

Luminaire

Code BM8010x_BM82100_S
 Name Hoy Spot - semi-rec./rec. 930 - S

Measurment.

Code RDN210202
 Name Hoy Spot - semi-rec./rec. 930 - S

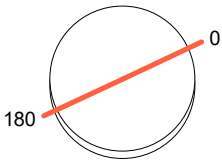
Luminaire Flux	2052.94 lm	Luminaire Power	19.00 W	Efficacy	108.05 lm/W	Efficiency	100.00%
Sources Flux	2052.94 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area		0.004301 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		2052.94 lm	

LED Flux=2253lm LED Power=19W Eff=91% EfcLed=118lm/W EfcLum=108lm/W CCT=3000K 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

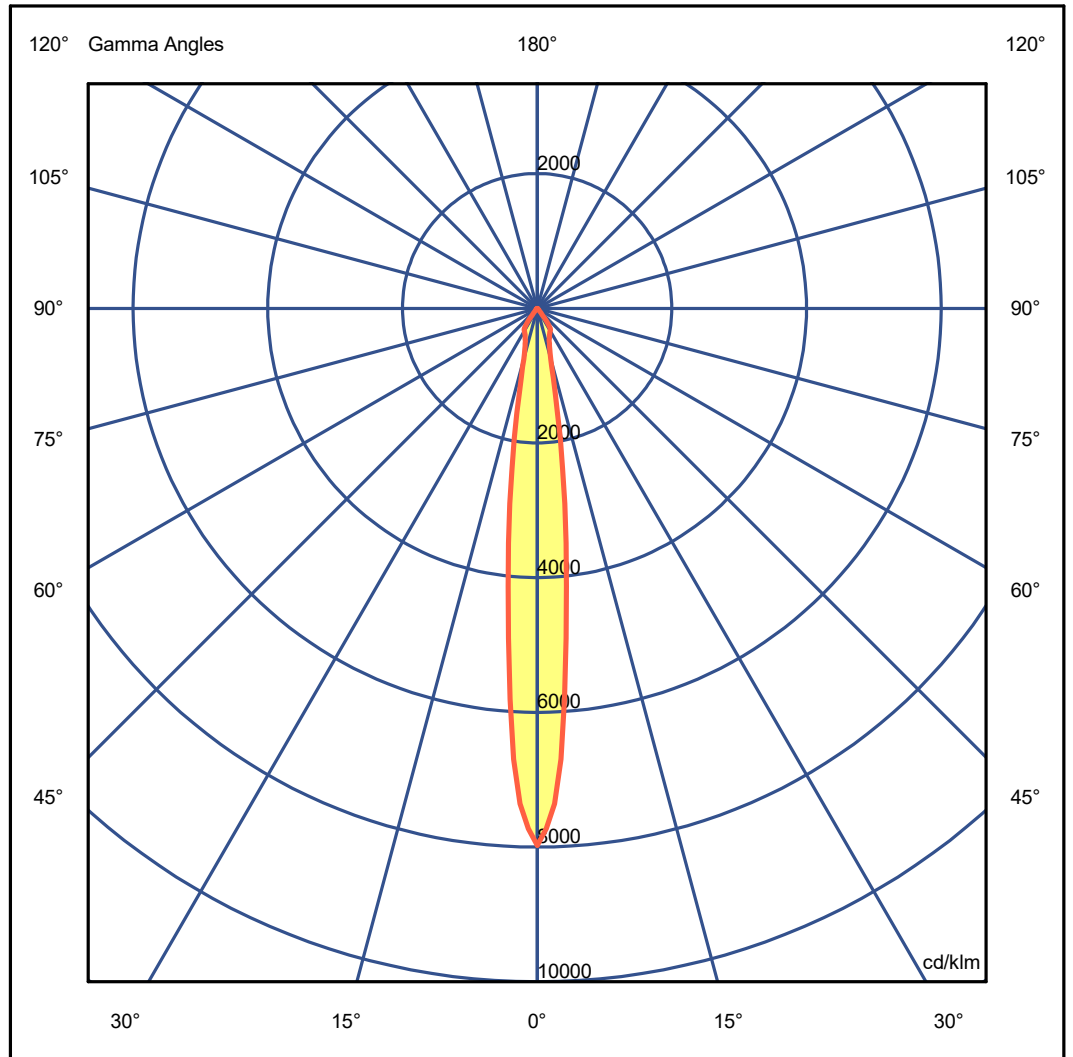
Diam=90mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



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Measurem.

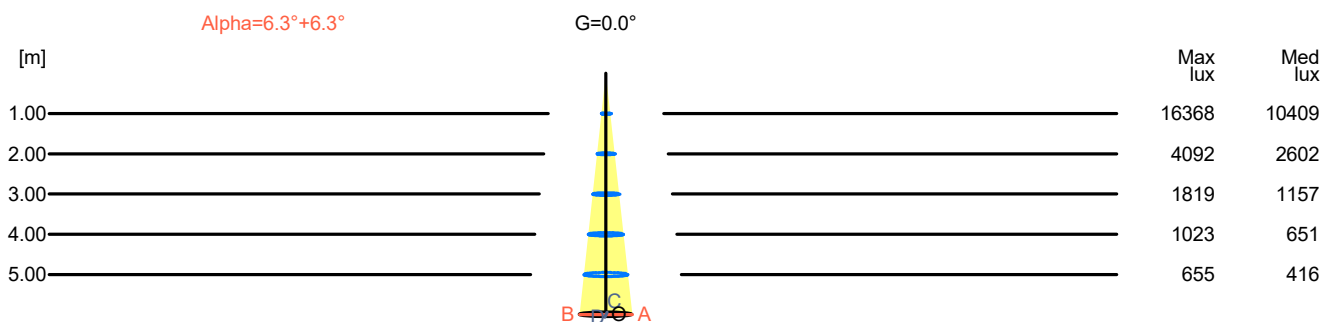
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Sources Flux	2052.94 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	0.11	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	16368.27	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10
OB	16368.27	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10
OC	16368.27	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10
OD	16368.27	10092.79	1595.52	886.08	567.51	37.87	17.73	3.16	0.71	0.10



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+6.3°	G=0.0
1.00	0.22	16368	10409		
2.00	0.44	4092	2602		
3.00	0.66	1819	1157		
4.00	0.88	1023	651		
5.00	1.10	655	416		