

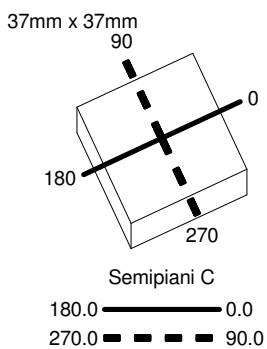
Luminaire

Code M028804
Name 37 CUBE SEMINCASSO LED MEDIUM 4000K

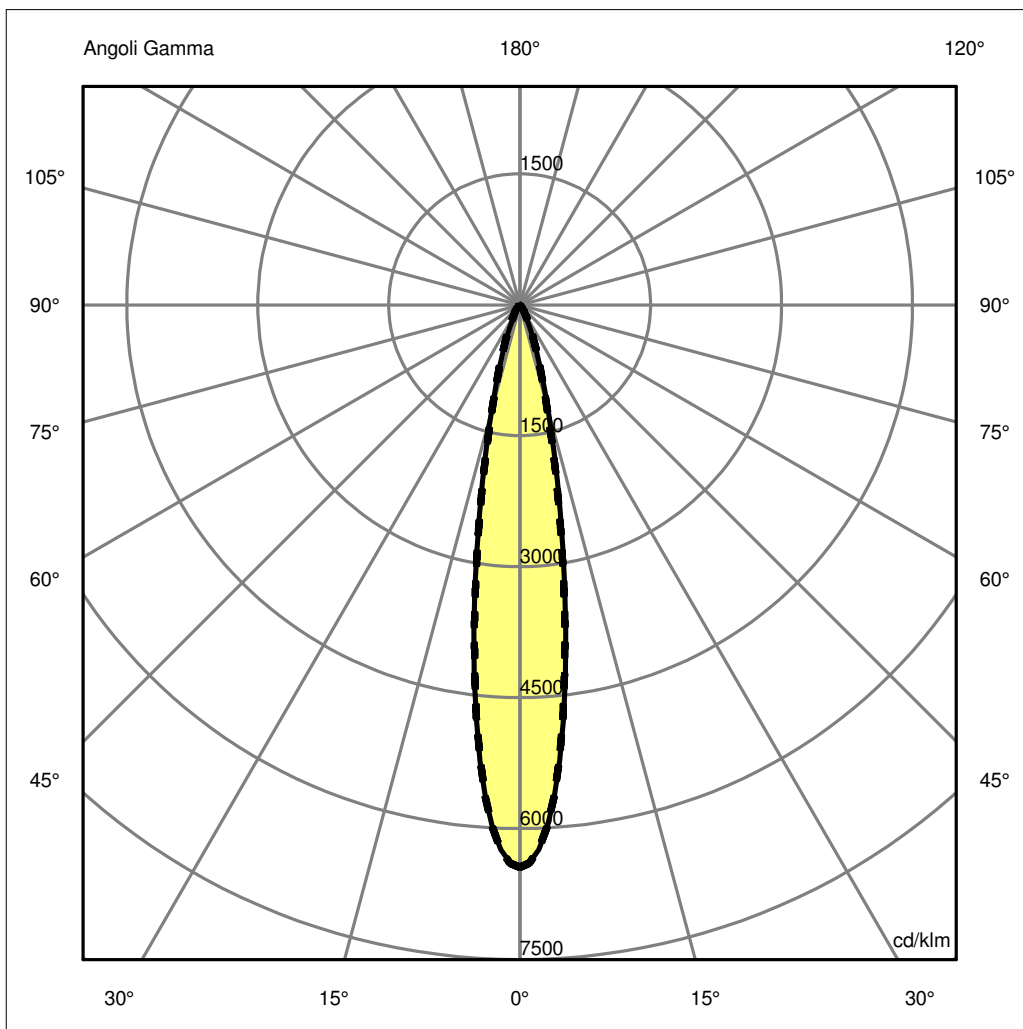
Measurem.

Code FTS1400875
Name 37 CUBE SEMINCASSO LED MEDIUM 4000K

Luminaire Flux	495.00 lm	Luminaire Power	8.00 W	Efficacy	61.87 lm/W	Efficiency	100.00%
Lamps Flux	495.00 lm	Maximum value	6445.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	37 mm	Width	37 mm	Height	79 mm
Rectangular Luminous Area		Length	37 mm	Width	35 mm	Height	9 mm
Horizontal Luminous Area		0.001295 m2		Emitting area on Plane 180°		0.000370 m2	
Emitting area on Plane 0°		0.000370 m2		Emitting area on Plane 270°		0.000350 m2	
Emitting area on Plane 90°		0.000350 m2		Glare area at 76°		0.000672 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		17-12-2014		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		495.00 lm	
4000K - I _{max} =6400 cd/klm - LED Flux=565 lm - LED Power=7 W - Eff=88 % - EfcLED=81 lm/W - EfcLum=62 lm/W Ra=80 min - SDCM=4 - Life=L70(6K)>50,000 ore							
C.I.E.	95	99	100	100	100	D DIN 5040	A60
F UTE	1.00	A				B NBN	BZ 1



