

Luminaire

Code KZ33004
Name kata metron pst spot 1x55 Dali 940 SP nr

Measurement

Code FTS2400346.
Name kata metron pst spot 1x55 Dali 940 SP nr

Luminaire Flux	1951 lm	Luminaire Power	22.0 W	Efficacy	88.682 lm/W	Efficiency	100.00%
Source Flux	1951 lm	Maximum value	7350.97 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire Round Luminous Area	Length Diam.	55 mm 48 mm	Width Height	55 mm 0 mm	Height	130 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.001810 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.000000 m2 0.000000 m2 0.000438 m2				
Coordinate system Date Measurement Distance	CG 20-06-2024 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Rotosymmetrical 180 1951 lm				
LED Flux=2745lm LED Power=18W Eff=71% EfcLed=157lm/W EfcLum=89lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E. F UTE	99 100 100 100 100 --	D DIN 5040 B NBN	A60 BZ 1				

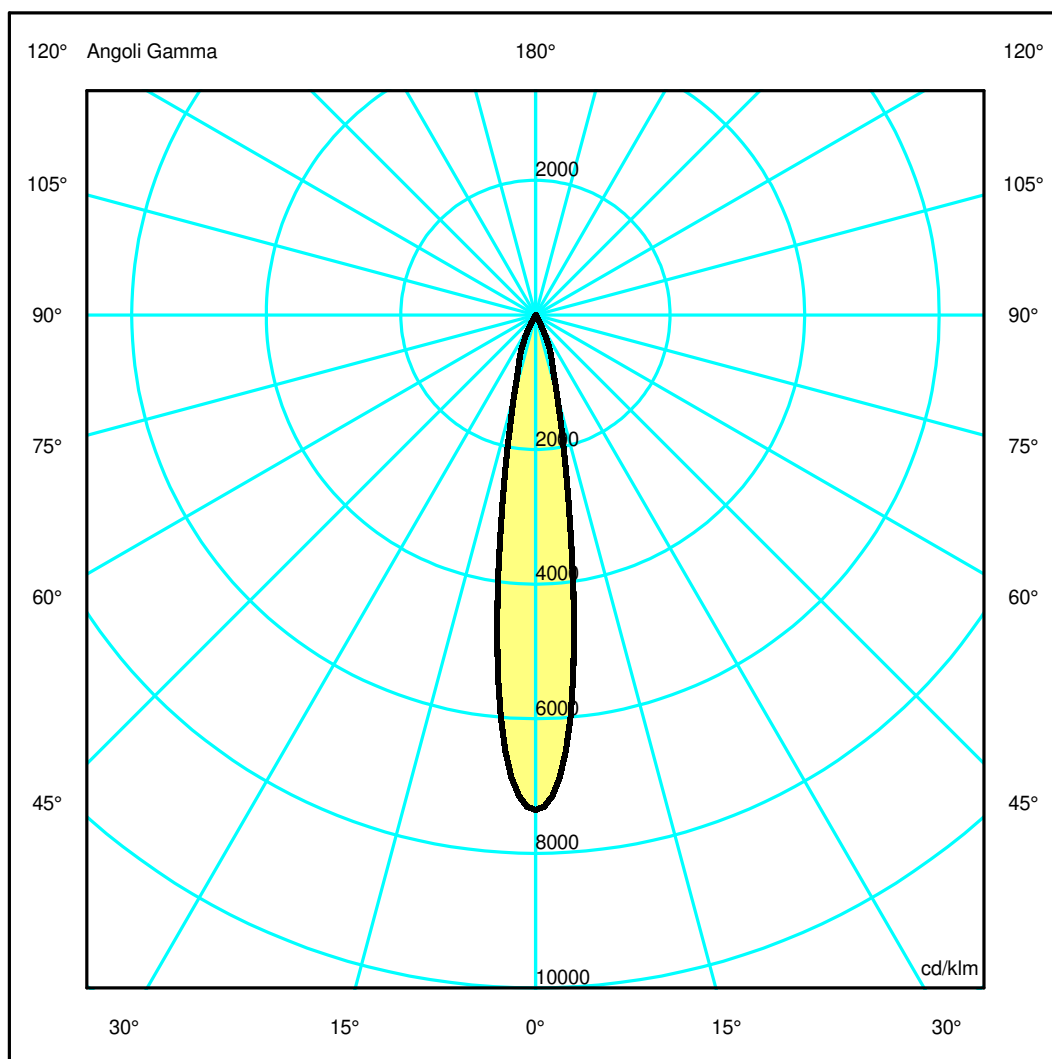
55mm x 55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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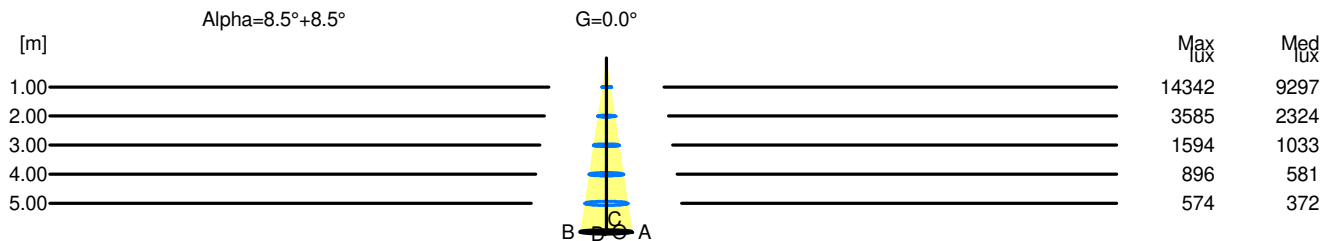
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Width at 50.00 % of Max Intensity

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	0.15	0.30	0.45	0.60	0.75	OC	0.15	0.30	0.45	0.60	0.75
OB	0.15	0.30	0.45	0.60	0.75	OD	0.15	0.30	0.45	0.60	0.75

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	14341.75	11650.92	2396.02	693.65	21.77	8.26	4.02	2.40	1.28	0.51
OB	14341.75	11650.92	2396.02	693.65	21.77	8.26	4.02	2.40	1.28	0.51
OC	14341.75	11650.92	2396.02	693.65	21.77	8.26	4.02	2.40	1.28	0.51
OD	14341.75	11650.92	2396.02	693.65	21.77	8.26	4.02	2.40	1.28	0.51



H[m]	D[m]	Max lux	Med lux	Alpha=8.5°+8.5°	G=0.0
1.00	0.30	14342	9297		
2.00	0.60	3585	2324		
3.00	0.90	1594	1033		
4.00	1.20	896	581		
5.00	1.50	574	372		