

Luminaire

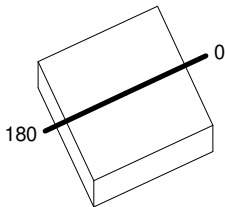
Code KZ30104
Name kata metron pst spot 1x55 Dali 927 FL nr

Measurement

Code FTS2400323.
Name kata metron pst spot 1x55 Dali 927 FL nr

Luminaire Flux	1748 lm	Luminaire Power	22.0 W	Efficacy	79.455 lm/W	Efficiency	100.00%
Source Flux	1748 lm	Maximum value	5145.51 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 1748 lm				
LED Flux=2404lm LED Power=18W Eff=73% EfcLed=137lm/W EfcLum=79lm/W CCT=2700K 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				

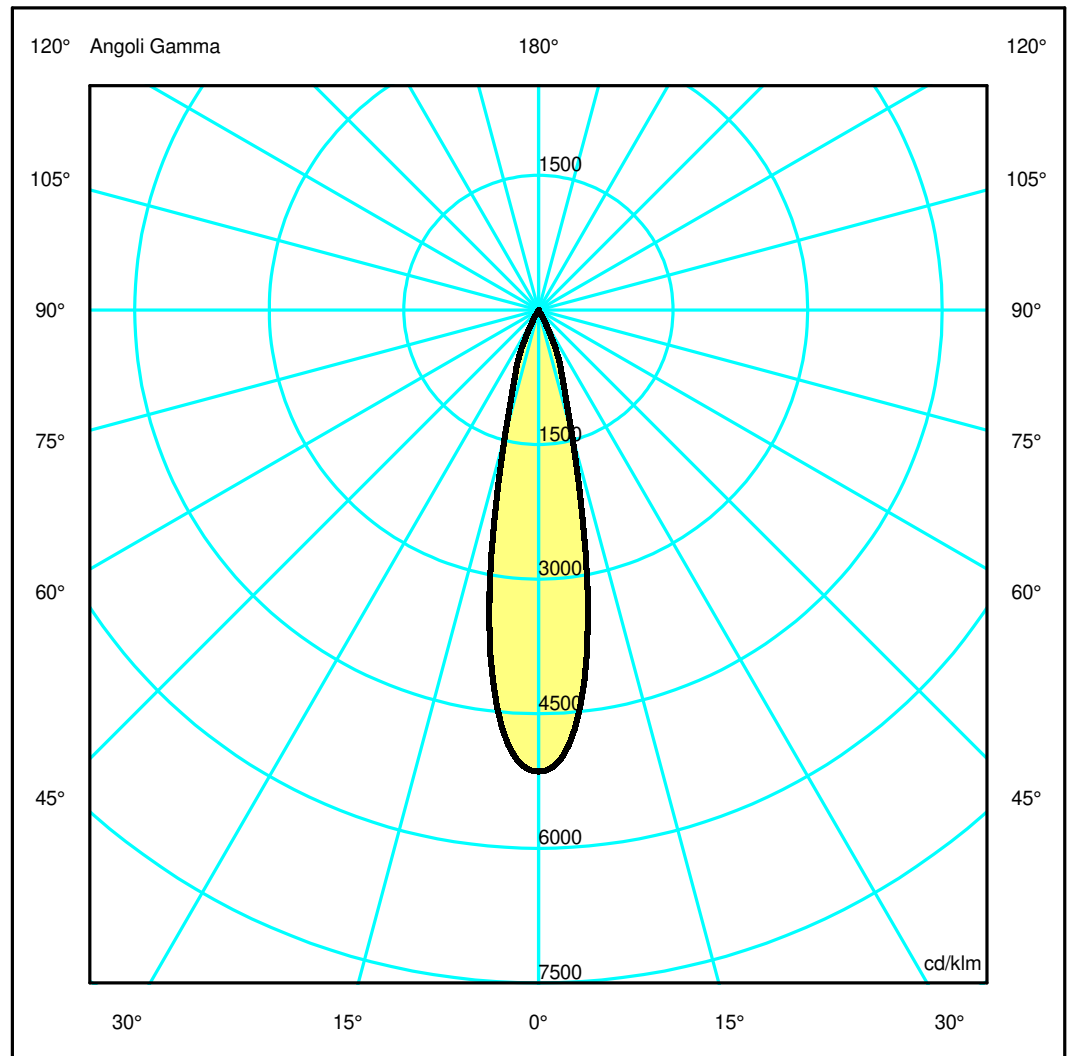
55mm x 55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Measurment.

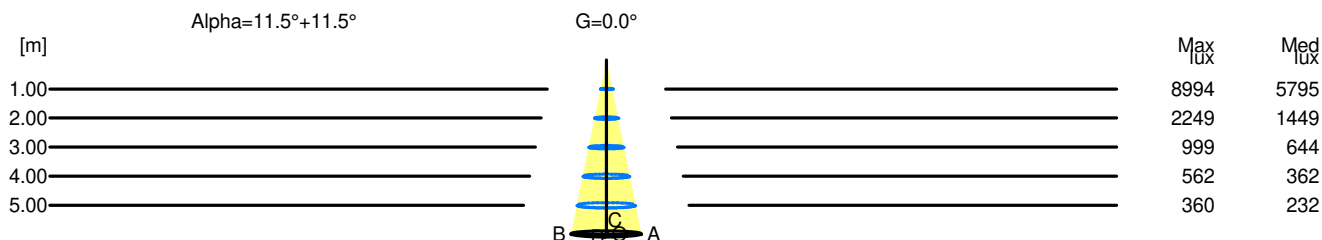
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Rectangular Luminaire Round Luminous Area		Length Diam.	55 mm 48 mm	Width Height	55 mm 0 mm	Height	130 mm
Horizontal Luminous Area		0.001810 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000438 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		20-06-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1748 lm	
LED Flux=2404lm LED Power=18W Eff=73% EfcLed=137lm/W EfcLum=79lm/W CCT=2700K 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

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	0.20	0.41	0.61	0.81	1.01	OC	0.20	0.41	0.61	0.81	1.01
OB	0.20	0.41	0.61	0.81	1.01	OD	0.20	0.41	0.61	0.81	1.01

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	8994.34	8175.20	2528.39	638.91	17.66	6.42	3.13	1.88	1.05	0.40
OB	8994.34	8175.20	2528.39	638.91	17.66	6.42	3.13	1.88	1.05	0.40
OC	8994.34	8175.20	2528.39	638.91	17.66	6.42	3.13	1.88	1.05	0.40
OD	8994.34	8175.20	2528.39	638.91	17.66	6.42	3.13	1.88	1.05	0.40



H[m]	D[m]	Max lux	Med lux	Alpha=11.5°+11.5°	G=0.0
1.00	0.41	8994	5795		
2.00	0.81	2249	1449		
3.00	1.22	999	644		
4.00	1.62	562	362		
5.00	2.03	360	232		