

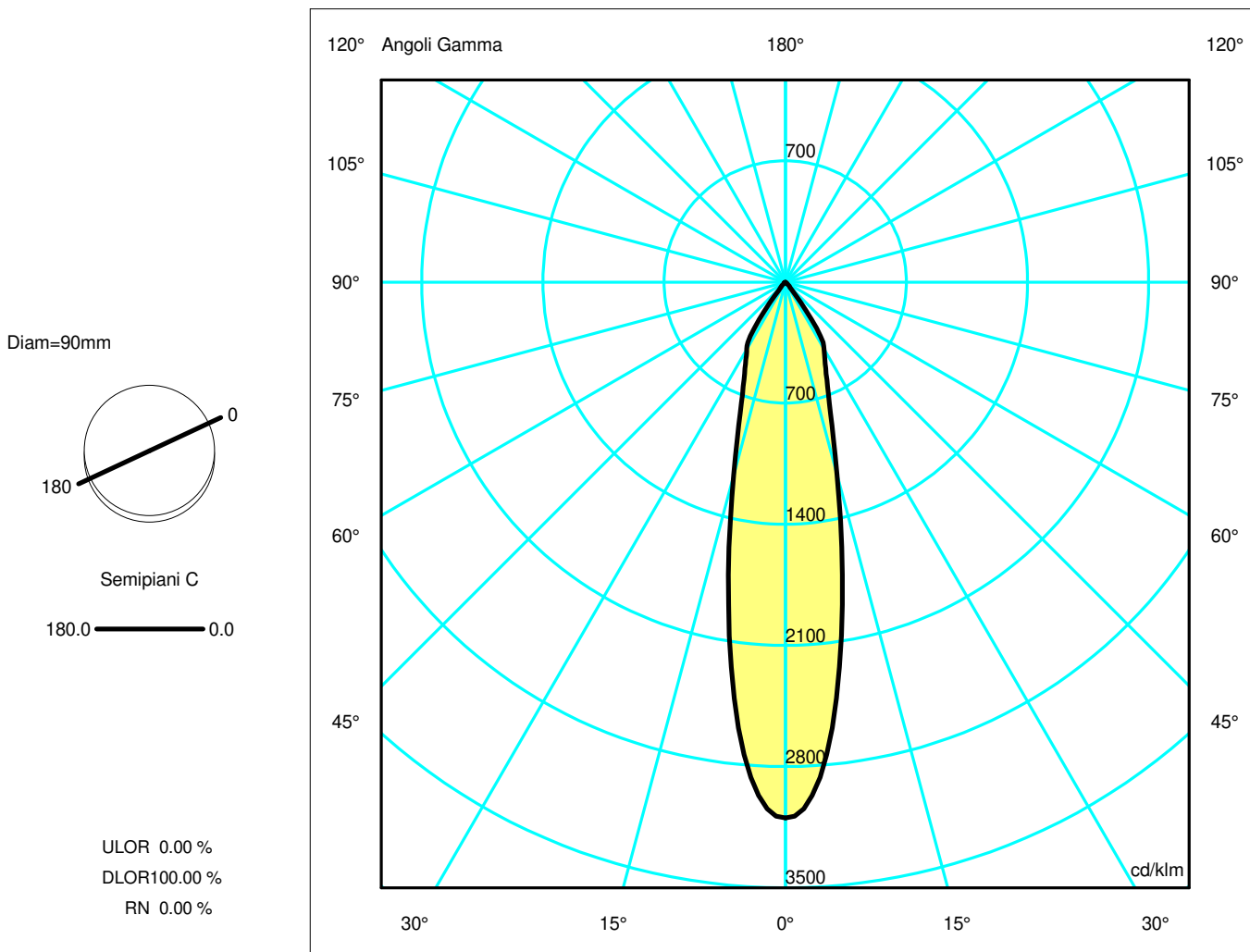
Luminaire

Code BM21104
Name HOY SPOT BIN OR 4000K FL ND NRO OTK

Measurem.

Code FTS2000695
Name HOY SPOT BIN OR 4000K FL ND NRO OTK

Luminaire Flux	2036.94 lm	Luminaire Power	22.00 W	Efficacy	92.59 lm/W	Efficiency	100.00%
Lamps Flux	2036.94 lm	Maximum value	3096.14 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	90 mm 69 mm	Height Height	188 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.003739 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.000905 m2	
Coordinate system Date Measurement Distance		CG 22-11-2019 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 2036.94 lm	
LED Flux=2608.5lm LED Power=19W Eff=78% EfcLed=137lm/W EfcLum=93lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E. F UTE	98 100 100 100 100 --			D DIN 5040 B NBN	A60 BZ 1		



Luminaire

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Measur.

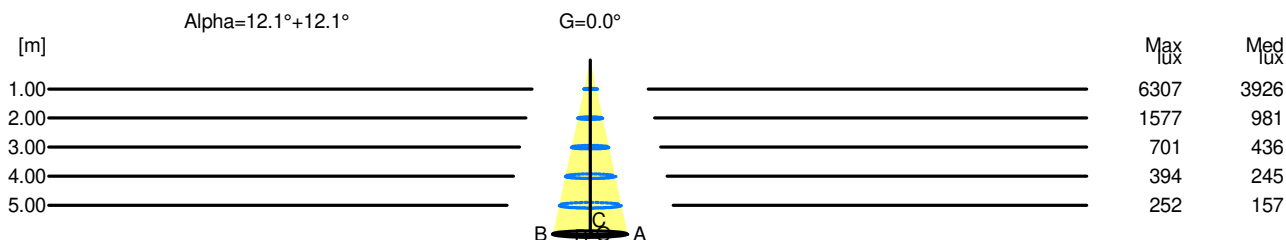
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Round Luminaire Round Luminous Area		Diam. Diam.	90 mm 69 mm	Height Height	188 mm 0 mm		
Horizontal Luminous Area		0.003739 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000905 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-11-2019		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2036.94 lm	
LED Flux=2608.5lm LED Power=19W Eff=78% EfcLed=137lm/W EfcLum=93lm/W CCT=4000K Ra=90 SDCM=2 L70(6K)=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	0.21	0.43	0.64	0.86	1.07	OC	0.21	0.43	0.64	0.86	1.07
OB	0.21	0.43	0.64	0.86	1.07	OD	0.21	0.43	0.64	0.86	1.07

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6306.66	5580.23	2351.30	1122.61	539.17	48.67	11.60	5.66	1.66	0.46
OB	6306.66	5580.23	2351.30	1122.61	539.17	48.67	11.60	5.66	1.66	0.46
OC	6306.66	5580.23	2351.30	1122.61	539.17	48.67	11.60	5.66	1.66	0.46
OD	6306.66	5580.23	2351.30	1122.61	539.17	48.67	11.60	5.66	1.66	0.46



H[m]	D[m]	Max lux	Med lux	Alpha=12.1°+12.1°	G=0.0
1.00	0.43	6307	3926		
2.00	0.86	1577	981		
3.00	1.29	701	436		
4.00	1.72	394	245		
5.00	2.15	252	157		