

**Luminaire**

Code HoySpot\_SMD\_UL- NS 13°  
 Name HoySpot\_SMD\_UL- NS 13°

**Measurement**

Code RDN210202  
 Name Hoy spot SMD UL - SP

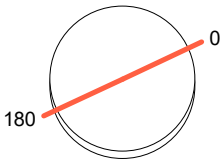
Luminaire Flux	2070.53 lm	Luminaire Power	20.00 W	Efficacy	103.53 lm/W	Efficiency	100.00%
Sources Flux	2070.53 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	110 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area			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		28-04-2022		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			2070.53 lm

LED Flux=2272lm LED Power=18W Eff=91% EfcLed=130lm/W EfcLum=104lm/W CCT=3500 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

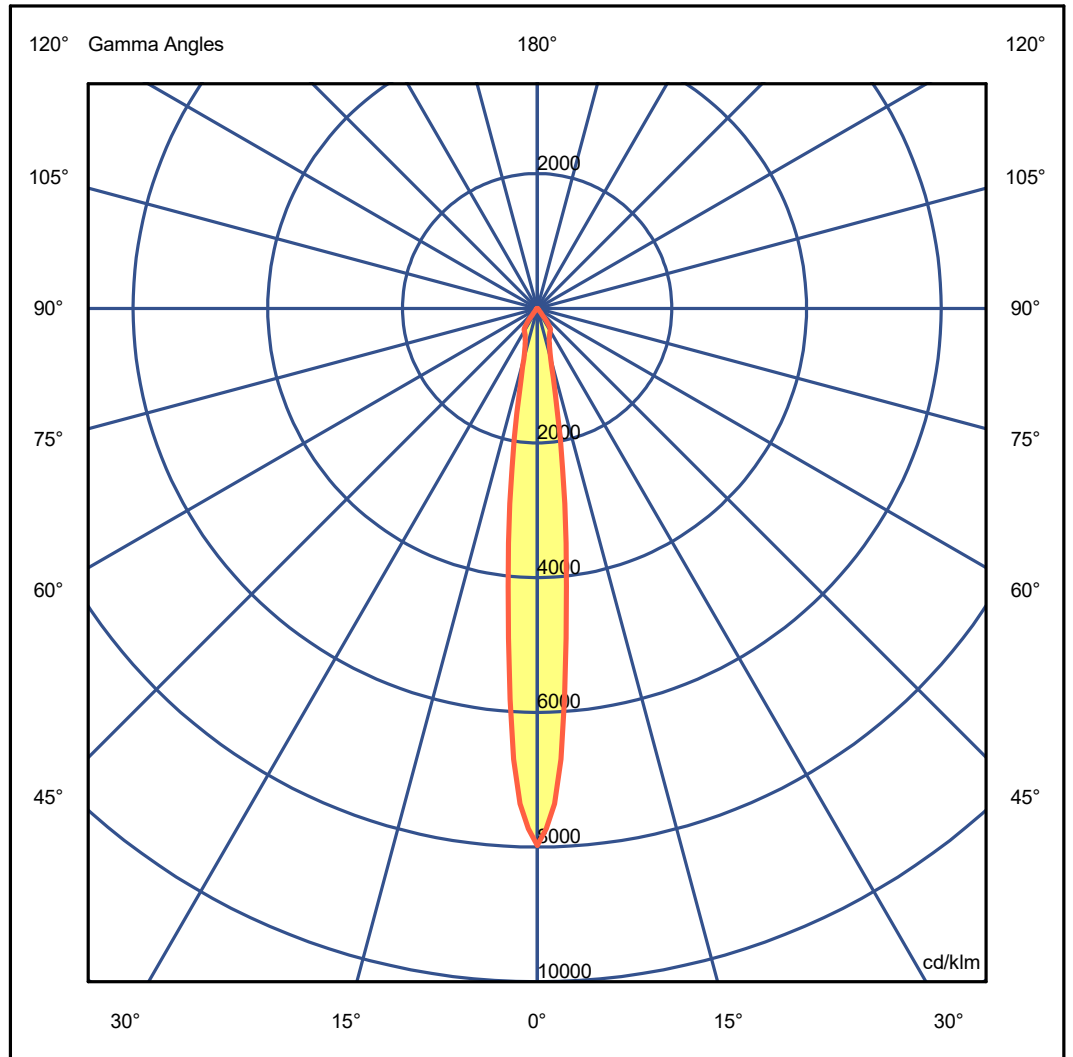
Diam=90mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



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**Measurem.**

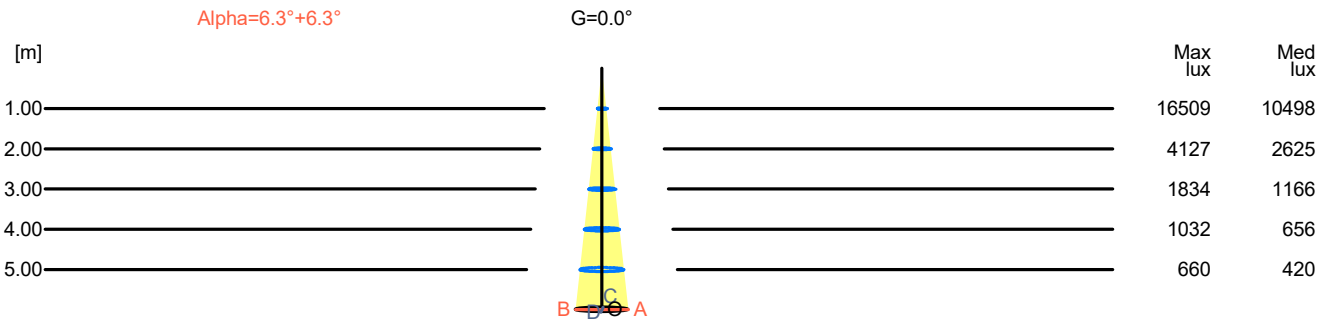
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Sources Flux	2070.53 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	16508.50	10179.27	1609.19	893.67	572.37	38.19	17.88	3.19	0.71	0.10
OB	16508.50	10179.27	1609.19	893.67	572.37	38.19	17.88	3.19	0.71	0.10
OC	16508.50	10179.27	1609.19	893.67	572.37	38.19	17.88	3.19	0.71	0.10
OD	16508.50	10179.27	1609.19	893.67	572.37	38.19	17.88	3.19	0.71	0.10



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+6.3°	G=0.0
1.00	0.22	16509	10498		
2.00	0.44	4127	2625		
3.00	0.66	1834	1166		
4.00	0.88	1032	656		
5.00	1.10	660	420		