

## Luminaire

Code BM8020x\_BM82200\_S  
Name Hoy Spot - semi-rec./rec. 935 - S

## Measurment.

Code RDN210202  
Name Hoy Spot - semi-rec./rec. 935 - S

Luminaire Flux	2198.30 lm	Luminaire Power	19.00 W	Efficacy	115.70 lm/W	Efficiency	100.00%
Sources Flux	2198.30 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 <sup>2</sup>		Emitting area on Plane 180°		0.000000 m <sup>2</sup>	
Emitting area on Plane 0°		0.000000 m <sup>2</sup>		Emitting area on Plane 270°		0.000000 m <sup>2</sup>	
Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.001040 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		10-05-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2198.30 lm	

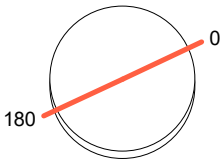
LED Flux=2412lm LED Power=19W Eff=91% EfcLed=126lm/W EfcLum=116lm/W CCT=3500K Ra=90 R9=50 SDCM=2 L70(6k)=50000h

C.I.E. 98 100 100 100 100  
F UTE -

D DIN 5040  
B NBN

A60  
BZ 1

Diam=90mm



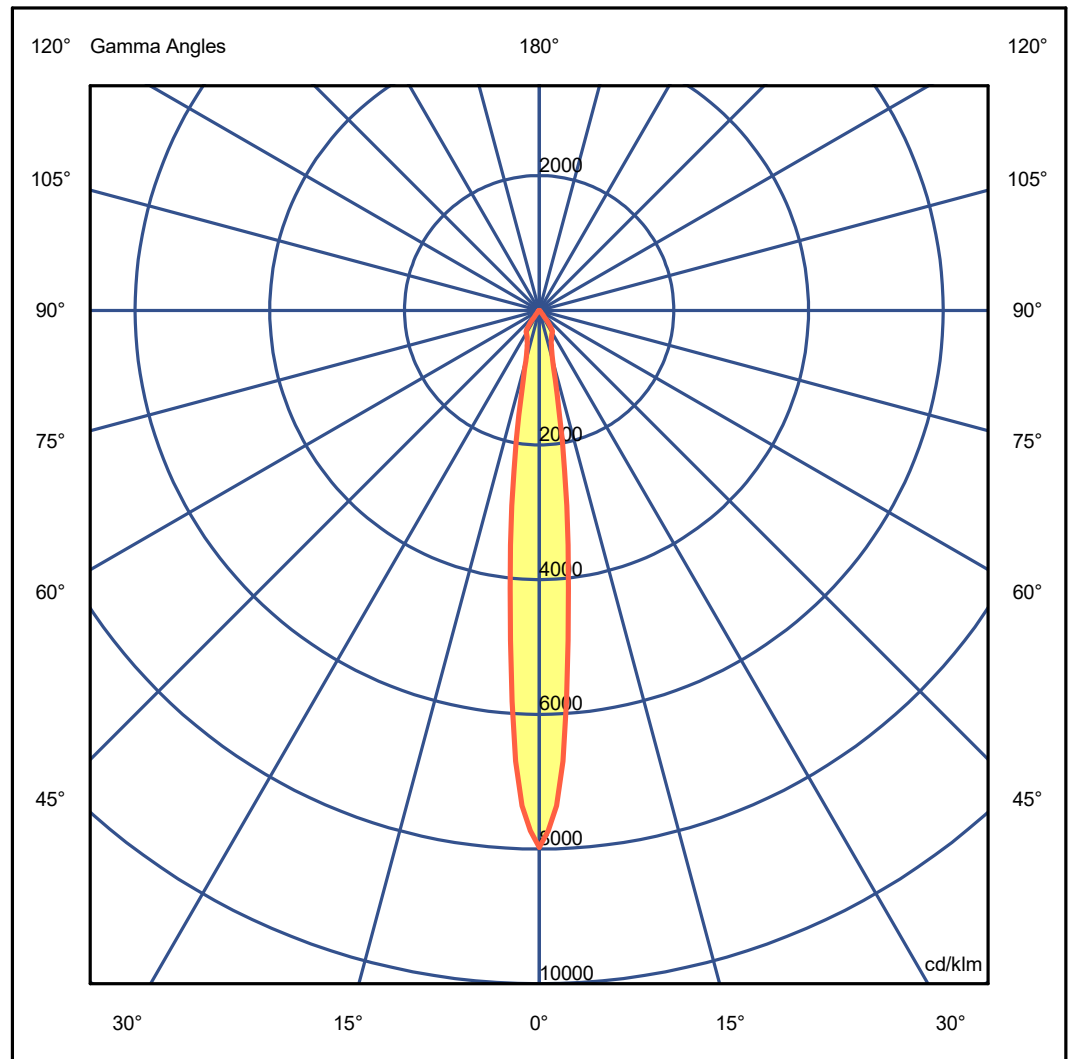
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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**Measurem.**

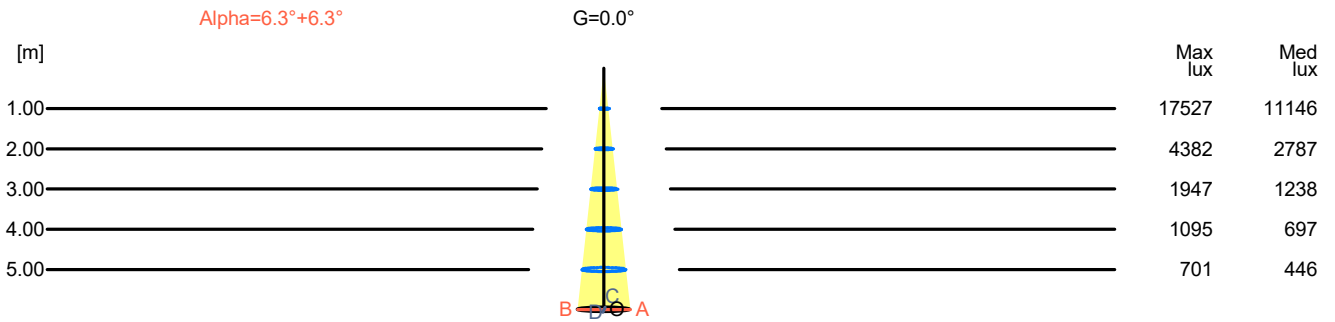
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Width at 50.00 % of Max Intensity

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	17527.20	10807.40	1708.49	948.81	607.69	40.55	18.98	3.38	0.76	0.11
OB	17527.20	10807.40	1708.49	948.81	607.69	40.55	18.98	3.38	0.76	0.11
OC	17527.20	10807.40	1708.49	948.81	607.69	40.55	18.98	3.38	0.76	0.11
OD	17527.20	10807.40	1708.49	948.81	607.69	40.55	18.98	3.38	0.76	0.11



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+6.3°	G=0.0
1.00	0.22	17527	11146		
2.00	0.44	4382	2787		
3.00	0.66	1947	1238		
4.00	0.88	1095	697		
5.00	1.10	701	446		