

Luminaire

Code KA03104
Name Kata metron 592 diff dir 940 Dali nro

Measurement

Code FTS2400171.
Name Kata metron 592 diff dir 940 Dali nro

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		

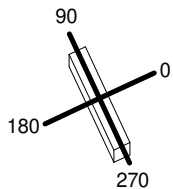
LED Flux=1894lm LED Power=10W Eff=81% EfcLed=188lm/W EfcLum=129lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h

C.I.E. 55 84 97 100 100
F UTE 1.00 D

D DIN 5040
B NBN

A40
BZ 3 / 1 / BZ 4

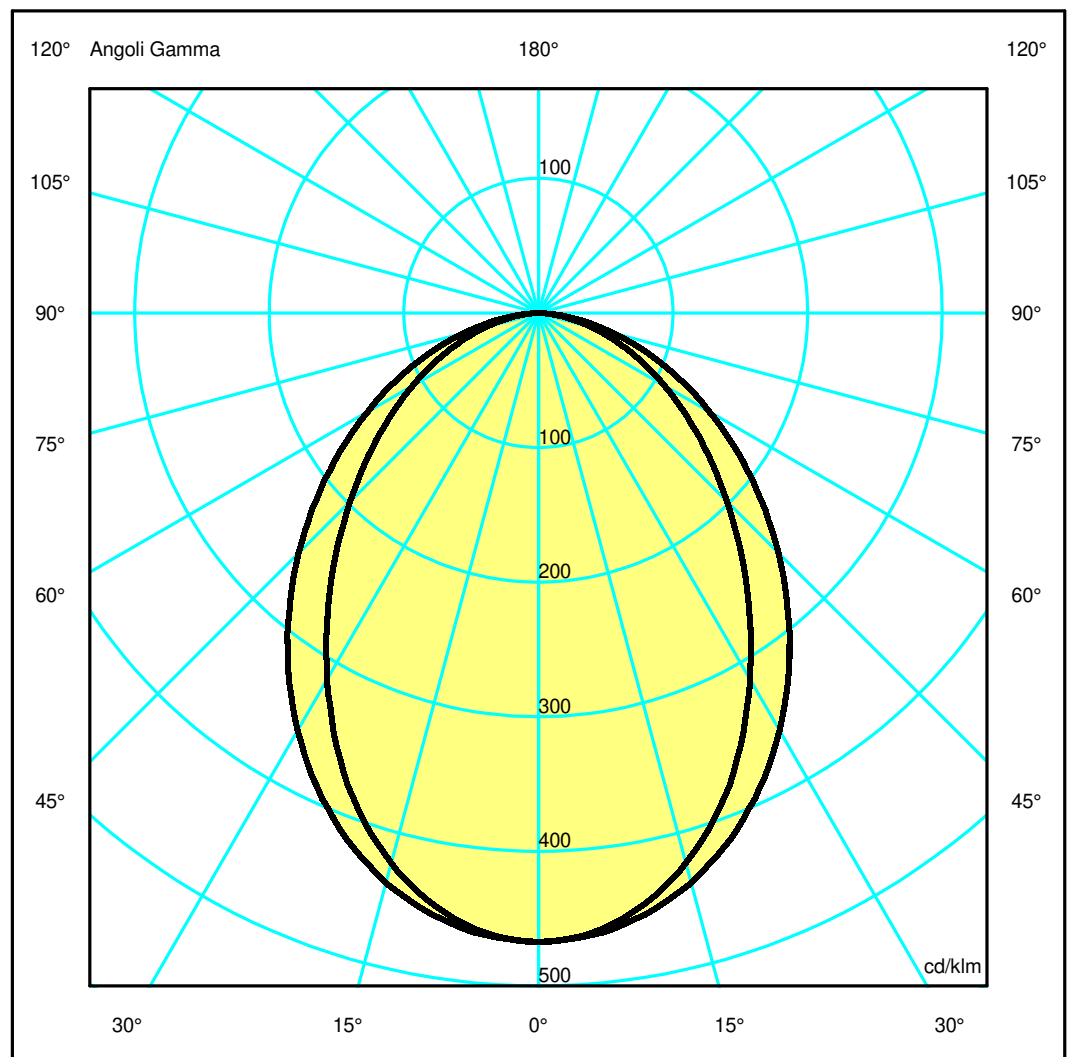
592mm x 100mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.01 %
DLOR 99.99 %
RN 0.01 %



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Measurment

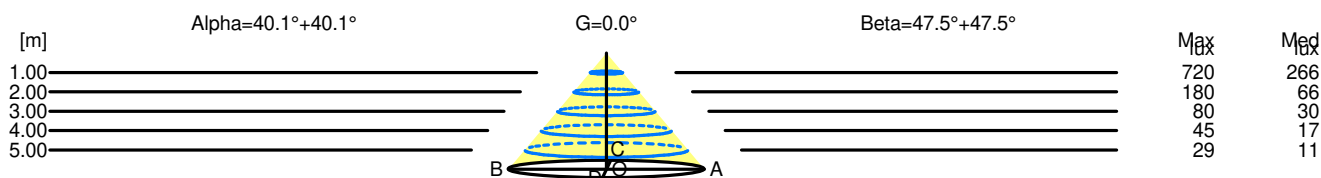
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C.I.E.	55 84 97 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	BZ 3 / 1 / BZ 4		

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		