

Luminaire

Code BM20001
Name HOY SPOT BIN OR 2700K SP ND BCO OTK

Measurerm.

Code FTS2000666
Name HOY SPOT BIN OR 2700K SP ND BCO OTK

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
F UTE --

D DIN 5040
B NBN

A60
BZ 1

Diam=90mm



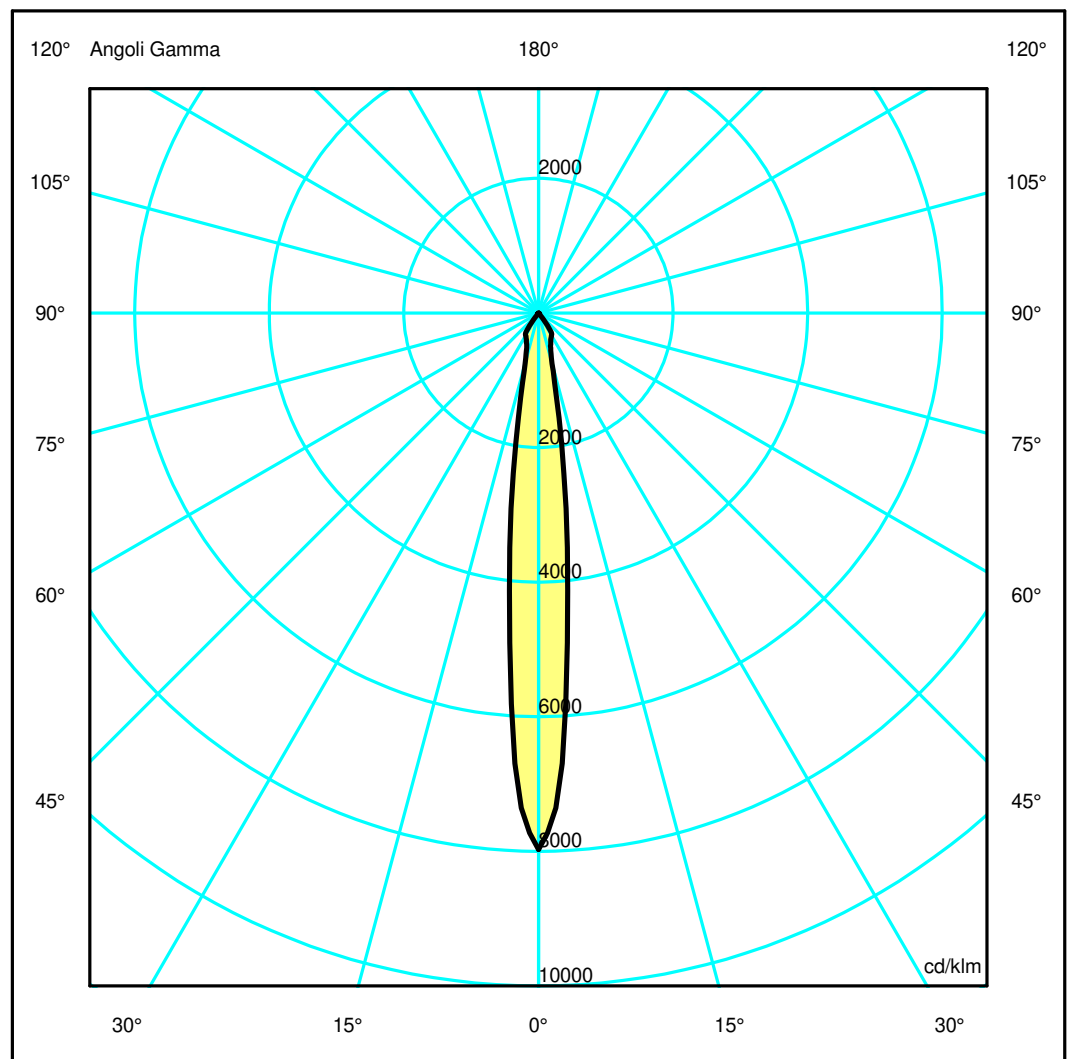
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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Measurment.

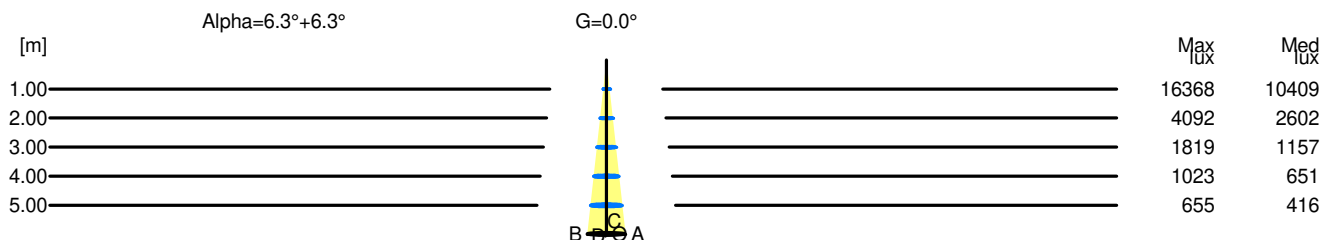
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Sources Flux	2052.94 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area		0.004301 m2		Emitting area on Plane 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		

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		