

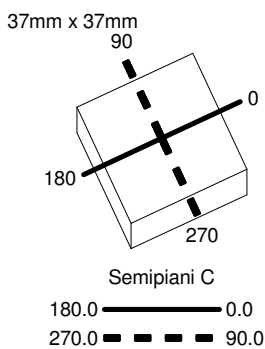
## Luminaire

Code M029004  
Name 37 CUBE SEMINCASSO LED WIDE 4000K

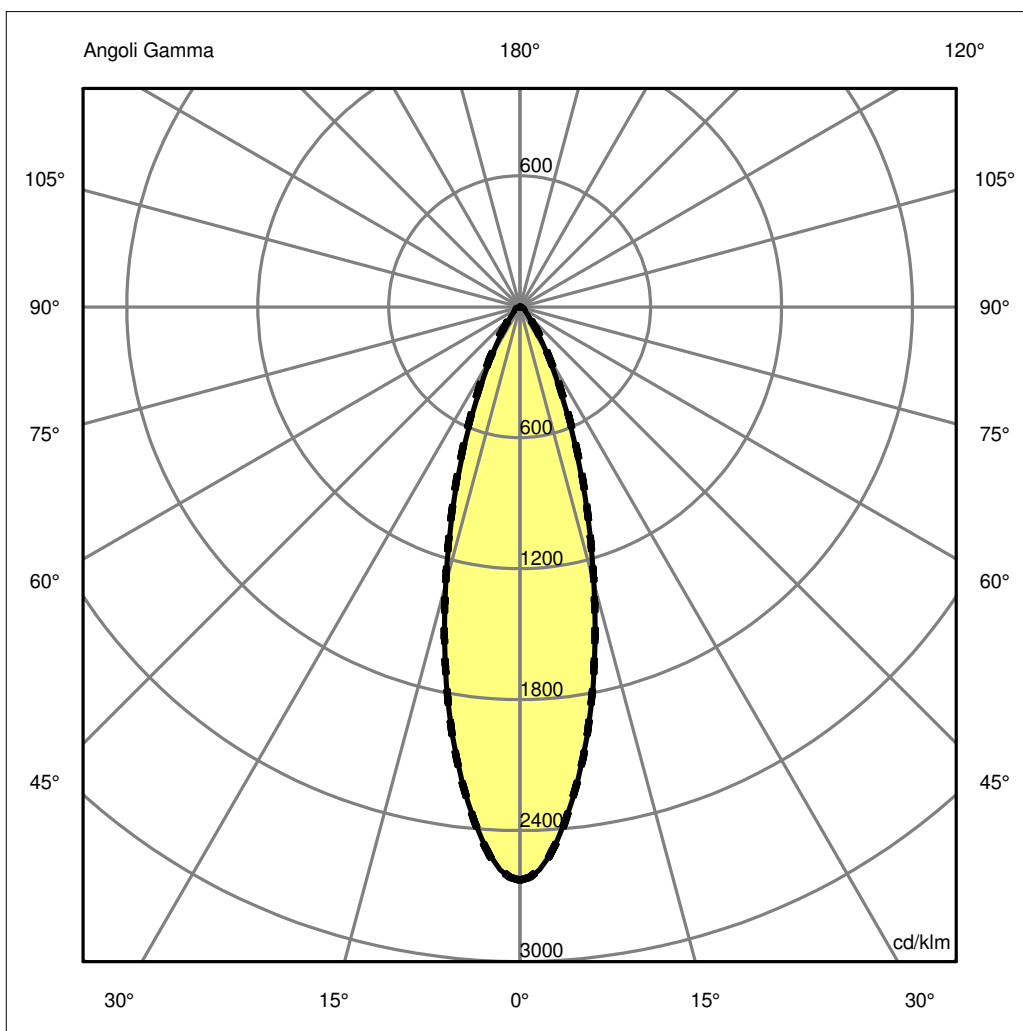
## Measurem.

Code FTS1400876  
Name 37 CUBE SEMINCASSO LED WIDE 4000K

Luminaire Flux	501.00 lm	Luminaire Power	8.00 W	Efficacy	62.62 lm/W	Efficiency	100.00%
Lamps Flux	501.00 lm	Maximum value	2627.67 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 m <sup>2</sup>		Emitting area on Plane 180°		0.000370 m <sup>2</sup>	
Emitting area on Plane 0°		0.000370 m <sup>2</sup>		Emitting area on Plane 270°		0.000350 m <sup>2</sup>	
Emitting area on Plane 90°		0.000350 m <sup>2</sup>		Glare area at 76°		0.000672 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		17-12-2014		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		501.00 lm	
4000K - I <sub>max</sub> =2600 cd/klm - LED Flux=565 lm - LED Power=7 W - Eff=89 % - EfcLED=81 lm/W - EfcLum=63 lm/W Ra=80 min - SDCM=4 - Life=L70(6K)>50,000 ore							
C.I.E.	90 96 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



