Luminaire
Code M028704
Name 37 CUBE SEMINCASSO LED MEDIUM 3000K
Measurem.
Code FTS1400872
Name 37 CUBE SEMINCASSO LED MEDIUM 3000K

Luminaire Flux	463.00 lm	Luminaire Power	8.00 W	Efficacy	57.87 lm/W	Efficiency	100.00%
Lamps Flux	463.00 lm	Maximum value	6445.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

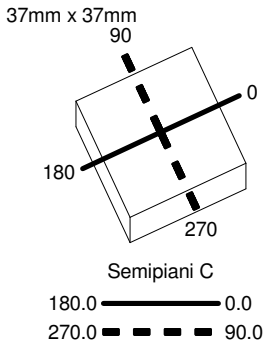
Rectangular Luminaire	Length	37 mm	Width	37 mm	Height	79 mm
Rectangular Luminous Area	Length	37 mm	Width	35 mm	Height	9 mm

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

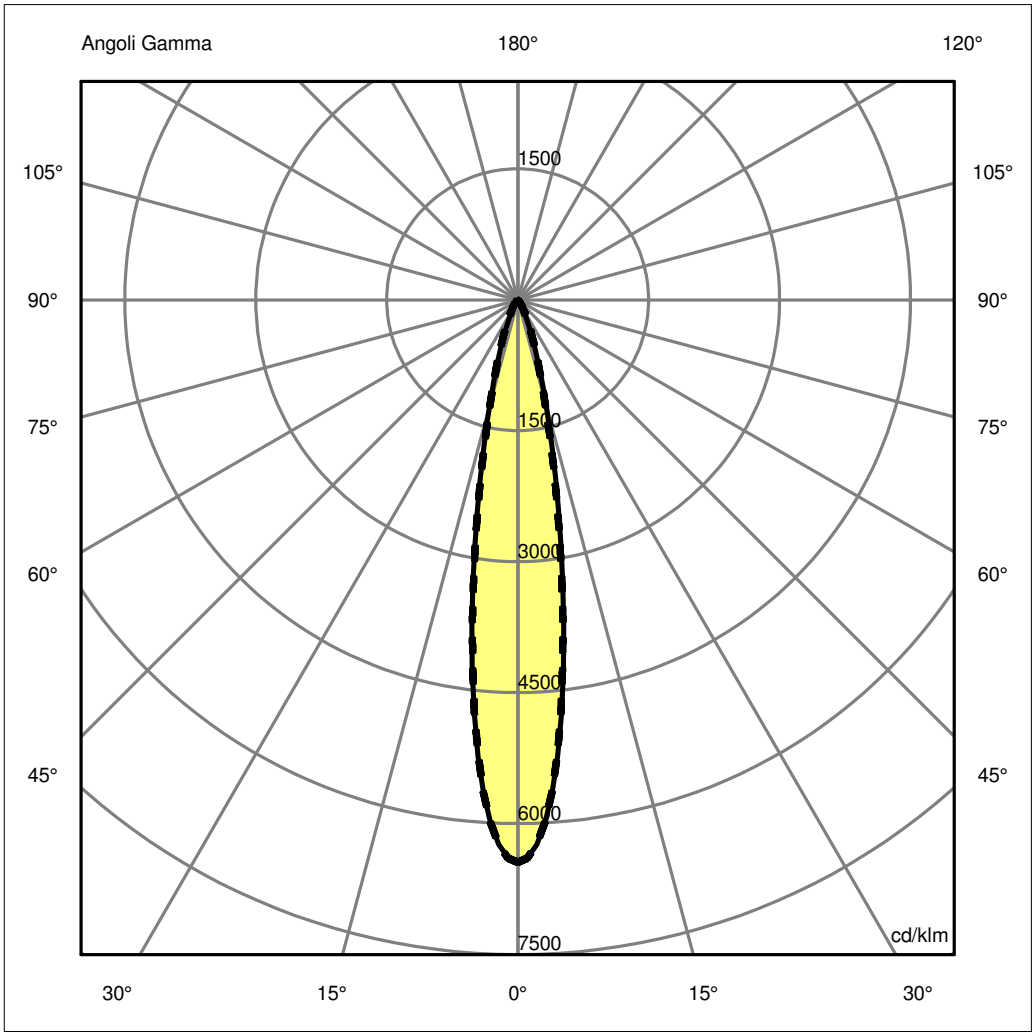
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	17-12-2014	Maximum Gamma Angle	90
Measurement Distance	0.00	Measurement Flux	463.00 lm

