12773 29.7° 4188
2.0	2.28	E(0°) E(C0)	7185 29.7° 2356
2.5	2.85	E(0°) E(C0)	4598 29.7° 1508
3.0	3.42	E(0°) E(C0)	3193 29.7° 1047

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 59.4°)

Technical drawings



Data table

GENERAL DATA

Product name	Granit IP65 DALI 26000lm 840 MB
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	4357016
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 (°)	55
Glare control	< 22
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	5410288396194
Packaging single length / height (cm)	44.5
Packaging single width (cm)	44.5
Packaging single depth (cm)	19.5
DUN14 (outer)	05410288396194
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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