

Luminaire

Code BM8030x_BM82300_XW
 Name Hoy Spot - semi-rec./rec. 940 - XW

Measurment.

Code RDN190363
 Name Hoy Spot - semi-rec./rec. 940 - XW

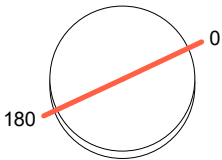
Luminaire Flux	2052.55 lm	Luminaire Power	19.00 W	Efficacy	108.03 lm/W	Efficiency	100.00%
Sources Flux	2052.55 lm	Maximum value	891.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area			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			2052.55 lm

LED Flux=2592lm LED Power=19W Eff=79% EfcLed=137lm/W EfcLum=109lm/W CCT=4000K 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



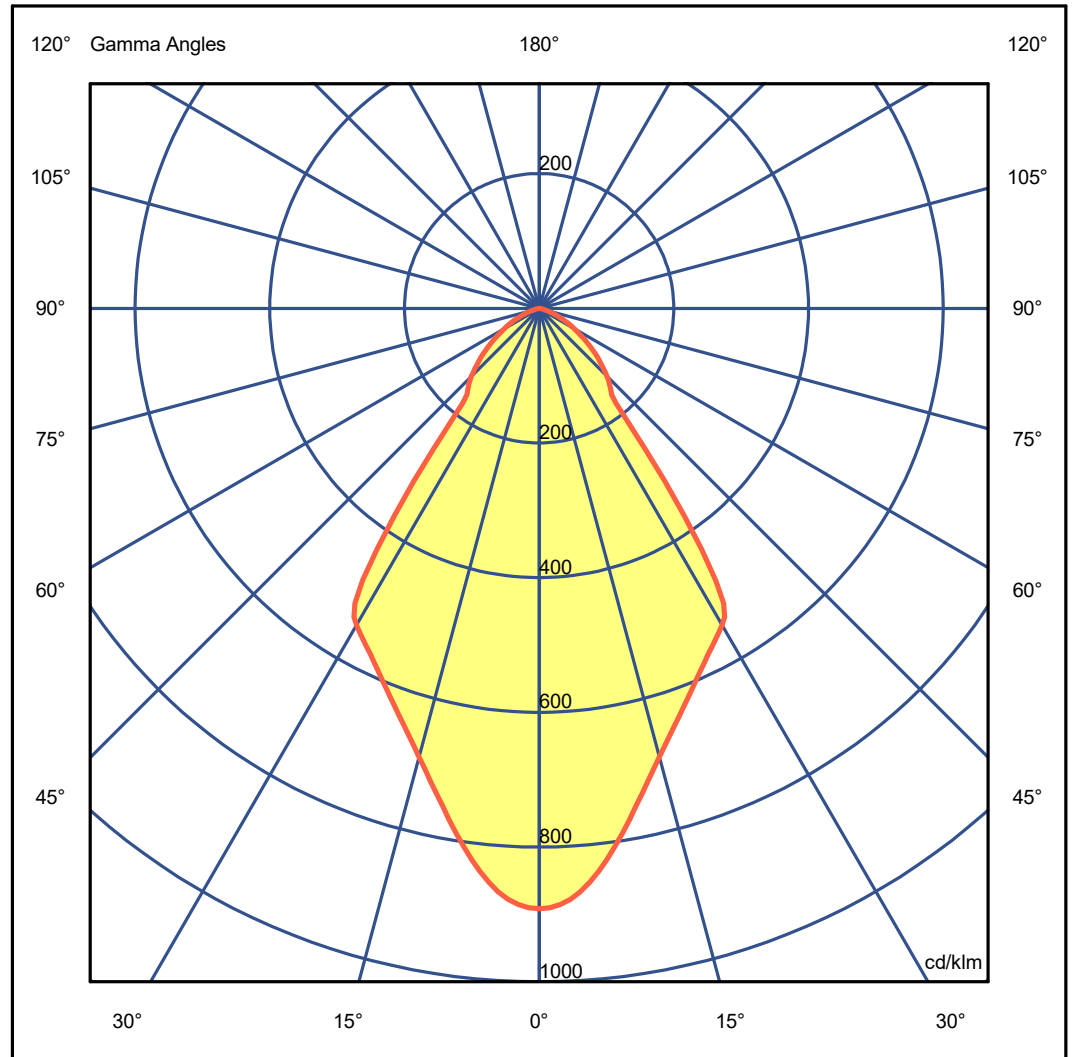
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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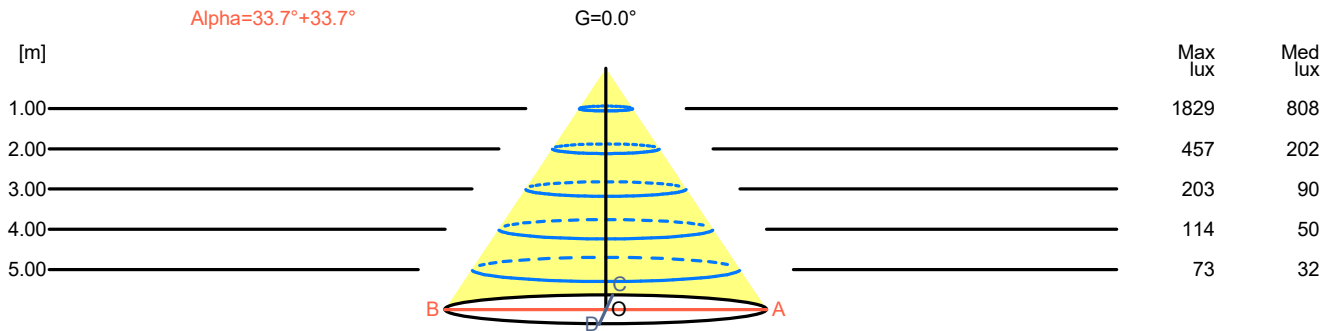
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Sources Flux	2052.55 lm	Maximum value	891.23 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	1829.29	1756.51	1415.42	1190.75	769.08	291.80	172.93	79.59	18.30	0.82
OB	1829.29	1756.51	1415.42	1190.75	769.08	291.80	172.93	79.59	18.30	0.82
OC	1829.29	1756.51	1415.42	1190.75	769.08	291.80	172.93	79.59	18.30	0.82
OD	1829.29	1756.51	1415.42	1190.75	769.08	291.80	172.93	79.59	18.30	0.82



H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0	
1.00	1.33	1829	808			
2.00	2.67	457	202			
3.00	4.00	203	90			
4.00	5.34	114	50			
5.00	6.67	73	32			