

Luminaire

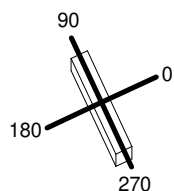
Code KA01108
Name Kata metron 592 diff dir 930 Dali rso

Measurement

Code FTS2400159.
Name Kata metron 592 diff dir 930 Dali rso

Luminaire Flux	1542 lm	Luminaire Power	12.0 W	Efficacy	128.500 lm/W	Efficiency	100.00%
Source Flux	1542 lm	Maximum value	467.10 cd/klm	Position	C=5.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	592 mm	Width	100 mm	Height	50 mm
Rectangular Luminous Area		Length	592 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.023680 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°		0.005729 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		15-04-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1542 lm	
LED Flux=1894lm LED Power=10W Eff=81% EfcLed=188lm/W EfcLum=129lm/W CCT=3000K Ra=90 SDCM=3 L70(17k)=102000h							
C.I.E.	55 84 97 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	BZ 3 / 1 / BZ 4		

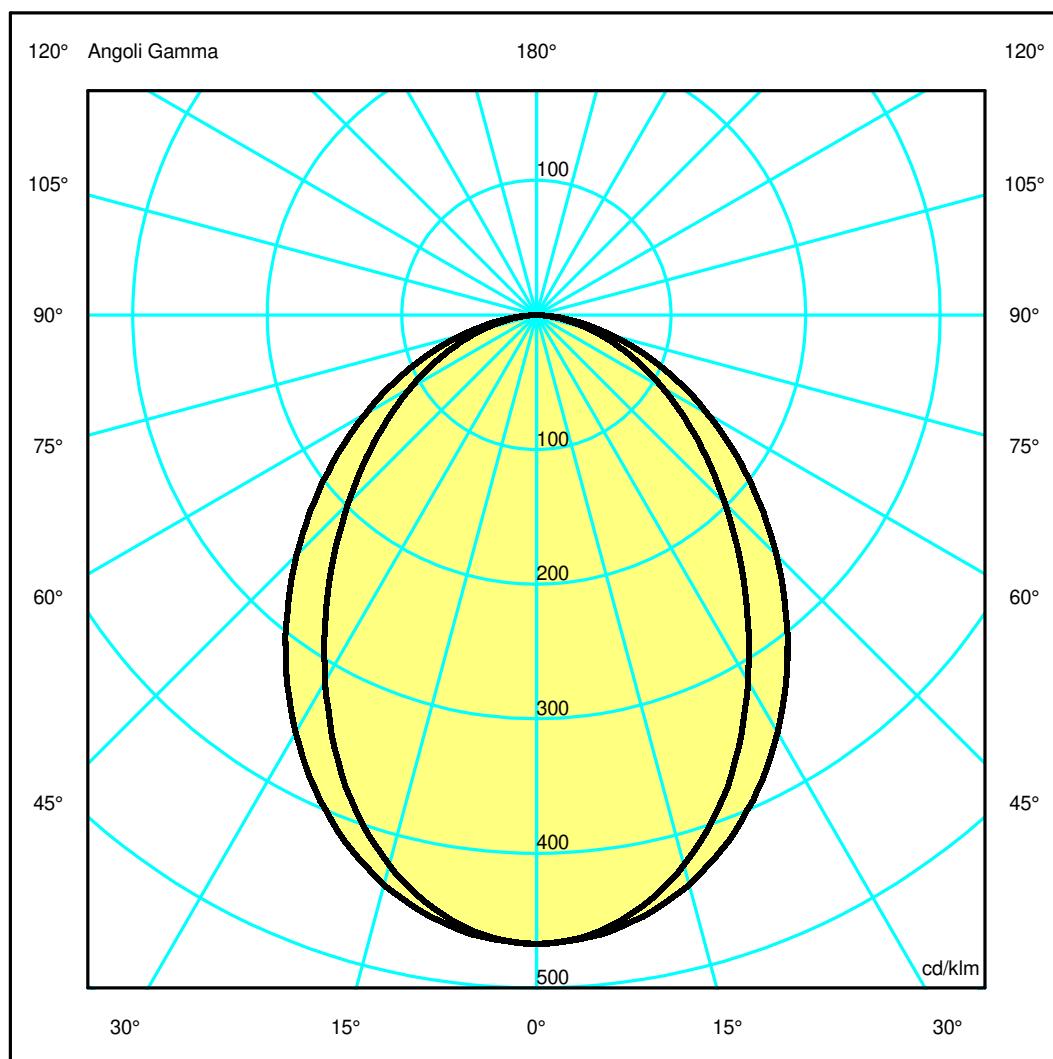
592mm x 100mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.01 %
DLOR 99.99 %
RN 0.01 %



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Measurment.

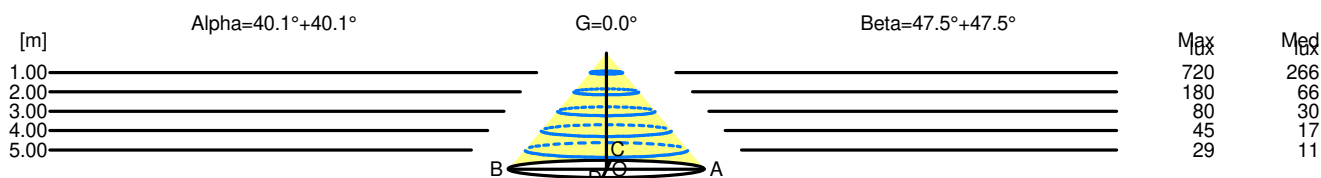
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F UTE	1.00 D			B NBN	BZ 3 / 1 / BZ 4		

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	0.84	1.69	2.53	3.37	4.22	OC	1.09	2.18	3.28	4.37	5.46
OB	0.84	1.69	2.53	3.37	4.22	OD	1.09	2.18	3.28	4.37	5.46

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	720.25	712.18	652.06	547.70	421.48	305.53	208.01	128.69	63.26	14.45
OB	720.25	712.18	652.06	547.70	421.48	305.53	208.01	128.69	63.26	14.45
OC	720.25	714.79	675.97	599.52	500.23	388.78	278.92	177.45	89.30	20.36
OD	720.25	714.79	675.97	599.52	500.23	388.78	278.92	177.45	89.30	20.36



H[m]	D[m]	Max lux	Med lux	Alpha=40.1°+40.1°	G=0.0
1.00	1.69	720	266		
2.00	3.37	180	66		
3.00	5.06	80	30		
4.00	6.75	45	17		
5.00	8.43	29	11		

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0
1.00	2.18	720	266		
2.00	4.37	180	66		
3.00	6.55	80	30		
4.00	8.74	45	17		
5.00	10.92	29	11		