

Luminaire

Code CK03204
Name HOY SPOT LENS 65 SEMI RCS 4000K SP NRO

Measurem.

Code FTS2600131
Name HOY SPOT LENS 65 SEMI RCS 4000K SP NRO

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

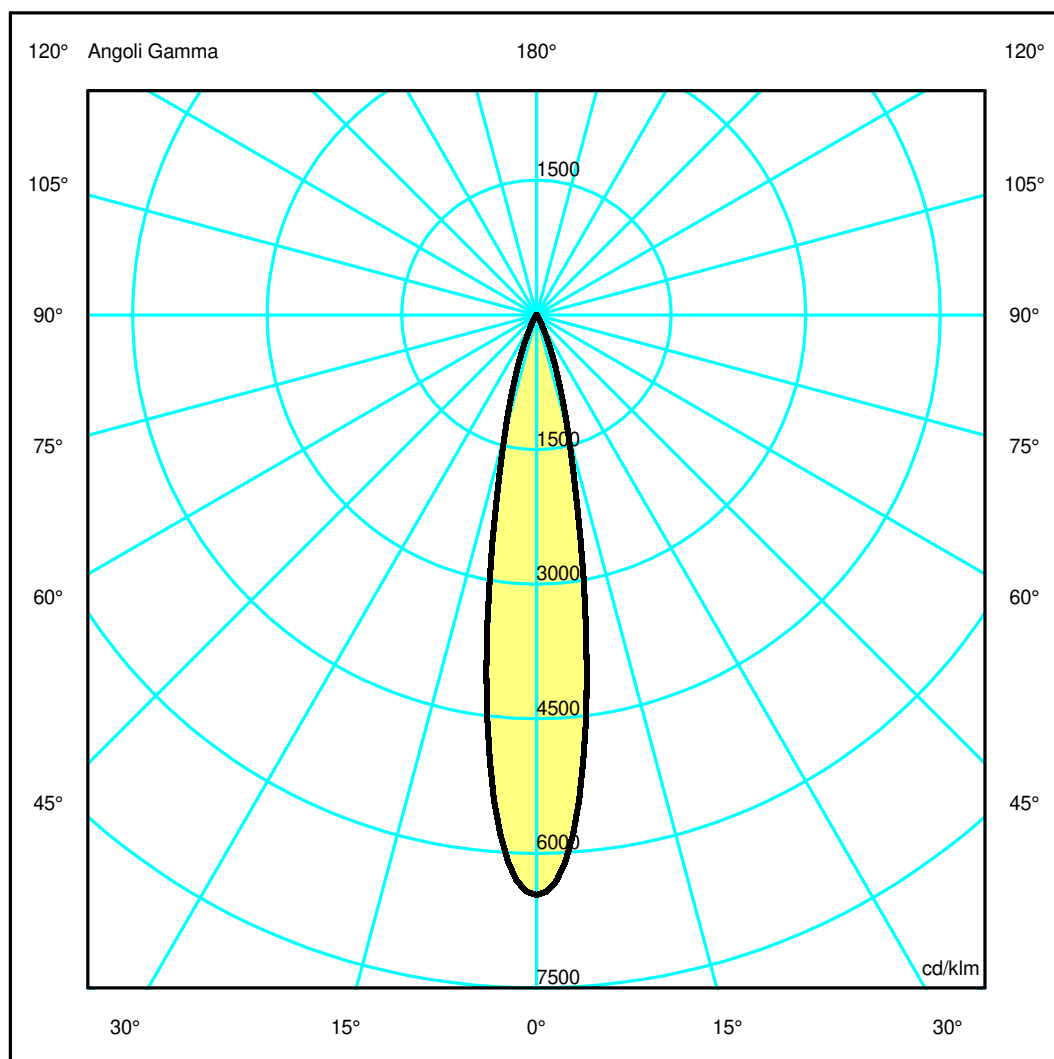
Diam=65mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire

Code CK03204
Name HOY SPOT LENS 65 SEMI RCS 4000K SP NRO

Measurem.

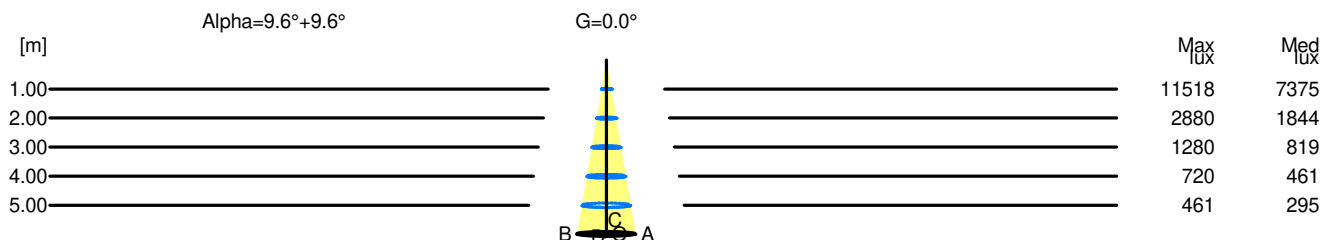
Code FTS2600131
Name HOY SPOT LENS 65 SEMI RCS 4000K SP NRO

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

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		