

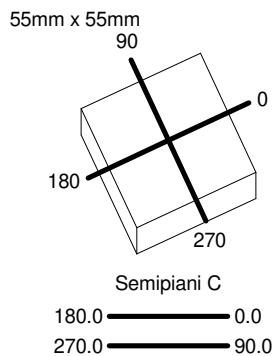
## Luminaire

Code KZ81004+AP91200  
 Name kata metron pst pnd 2x55 Dali 930 SP nro + Lens for Elliptical emission

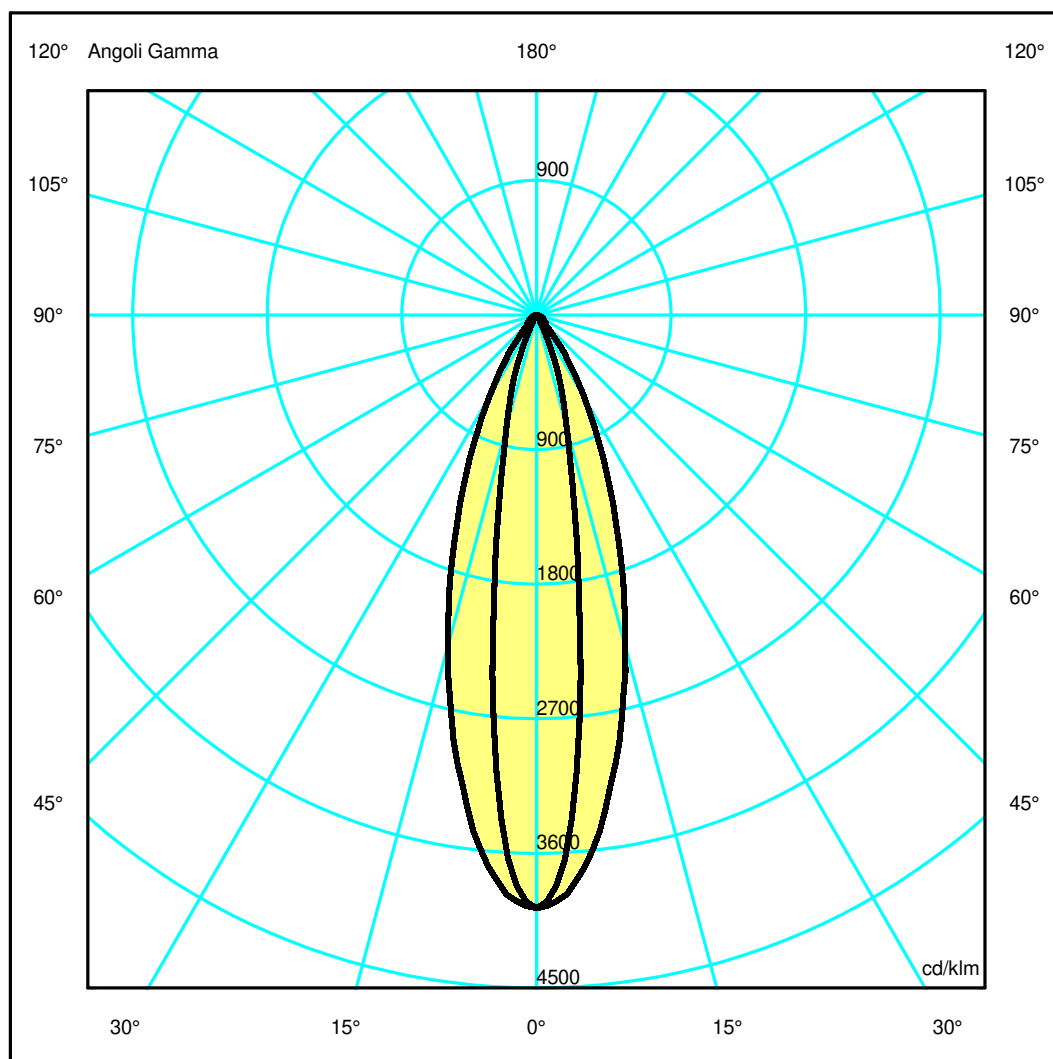
## Measurement

Code FTS2400376.  
 Name kata metron pst pnd 2x55 Dali 930 SP nro + Lens for Elliptical emission

Luminaire Flux	1148 lm	Luminaire Power	20.0 W	Efficacy	57.400 lm/W	Efficiency	100.00%
Source Flux	1148 lm	Maximum value	3966.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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		Double Symmetrical	
Date		20-06-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1148 lm	
LED Flux=2539lm LED Power=18W Eff=45% EfcLed=145lm/W EfcLum=57lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E.	94 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



ULOR 0.00 %  
 DLOR100.00 %  
 RN 0.00 %



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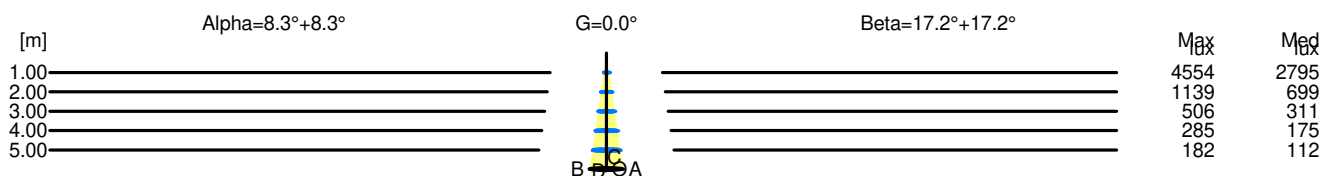
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Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.001810 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.000438 m2	
Coordinate system Date Measurement Distance		CG 20-06-2024 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 1148 lm	
LED Flux=2539lm LED Power=18W Eff=45% EfcLed=145lm/W EfcLum=57lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E. F UTE	94 98 99 100 100 1.00 A			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	0.29	0.44	0.59	0.73	OC	0.31	0.62	0.93	1.24	1.55
OB	0.15	0.29	0.44	0.59	0.73	OD	0.31	0.62	0.93	1.24	1.55

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4554.00	3528.15	889.93	161.22	27.53	14.60	8.35	5.83	4.70	1.36
OB	4554.00	3528.15	889.93	161.22	27.53	14.60	8.35	5.83	4.70	1.36
OC	4554.00	4249.47	2622.37	1214.48	395.28	100.39	71.49	45.89	30.48	8.41
OD	4554.00	4249.47	2622.37	1214.48	395.28	100.39	71.49	45.89	30.48	8.41



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	4554	2795		
2.00	0.59	1139	699		
3.00	0.88	506	311		
4.00	1.17	285	175		
5.00	1.46	182	112		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	4554	2795		
2.00	1.24	1139	699		
3.00	1.85	506	311		
4.00	2.47	285	175		
5.00	3.09	182	112		