

Luminaire

Code CK03401
Name HOY SPOT LENS 65 SEMI RCS 3000K FL BCO

Measurem.

Code FTS2600128
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Luminaire Flux	1544 lm	Luminaire Power	15.5 W	Efficacy	99.613 lm/W	Efficiency	100.00%
Source Flux	1544 lm	Maximum value	4514.22 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		25-03-2026		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1544 lm	
LED Flux=2053lm LED Power=14W Eff=75% EfcLed=150lm/W EfcLum=100lm/W CCT=3000K 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

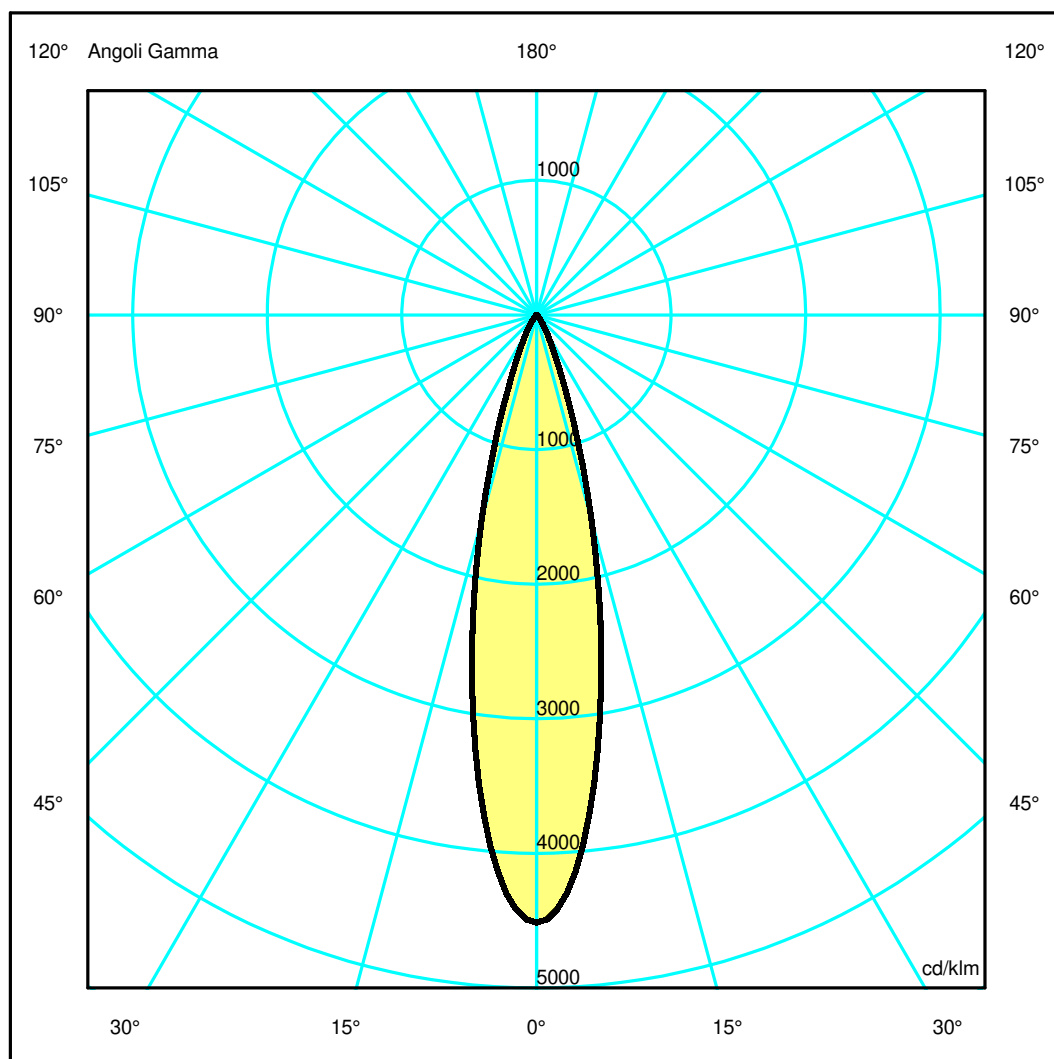
Diam=65mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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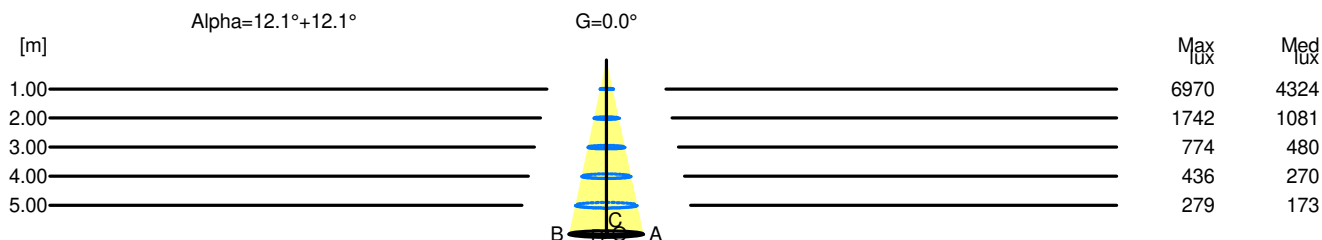
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F UTE	--					B NBN	BZ 1

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	0.21	0.43	0.64	0.85	1.07	OC	0.21	0.43	0.64	0.85	1.07
OB	0.21	0.43	0.64	0.85	1.07	OD	0.21	0.43	0.64	0.85	1.07

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6969.95	6106.96	2441.99	490.04	112.70	30.49	8.78	3.78	1.46	0.31
OB	6969.95	6106.96	2441.99	490.04	112.70	30.49	8.78	3.78	1.46	0.31
OC	6969.95	6106.96	2441.99	490.04	112.70	30.49	8.78	3.78	1.46	0.31
OD	6969.95	6106.96	2441.99	490.04	112.70	30.49	8.78	3.78	1.46	0.31



H[m]	D[m]	Max lux	Med lux	Alpha=12.1°+12.1°	G=0.0
1.00	0.43	6970	4324		
2.00	0.85	1742	1081		
3.00	1.28	774	480		
4.00	1.71	436	270		
5.00	2.14	279	173		