

Luminaire

Code KB23109
Name Kata metron 2368 dif dir in 940 Dalivde

Measurement

Code FTS2400179.
Name Kata metron 2368 dif dir in 940 Dalivde

Luminaire Flux	10832 lm	Luminaire Power	77.0 W	Efficacy	140.675 lm/W	Efficiency	100.00%
Source Flux	10832 lm	Maximum value	266.07 cd/klm	Position	C=5.00 G=1.00	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	10832 lm		

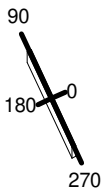
LED Flux=13153lm LED Power=71W Eff=82% EfcLed=186lm/W EfcLum=141lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h

C.I.E. 55 84 97 57 100
F UTE 0.57 D + 0.43 T

D DIN 5040
B NBN

C41
BZ 3 / 1 / BZ 4

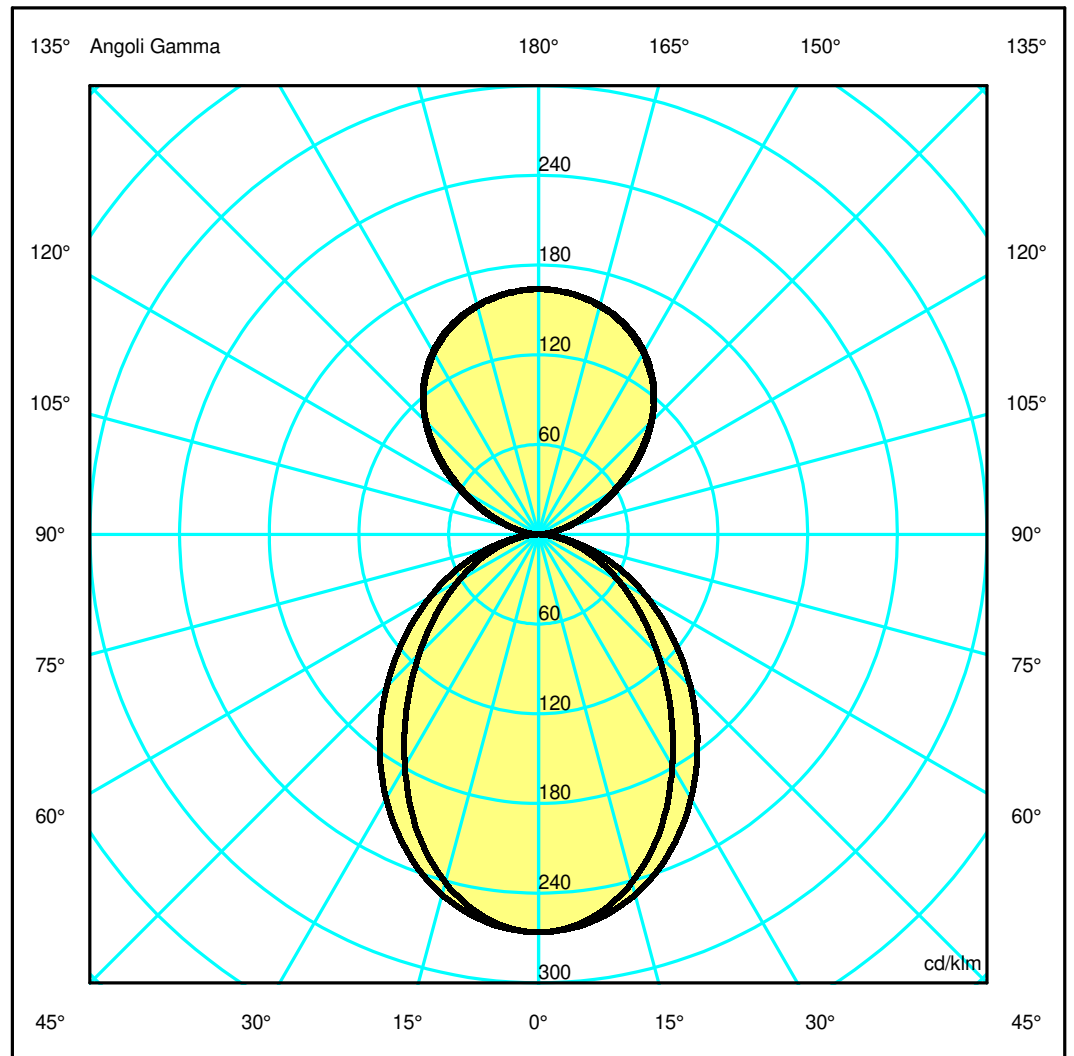
2368mm x 100mm



Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 43.04 %
DLOR 56.96 %
RN 43.04 %



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Measurment.

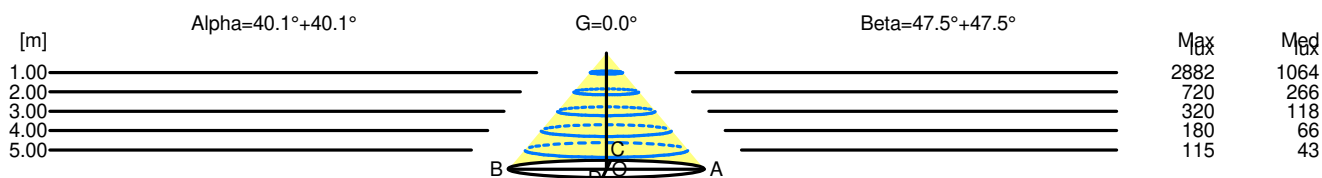
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Name Kata metron 2368 dif dir in 940 Dalivde

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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 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		10832 lm	
LED Flux=13153lm LED Power=71W Eff=82% EfcLed=186lm/W EfcLum=141lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h							
C.I.E.	55 84 97 57 100			D DIN 5040	C41		
F UTE	0.57 D + 0.43 T			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	2881.94	2849.65	2609.09	2191.53	1686.47	1222.51	832.33	514.92	253.13	57.82
OB	2881.94	2849.65	2609.09	2191.53	1686.47	1222.51	832.33	514.92	253.13	57.82
OC	2881.94	2860.09	2704.77	2398.87	2001.56	1555.64	1116.04	710.02	357.31	81.46
OD	2881.94	2860.09	2704.77	2398.87	2001.56	1555.64	1116.04	710.02	357.31	81.46



H[m]	D[m]	Max lux	Med lux	Alpha=40.1°+40.1°	G=0.0
1.00	1.69	2882	1064		
2.00	3.37	720	266		
3.00	5.06	320	118		
4.00	6.75	180	66		
5.00	8.43	115	43		

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0
1.00	2.18	2882	1064		
2.00	4.37	720	266		
3.00	6.55	320	118		
4.00	8.74	180	66		
5.00	10.92	115	43		