

Luminaire

Code BM8010x_BM82100_W
 Name Hoy Spot - semi-rec./rec. 930 - W

Measurment.

Code RDN210207
 Name Hoy Spot - semi-rec./rec. 930 - W

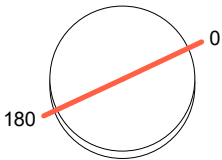
Luminaire Flux	1914.65 lm	Luminaire Power	19.00 W	Efficacy	100.77 lm/W	Efficiency	100.00%
Sources Flux	1914.65 lm	Maximum value	1307.01 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area			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		10-05-2023		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=101lm/W CCT=3000K Ra=90 R9=50 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

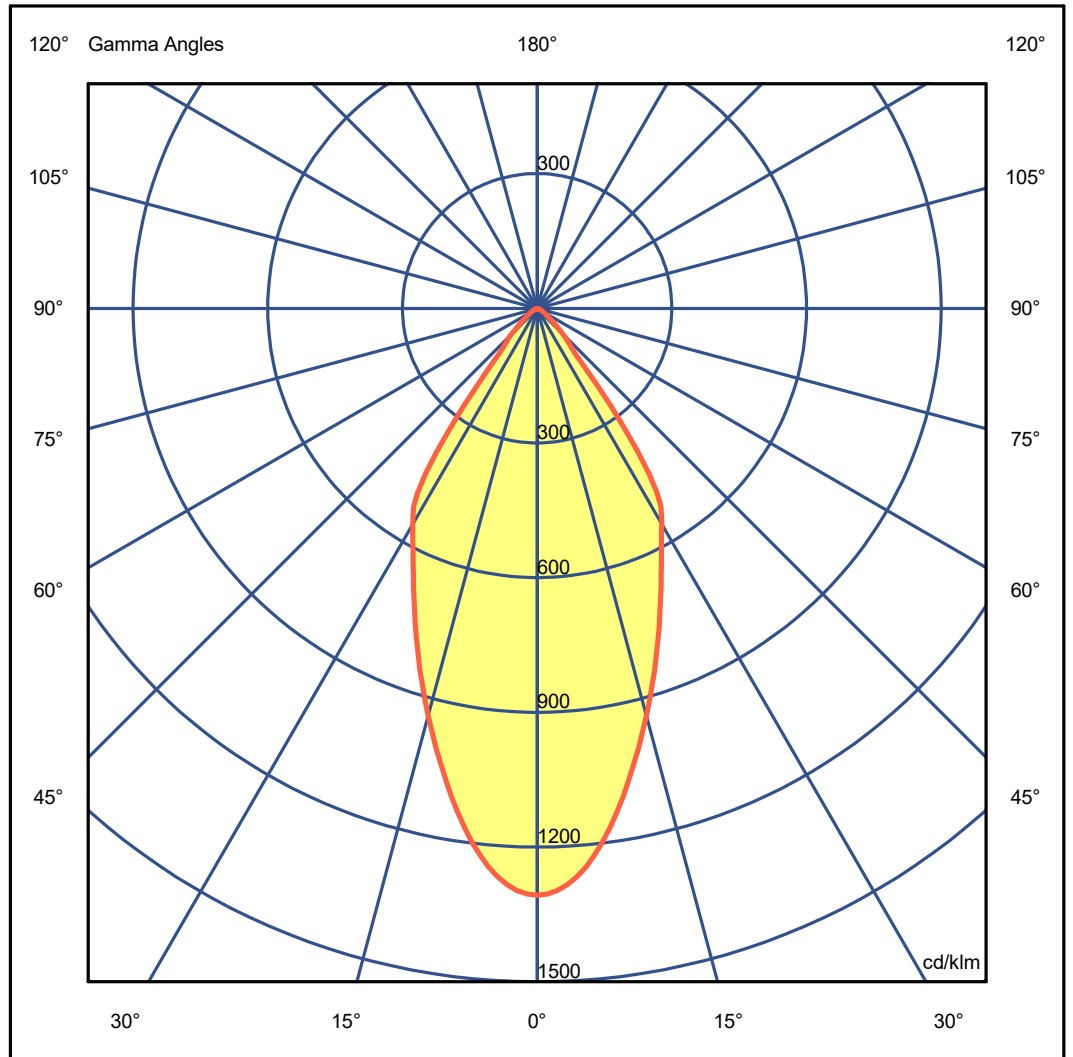
Diam=90mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



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Measurem.

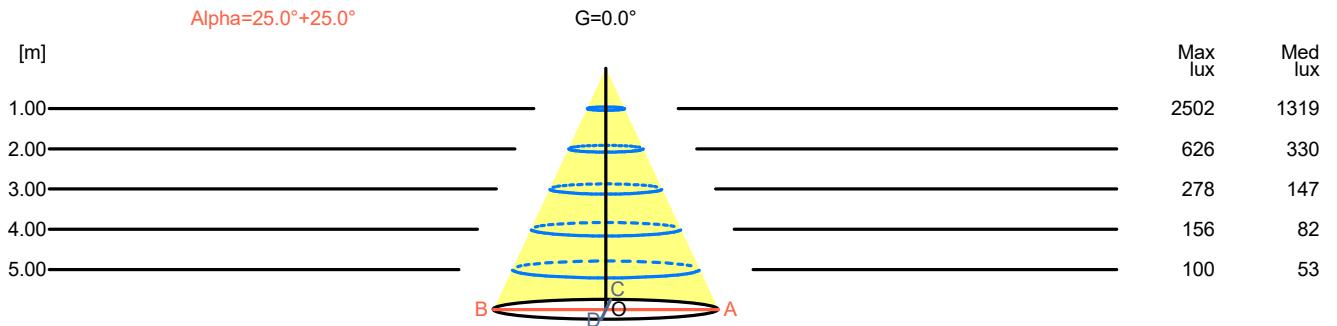
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Luminaire Flux	1914.65 lm	Luminaire Power	19.00 W	Efficacy	100.77 lm/W	Efficiency	100.00%
Sources Flux	1914.65 lm	Maximum value	1307.01 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	2502.47	2389.53	1797.76	1250.86	748.92	155.39	45.68	12.65	2.65	0.16
OB	2502.47	2389.53	1797.76	1250.86	748.92	155.39	45.68	12.65	2.65	0.16
OC	2502.47	2389.53	1797.76	1250.86	748.92	155.39	45.68	12.65	2.65	0.16
OD	2502.47	2389.53	1797.76	1250.86	748.92	155.39	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		