

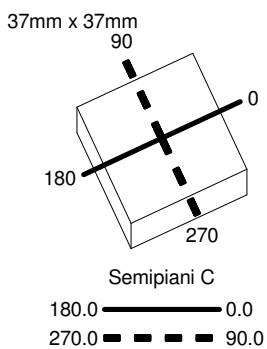
Luminaire

Code M028604
Name 37 CUBE SEMINCASSO LED NARROW 4000K

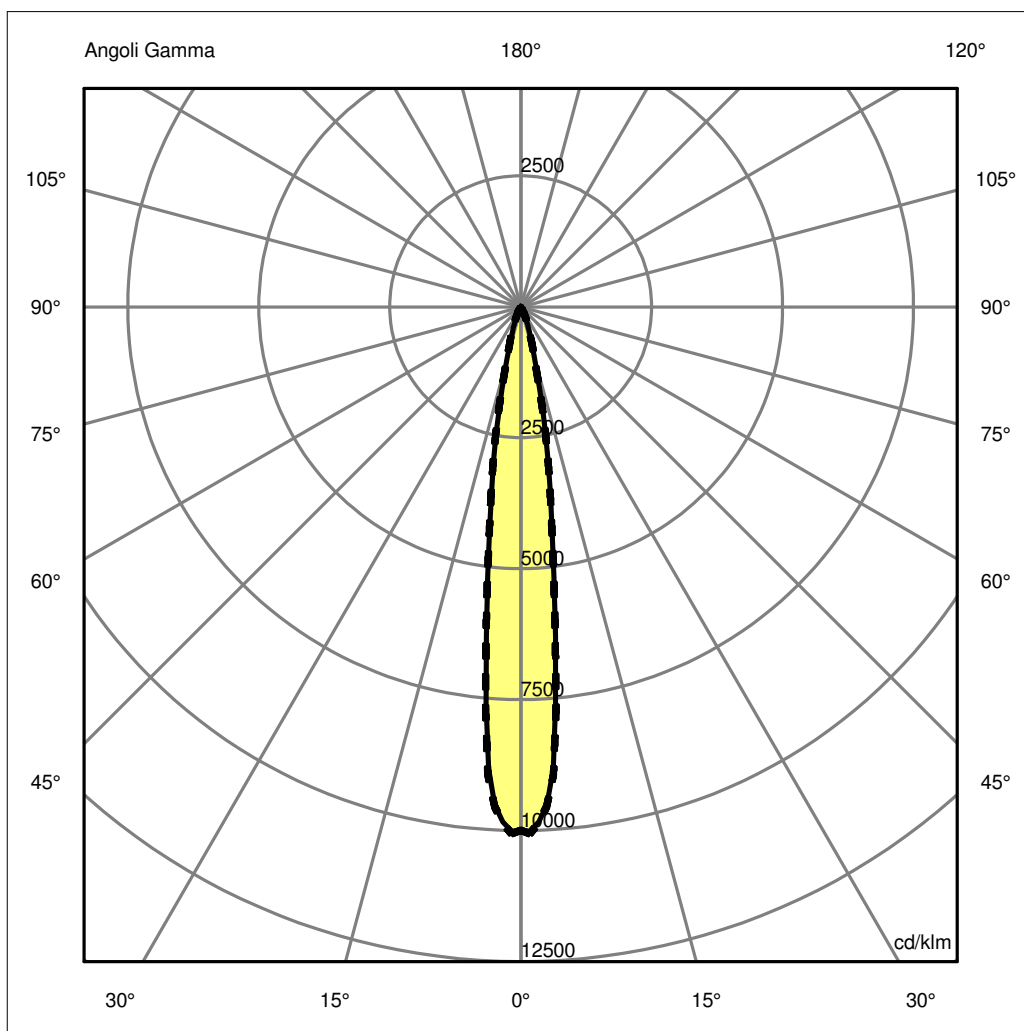
Measurem.

