

Luminaire

Code KZ13004+AP91200
Name kata metron pst spot 2x55 Dali 940 SP nro + Lens for Elliptical emission

Measurement

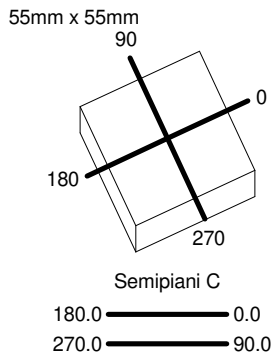
Code FTS2400388.
Name kata metron pst spot 2x55 Dali 940 SP nro + Lens for Elliptical emission

Luminaire Flux	1241 lm	Luminaire Power	20.0 W	Efficacy	62.050 lm/W	Efficiency	100.00%
Source Flux	1241 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 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 1241 lm	

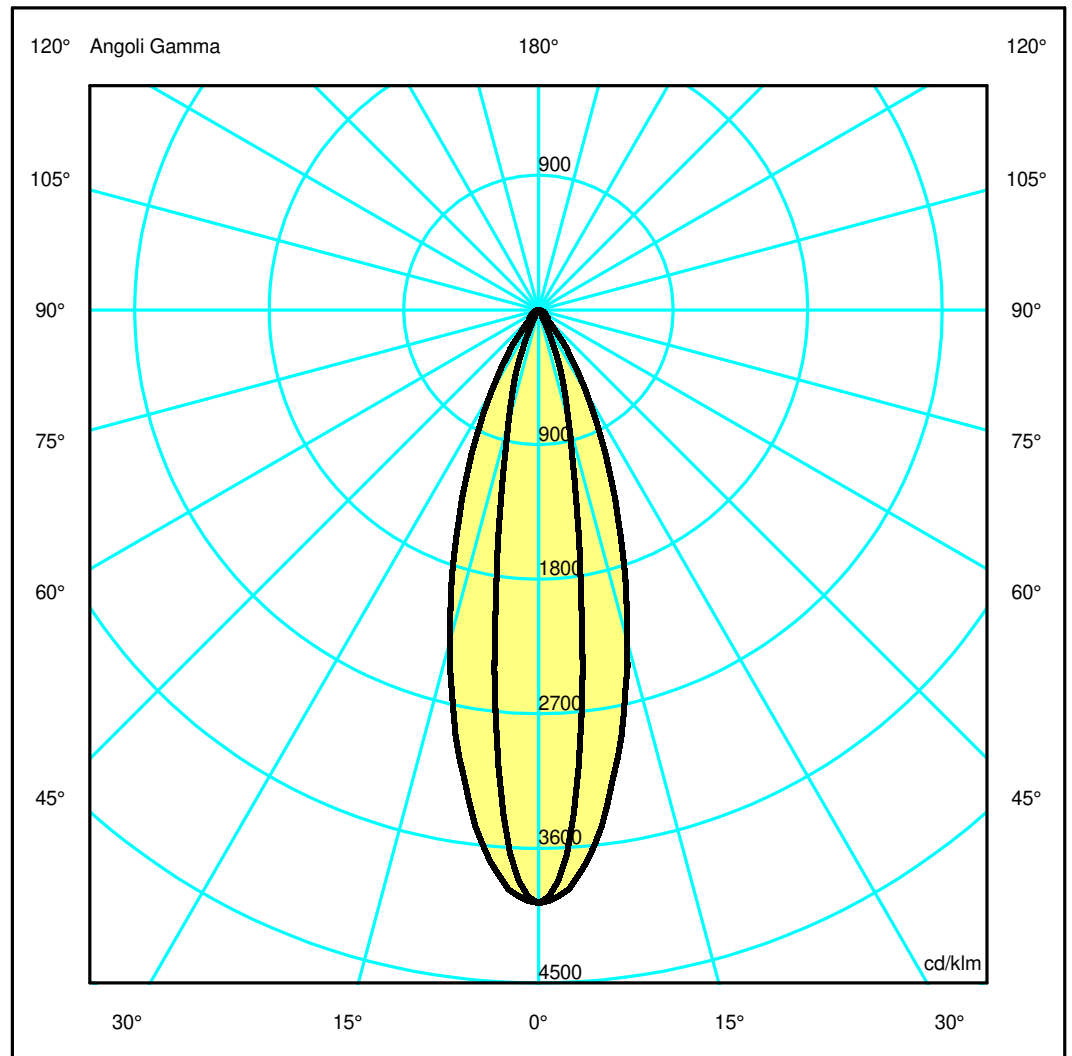
LED Flux=2745lm LED Power=18W Eff=45% EfcLed=157lm/W EfcLum=62lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h

C.I.E. 94 98 99 100 100
F UTE 1.00 A

D DIN 5040
B NBN
A60
BZ 1



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire

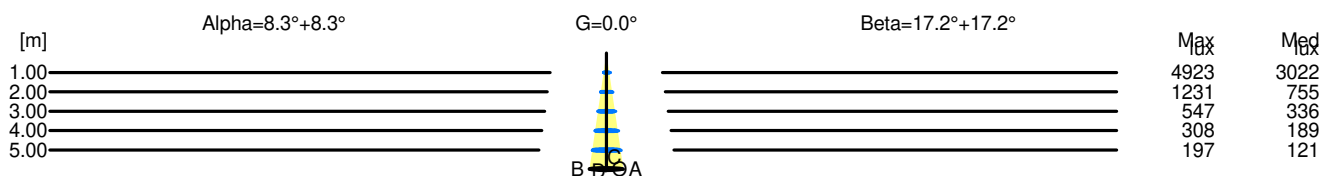
Code KZ13004+AP91200
 Name kata metron pst spot 2x55 Dali 940 SP nro + Lens for Elliptical emission
Measurement.
 Code FTS2400388.
 Name kata metron pst spot 2x55 Dali 940 SP nro + Lens for Elliptical emission

Luminaire Flux	1241 lm	Luminaire Power	20.0 W	Efficacy	62.050 lm/W	Efficiency	100.00%
Source Flux	1241 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 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 1241 lm				
LED Flux=2745lm LED Power=18W Eff=45% EfcLed=157lm/W EfcLum=62lm/W CCT=4000K 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	4922.92	3813.97	962.03	174.28	29.76	15.78	9.02	6.30	5.08	1.47
OB	4922.92	3813.97	962.03	174.28	29.76	15.78	9.02	6.30	5.08	1.47
OC	4922.92	4593.72	2834.81	1312.86	427.30	108.52	77.28	49.61	32.95	9.09
OD	4922.92	4593.72	2834.81	1312.86	427.30	108.52	77.28	49.61	32.95	9.09



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	4923	3022		
2.00	0.59	1231	755		
3.00	0.88	547	336		
4.00	1.17	308	189		
5.00	1.46	197	121		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	4923	3022		
2.00	1.24	1231	755		
3.00	1.85	547	336		
4.00	2.47	308	189		
5.00	3.09	197	121		