

Luminaire

Code CK03201
Name HOY SPOT LENS 65 SEMI RCS 4000K SP BCO

Measurem.

Code FTS2600131
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Luminaire Flux	1782 lm	Luminaire Power	15.5 W	Efficacy	114.968 lm/W	Efficiency	100.00%
Source Flux	1782 lm	Maximum value	6463.79 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		24-03-2026		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1782 lm	
LED Flux=2220lm LED Power=14W Eff=80% EfcLed=162lm/W EfcLum=115lm/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

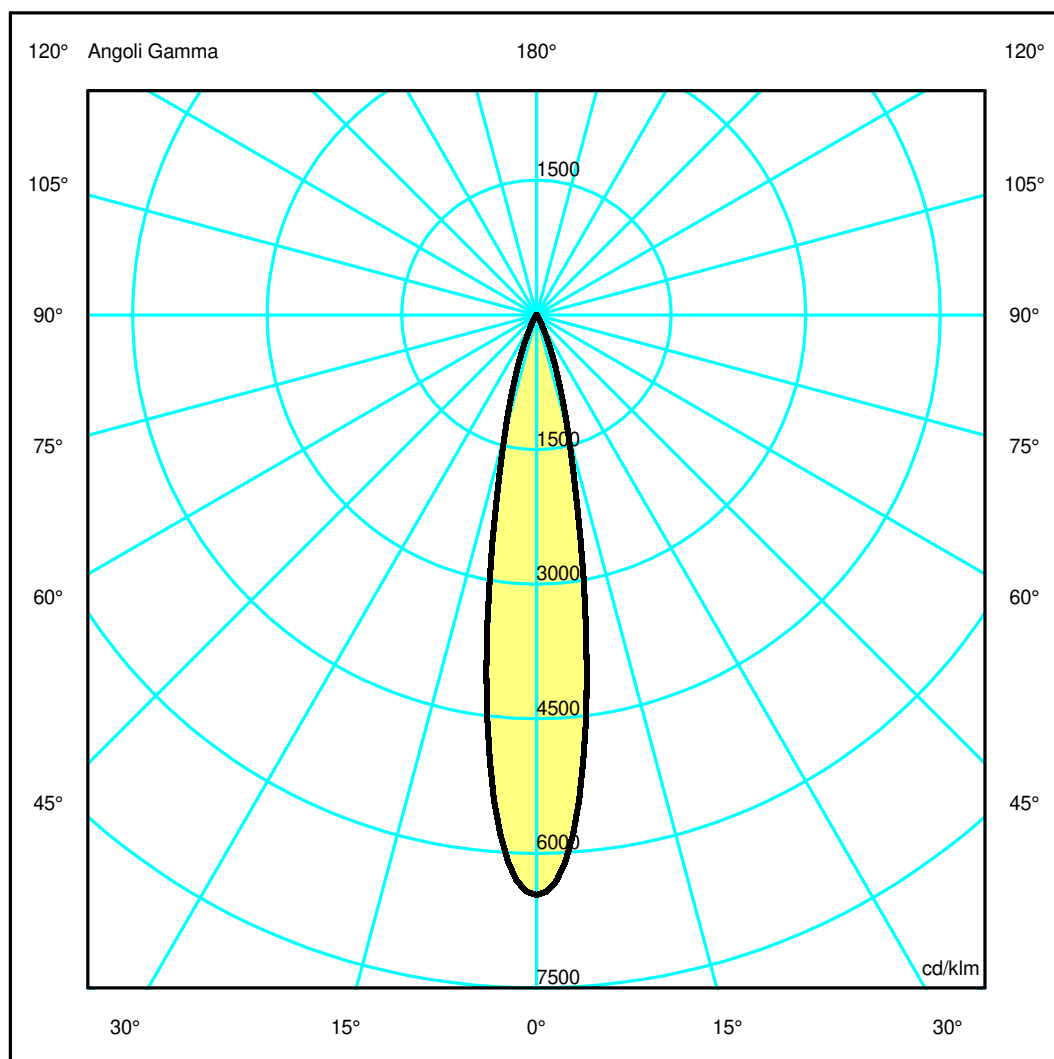
Diam=65mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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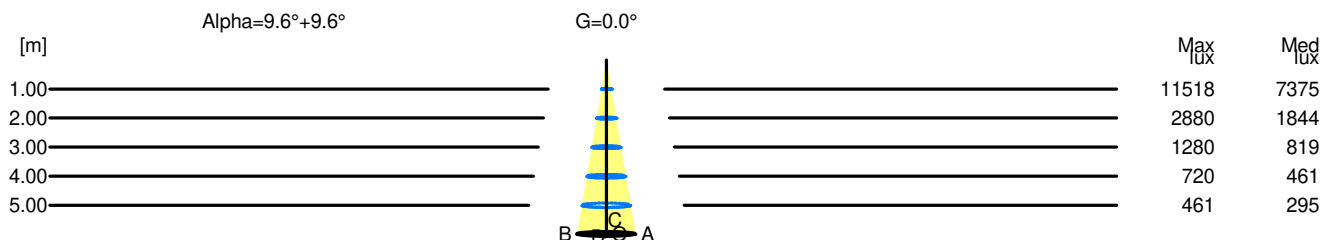
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Width at 50.00 % of Max Intensity

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	0.17	0.34	0.51	0.67	0.84	OC	0.17	0.34	0.51	0.67	0.84
OB	0.17	0.34	0.51	0.67	0.84	OD	0.17	0.34	0.51	0.67	0.84

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	11518.48	9675.75	2440.19	426.43	66.52	26.35	9.77	4.52	1.37	0.33
OB	11518.48	9675.75	2440.19	426.43	66.52	26.35	9.77	4.52	1.37	0.33
OC	11518.48	9675.75	2440.19	426.43	66.52	26.35	9.77	4.52	1.37	0.33
OD	11518.48	9675.75	2440.19	426.43	66.52	26.35	9.77	4.52	1.37	0.33



H[m]	D[m]	Max lux	Med lux	Alpha=9.6°+9.6°	G=0.0
1.00	0.34	11518	7375		
2.00	0.67	2880	1844		
3.00	1.01	1280	819		
4.00	1.35	720	461		
5.00	1.69	461	295		