

## Granit 0-10V

Granit IP65 0-10V 13000lm 840 WB

0039595

### Product features

- Integrated LED highbay; Black aluminium housing; 13000lm; 90 W; 144 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) 308 x 166 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.

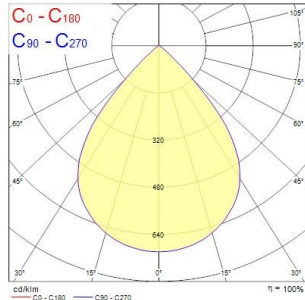
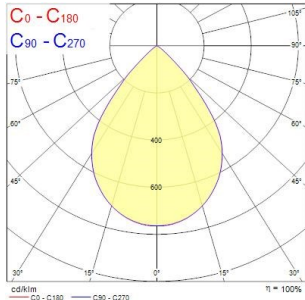


### PRODUCT OVERVIEW

Product name	Granit IP65 0-10V 13000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357005
Warranty	5 years
Fixture luminous flux (lm)	13000
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)	90
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	5410288395951

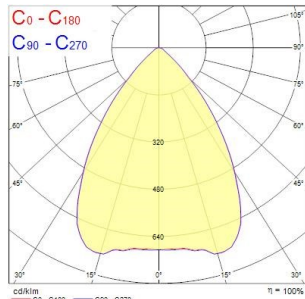
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### PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)	E(C180)	E(C270)	Illuminance [lx]
0.5	0.73	5071	3611	3611	3611	3611	3611
1.0	1.46	1268	902	902	902	902	902
1.5	2.19	539	381	381	381	381	381
2.0	2.92	342	244	244	244	244	244
2.5	3.65	273	195	195	195	195	195
3.0	4.38	237	170	170	170	170	170

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 72.2°)  
C90 - C270 (Half beam angle: 72.2°)



Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)	E(C180)	E(C270)	Illuminance [lx]
0.5	0.78	3935	2811	2811	2811	2811	2811
1.0	1.57	984	702	702	702	702	702
1.5	2.35	534	381	381	381	381	381
2.0	3.14	342	244	244	244	244	244
2.5	3.92	273	195	195	195	195	195
3.0	4.70	237	170	170	170	170	170

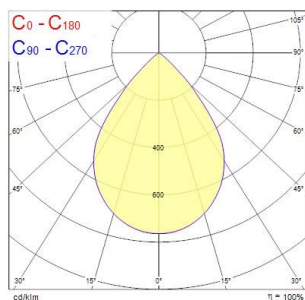
Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 72.2°)  
C90 - C270 (Half beam angle: 72.2°)

Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)	E(C180)	E(C270)	Illuminance [lx]
0.5	0.84	3769	2699	2699	2699	2699	2699
1.0	1.68	942	675	675	675	675	675
1.5	2.52	519	371	371	371	371	371
2.0	3.37	327	233	233	233	233	233
2.5	4.21	261	187	187	187	187	187
3.0	5.05	226	162	162	162	162	162

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 40.1°)  
C90 - C270 (Half beam angle: 40.1°)

Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)	E(C180)	E(C270)	Illuminance [lx]
0.5	0.78	3040	2166	2166	2166	2166	2166
1.0	1.57	760	542	542	542	542	542
1.5	2.35	500	361	361	361	361	361
2.0	3.14	342	244	244	244	244	244
2.5	3.92	273	195	195	195	195	195
3.0	4.70	237	170	170	170	170	170

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 76.2°)  
C90 - C270 (Half beam angle: 76.2°)



### TECHNICAL DRAWINGS

## Granit 0-10V

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