

Luminaire

Code BM20201
Name HOY SPOT BIN OR 4000K SP ND BCO OTK

Measurement

Code FTS2000698
Name HOY SPOT BIN OR 4000K SP ND BCO OTK

Luminaire Flux	2361.79 lm	Luminaire Power	22.00 W	Efficacy	107.35 lm/W	Efficiency	100.00%
Sources Flux	2361.79 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 m ²	Emitting area on Plane 180°			0.000000 m ²
Emitting area on Plane 0°			0.000000 m ²	Emitting area on Plane 270°			0.000000 m ²
Emitting area on Plane 90°			0.000000 m ²	Glare area at 76°			0.001040 m ²
Coordinate system		CG		Symmetry Type			Rotosymmetrical
Date		20-04-2021		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			2361.79 lm

LED Flux=2592lm LED Power=19W Eff=91% EfcLed=135lm/W EfcLum=107lm/W CCT=4000 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



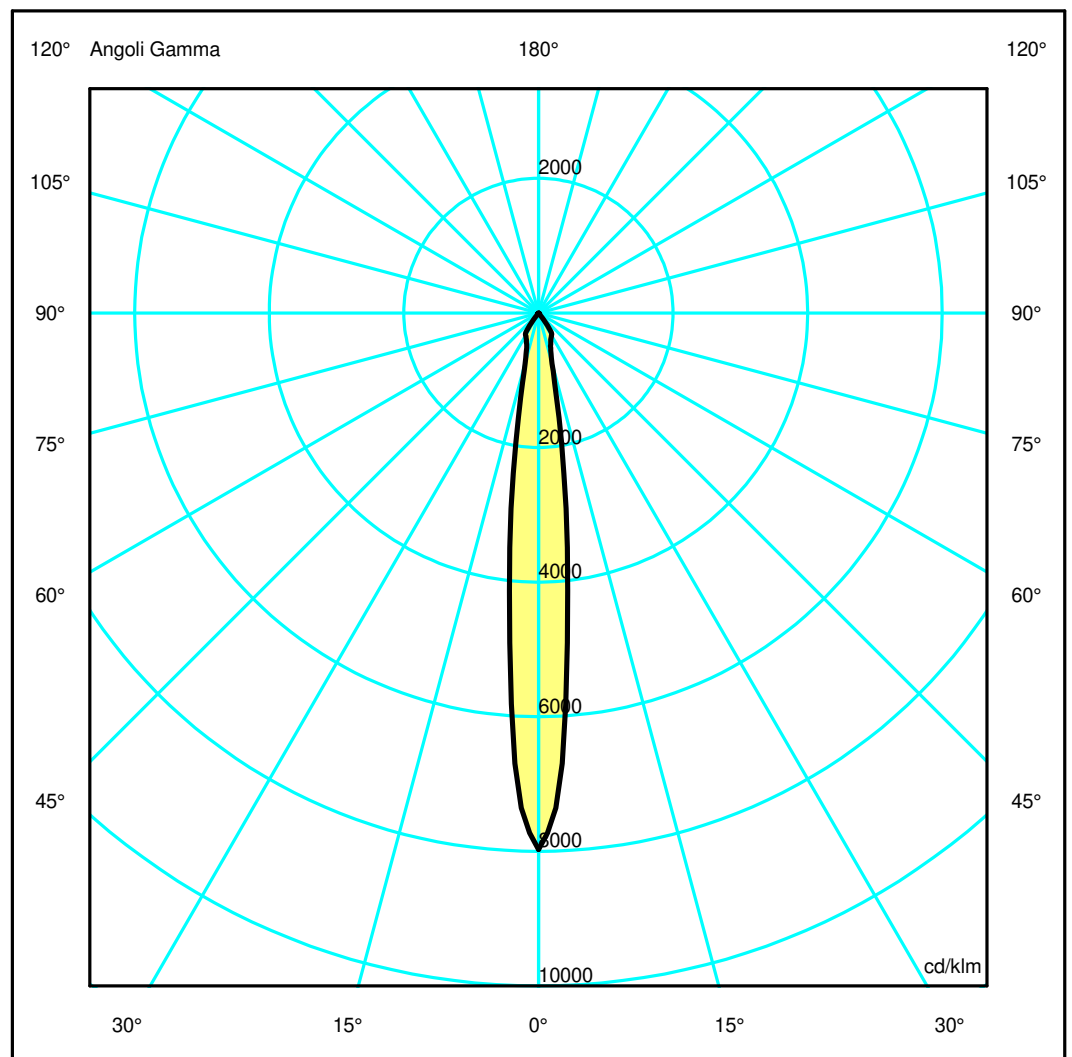
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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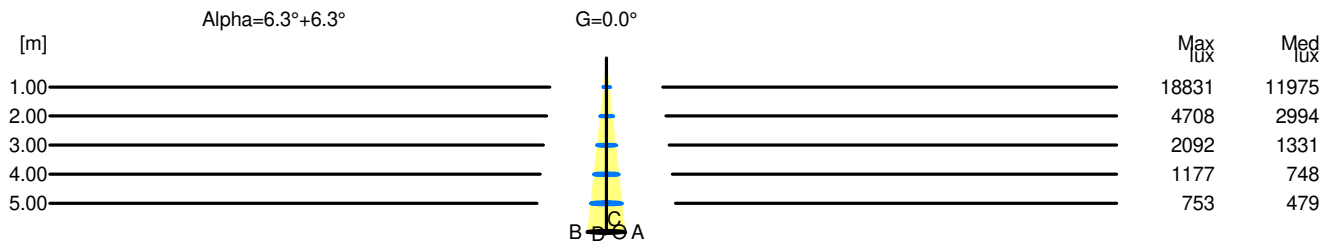
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Sources Flux	2361.79 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area		0.004301 m2		Emitting area on Plane 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		2361.79 lm	
LED Flux=2592lm LED Power=19W Eff=91% EfcLed=135lm/W EfcLum=107lm/W CCT=4000 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	18830.74	11611.18	1835.56	1019.38	652.89	43.56	20.40	3.64	0.81	0.11
OB	18830.74	11611.18	1835.56	1019.38	652.89	43.56	20.40	3.64	0.81	0.11
OC	18830.74	11611.18	1835.56	1019.38	652.89	43.56	20.40	3.64	0.81	0.11
OD	18830.74	11611.18	1835.56	1019.38	652.89	43.56	20.40	3.64	0.81	0.11



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+6.3°	G=0.0
1.00	0.22	18831	11975		
2.00	0.44	4708	2994		
3.00	0.66	2092	1331		
4.00	0.88	1177	748		
5.00	1.10	753	479		