

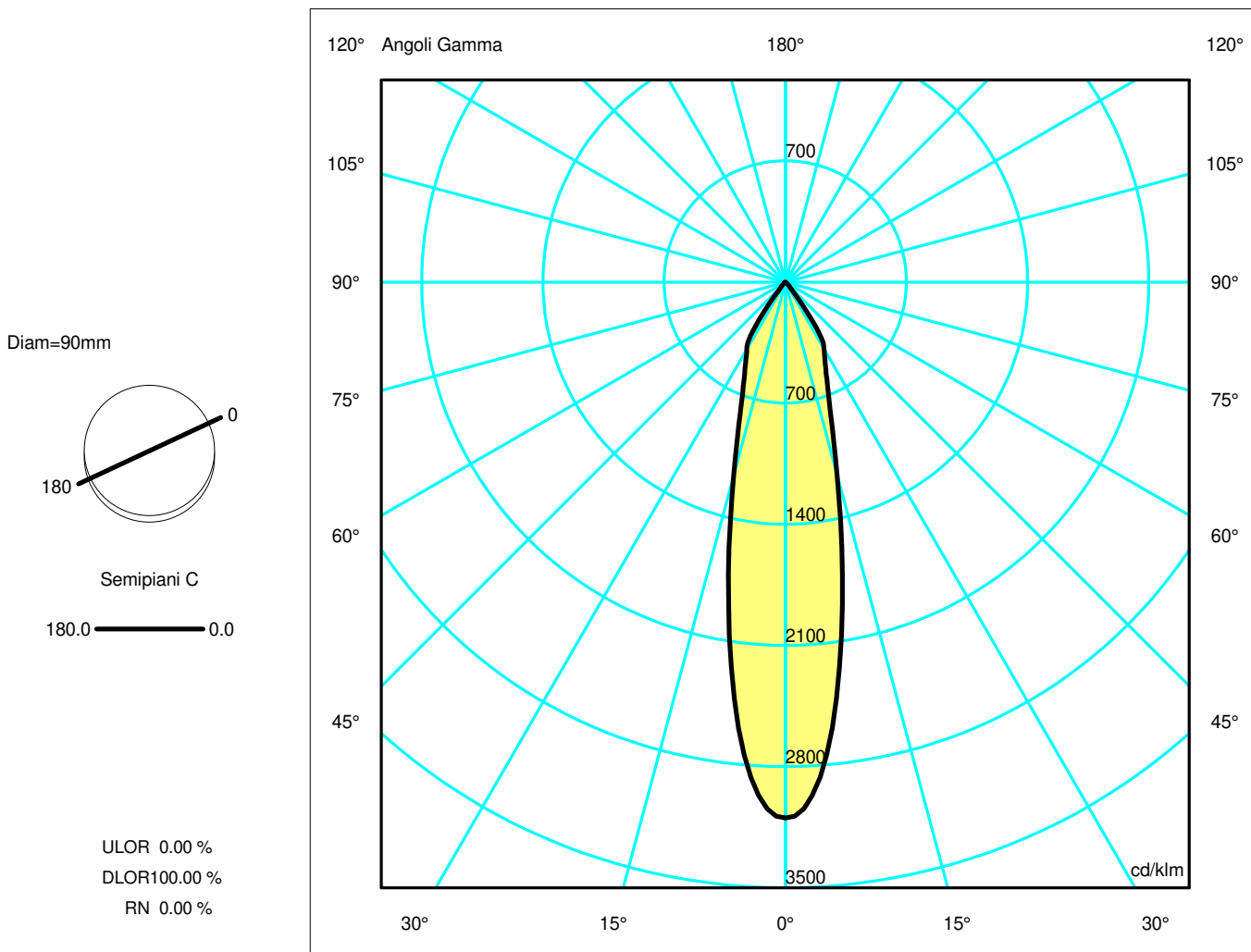
Luminaire

Code BM21001
Name HOY SPOT BIN OR 3000K FL ND BCO OTK

Measurem.

Code FTS2000678
Name HOY SPOT BIN OR 3000K FL ND BCO OTK

Luminaire Flux	1895.91 lm	Luminaire Power	22.00 W	Efficacy	86.18 lm/W	Efficiency	100.00%
Lamps Flux	1895.91 lm	Maximum value	3096.14 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 90 mm Diam. 69 mm	Height	188 mm	Height	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	CG	Symmetry Type			Rotosymmetrical		
Date	22-11-2019	Maximum Gamma Angle			180		
Measurement Distance	0.00	Measurement Flux			1895.91 lm		
LED Flux=2427.9lm LED Power=19W Eff=78% EfcLed=128lm/W EfcLum=86lm/W CCT=3000K 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		



Luminaire

Code BM21001
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Measur.

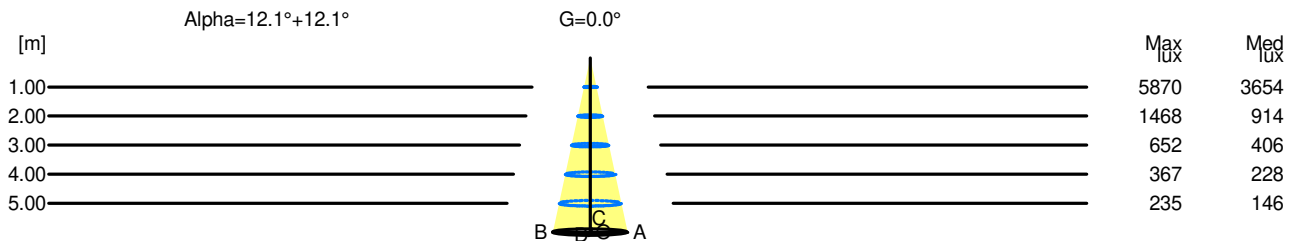
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Round Luminaire Round Luminous Area		Diam. Diam.	90 mm 69 mm	Height Height	188 mm 0 mm		
Horizontal Luminous Area		0.003739 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 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		1895.91 lm	
LED Flux=2427.9lm LED Power=19W Eff=78% EfcLed=128lm/W EfcLum=86lm/W CCT=3000K 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		

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	5870.01	5193.88	2188.50	1044.88	501.84	45.30	10.80	5.27	1.54	0.43
OB	5870.01	5193.88	2188.50	1044.88	501.84	45.30	10.80	5.27	1.54	0.43
OC	5870.01	5193.88	2188.50	1044.88	501.84	45.30	10.80	5.27	1.54	0.43
OD	5870.01	5193.88	2188.50	1044.88	501.84	45.30	10.80	5.27	1.54	0.43



H[m]	D[m]	Max lux	Med lux	Alpha=12.1°+12.1°	G=0.0
1.00	0.43	5870	3654		
2.00	0.86	1468	914		
3.00	1.29	652	406		
4.00	1.72	367	228		
5.00	2.15	235	146		