

Luminaire

Code HoySpot_SMD_940_UL-SP
 Name Hoy spot SMD 940 UL - SP
Measurement.
 Code RDN210202
 Name Hoy spot SMD 940 UL - SP

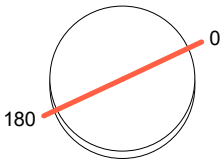
Luminaire Flux	2224.54 lm	Luminaire Power	20.00 W	Efficacy	111.23 lm/W	Efficiency	100.00%
Sources Flux	2224.54 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	90 mm	Height	188 mm		
Round Luminous Area		Diam.	74 mm	Height	0 mm		
Horizontal Luminous Area		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		31-07-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2224.54 lm	

LED Flux=2441lm LED Power=18W Eff=91% EfcLed=139lm/W EfcLum=111lm/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

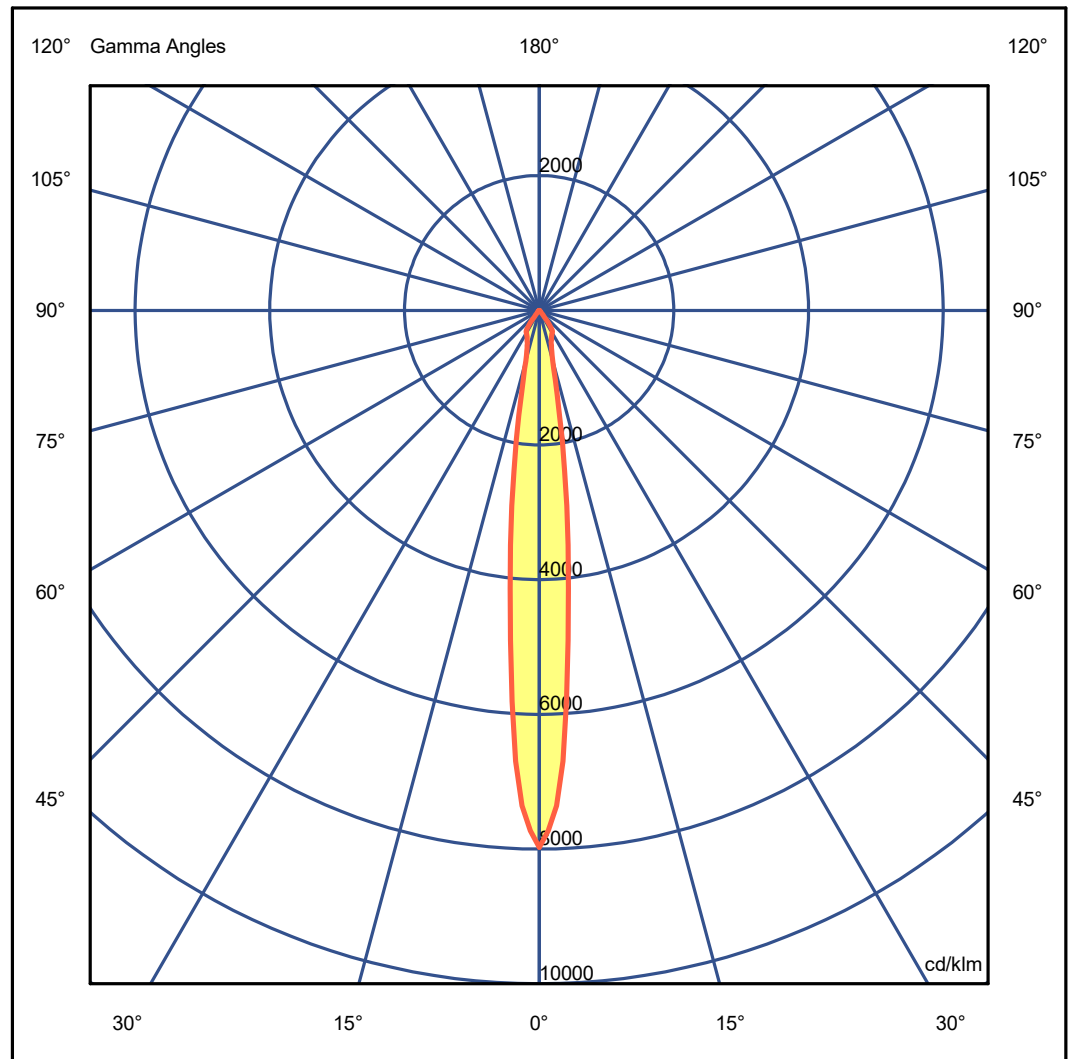
Diam=90mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



Luminaire

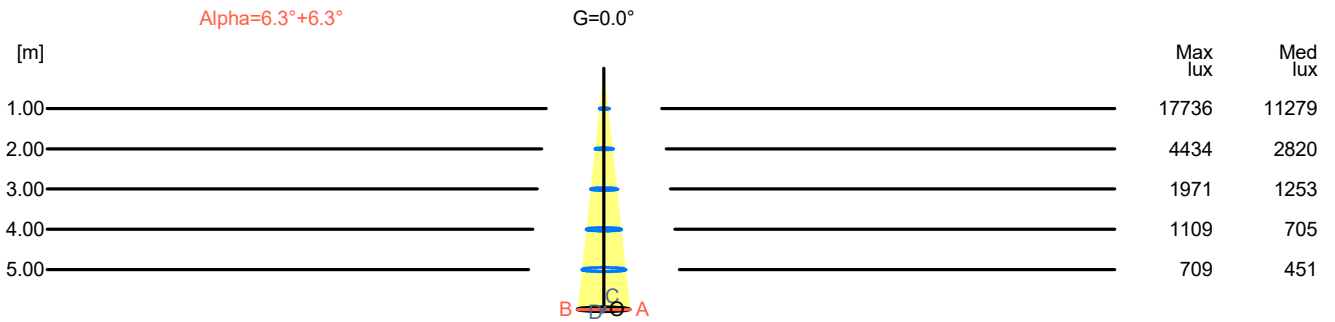
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Sources Flux	2224.54 lm	Maximum value	7973.08 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

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	17736.46	10936.43	1728.89	960.14	614.95	41.03	19.21	3.42	0.77	0.11
OB	17736.46	10936.43	1728.89	960.14	614.95	41.03	19.21	3.42	0.77	0.11
OC	17736.46	10936.43	1728.89	960.14	614.95	41.03	19.21	3.42	0.77	0.11
OD	17736.46	10936.43	1728.89	960.14	614.95	41.03	19.21	3.42	0.77	0.11



H[m]	D[m]	Max lux	Med lux	Alpha=6.3°+6.3°	G=0.0
1.00	0.22	17736	11279		
2.00	0.44	4434	2820		
3.00	0.66	1971	1253		
4.00	0.88	1109	705		
5.00	1.10	709	451		