Code FTS1400874
Name 37 CUBE SEMINCASSO LED NARROW 4000K

Luminaire Flux	517.00 lm	Luminaire Power	8.00 W	Efficacy	64.62 lm/W	Efficiency	100.00%
Lamps Flux	517.00 lm	Maximum value	10085.07 cd/klm	Position	C=80.00 G=1.00	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		180	
Measurement Distance		0.00		Measurement Flux		517.00 lm	
4000K - I _{max} =10000 cd/klm - LED Flux=565 lm - LED Power=7 W - Eff=92 % - EfcLED=81 lm/W - EfcLum=65 lm/W Ra=80 min - SDCM=4 - Life=L70(6K)>50,000 ore							
C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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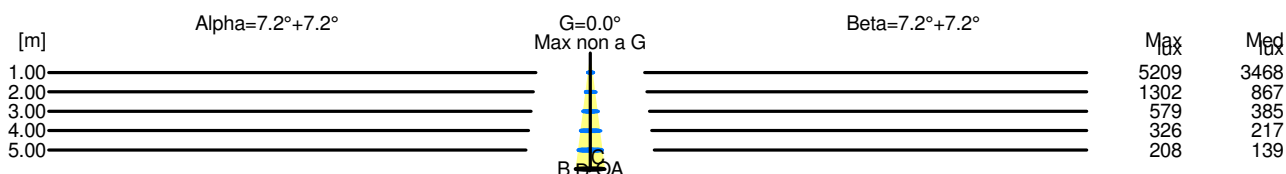
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Measurement Distance		0.00		Measurement Flux		517.00 lm	
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C.I.E.	99	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

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	0.13	0.25	0.38	0.51	0.63	OC	0.13	0.25	0.38	0.51	0.63
OB	0.13	0.25	0.38	0.51	0.63	OD	0.13	0.25	0.38	0.51	0.63

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5166.75	3936.05	518.23	75.15	9.53	4.52	2.54	2.17	0.00	0.00
OB	5166.75	3936.05	518.23	75.15	9.53	4.52	2.54	2.17	0.00	0.00
OC	5166.75	3990.91	523.17	82.72	10.62	2.67	0.21	0.00	0.00	0.00
OD	5166.75	3990.91	523.17	82.72	10.62	2.67	0.21	0.00	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=7.2°+7.2°	G=0.0 Max non a G	
1.00	0.25	5209	3468			
2.00	0.51	1302	867			
3.00	0.76	579	385			
4.00	1.01	326	217			
5.00	1.26	208	139			

H[m]	D[m]	Max lux	Med lux	Beta=7.2°+7.2°	G=0.0 Max non a G	
1.00	0.25	5209	3468			
2.00	0.51	1302	867			
3.00	0.76	579	385			
4.00	1.01	326	217			
5.00	1.26	208	139			

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Lamps Flux	517.00 lm	Maximum value	10085.07 cd/klm	Position	C=80.00 G=1.00	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	5.6	6.3	5.9	6.5	5.1	4.1	4.7	4.3	4.9	5.1
x=2H y=3H	6.2	6.8	6.5	7.0	5.0	4.0	4.6	4.2	4.8	5.0
x=2H y=4H	6.2	6.7	6.5	7.0	5.0	3.9	4.5	4.2	4.7	5.0
x=2H y=6H	6.1	6.6	6.4	6.9	4.9	3.8	4.3	4.1	4.6	4.9
x=2H y=8H	6.1	6.5	6.4	6.8	4.9	3.8	4.3	4.1	4.6	4.9
x=2H y=12H	6.0	6.5	6.4	6.8	4.8	3.8	4.2	4.1	4.5	4.8
x=4H y=2H	5.9	6.5	6.2	6.7	5.6	4.5	5.1	4.8	5.3	5.6
x=4H y=3H	6.5	6.9	6.8	7.2	5.5	4.4	4.9	4.7	5.2	5.5
x=4H y=4H	6.4	6.8	6.8	7.1	5.4	4.3	4.7	4.7	5.0	5.4
x=4H y=6H	6.3	6.6	6.7	7.0	5.3	4.2	4.6	4.6	4.9	5.3
x=4H y=8H	6.3	6.6	6.7	6.9	5.3	4.2	4.5	4.6	4.9	5.3
x=4H y=12H	6.2	6.5	6.7	6.9	5.2	4.2	4.4	4.6	4.8	5.2
x=8H y=4H	6.3	6.6	6.7	6.9	5.3	4.2	4.5	4.7	4.9	5.3
x=8H y=6H	6.2	6.4	6.6	6.8	5.2	4.2	4.4	4.6	4.8	5.2
x=8H y=8H	6.1	6.3	6.6	6.8	5.2	4.1	4.3	4.6	4.7	5.2
x=8H y=12H	6.1	6.2	6.6	6.7	5.2	4.1	4.2	4.5	4.7	5.2
x=12H y=4H	6.2	6.5	6.7	6.9	5.3	4.2	4.5	4.6	4.9	5.3
x=12H y=6H	6.1	6.3	6.6	6.8	5.2	4.1	4.3	4.6	4.7	5.2
x=12H y=8H	6.1	6.2	6.6	6.7	5.2	4.1	4.2	4.5	4.7	5.2