

Luminaire

Code CK03901
Name HOY SPOT LENS 65 SEMI RCS 2700K XF BCO

Measurem.

Code FTS2600126
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Luminaire Flux	1483 lm	Luminaire Power	15.5 W	Efficacy	95.677 lm/W	Efficiency	100.00%
Source Flux	1483 lm	Maximum value	1278.16 cd/klm	Position	C=0.00 G=5.00	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		30-03-2026		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1483 lm	
LED Flux=1944lm LED Power=14W Eff=76% EfcLed=142lm/W EfcLum=96lm/W CCT=2700K Ra=90 R9=50 SDCM=2 L70(17k)=50000h							
C.I.E.	97	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

Diam=65mm



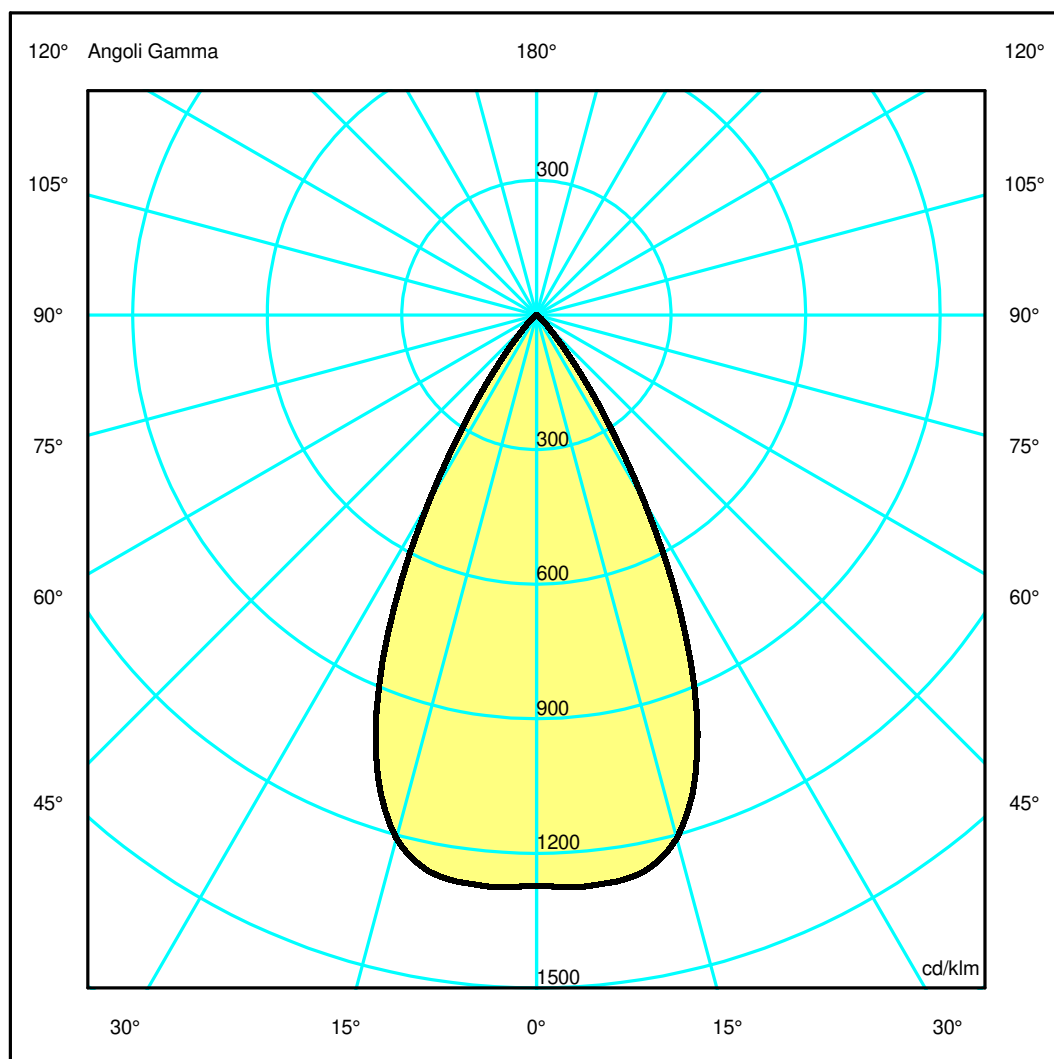
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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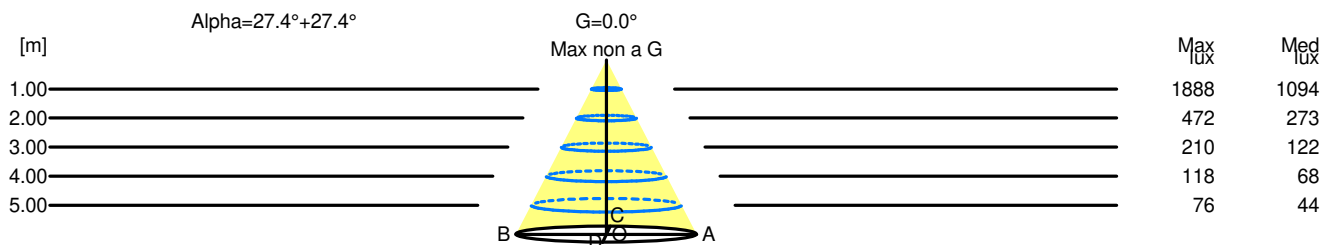
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F UTE	--					B NBN	BZ 1

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	0.52	1.04	1.55	2.07	2.59	OC	0.52	1.04	1.55	2.07	2.59
OB	0.52	1.04	1.55	2.07	2.59	OD	0.52	1.04	1.55	2.07	2.59

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1886.46	1895.51	1790.44	1164.45	342.48	50.44	10.32	3.77	1.14	0.34
OB	1886.46	1895.51	1790.44	1164.45	342.48	50.44	10.32	3.77	1.14	0.34
OC	1886.46	1895.51	1790.44	1164.45	342.48	50.44	10.32	3.77	1.14	0.34
OD	1886.46	1895.51	1790.44	1164.45	342.48	50.44	10.32	3.77	1.14	0.34



H[m]	D[m]	Max lux	Med lux	Alpha=27.4°+27.4°	G=0.0 Max non a G
1.00	1.04	1888	1094		
2.00	2.07	472	273		
3.00	3.11	210	122		
4.00	4.15	118	68		
5.00	5.18	76	44		