

Luminaire

Code CK03804
Name HOY SPOT LENS 65 SEMI RCS 4000K WF NRO

Measurem.

Code FTS2600133
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Luminaire Flux	1808 lm	Luminaire Power	15.5 W	Efficacy	116.645 lm/W	Efficiency	100.00%
Source Flux	1808 lm	Maximum value	2958.30 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	65 mm	Height	85 mm		
Round Luminous Area		Diam.	45 mm	Height	0 mm		
Horizontal Luminous Area		0.001590 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°		0.000385 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		26-03-2026		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1808 lm	
LED Flux=2220lm LED Power=14W Eff=81% EfcLed=162lm/W EfcLum=117lm/W CCT=4000K Ra=90 R9=50 SDCM=2 L70(17k)=50000h							
C.I.E.	98	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

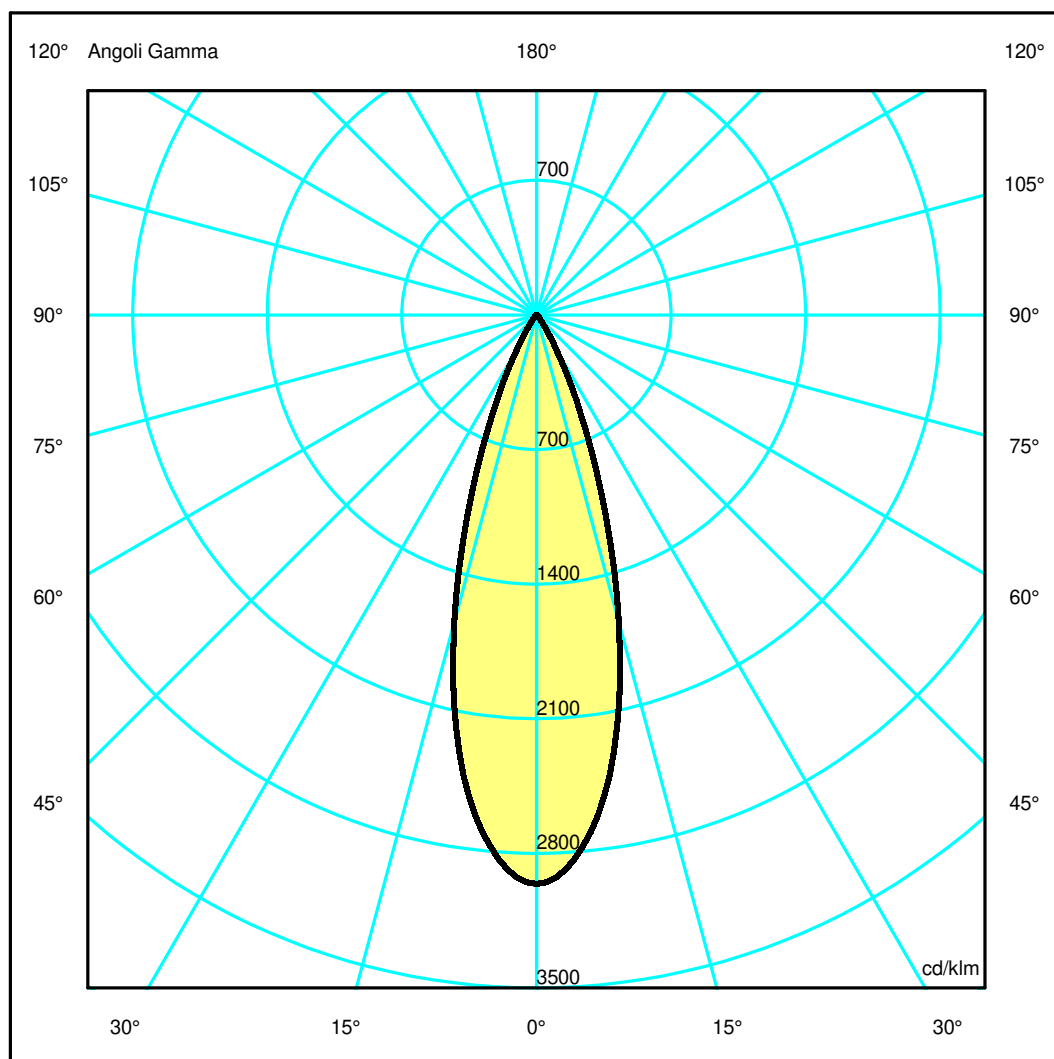
Diam=65mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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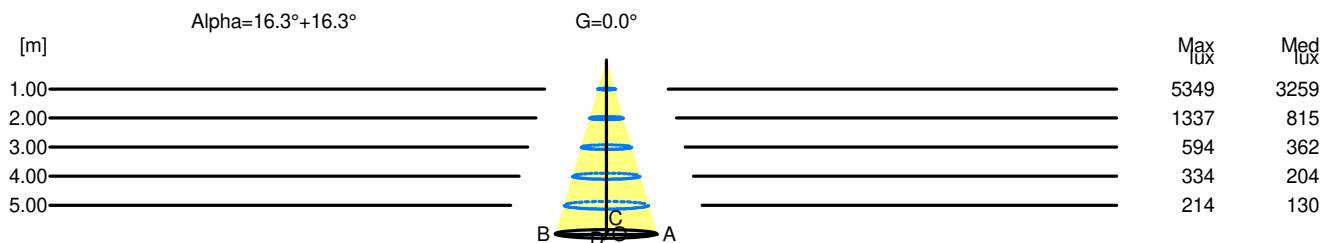
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F UTE	--					B NBN	BZ 1

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	0.29	0.58	0.88	1.17	1.46	OC	0.29	0.58	0.88	1.17	1.46
OB	0.29	0.58	0.88	1.17	1.46	OD	0.29	0.58	0.88	1.17	1.46

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5348.61	5012.69	2988.63	886.55	119.19	29.78	8.48	3.57	1.35	0.36
OB	5348.61	5012.69	2988.63	886.55	119.19	29.78	8.48	3.57	1.35	0.36
OC	5348.61	5012.69	2988.63	886.55	119.19	29.78	8.48	3.57	1.35	0.36
OD	5348.61	5012.69	2988.63	886.55	119.19	29.78	8.48	3.57	1.35	0.36



H[m]	D[m]	Max lux	Med lux	Alpha=16.3°+16.3°	G=0.0
1.00	0.58	5349	3259		
2.00	1.17	1337	815		
3.00	1.75	594	362		
4.00	2.33	334	204		
5.00	2.92	214	130		