

Luminaire

Code BB02101_50+M239600
Name LUCERI TRIM ROUND 50W 940 MIRROR + schermo prismoptic

Measurem.

Code FTS1801338-A
Name LUCERI TRIM ROUND 50W 940 MIRROR + schermo prismoptic

Luminaire Flux	4333 lm	Luminaire Power	50.0 W	Efficacy	86.660 lm/W	Efficiency	100.00%
Source Flux	4333 lm	Maximum value	741.94 cd/klm	Position	C=0.00 G=5.00	CG	Rotosymmetrical
Round Luminaire		Diam.	211 mm	Height	215 mm		
Round Luminous Area		Diam.	209 mm	Height	0 mm		
Horizontal Luminous Area		0.034307 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.008300 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		25-03-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4333 lm	
LED Flux=6131lm LED Power=50W Eff=71% EfcLed=123lm/W EfcLum=87lm/W CCT=4000K Ra=90 R9=50 SDCM=1 L70(9k)=50000h							
C.I.E.	77 96 99 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 1		

Diam=211mm



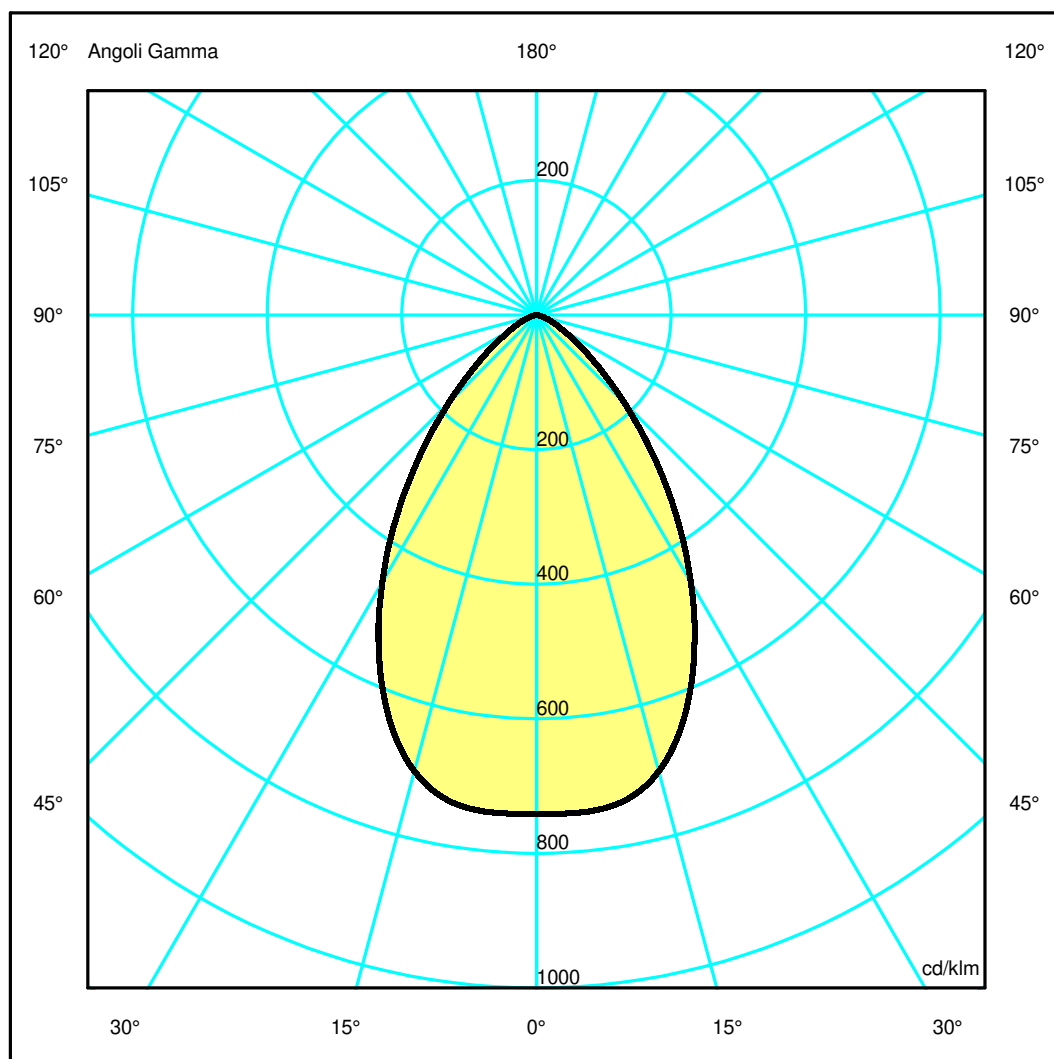
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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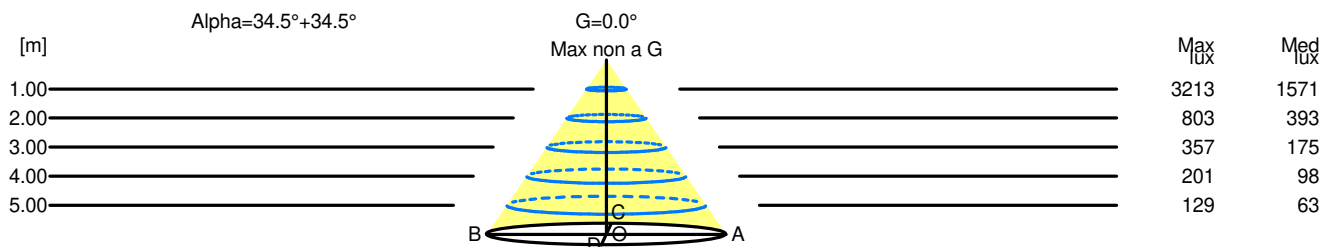
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C.I.E.	77 96 99 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 1		

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	0.69	1.37	2.06	2.75	3.43	OC	0.69	1.37	2.06	2.75	3.43
OB	0.69	1.37	2.06	2.75	3.43	OD	0.69	1.37	2.06	2.75	3.43

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3213.36	3214.82	3040.86	2401.13	1561.29	801.29	328.50	124.77	40.55	7.04
OB	3213.36	3214.82	3040.86	2401.13	1561.29	801.29	328.50	124.77	40.55	7.04
OC	3213.36	3214.82	3040.86	2401.13	1561.29	801.29	328.50	124.77	40.55	7.04
OD	3213.36	3214.82	3040.86	2401.13	1561.29	801.29	328.50	124.77	40.55	7.04



H[m]	D[m]	Max lux	Med lux	Alpha=34.5°+34.5°	G=0.0 Max non a G
1.00	1.37	3213	1571		
2.00	2.75	803	393		
3.00	4.12	357	175		
4.00	5.49	201	98		
5.00	6.86	129	63		