



Features

- Integrated LED highbay; Black aluminium housing; 26000Lm; 180 W; 144 Lm/W; 4000K; Drive current: 750mA; CRI 80; 85° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 385 x 181 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

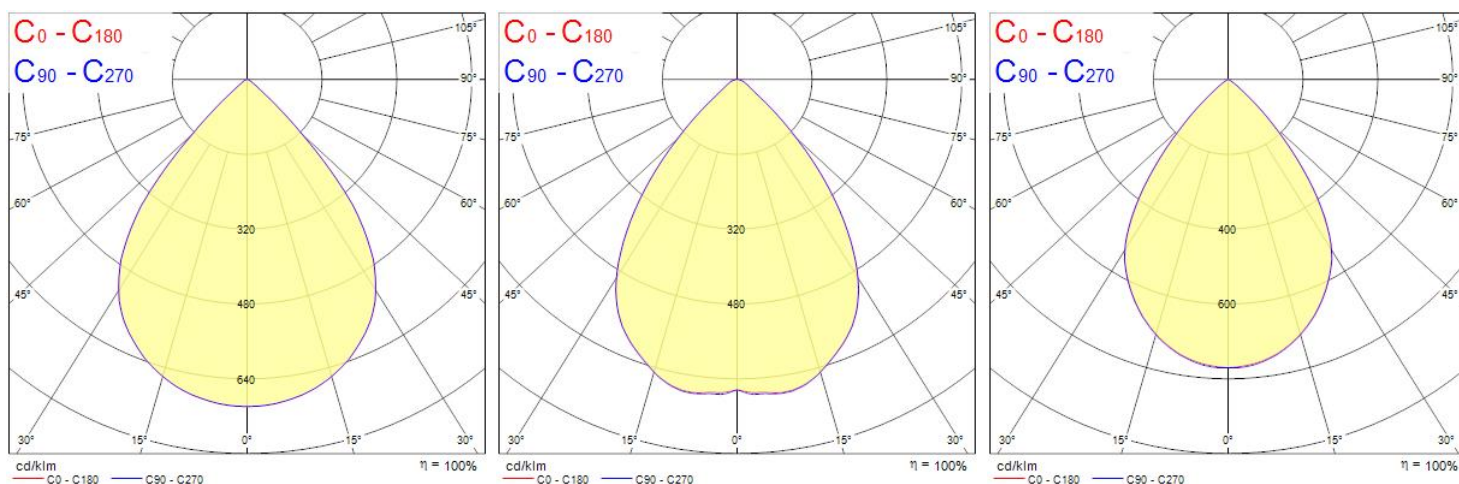
Product Overview

Product name	Granit IP65 0-10V 26000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357007
Fixture luminous flux (lm)	26000
Luminaire efficacy (lm/W)	144
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Glare control	< 25

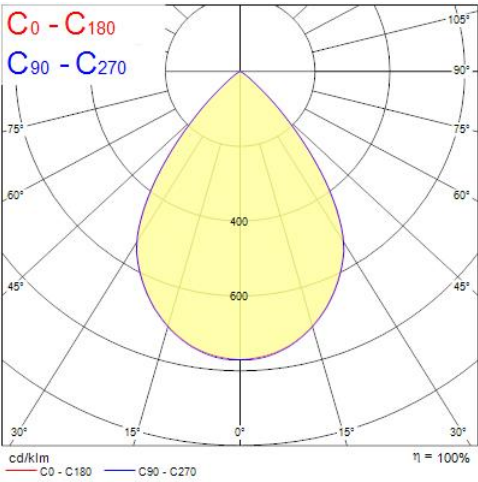
Granit IP65 0-10V 26000lm 840 WB 0039597

Photobiological Risk Group	RG1
Total power consumption (W)	180
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288395975
Warranty	5 years
Dimming method	0-10V

Photometry



Granit IP65 0-10V 26000lm 840 WB
0039597



0.5	0.84	E(0°) E(C0) E(C90) E(C270)	75193 40.1° 16839
1.0	1.68	E(0°) E(C0) E(C90) E(C270)	16796 40.1° 4210
1.5	2.53	E(0°) E(C0) E(C90) E(C270)	8356 40.1° 1871
2.0	3.37	E(0°) E(C0) E(C90) E(C270)	4700 40.1° 1052
2.5	4.21	E(0°) E(C0) E(C90) E(C270)	3008 40.1° 674
3.0	5.05	E(0°) E(C0) E(C90) E(C270)	2089 40.1° 458

