

Luminaire

Code BB00400_50
Name LUCERI TLESS ROUND 50W 940 COMFORT

Measurement

Code FTS1801144-A
Name LUCERI TLESS ROUND 50W 940 COMFORT

Luminaire Flux	4971 lm	Luminaire Power	50.0 W	Efficacy	99.420 lm/W	Efficiency	100.00%
Source Flux	4971 lm	Maximum value	738.97 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	211 mm	Height	215 mm		
Round Luminous Area		Diam.	200 mm	Height	0 mm		
Horizontal Luminous Area		0.031416 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°		0.007600 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		25-03-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4971 lm	
LED Flux=6131lm LED Power=50W Eff=81% EfcLed=123lm/W EfcLum=99lm/W CCT=4000K Ra=90 R9=50 SDCM=1 L70(10k)=50000h							
C.I.E.	77 92 99 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 1 / 1.5 / BZ 2		

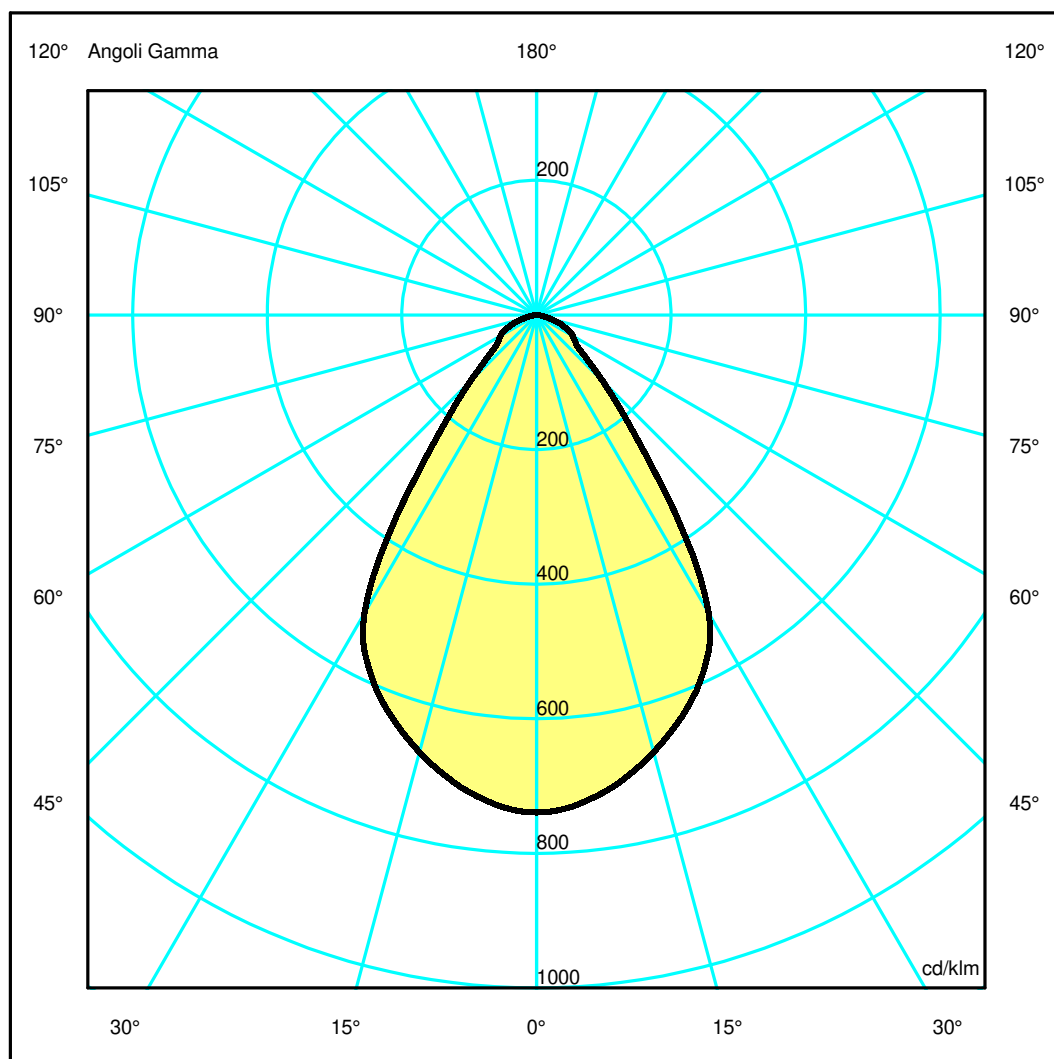
Diam=211mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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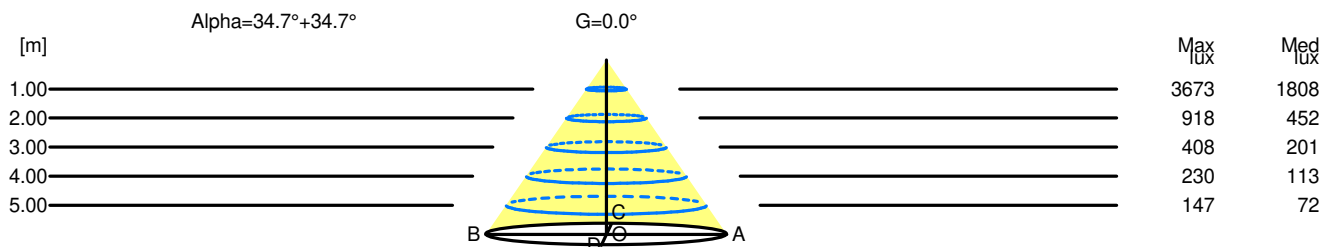
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Width at 50.00 % of Max Intensity

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	1.38	2.07	2.77	3.46	OC	0.69	1.38	2.07	2.77	3.46
OB	0.69	1.38	2.07	2.77	3.46	OD	0.69	1.38	2.07	2.77	3.46

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3673.41	3624.28	3342.46	2911.84	1779.14	694.49	347.60	253.53	105.77	14.19
OB	3673.41	3624.28	3342.46	2911.84	1779.14	694.49	347.60	253.53	105.77	14.19
OC	3673.41	3624.28	3342.46	2911.84	1779.14	694.49	347.60	253.53	105.77	14.19
OD	3673.41	3624.28	3342.46	2911.84	1779.14	694.49	347.60	253.53	105.77	14.19



H[m]	D[m]	Max lux	Med lux	Alpha=34.7°+34.7°	G=0.0
1.00	1.38	3673	1808		
2.00	2.77	918	452		
3.00	4.15	408	201		
4.00	5.53	230	113		
5.00	6.91	147	72		