

Luminaire

Code BM22804
Name HOY SPOT BIN 3000K XF ND NRO OTK

Measur.

Code FTS2000273-B
Name HOY SPOT BIN 3000K XF ND NRO OTK

Luminaire Flux	1784 lm	Luminaire Power	22.0 W	Efficacy	81.091 lm/W	Efficiency	100.00%
Source Flux	1784 lm	Maximum value	891.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
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		07-03-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1784 lm	
LED Flux=2253lm LED Power=19W Eff=79% EfcLed=119lm/W EfcLum=81lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(10k)=55400h							
C.I.E.	79 95 100 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 1		

Diam=90mm



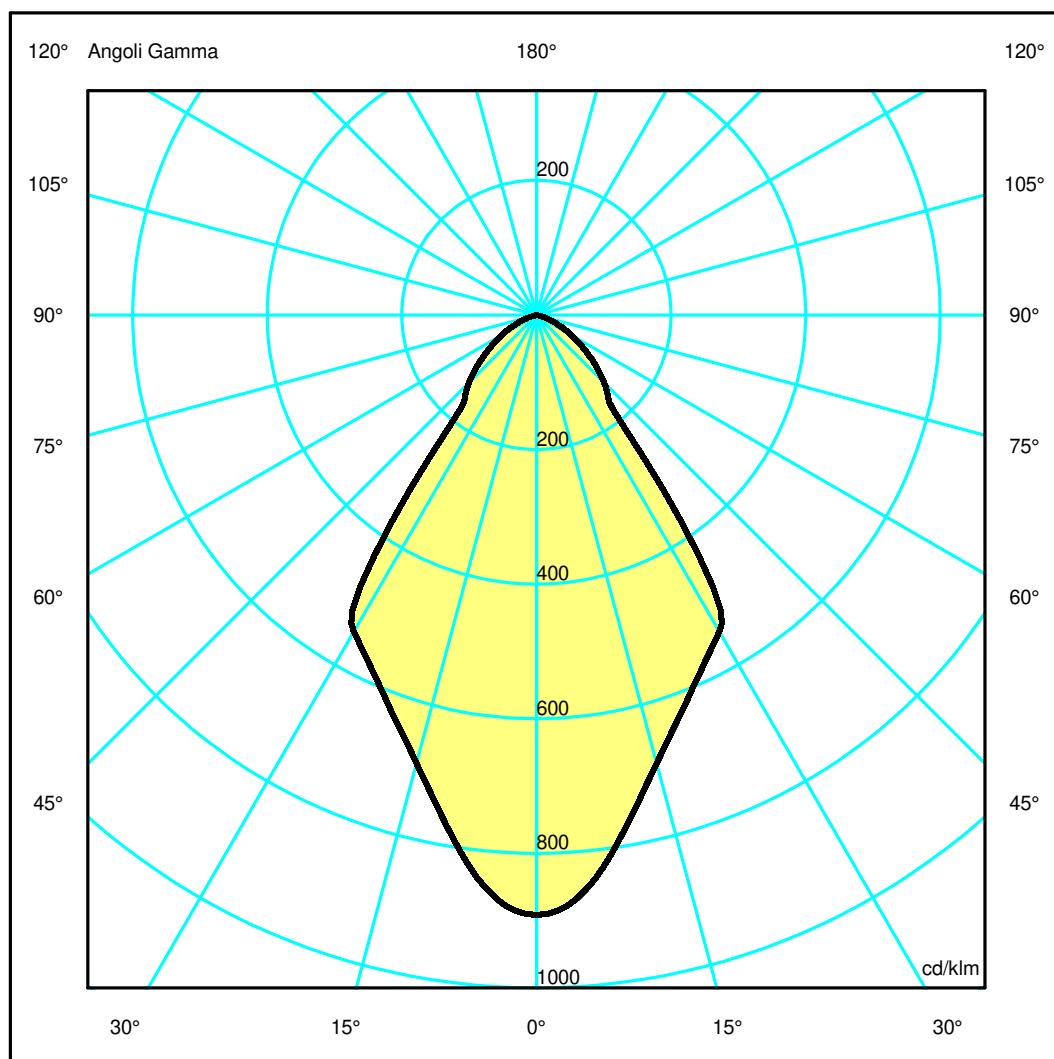
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



Luminaire

Code BM22804
Name HOY SPOT BIN 3000K XF ND NRO OTK

Measurem.

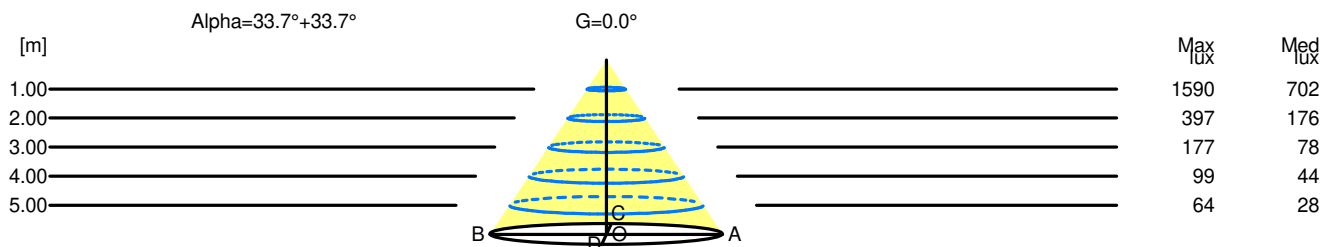
Code FTS2000273-B
Name HOY SPOT BIN 3000K XF ND NRO OTK

Luminaire Flux	1784 lm	Luminaire Power	22.0 W	Efficacy	81.091 lm/W	Efficiency	100.00%
Source Flux	1784 lm	Maximum value	891.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
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		07-03-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1784 lm	
LED Flux=2253lm LED Power=19W Eff=79% EfcLed=119lm/W EfcLum=81lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(10k)=55400h							
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	1589.96	1526.70	1230.24	1034.96	668.46	253.62	150.31	69.17	15.91	0.71
OB	1589.96	1526.70	1230.24	1034.96	668.46	253.62	150.31	69.17	15.91	0.71
OC	1589.96	1526.70	1230.24	1034.96	668.46	253.62	150.31	69.17	15.91	0.71
OD	1589.96	1526.70	1230.24	1034.96	668.46	253.62	150.31	69.17	15.91	0.71



H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0
1.00	1.33	1590	702		
2.00	2.67	397	176		
3.00	4.00	177	78		
4.00	5.34	99	44		
5.00	6.67	64	28		