

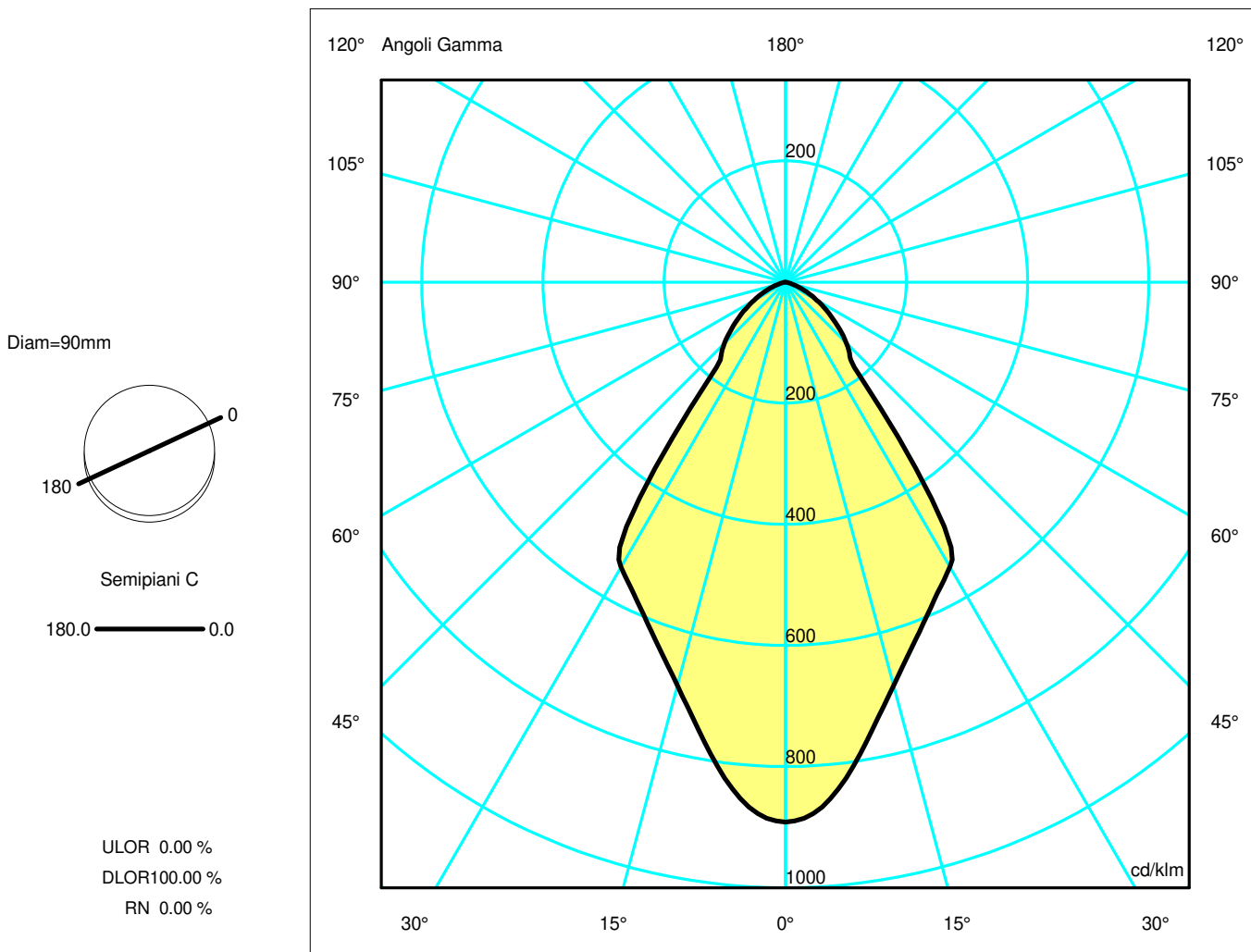
Luminaire

Code BM23104
Name HOY SPOT BIN 3000K XF DALI NRO OTK

Measurem.

Code FTS2000689
Name HOY SPOT BIN 3000K XF DALI NRO OTK

Luminaire Flux	1922.90 lm	Luminaire Power	22.00 W	Efficacy	87.40 lm/W	Efficiency	100.00%
Lamps Flux	1922.90 lm	Maximum value	891.23 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	14-11-2019	Maximum Gamma Angle			180		
Measurement Distance	0.00	Measurement Flux			1922.90 lm		
LED Flux=2427.9lm LED Power=19W Eff=79% EfcLed=128lm/W EfcLum=87lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E.	79 95 100 100 100	D DIN 5040			A60		
F UTE	1.00 B	B NBN			BZ 1		



Luminaire

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Measurement

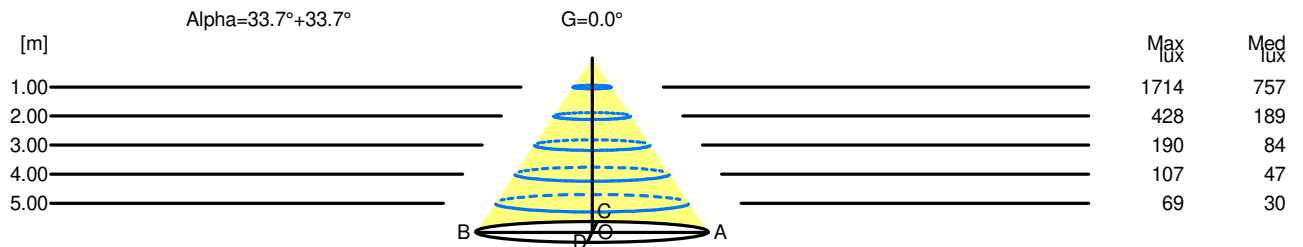
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Round Luminaire		Diam.	90 mm	Height	188 mm		
Round Luminous Area		Diam.	69 mm	Height	0 mm		
Horizontal Luminous Area	0.003739 m2			Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°	0.000000 m2		
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°	0.000905 m2		
Coordinate system	CG			Symmetry Type	Rotosymmetrical		
Date	14-11-2019			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	1922.90 lm		
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C.I.E.	79 95 100 100 100			D DIN 5040	A60		
F UTE	1.00 B			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	0.67	1.33	2.00	2.67	3.34	OC	0.67	1.33	2.00	2.67	3.34
OB	0.67	1.33	2.00	2.67	3.34	OD	0.67	1.33	2.00	2.67	3.34

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1713.75	1645.56	1326.02	1115.54	720.50	273.37	162.01	74.56	17.14	0.77
OB	1713.75	1645.56	1326.02	1115.54	720.50	273.37	162.01	74.56	17.14	0.77
OC	1713.75	1645.56	1326.02	1115.54	720.50	273.37	162.01	74.56	17.14	0.77
OD	1713.75	1645.56	1326.02	1115.54	720.50	273.37	162.01	74.56	17.14	0.77



H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0
1.00	1.33	1714	757		
2.00	2.67	428	189		
3.00	4.00	190	84		
4.00	5.34	107	47		
5.00	6.67	69	30		