

Luminaire

Code BM21904
Name HOY SPOT BIN OR 3000K WF ND NRO OTK

Measurment.

Code FTS2000687
Name HOY SPOT BIN OR 3000K WF ND NRO OTK

Luminaire Flux	1914.65 lm	Luminaire Power	22.00 W	Efficacy	87.03 lm/W	Efficiency	100.00%
Sources Flux	1914.65 lm	Maximum value	1307.01 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		27-04-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1914.65 lm	

LED Flux=2253lm LED Power=19W Eff=85% EfcLed=118lm/W EfcLum=87lm/W CCT=3000 Ra=90 SDCM=2 L70(6K)=50000h

C.I.E. 92 99 100 100 100
F UTE 1.00 A

D DIN 5040 A60
B NBN BZ 1

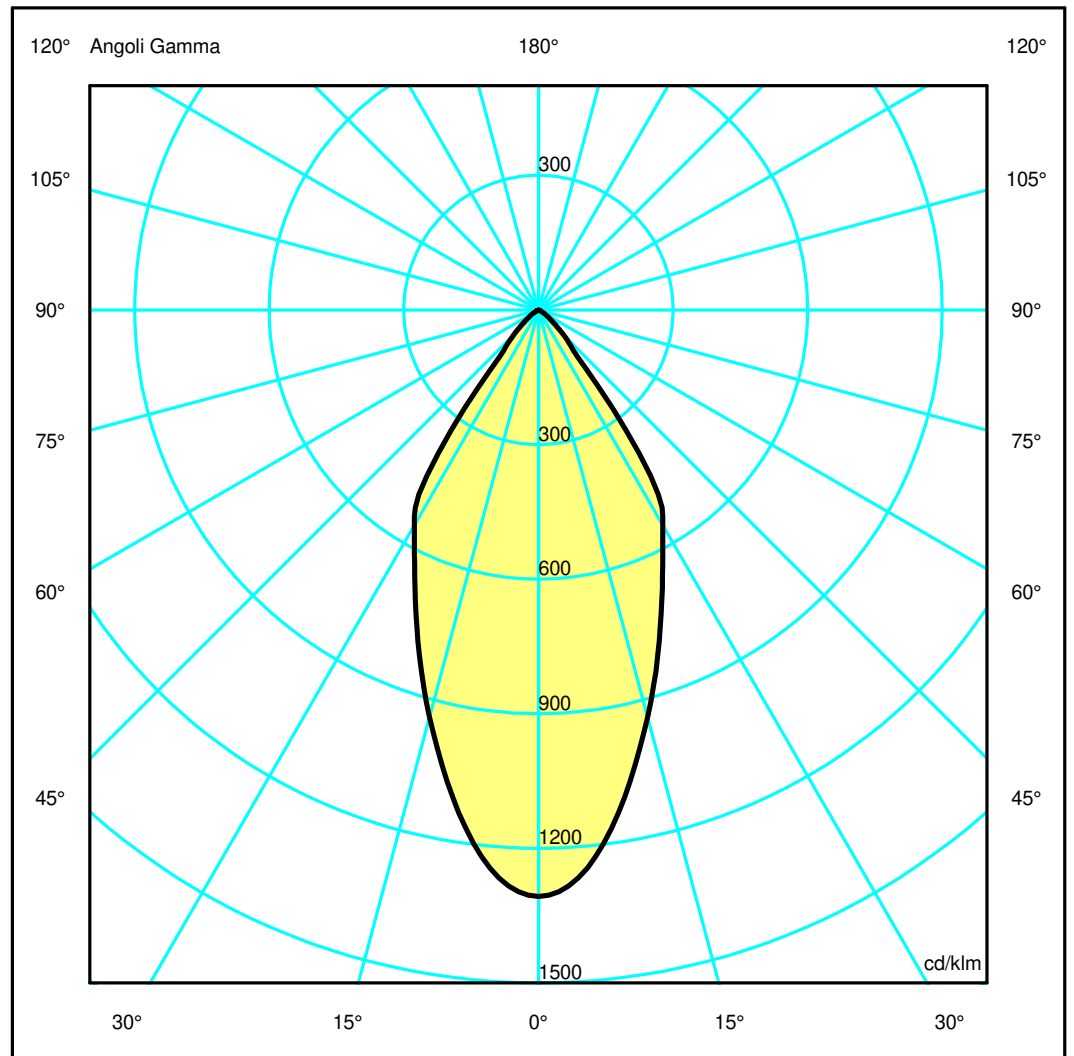
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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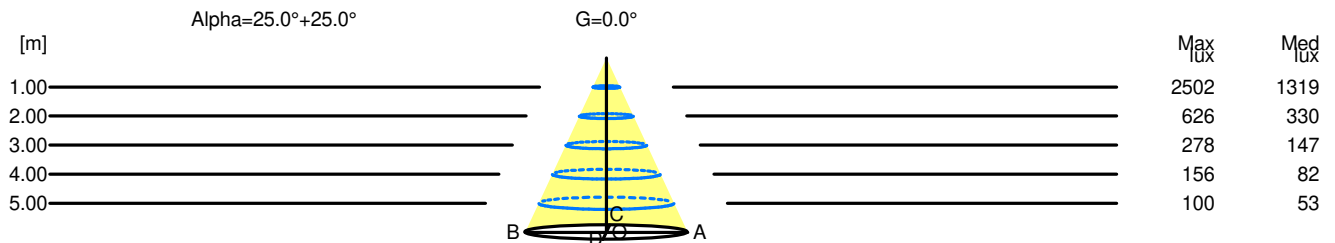
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Name HOY SPOT BIN OR 3000K WF ND NRO OTK

Luminaire Flux	1914.65 lm	Luminaire Power	22.00 W	Efficacy	87.03 lm/W	Efficiency	100.00%
Sources Flux	1914.65 lm	Maximum value	1307.01 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		27-04-2021		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1914.65 lm	
LED Flux=2253lm LED Power=19W Eff=85% EfcLed=118lm/W EfcLum=87lm/W CCT=3000 Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E.	92 99 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			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	0.47	0.93	1.40	1.86	2.33	OC	0.47	0.93	1.40	1.86	2.33
OB	0.47	0.93	1.40	1.86	2.33	OD	0.47	0.93	1.40	1.86	2.33

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2502.48	2389.54	1797.76	1250.86	748.93	155.40	45.68	12.65	2.65	0.16
OB	2502.48	2389.54	1797.76	1250.86	748.93	155.40	45.68	12.65	2.65	0.16
OC	2502.48	2389.54	1797.76	1250.86	748.93	155.40	45.68	12.65	2.65	0.16
OD	2502.48	2389.54	1797.76	1250.86	748.93	155.40	45.68	12.65	2.65	0.16



H[m]	D[m]	Max lux	Med lux	Alpha=25.0°+25.0°	G=0.0
1.00	0.93	2502	1319		
2.00	1.86	626	330		
3.00	2.80	278	147		
4.00	3.73	156	82		
5.00	4.66	100	53		