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurement

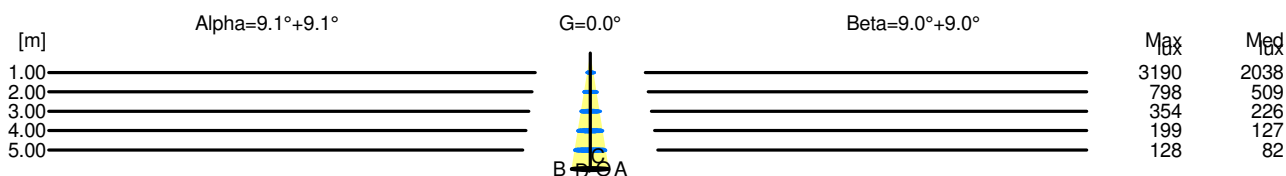
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C.I.E.	95 99 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.16	0.32	0.48	0.64	0.80	OC	0.16	0.32	0.48	0.63	0.79
OB	0.16	0.32	0.48	0.64	0.80	OD	0.16	0.32	0.48	0.63	0.79

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3190.38	2594.57	617.04	115.14	31.30	14.53	9.08	6.50	4.19	1.54
OB	3190.38	2594.57	617.04	115.14	31.30	14.53	9.08	6.50	4.19	1.54
OC	3190.38	2583.40	594.70	130.79	35.77	14.53	8.03	3.84	0.00	0.00
OD	3190.38	2583.40	594.70	130.79	35.77	14.53	8.03	3.84	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=9.1°+9.1°	G=0.0	
1.00	0.32	3190	2038			
2.00	0.64	798	509			
3.00	0.97	354	226			
4.00	1.29	199	127			
5.00	1.61	128	82			

H[m]	D[m]	Max lux	Med lux	Beta=9.0°+9.0°	G=0.0	
1.00	0.32	3190	2038			
2.00	0.63	798	509			
3.00	0.95	354	226			
4.00	1.27	199	127			
5.00	1.59	128	82			

Luminaire

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Lamps Flux	495.00 lm	Maximum value	6445.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	12.9	13.6	13.1	13.8	13.7	12.6	13.3	12.9	13.5	13.7
x=2H y=3H	13.9	14.6	14.2	14.8	14.0	12.9	13.5	13.2	13.8	14.0
x=2H y=4H	14.5	15.0	14.8	15.3	14.0	12.9	13.4	13.2	13.7	14.0
x=2H y=6H	14.8	15.3	15.1	15.6	13.9	12.8	13.3	13.1	13.6	13.9
x=2H y=8H	14.9	15.4	15.2	15.7	13.9	12.7	13.3	13.1	13.6	13.9
x=2H y=12H	15.0	15.5	15.3	15.8	13.8	12.7	13.2	13.1	13.5	13.8
x=4H y=2H	13.2	13.8	13.5	14.0	14.0	12.9	13.5	13.2	13.8	14.0
x=4H y=3H	14.4	14.9	14.7	15.2	14.4	13.3	13.8	13.7	14.1	14.4
x=4H y=4H	15.0	15.4	15.3	15.7	14.4	13.3	13.7	13.7	14.1	14.4
x=4H y=6H	15.4	15.7	15.8	16.1	14.3	13.2	13.6	13.6	13.9	14.3
x=4H y=8H	15.6	15.9	16.0	16.3	14.3	13.2	13.5	13.6	13.9	14.3
x=4H y=12H	15.7	16.0	16.1	16.4	14.2	13.2	13.4	13.6	13.8	14.2
x=8H y=4H	15.0	15.3	15.4	15.7	14.5	13.4	13.7	13.8	14.1	14.5
x=8H y=6H	15.5	15.7	15.9	16.1	14.4	13.3	13.5	13.8	14.0	14.4
x=8H y=8H	15.7	15.9	16.2	16.4	14.4	13.3	13.5	13.7	13.9	14.4
x=8H y=12H	15.9	16.1	16.4	16.5	14.3	13.2	13.4	13.7	13.8	14.3
x=12H y=4H	15.0	15.2	15.4	15.6	14.5	13.4	13.7	13.8	14.1	14.5
x=12H y=6H	15.4	15.6	15.9	16.1	14.4	13.3	13.5	13.8	13.9	14.4
x=12H y=8H	15.7	15.9	16.2	16.3	14.4	13.3	13.4	13.7	13.9	14.4