

Luminaire

Code BM10001
Name HOY SPOT PLAF ORIENT 2700K SP ND BCO

Measurerm.

Code FTS2000269
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Luminaire Flux	2052.94 lm	Luminaire Power	22.00 W	Efficacy	93.32 lm/W	Efficiency	100.00%
Sources Flux	2052.94 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area			0.004301 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°			0.001040 m2
Coordinate system		CG		Symmetry Type			Rotosymmetrical
Date		20-04-2021		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			2052.94 lm
LED Flux=2253lm LED Power=19W Eff=91% EfcLed=118lm/W EfcLum=93lm/W CCT=2700 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		

Diam=90mm



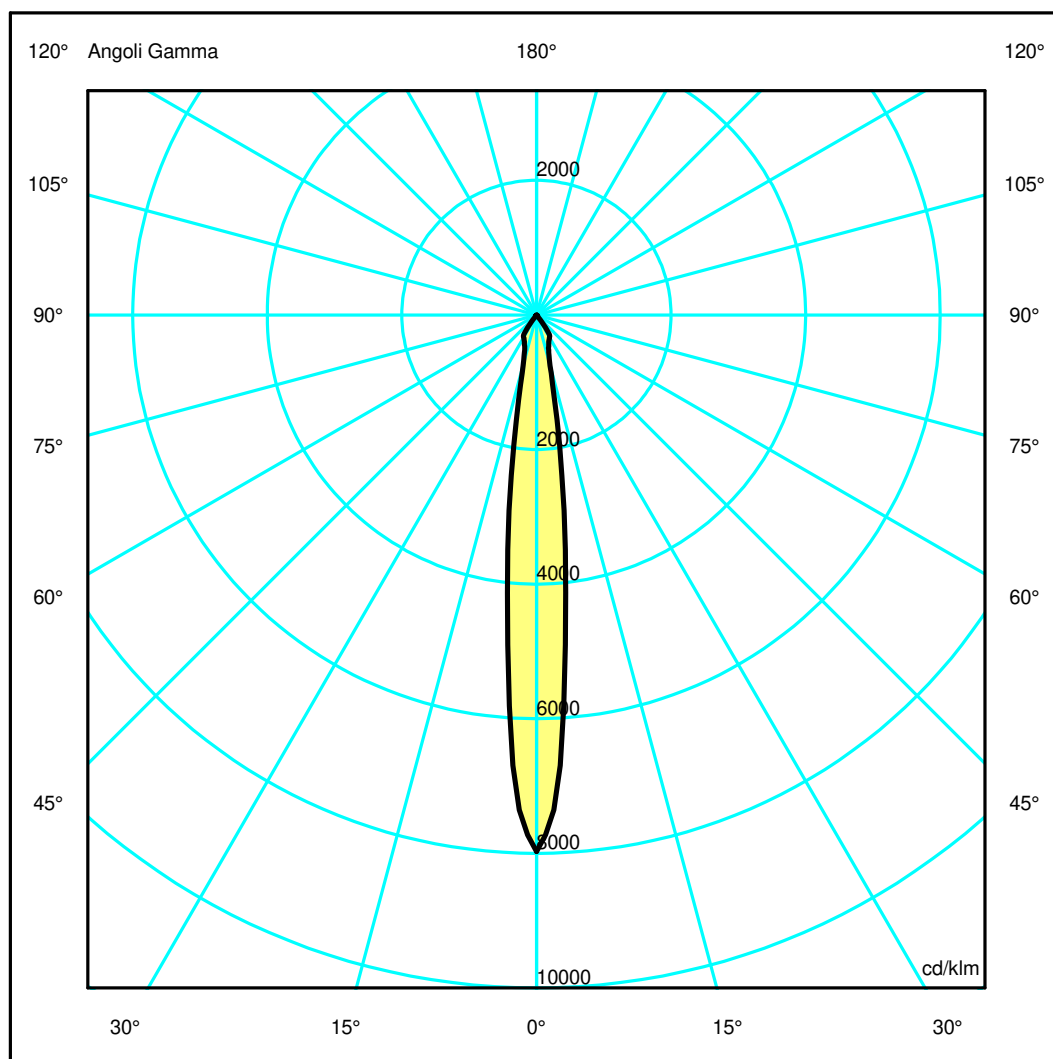
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measurum.

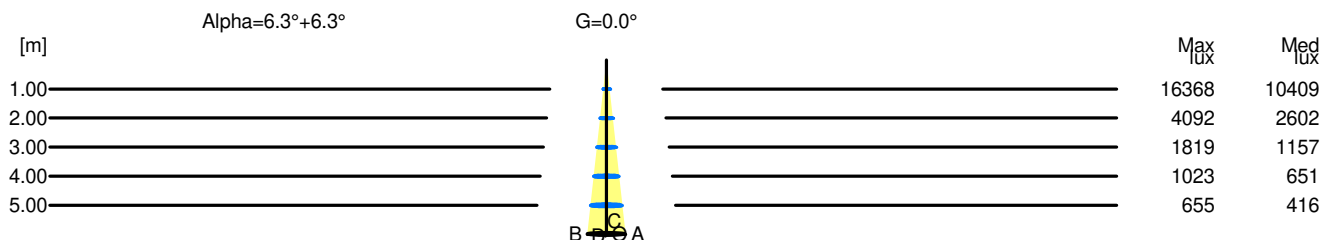
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Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area		0.004301 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.001040 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
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Measurement Distance		0.00		Measurement Flux		2052.94 lm	
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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	0.11	0.22	0.33	0.44	0.55	OC	0.11	0.22	0.33	0.44	0.55
OB	0.11	0.22	0.33	0.44	0.55	OD	0.11	0.22	0.33	0.44	0.55

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	16368.26	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10
OB	16368.26	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10
OC	16368.26	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10
OD	16368.26	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+6.3°	G=0.0
1.00	0.22	16368	10409		
2.00	0.44	4092	2602		
3.00	0.66	1819	1157		
4.00	0.88	1023	651		
5.00	1.10	655	416		