

Luminaire

Code KZ83004
Name kata metron pst pnd 2x55 Dali 940 SP nro

Measurement

Code FTS2400382.
Name kata metron pst pnd 2x55 Dali 940 SP nro

Luminaire Flux	1951 lm	Luminaire Power	20.0 W	Efficacy	97.550 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	CG	Symmetry Type	Rotosymmetrical				
Date	20-06-2024	Maximum Gamma Angle	180				
Measurement Distance	0.00	Measurement Flux	1951 lm				
LED Flux=2745lm LED Power=18W Eff=71% EfcLed=157lm/W EfcLum=98lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E.	99 100 100 100 100	D DIN 5040	A60				
F UTE	--	B NBN	BZ 1				

55mm x 55mm



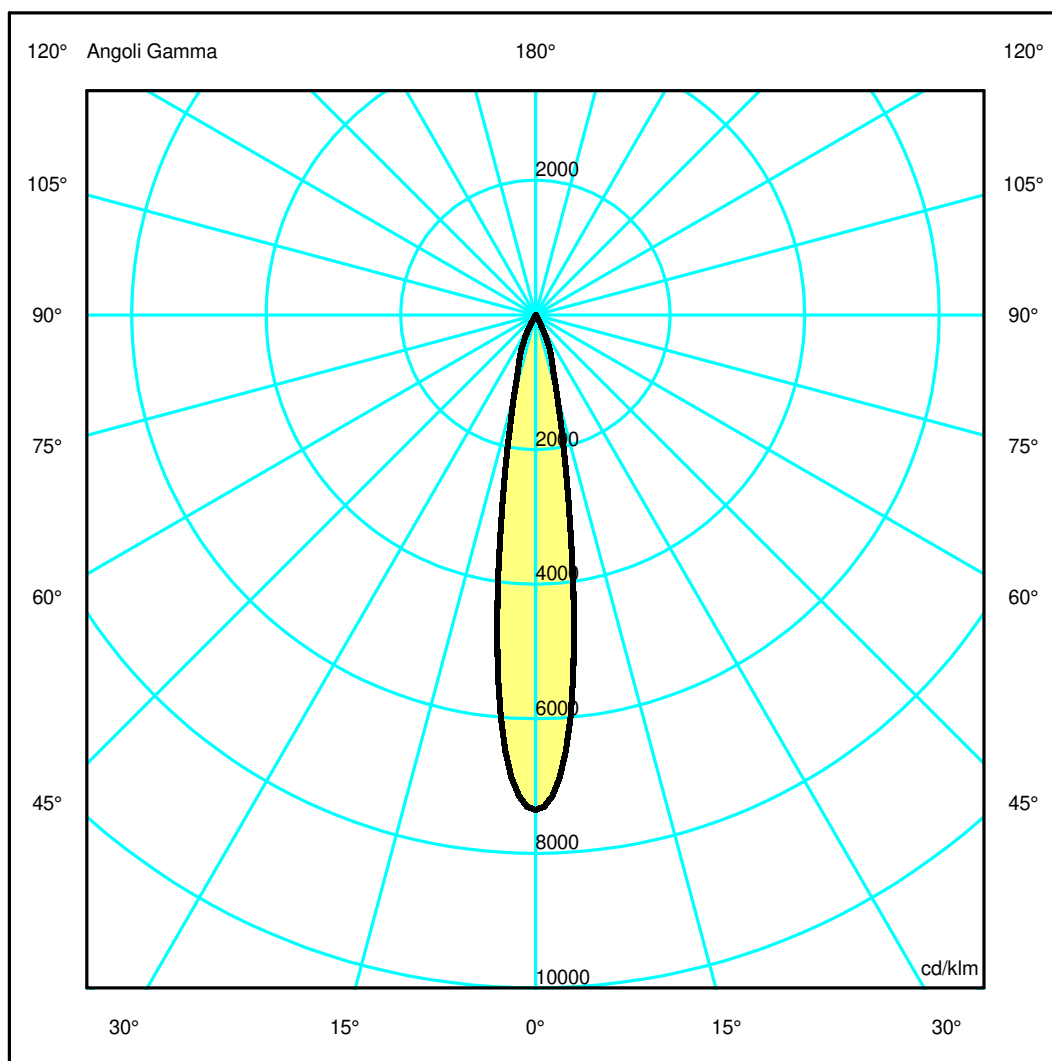
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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Measurment.

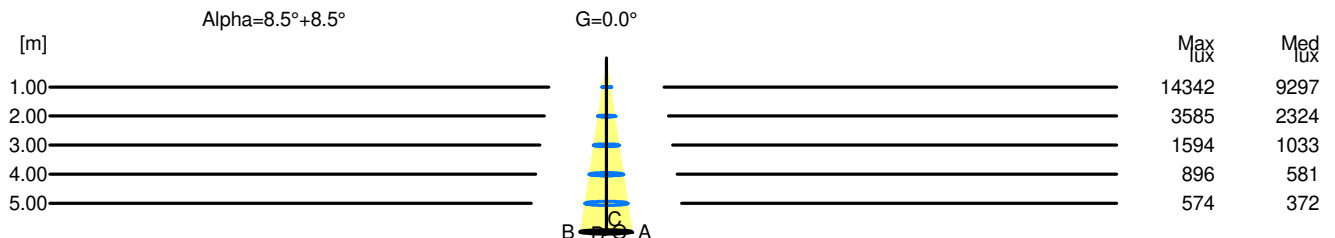
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Coordinate system Date Measurement Distance	CG 20-06-2024 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Rotosymmetrical 180 1951 lm				
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C.I.E. F UTE	99 100 100 100 100 --	D DIN 5040 B NBN	A60 BZ 1				

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		