

Luminaire

Code KA23101
Name Kata metron 2368 dif dir 940 Dali bco

Measurement

Code FTS2400170.
Name Kata metron 2368 dif dir 940 Dali bco

Luminaire Flux	6637 lm	Luminaire Power	44.0 W	Efficacy	150.841 lm/W	Efficiency	100.00%
Source Flux	6637 lm	Maximum value	454.66 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2368 mm	Width	100 mm	Height	50 mm
Rectangular Luminous Area		Length	2368 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.094720 m ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.022915 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		15-04-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		6637 lm	

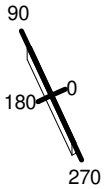
LED Flux=7576lm LED Power=40W Eff=88% EfcLed=188lm/W EfcLum=151lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h

C.I.E. 54 83 97 100 100
F UTE 1.00 D

D DIN 5040
B NBN

A40
BZ 4

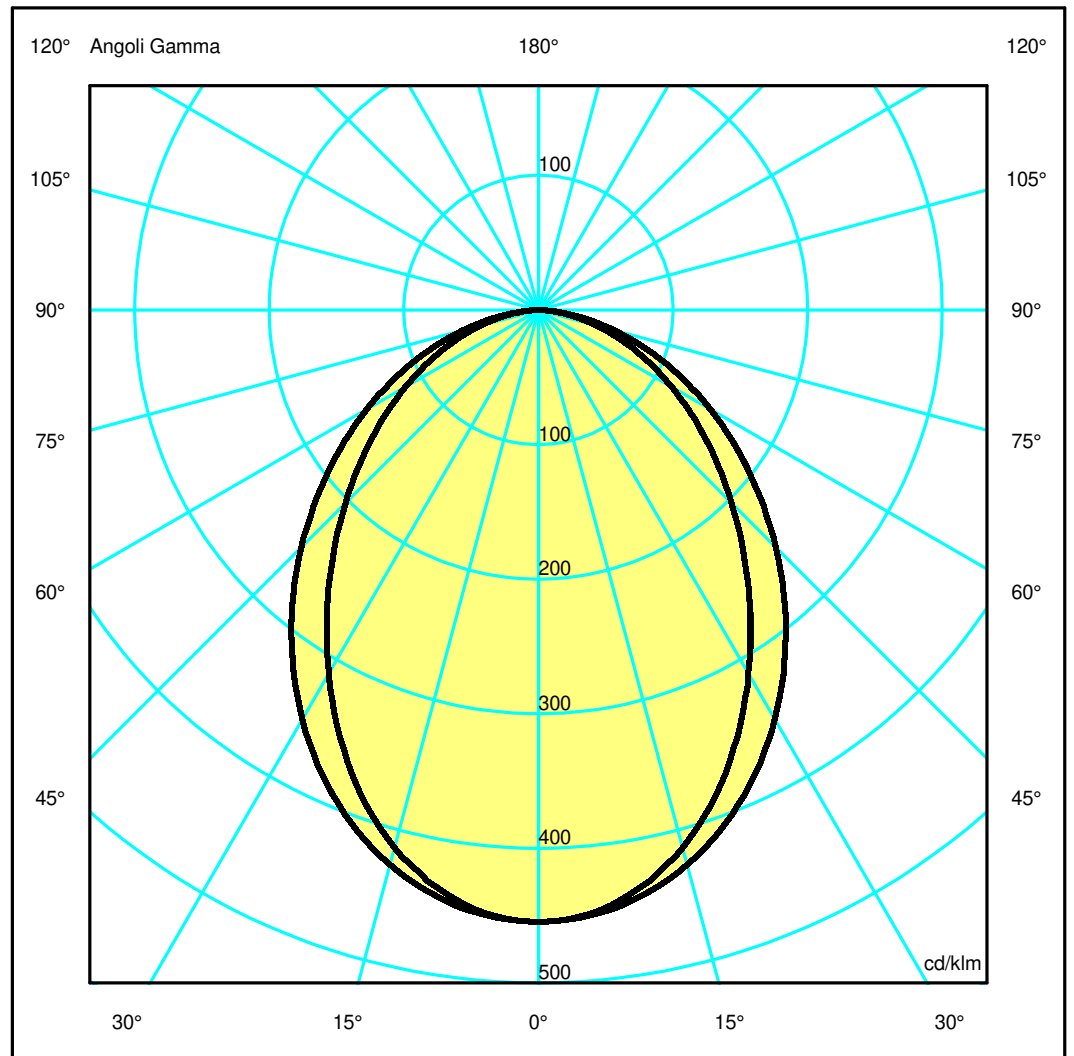
2368mm x 100mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.01 %
DLOR 99.99 %
RN 0.01 %



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Measurment.

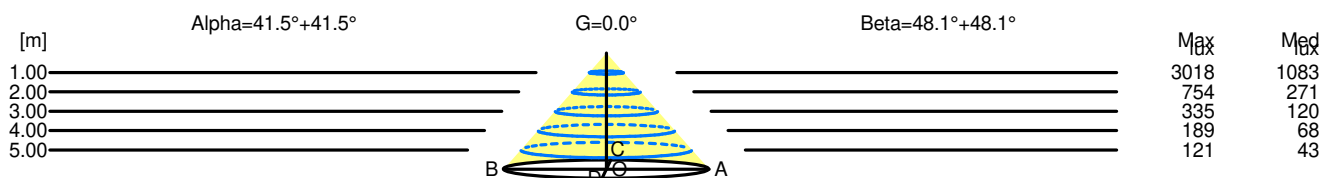
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Horizontal Luminous Area	0.094720 m2			Emitting area on Plane 180°			0.000000 m2
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°			0.000000 m2
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°			0.022915 m2
Coordinate system	CG			Symmetry Type			Double Symmetrical
Date	15-04-2024			Maximum Gamma Angle			180
Measurement Distance	0.00			Measurement Flux			6637 lm
LED Flux=7576lm LED Power=40W Eff=88% EfcLed=188lm/W EfcLum=151lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h							
C.I.E.	54 83 97 100 100			D DIN 5040	A40		
F UTE	1.00 D			B NBN	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	0.88	1.77	2.65	3.54	4.42	OC	1.11	2.23	3.34	4.45	5.56
OB	0.88	1.77	2.65	3.54	4.42	OD	1.11	2.23	3.34	4.45	5.56

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3017.58	2986.78	2745.40	2321.28	1821.31	1347.00	941.76	591.13	295.31	71.17
OB	3017.58	2986.78	2745.40	2321.28	1821.31	1347.00	941.76	591.13	295.31	71.17
OC	3017.58	2994.85	2831.33	2525.22	2114.43	1653.37	1195.52	767.63	389.69	89.80
OD	3017.58	2994.85	2831.33	2525.22	2114.43	1653.37	1195.52	767.63	389.69	89.80



H[m]	D[m]	Max lux	Med lux	Alpha=41.5°+41.5°	G=0.0
1.00	1.77	3018	1083		
2.00	3.54	754	271		
3.00	5.30	335	120		
4.00	7.07	189	68		
5.00	8.84	121	43		

H[m]	D[m]	Max lux	Med lux	Beta=48.1°+48.1°	G=0.0
1.00	2.23	3018	1083		
2.00	4.45	754	271		
3.00	6.68	335	120		
4.00	8.90	189	68		
5.00	11.13	121	43		