

Luminaire

Code KZ53104+AP90200

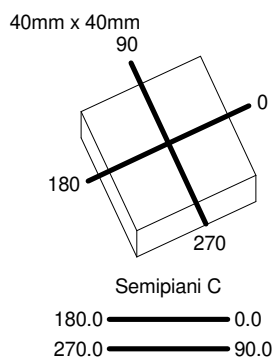
Name kata metron pst spt 2x40 FL nro + Lens for Elliptical emission

Measurem.

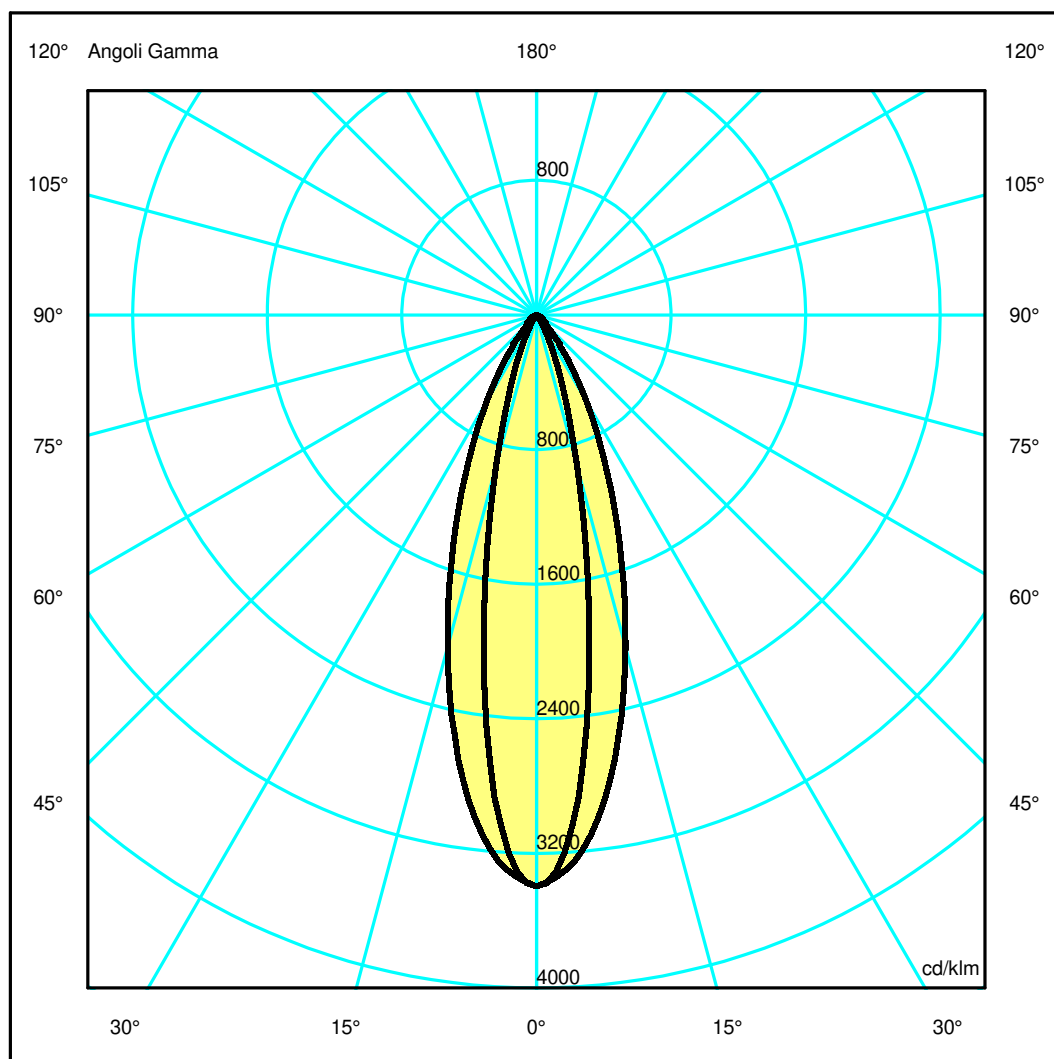
Code FTS2400461

Name kata metron pst spt 2x40 FL nro + Lens for Elliptical emission

Luminaire Flux	364 lm	Luminaire Power	9.5 W	Efficacy	38.316 lm/W	Efficiency	100.00%
Source Flux	364 lm	Maximum value	3396.08 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire Round Luminous Area		Length Diam.	40 mm 33 mm	Width Height	40 mm 0 mm	Height	103 mm
Horizontal Luminous Area		0.000855 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°		0.000207 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		21-06-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		364 lm	
LED Flux=929lm LED Power=8W Eff=39% EfcLed=118lm/W EfcLum=38lm/W CCT=4000K Ra=90 R9=50 SDCM=2 L70(9k)=50000h							
C.I.E.	96 99 100 100 100			D DIN 5040		A60	
F UTE	1.00 A			B NBN		BZ 1	



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurem.

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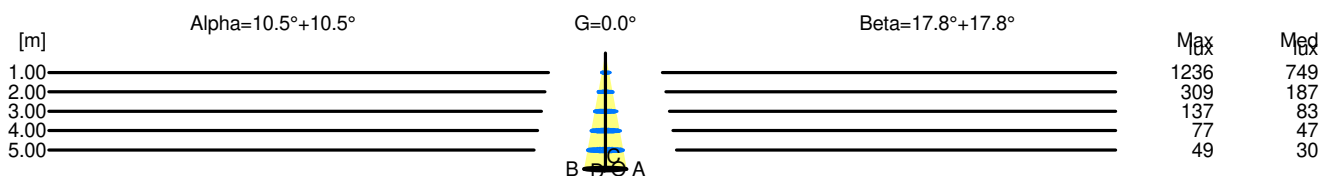
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Round Luminous Area		Diam.	33 mm	Height	0 mm		
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C.I.E.	96 99 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

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	0.19	0.37	0.56	0.74	0.93	OC	0.32	0.64	0.96	1.28	1.60
OB	0.19	0.37	0.56	0.74	0.93	OD	0.32	0.64	0.96	1.28	1.60

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1236.17	1046.01	339.04	77.94	12.46	4.36	2.15	1.35	0.87	0.29
OB	1236.17	1046.01	339.04	77.94	12.46	4.36	2.15	1.35	0.87	0.29
OC	1236.17	1158.94	743.12	347.96	120.12	29.83	15.30	10.28	2.24	0.28
OD	1236.17	1158.94	743.12	347.96	120.12	29.83	15.30	10.28	2.24	0.28



H[m]	D[m]	Max lux	Med lux	Alpha=10.5°+10.5°	G=0.0
1.00	0.37	1236	749		
2.00	0.74	309	187		
3.00	1.11	137	83		
4.00	1.48	77	47		
5.00	1.85	49	30		

H[m]	D[m]	Max lux	Med lux	Beta=17.8°+17.8°	G=0.0
1.00	0.64	1236	749		
2.00	1.28	309	187		
3.00	1.93	137	83		
4.00	2.57	77	47		
5.00	3.21	49	30		