

## Luminaire

Code BM8010x\_BM82100\_XW  
 Name Hoy Spot - semi-rec./rec. 930 - XW

## Measurment.

Code RDN190363  
 Name Hoy Spot - semi-rec./rec. 930 - XW

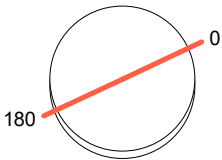
Luminaire Flux	1784.14 lm	Luminaire Power	19.00 W	Efficacy	93.90 lm/W	Efficiency	100.00%
Sources Flux	1784.14 lm	Maximum value	891.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area			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		10-05-2023		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			1784.14 lm

LED Flux=2253lm LED Power=19W Eff=79% EfcLed=119lm/W EfcLum=95lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6k)=50000h

C.I.E. 79 95 100 100 100  
 F UTE 1.00 B

D DIN 5040 A60  
 B NBN BZ 1

Diam=90mm



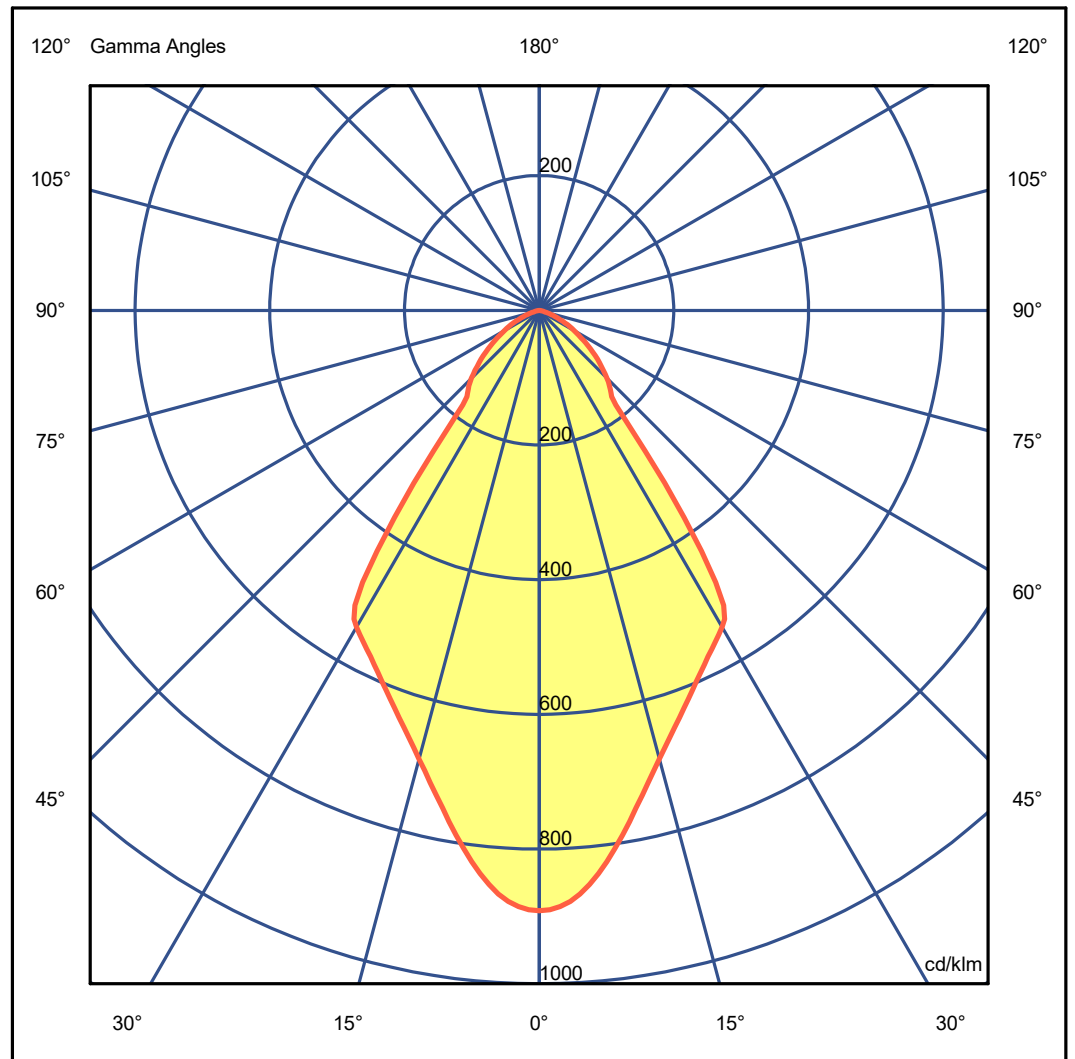
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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**Measurem.**

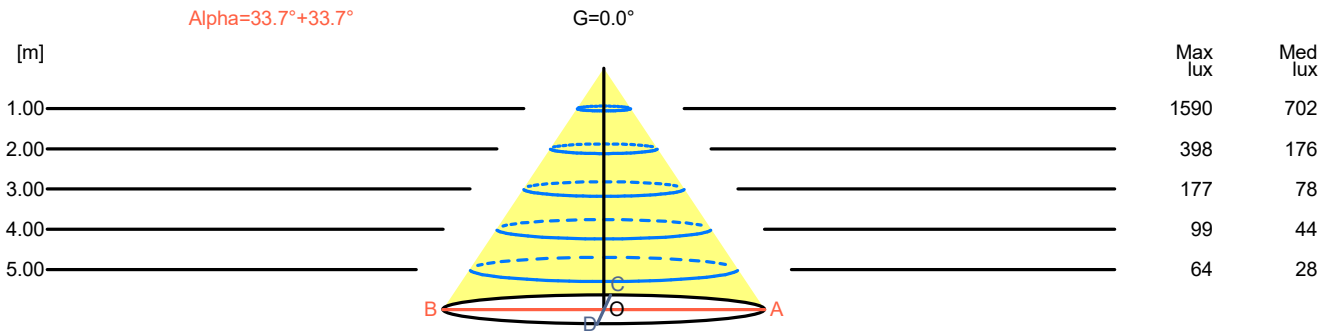
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Sources Flux	1784.14 lm	Maximum value	891.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	1590.08	1526.81	1230.33	1035.04	668.51	253.64	150.32	69.18	15.91	0.72
OB	1590.08	1526.81	1230.33	1035.04	668.51	253.64	150.32	69.18	15.91	0.72
OC	1590.08	1526.81	1230.33	1035.04	668.51	253.64	150.32	69.18	15.91	0.72
OD	1590.08	1526.81	1230.33	1035.04	668.51	253.64	150.32	69.18	15.91	0.72



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	398	176			
3.00	4.00	177	78			
4.00	5.34	99	44			
5.00	6.67	64	28			