## Luminaire

Code M029004  
Name 37 CUBE SEMINCASSO LED WIDE 4000K

## Measurment.

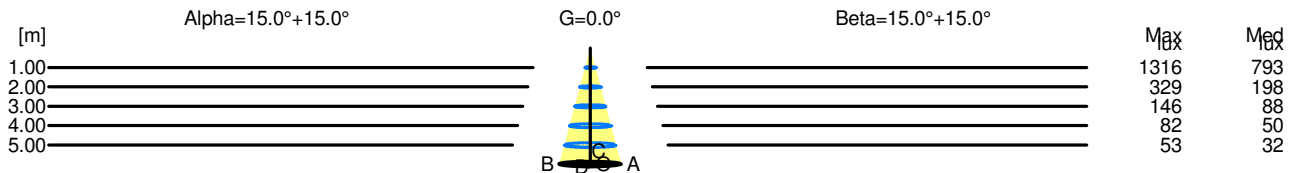
Code FTS1400876  
Name 37 CUBE SEMINCASSO LED WIDE 4000K

Luminaire Flux	501.00 lm	Luminaire Power	8.00 W	Efficacy	62.62 lm/W	Efficiency	100.00%
Lamps Flux	501.00 lm	Maximum value	2627.67 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		501.00 lm	
4000K - I <sub>max</sub> =2600 cd/klm - LED Flux=565 lm - LED Power=7 W - Eff=89 % - E <sub>fc</sub> LED=81 lm/W - E <sub>fc</sub> Lum=63 lm/W Ra=80 min - SDCM=4 - Life=L70(6K)>50,000 ore							
C.I.E.	90 96 99 100 100			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	0.27	0.54	0.80	1.07	1.34	OC	0.27	0.54	0.80	1.07	1.34
OB	0.27	0.54	0.80	1.07	1.34	OD	0.27	0.54	0.80	1.07	1.34

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1316.46	1187.17	656.98	236.14	68.49	25.32	14.95	12.27	9.37	7.08
OB	1316.46	1187.17	656.98	236.14	68.49	25.32	14.95	12.27	9.37	7.08
OC	1316.46	1187.88	658.78	249.52	75.91	25.04	12.19	8.38	4.92	1.12
OD	1316.46	1187.88	658.78	249.52	75.91	25.04	12.19	8.38	4.92	1.12



H[m]	D[m]	Max lux	Med lux	Alpha=15.0°+15.0°	G=0.0
1.00	0.54	1316	793		
2.00	1.07	329	198		
3.00	1.61	146	88		
4.00	2.14	82	50		
5.00	2.68	53	32		

H[m]	D[m]	Max lux	Med lux	Beta=15.0°+15.0°	G=0.0
1.00	0.54	1316	793		
2.00	1.07	329	198		
3.00	1.61	146	88		
4.00	2.15	82	50		
5.00	2.68	53	32		

**Luminaire**

Code M029004  
Name 37 CUBE SEMINCASSO LED WIDE 4000K

**Measurerm.**

Code FTS1400876  
Name 37 CUBE SEMINCASSO LED WIDE 4000K

Luminaire Flux	501.00 lm	Luminaire Power	8.00 W	Efficacy	62.62 lm/W	Efficiency	100.00%
Lamps Flux	501.00 lm	Maximum value	2627.67 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	17.3	18.1	17.6	18.3	17.8	16.7	17.4	16.9	17.6	17.8
x=2H y=3H	18.6	19.3	18.9	19.5	18.5	17.4	18.1	17.6	18.3	18.5
x=2H y=4H	19.4	20.0	19.7	20.3	18.8	17.7	18.3	18.0	18.6	18.8
x=2H y=6H	20.2	20.8	20.5	21.1	19.1	17.9	18.5	18.2	18.8	19.1
x=2H y=8H	20.6	21.2	20.9	21.5	19.2	18.0	18.6	18.3	18.8	19.2
x=2H y=12H	21.0	21.6	21.4	21.9	19.2	18.0	18.5	18.3	18.9	19.2
x=4H y=2H	17.6	18.3	17.9	18.5	18.2	17.0	17.7	17.3	18.0	18.2
x=4H y=3H	19.1	19.7	19.5	20.0	19.1	17.9	18.5	18.3	18.8	19.1
x=4H y=4H	20.1	20.5	20.4	20.9	19.5	18.4	18.9	18.8	19.2	19.5
x=4H y=6H	21.1	21.5	21.5	21.8	19.9	18.7	19.2	19.1	19.5	19.9
x=4H y=8H	21.6	22.0	22.0	22.4	20.0	18.8	19.2	19.3	19.6	20.0
x=4H y=12H	22.2	22.5	22.6	22.9	20.0	18.9	19.2	19.3	19.6	20.0
x=8H y=4H	20.3	20.6	20.7	21.0	19.9	18.8	19.1	19.2	19.5	19.9
x=8H y=6H	21.5	21.7	21.9	22.2	20.5	19.3	19.6	19.8	20.0	20.5
x=8H y=8H	22.1	22.4	22.6	22.8	20.6	19.5	19.7	19.9	20.2	20.6
x=8H y=12H	22.9	23.1	23.4	23.6	20.7	19.6	19.8	20.1	20.2	20.7
x=12H y=4H	20.3	20.6	20.7	21.0	20.0	18.9	19.2	19.3	19.6	20.0
x=12H y=6H	21.5	21.7	22.0	22.2	20.6	19.5	19.7	19.9	20.2	20.6
x=12H y=8H	22.2	22.5	22.7	22.9	20.9	19.7	19.9	20.2	20.4	20.9