

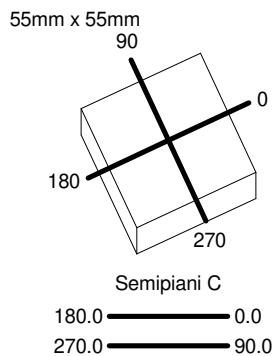
Luminaire

Code KZ83204+AP91200
 Name kata metron pst pnd 2x55 Dali 940 WF nro + Lens for Elliptical emission

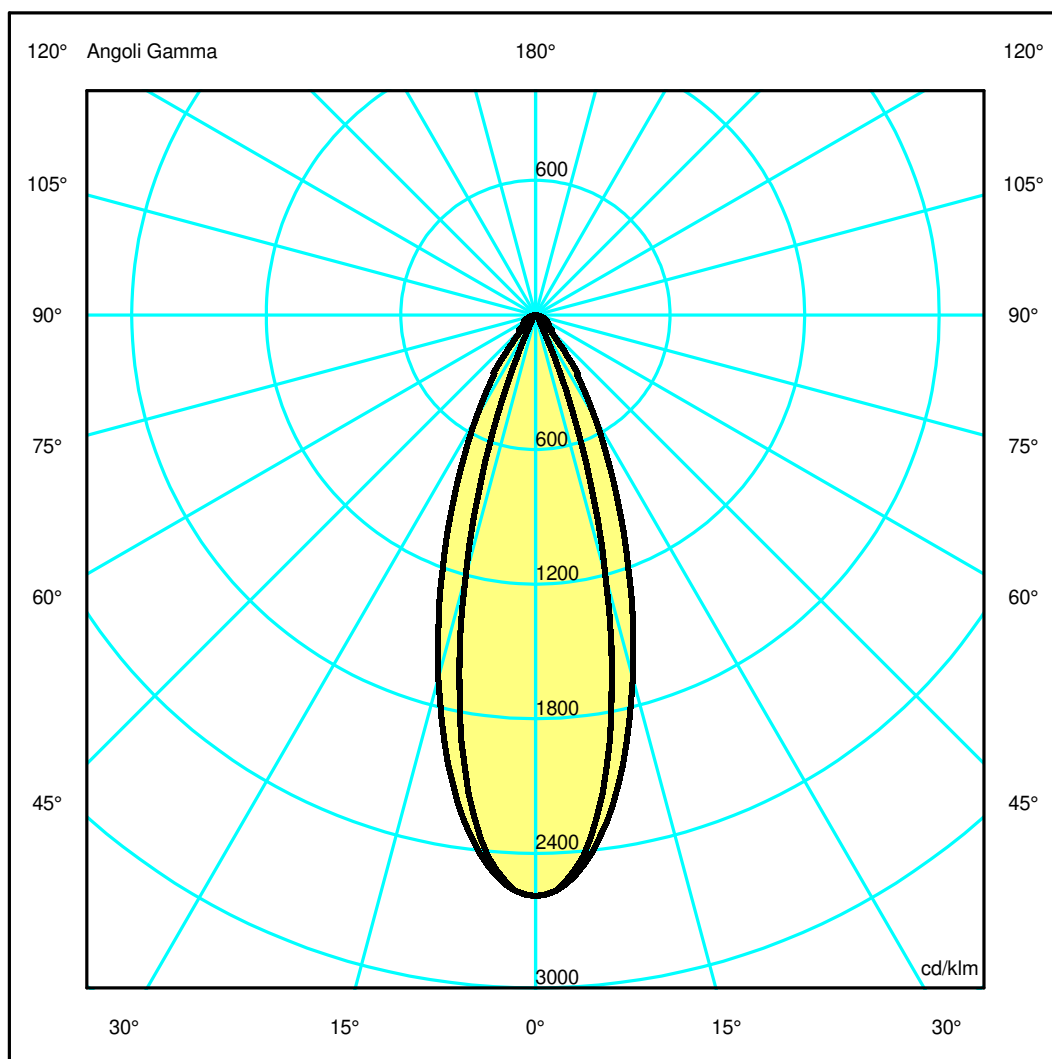
Measurement

Code FTS2400390.
 Name kata metron pst pnd 2x55 Dali 940 WF nro + Lens for Elliptical emission

Luminaire Flux	1471 lm	Luminaire Power	20.0 W	Efficacy	73.550 lm/W	Efficiency	100.00%
Source Flux	1471 lm	Maximum value	2589.45 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	CG	Symmetry Type		Double Symmetrical			
Date	20-06-2024	Maximum Gamma Angle		180			
Measurement Distance	0.00	Measurement Flux		1471 lm			
LED Flux=2745lm LED Power=18W Eff=54% EfcLed=157lm/W EfcLum=74lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E.	93 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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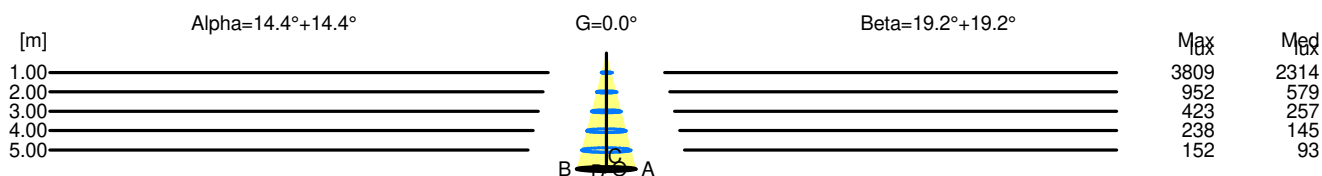
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Coordinate system Date Measurement Distance		CG 20-06-2024 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 1471 lm	
LED Flux=2745lm LED Power=18W Eff=54% EfcLed=157lm/W EfcLum=74lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E. F UTE	93 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	0.26	0.51	0.77	1.03	1.28	OC	0.35	0.70	1.04	1.39	1.74
OB	0.26	0.51	0.77	1.03	1.28	OD	0.35	0.70	1.04	1.39	1.74

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3809.08	3565.96	1769.36	216.86	41.69	21.73	12.01	7.70	5.08	1.39
OB	3809.08	3565.96	1769.36	216.86	41.69	21.73	12.01	7.70	5.08	1.39
OC	3809.08	3622.44	2465.67	1217.62	469.48	134.77	103.78	68.51	41.76	8.74
OD	3809.08	3622.44	2465.67	1217.62	469.48	134.77	103.78	68.51	41.76	8.74



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	3809	2314		
2.00	1.03	952	579		
3.00	1.54	423	257		
4.00	2.05	238	145		
5.00	2.57	152	93		

H[m]	D[m]	Max lux	Med lux	Beta=19.2°+19.2°	G=0.0
1.00	0.70	3809	2314		
2.00	1.39	952	579		
3.00	2.09	423	257		
4.00	2.78	238	145		
5.00	3.48	152	93		