

Luminaire

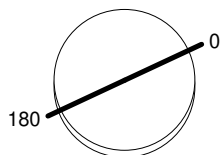
Code BM11901
Name HOY SPOT PLAF 3000K XF ND BCO

Measurem.

Code FTS2000273
Name HOY SPOT PLAF 3000K XF ND BCO

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	0.003739 m ²	Emitting area on Plane 180°	0.000000 m ²	Emitting area on Plane 270°	0.000000 m ²		
Emitting area on Plane 0°	0.000000 m ²	Glare area at 76°	0.000905 m ²				
Emitting area on Plane 90°	0.000000 m ²						
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				

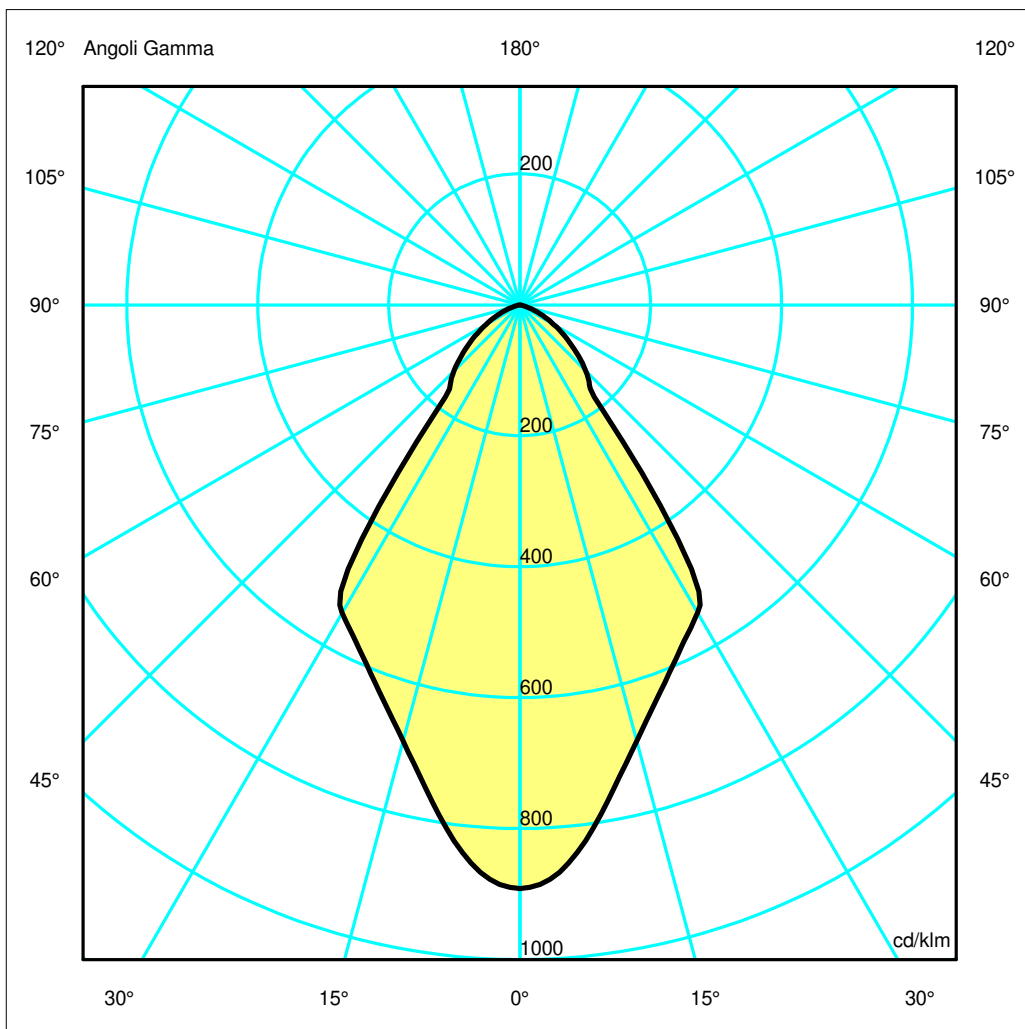
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurement

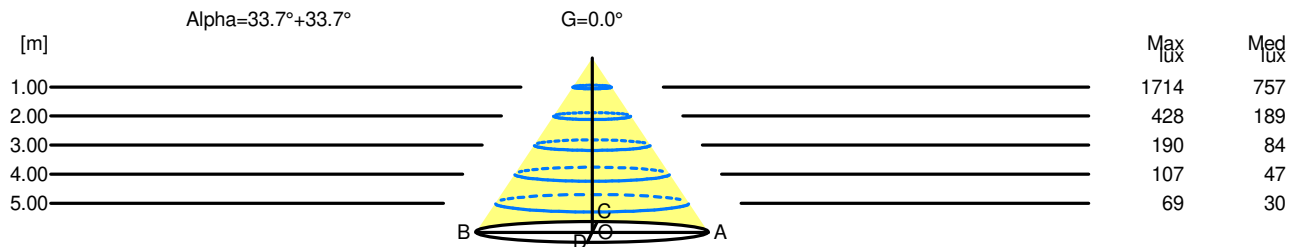
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Round Luminaire		Diam.	90 mm	Height	188 mm		
Round Luminous Area		Diam.	69 mm	Height	0 mm		
Horizontal Luminous Area	0.003739 m2			Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°	0.000000 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		
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		

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		