

Sylvania Granit 0-10V
Granit IP65 0-10V 26000lm 840 WB
0039597

Product 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
Warranty	5 years
Fixture luminous flux (lm)	26000
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	180
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	0-10V
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Black
IP rating	IP65
IK rating	IK08

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Product EAN number

5410288395975

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 T _q (°C)	25
ETIM Class	EC001716
E-number FI	4357007
Warranty	5 years

Optical data

Fixture luminous flux (lm)	26000
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	180
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 type	LED driver constant current
Dimmable	Yes
Dimming method	0-10V
Drive current (mA)	750
Inrush Current (A)	200
Inrush Duration (µs)	93
Glow Wire Test (°C)	850
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

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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

Single packaging type	Carton
Product EAN number	5410288395975
Packaging single length / height (cm)	44.5
Packaging single width (cm)	44.5
Packaging single depth (cm)	19.5
DUN14 (outer)	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

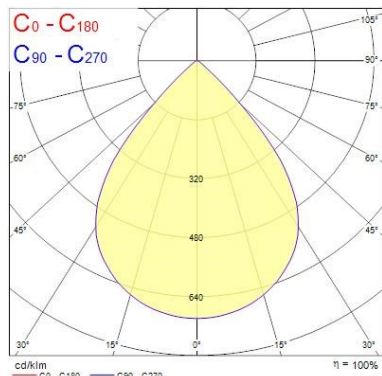
Safety data

Optimal operating condition (°C)	-30-50
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PHOTOMETRY

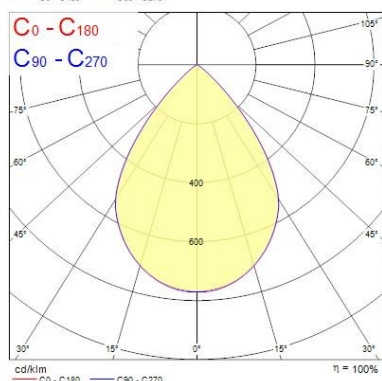
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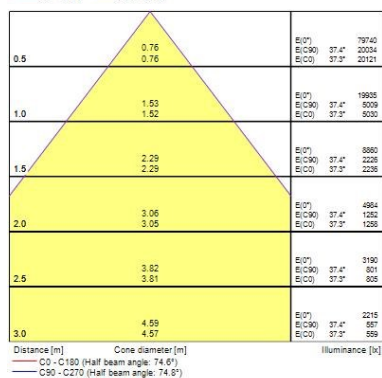
Distance [m]	Cone diameter [m]	E(0°) E(C0) E(C180)	E(90°) E(C90) E(C270)	Illuminance [lx]
0.5	0.84	75193	18389	
1.0	1.68	18798	4210	
1.5	2.53	8385	1871	
2.0	3.37	4700	1052	
2.5	4.21	3028	674	
3.0	5.05	2089	458	

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



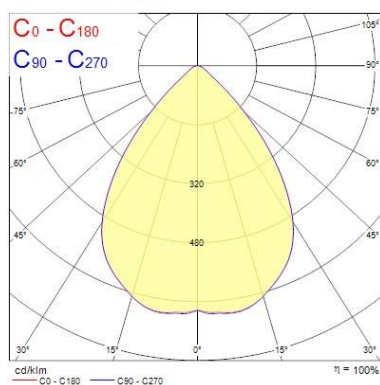
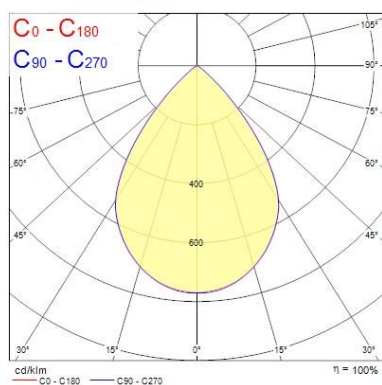
Distance [m]	Cone diameter [m]	E(0°) E(C0) E(C180)	E(90°) E(C90) E(C270)	Illuminance [lx]
0.5	0.76	79796	20045	
1.0	1.53	19949	5012	
1.5	2.29	8885	2228	
2.0	3.06	4967	1253	
2.5	3.82	3192	802	
3.0	4.59	2217	559	

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



Distance [m]	Cone diameter [m]	E(0°) E(C0) E(C180)	E(90°) E(C90) E(C270)	Illuminance [lx]
0.5	0.76	79743	20034	
1.0	1.53	19905	5009	
1.5	2.29	8880	2226	
2.0	3.06	4964	1252	
2.5	3.82	3190	801	
3.0	4.59	2215	557	

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



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TECHNICAL DRAWINGS