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 80.2°)

0.5	0.80 0.80	E(0°) E(C90) E(C0) E(C270)	68775 38.6° 16890 16746
1.0	1.60 1.60	E(0°) E(C90) E(C0) E(C270)	17194 38.6° 4225 4167
1.5	2.39 2.40	E(0°) E(C90) E(C0) E(C270)	7542 38.6° 1878 1861
2.0	3.19 3.20	E(0°) E(C90) E(C0) E(C270)	4296 38.6° 1056 1047
2.5	3.99 4.01	E(0°) E(C90) E(C0) E(C270)	2751 38.6° 676 670
3.0	4.79 4.81	E(0°) E(C90) E(C0) E(C270)	1910 38.6° 469 465

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 77.4°)
C90 - C270 (Half beam angle: 77.2°)

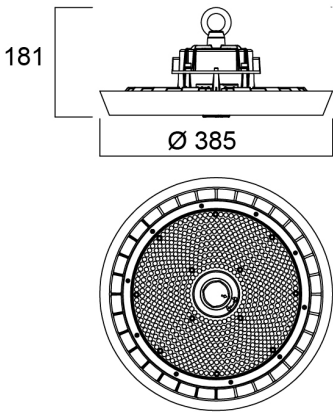
0.5	0.76 0.76	E(0°) E(C90) E(C0) E(C270)	79796 37.4° 20048 20135
1.0	1.53 1.52	E(0°) E(C90) E(C0) E(C270)	19949 37.4° 5012 5034
1.5	2.29 2.29	E(0°) E(C90) E(C0) E(C270)	8665 37.4° 2228 2237
2.0	3.06 3.05	E(0°) E(C90) E(C0) E(C270)	4987 37.4° 1253 1258
2.5	3.82 3.81	E(0°) E(C90) E(C0) E(C270)	3192 37.4° 802 805
3.0	4.59 4.57	E(0°) E(C90) E(C0) E(C270)	2217 37.4° 557 559

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 74.6°)
C90 - C270 (Half beam angle: 74.8°)

0.5	0.76 0.76	E(0°) E(C90) E(C0) E(C270)	79740 37.4° 20034 20121
1.0	1.53 1.52	E(0°) E(C90) E(C0) E(C270)	19935 37.4° 5009 5030
1.5	2.29 2.29	E(0°) E(C90) E(C0) E(C270)	8660 37.4° 2225 2236
2.0	3.06 3.05	E(0°) E(C90) E(C0) E(C270)	4984 37.4° 1252 1256
2.5	3.82 3.81	E(0°) E(C90) E(C0) E(C270)	3190 37.4° 801 805
3.0	4.59 4.57	E(0°) E(C90) E(C0) E(C270)	2215 37.4° 557 559

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 74.6°)
C90 - C270 (Half beam angle: 74.8°)

Technical drawings



Data table

GENERAL DATA

Product name	Granit IP65 0-10V 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	4357007
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	26000
Luminaire efficacy (lm/W)	144

Granit IP65 0-10V 26000lm 840 WB 0039597

Correlated 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)	180
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
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	LED driver constant current
Dimmable	Yes
Dimming method	0-10V
Drive current (mA)	750
Inrush Current (A)	200
Inrush Duration (µs)	93
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	4
Max. products per 13A C Breaker	5
Max. products per 16A C Breaker	7
Max. products per 20A C Breaker	9
Max. products per 10A B Breaker	2
Max. products per 13A B Breaker	3
Max. products per 16A B Breaker	4
Max. products per 20A B Breaker	5

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)	181
Nominal Product Diameter (mm)	385
Weight (kg)	4.3

PACKAGING

Product EAN number	5410288395975
Packaging single length / height (cm)	44.5
Packaging single width (cm)	44.5
Packaging single depth (cm)	19.5
DUN14 (inner)	05410288395975
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

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-30-50
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

SYLVANIA

Granit IP65 0-10V 26000lm 840 WB

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