

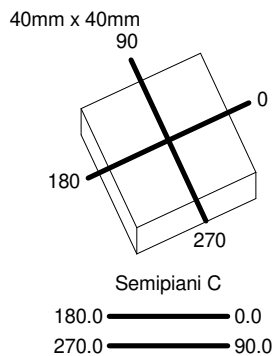
Luminaire

Code KZ21204+AP90200
 Name kata metron pst pen 1x40 Dali 930 WF nr + Lens for Elliptical emission

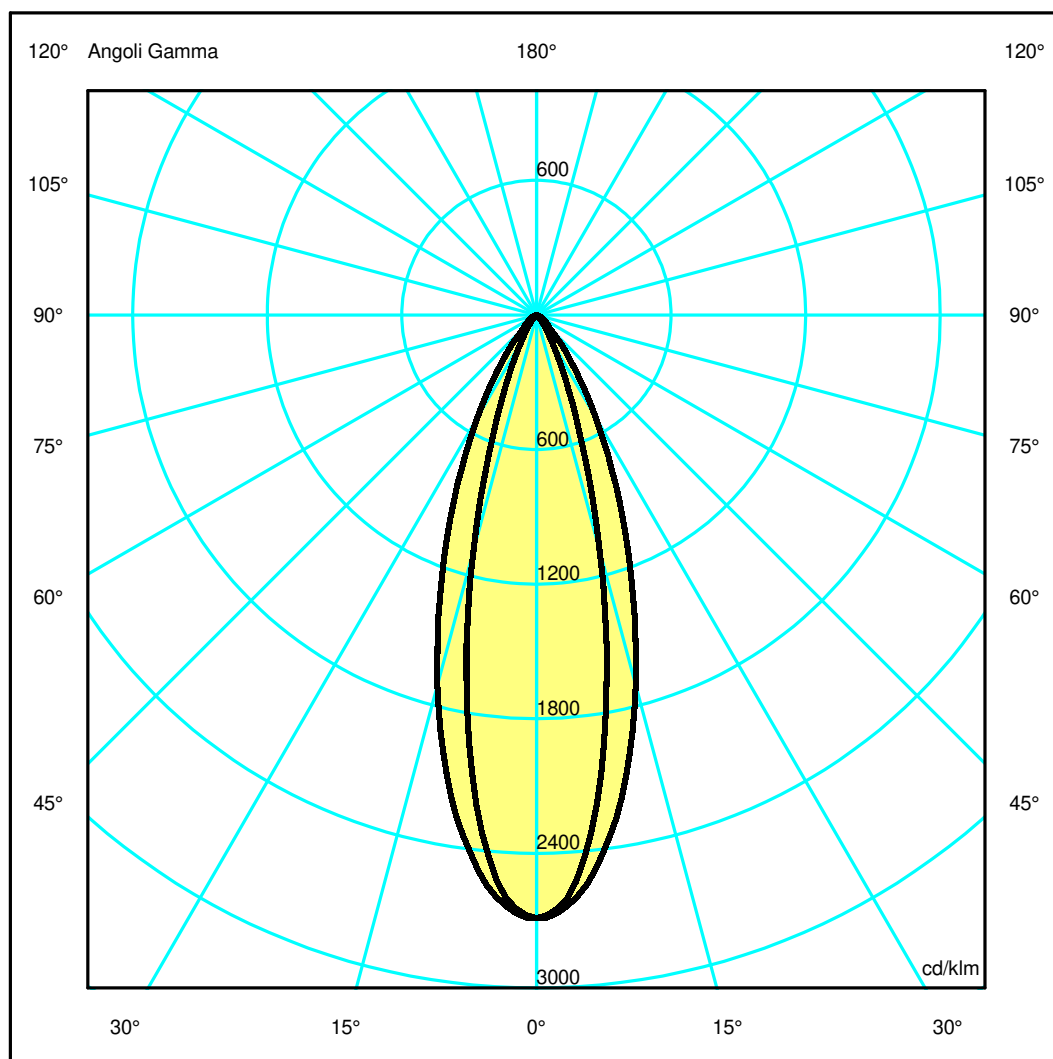
Measurement

Code FTS2400414.
 Name kata metron pst pen 1x40 Dali 930 WF nr + Lens for Elliptical emission

Luminaire Flux	331 lm	Luminaire Power	11.0 W	Efficacy	30.091 lm/W	Efficiency	100.00%
Source Flux	331 lm	Maximum value	2688.01 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 Emitting area on Plane 0° Emitting area on Plane 90°	0.000855 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 0.000207 m2				
Coordinate system	CG	Symmetry Type	Double Symmetrical				
Date	21-06-2024	Maximum Gamma Angle	180				
Measurement Distance	0.00	Measurement Flux	331 lm				
LED Flux=867lm LED Power=8W Eff=38% EfcLed=110lm/W EfcLum=30lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(9k)=50000h							
C.I.E.	95 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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Measurement

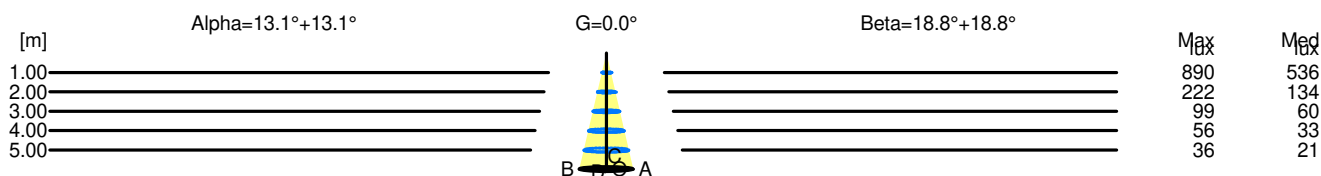
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C.I.E. F UTE	95 99 100 100 100 1.00 A	D DIN 5040 B NBN	A60 BZ 1				

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	0.23	0.47	0.70	0.93	1.17	OC	0.34	0.68	1.02	1.36	1.70
OB	0.23	0.47	0.70	0.93	1.17	OD	0.34	0.68	1.02	1.36	1.70

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	889.73	804.45	359.92	94.07	22.12	5.91	1.89	1.11	0.69	0.23
OB	889.73	804.45	359.92	94.07	22.12	5.91	1.89	1.11	0.69	0.23
OC	889.73	844.43	565.13	276.76	102.87	27.61	12.74	6.90	1.45	0.25
OD	889.73	844.43	565.13	276.76	102.87	27.61	12.74	6.90	1.45	0.25



H[m]	D[m]	Max lux	Med lux	Alpha=13.1°+13.1°	G=0.0
1.00	0.47	890	536		
2.00	0.93	222	134		
3.00	1.40	99	60		
4.00	1.86	56	33		
5.00	2.33	36	21		

H[m]	D[m]	Max lux	Med lux	Beta=18.8°+18.8°	G=0.0
1.00	0.68	890	536		
2.00	1.36	222	134		
3.00	2.04	99	60		
4.00	2.72	56	33		
5.00	3.40	36	21		