

Luminaire

Code HoySpot_SMD_940_UL-FL
 Name Hoy spot SMD 940 UL - FL

Measurement

Code RDN190403
 Name Hoy spot SMD 940 UL - FL

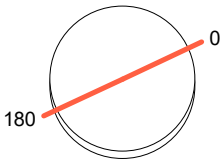
Luminaire Flux	1906.18 lm	Luminaire Power	20.00 W	Efficacy	95.31 lm/W	Efficiency	100.00%
Sources Flux	1906.18 lm	Maximum value	3096.14 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	188 mm		
Round Luminous Area		Diam.	69 mm	Height	0 mm		
Horizontal Luminous Area		0.003739 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°		0.000905 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		31-07-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1906.18 lm	

LED Flux=2441lm LED Power=18W Eff=78% EfcLed=139lm/W EfcLum=95lm/W CCT=4000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h

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

D DIN 5040 A60
 B NBN BZ 1

Diam=90mm



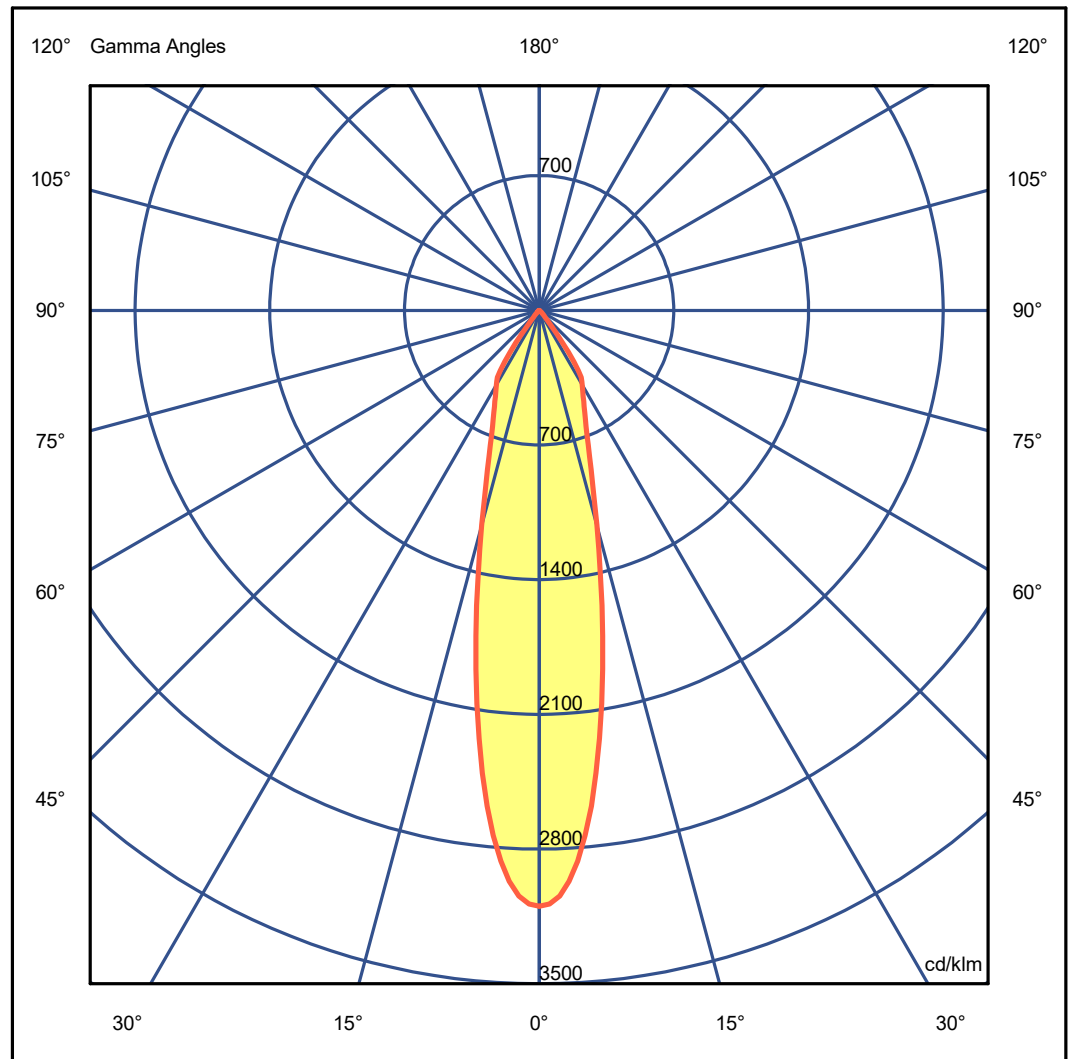
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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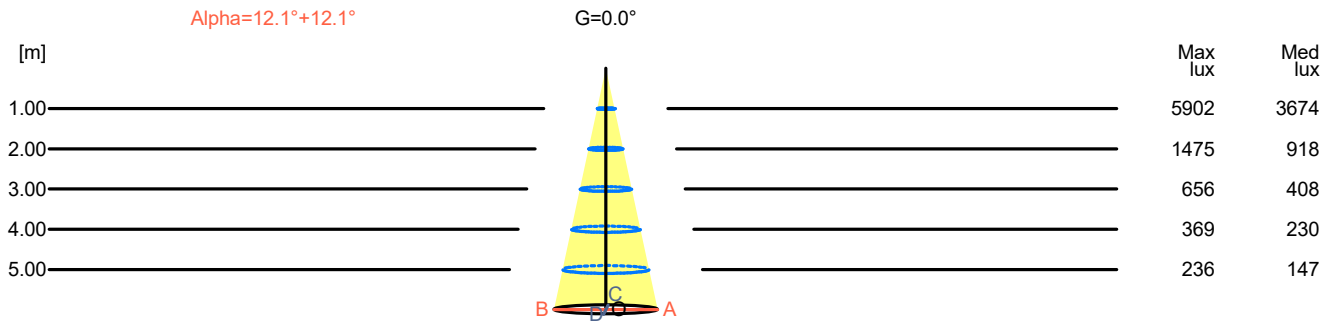
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Sources Flux	1906.18 lm	Maximum value	3096.14 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	0.21	0.43	0.64	0.86	1.07	OC	0.21	0.43	0.64	0.86	1.07
OB	0.21	0.43	0.64	0.86	1.07	OD	0.21	0.43	0.64	0.86	1.07

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5901.80	5222.01	2200.35	1050.54	504.56	45.55	10.86	5.30	1.55	0.43
OB	5901.80	5222.01	2200.35	1050.54	504.56	45.55	10.86	5.30	1.55	0.43
OC	5901.80	5222.01	2200.35	1050.54	504.56	45.55	10.86	5.30	1.55	0.43
OD	5901.80	5222.01	2200.35	1050.54	504.56	45.55	10.86	5.30	1.55	0.43



H[m]	D[m]	Max lux	Med lux	Alpha=12.1°+12.1°	G=0.0
1.00	0.43	5902	3674		
2.00	0.86	1475	918		
3.00	1.29	656	408		
4.00	1.72	369	230		
5.00	2.15	236	147		