

Luminaire

Code HoySpot_SMD_927_UL-FL

Name Hoy spot SMD 927 UL - FL

Measurerm.

Code RDN190403

Name Hoy spot SMD 927 UL - FL

Luminaire Flux	1657.07 lm	Luminaire Power	20.00 W	Efficacy	82.85 lm/W	Efficiency	100.00%
Sources Flux	1657.07 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			1657.07 lm

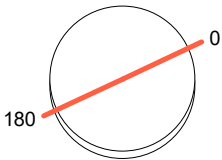
LED Flux=2122lm LED Power=18W Eff=78% EfcLed=121lm/W EfcLum=83lm/W CCT=2700K Ra=90 R9=50 SDCM=2 L70(6K)=50000h

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

D DIN 5040
B NBN

A60
BZ 1

Diam=90mm



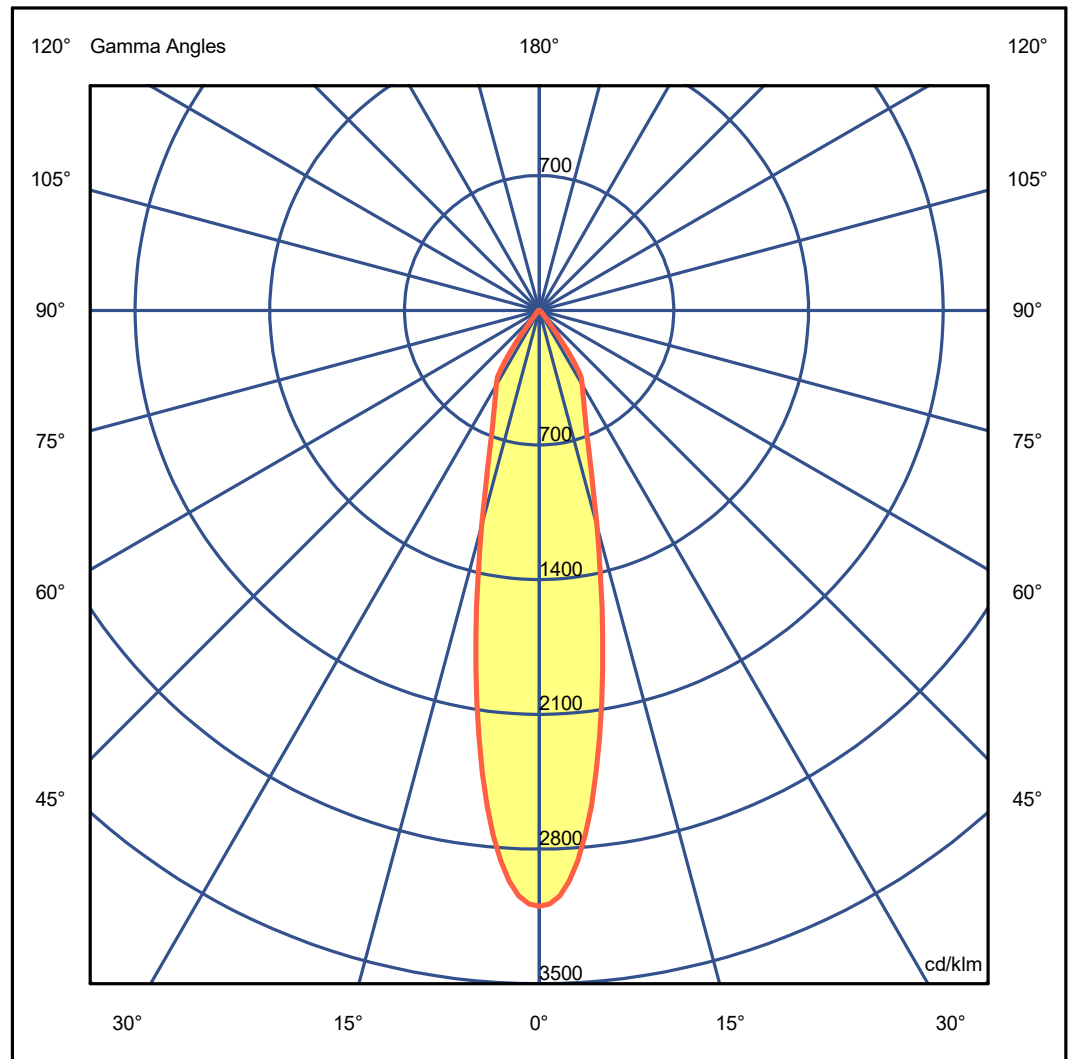
C Halfplanes

180.0 — 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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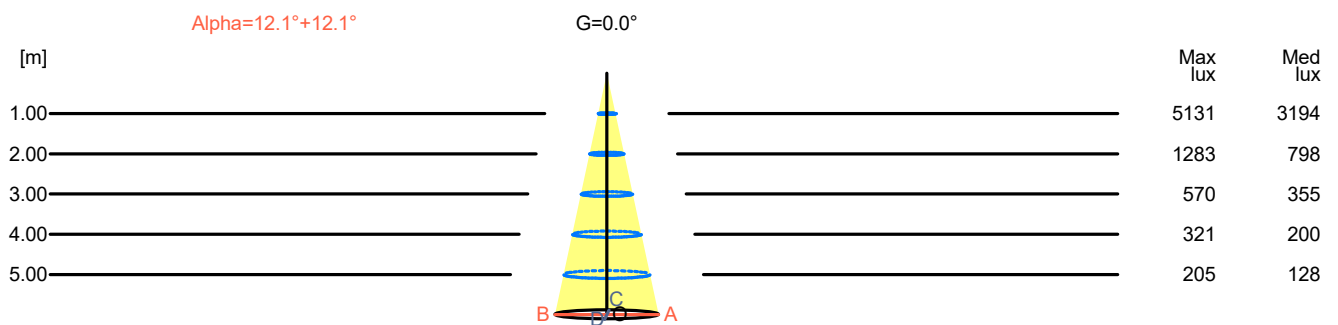
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Width at 50.00 % of Max Intensity

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	0.21	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	5130.53	4539.57	1912.80	913.25	438.62	39.59	9.44	4.61	1.35	0.37
OB	5130.53	4539.57	1912.80	913.25	438.62	39.59	9.44	4.61	1.35	0.37
OC	5130.53	4539.57	1912.80	913.25	438.62	39.59	9.44	4.61	1.35	0.37
OD	5130.53	4539.57	1912.80	913.25	438.62	39.59	9.44	4.61	1.35	0.37



H[m]	D[m]	Max lux	Med lux	Alpha=12.1°+12.1°	G=0.0
1.00	0.43	5131	3194		
2.00	0.86	1283	798		
3.00	1.29	570	355		
4.00	1.72	321	200		
5.00	2.15	205	128		