3000K - Imax=6400 cd/klm - LED Flux=528 lm - LED Power=7 W - Eff=88 % - EfcLED=75 lm/W - EfcLum=58 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 %
DLOR100.00 %
RN 0.00 %



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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	463.00 lm	

3000K - Imax=6400 cd/klm - LED Flux=528 lm - LED Power=7 W - Eff=88 % - EfcLED=75 lm/W - EfcLum=58 lm/W
Ra=80 min - SDCM=4 - Life=L70(6K)>50,000 ore

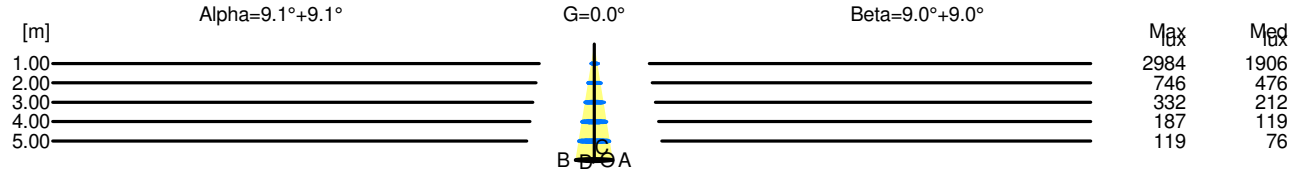
C.I.E.	95 99 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1

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	2984.13	2426.84	577.15	107.70	29.28	13.59	8.50	6.08	3.92	1.44
OB	2984.13	2426.84	577.15	107.70	29.28	13.59	8.50	6.08	3.92	1.44
OC	2984.13	2416.39	556.25	122.33	33.46	13.59	7.52	3.59	0.00	0.00
OD	2984.13	2416.39	556.25	122.33	33.46	13.59	7.52	3.59	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=9.1°+9.1°	G=0.0
1.00	0.32	2984	1906		
2.00	0.64	746	476		
3.00	0.97	332	212		
4.00	1.29	187	119		
5.00	1.61	119	76		

H[m]	D[m]	Max lux	Med lux	Beta=9.0°+9.0°	G=0.0
1.00	0.32	2984	1906		
2.00	0.63	746	476		
3.00	0.95	332	212		
4.00	1.27	187	119		
5.00	1.59	119	76		

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Lamps Flux	463.00 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	12.7	13.4	12.9	13.6	13.5	12.4	13.1	12.6	13.3	13.5
x=2H y=3H	13.7	14.3	14.0	14.5	13.8	12.7	13.3	13.0	13.5	13.8
x=2H y=4H	14.2	14.8	14.5	15.1	13.7	12.6	13.2	12.9	13.5	13.7
x=2H y=6H	14.5	15.1	14.9	15.4	13.7	12.6	13.1	12.9	13.4	13.7
x=2H y=8H	14.7	15.2	15.0	15.5	13.6	12.5	13.0	12.9	13.3	13.6
x=2H y=12H	14.8	15.3	15.1	15.6	13.6	12.5	13.0	12.8	13.3	13.6
x=4H y=2H	13.0	13.5	13.3	13.8	13.8	12.7	13.3	13.0	13.5	13.8
x=4H y=3H	14.1	14.6	14.5	14.9	14.2	13.1	13.6	13.4	13.9	14.2
x=4H y=4H	14.8	15.2	15.1	15.5	14.2	13.1	13.5	13.4	13.8	14.2
x=4H y=6H	15.1	15.5	15.5	15.8	14.1	13.0	13.3	13.4	13.7	14.1
x=4H y=8H	15.4	15.7	15.8	16.0	14.0	13.0	13.3	13.4	13.7	14.0
x=4H y=12H	15.5	15.8	15.9	16.2	14.0	12.9	13.2	13.3	13.6	14.0
x=8H y=4H	14.8	15.1	15.2	15.5	14.3	13.2	13.5	13.6	13.9	14.3
x=8H y=6H	15.2	15.5	15.7	15.9	14.2	13.1	13.3	13.5	13.7	14.2
x=8H y=8H	15.5	15.7	16.0	16.1	14.1	13.0	13.2	13.5	13.7	14.1
x=8H y=12H	15.7	15.8	16.2	16.3	14.1	13.0	13.1	13.5	13.6	14.1
x=12H y=4H	14.7	15.0	15.1	15.4	14.3	13.2	13.4	13.6	13.8	14.3
x=12H y=6H	15.2	15.4	15.7	15.8	14.2	13.1	13.3	13.5	13.7	14.2
x=12H y=8H	15.5	15.6	15.9	16.1	14.2	13.0	13.2	13.5	13.6	14.2