

Luminaire

Code 1452010APP
 Name LOOK AT ME 21 S CLUSTER 3 app comp

Measurement

Code FTS2000711
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Luminaire Flux	1380.78 lm	Luminaire Power	50.00 W	Efficacy	27.62 lm/W	Efficiency	100.00%
Sources Flux	1380.78 lm	Maximum value	539.68 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	450 mm	Height	445 mm		
Round Luminous Area		Diam.	450 mm	Height	445 mm		
Horizontal Luminous Area			0.159043 m ²	Emitting area on Plane 180°			0.200250 m ²
Emitting area on Plane 0°			0.200250 m ²	Emitting area on Plane 270°			0.200250 m ²
Emitting area on Plane 90°			0.200250 m ²	Glare area at 76°			0.232778 m ²
Coordinate system		CG		Symmetry Type			Rotosymmetrical
Date		18-08-2020		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			1380.78 lm
LED Flux=4764.6lm LED Power=46.2W Eff=29% EfcLed=103lm/W EfcLum=28lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E.	51 82 97 95 100			D DIN 5040	A41		
F UTE	0.95 D + 0.05 T			B NBN	BZ 4		

Diam=450mm



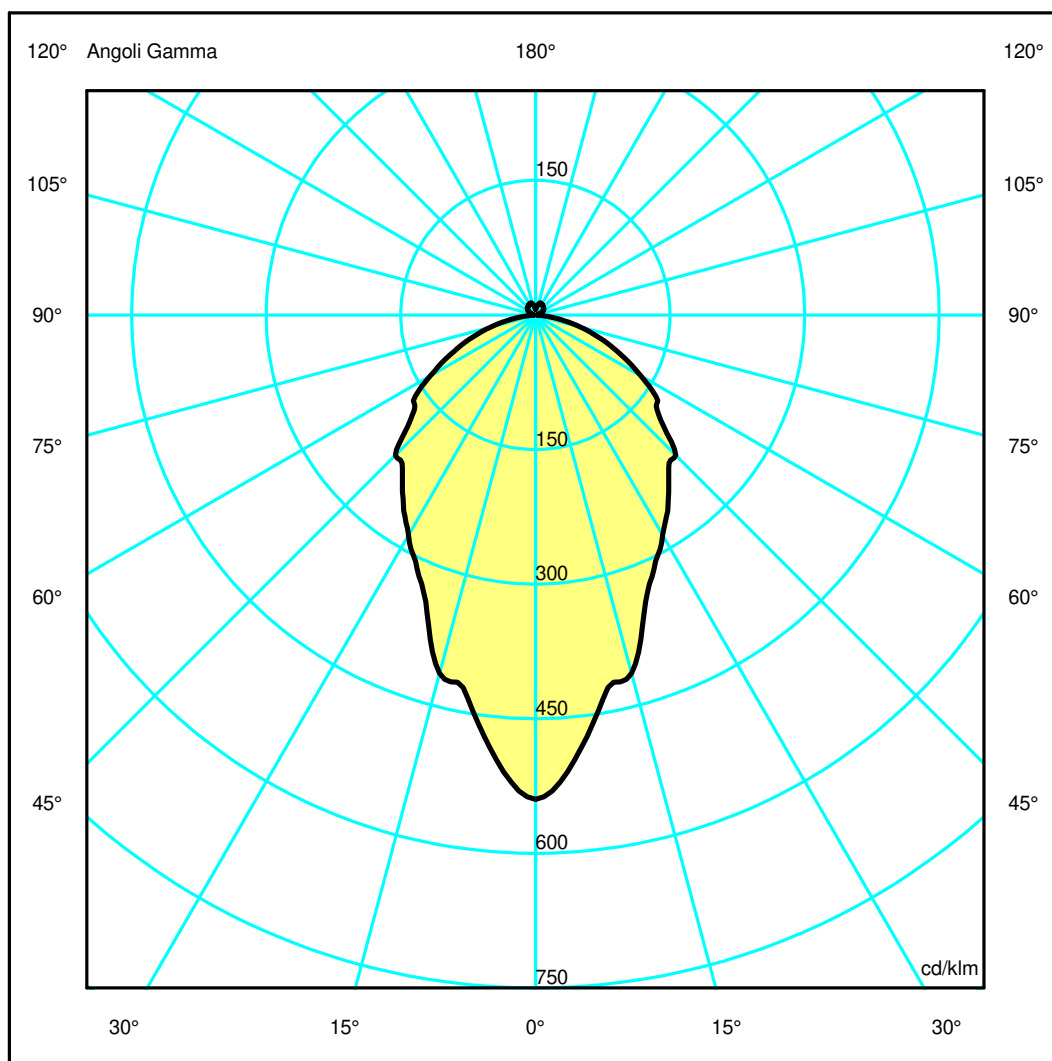
Semipiani C

180.0 ——— 0.0

ULOR 5.38 %

DLOR 94.62 %

RN 5.38 %



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Measurment.

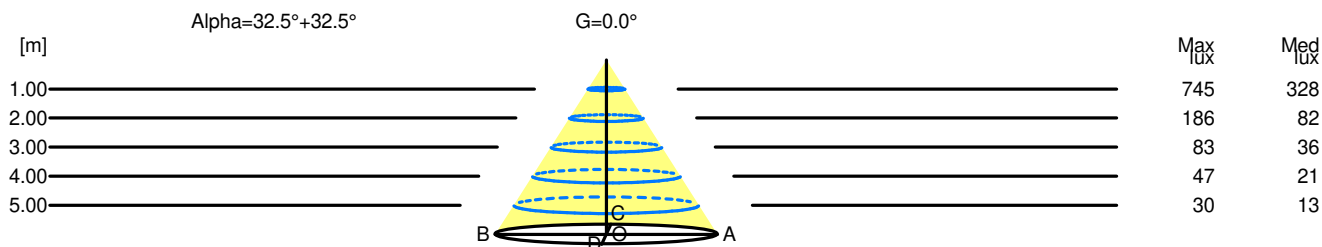
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Luminaire Flux	1380.78 lm	Luminaire Power	50.00 W	Efficacy	27.62 lm/W	Efficiency	100.00%
Sources Flux	1380.78 lm	Maximum value	539.68 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	450 mm 450 mm	Height Height	445 mm 445 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.159043 m2 0.200250 m2 0.200250 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.200250 m2 0.200250 m2 0.232778 m2	
Coordinate system Date Measurement Distance		CG 18-08-2020 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 1380.78 lm	
LED Flux=4764.6lm LED Power=46.2W Eff=29% EfcLed=103lm/W EfcLum=28lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E. F UTE	51 82 97 95 100 0.95 D + 0.05 T			D DIN 5040 B NBN	A41 BZ 4		

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	0.64	1.28	1.91	2.55	3.19	OC	0.64	1.28	1.91	2.55	3.19
OB	0.64	1.28	1.91	2.55	3.19	OD	0.64	1.28	1.91	2.55	3.19

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	745.18	687.36	570.79	431.22	355.13	305.16	229.81	145.67	71.90	14.32
OB	745.18	687.36	570.79	431.22	355.13	305.16	229.81	145.67	71.90	14.32
OC	745.18	687.36	570.79	431.22	355.13	305.16	229.81	145.67	71.90	14.32
OD	745.18	687.36	570.79	431.22	355.13	305.16	229.81	145.67	71.90	14.32



H[m]	D[m]	Max lux	Med lux	Alpha=32.5°+32.5°	G=0.0
1.00	1.28	745	328		
2.00	2.55	186	82		
3.00	3.83	83	36		
4.00	5.11	47	21		
5.00	6.38	30	13		