

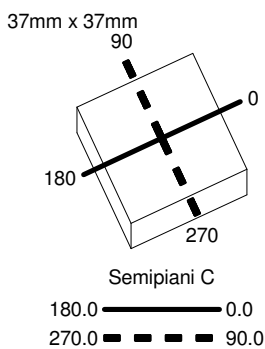
Luminaire

Code M029200
Name 37 CUBE KIT 3 PROIETTORI PER ALGORITMO LED MEDIUM 3000K

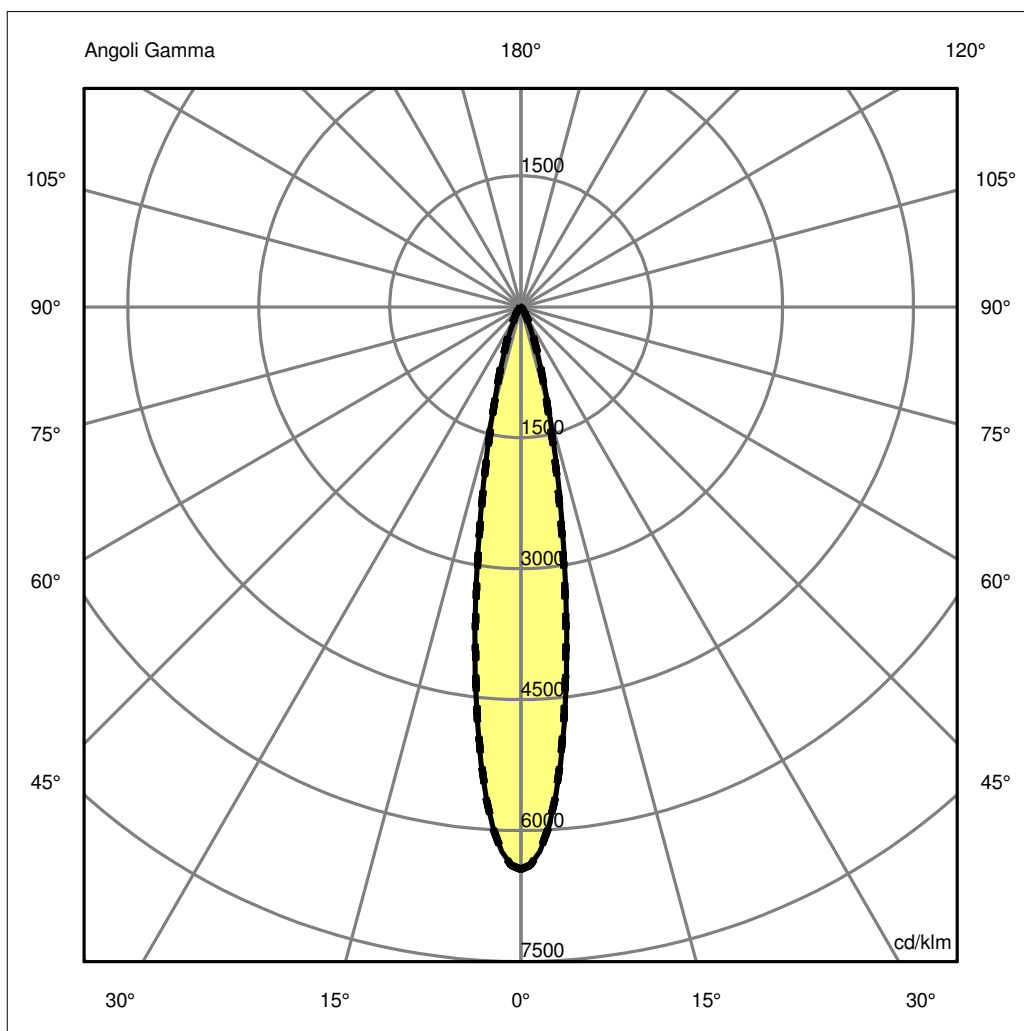
Measurment

Code FTS1400880
Name 37 CUBE KIT 3 PROIETTORI PER ALGORITMO 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 - I _{max} =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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Measur.

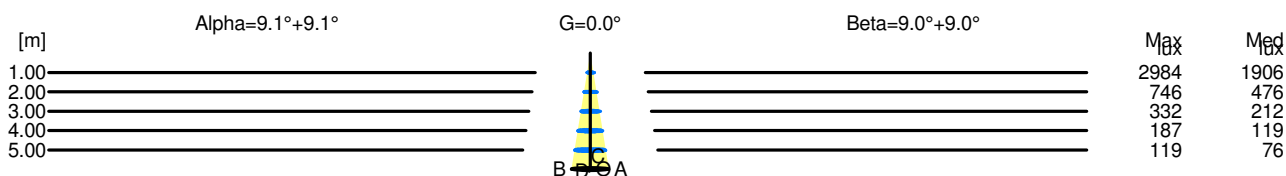
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Emitting area on Plane 90°		0.000350 m2		Glare area at 76°		0.000672 m2	
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C.I.E.	95 99 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

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	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