

Luminaire

Code KB03102
Name Kata metron 592 dif dir in 940 Dali blu

Measurement

Code FTS2400177.
Name Kata metron 592 dif dir in 940 Dali blu

Luminaire Flux	2319 lm	Luminaire Power	18.0 W	Efficacy	128.833 lm/W	Efficiency	100.00%
Source Flux	2319 lm	Maximum value	310.60 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 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°		0.005729 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		15-04-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2319 lm	

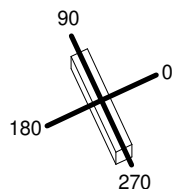
LED Flux=2823lm LED Power=15W Eff=82% EfcLed=187lm/W EfcLum=129lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h

C.I.E. 55 84 97 66 100
F UTE 0.66 D + 0.34 T

D DIN 5040
B NBN

B41
BZ 3 / 1 / BZ 4

592mm x 100mm



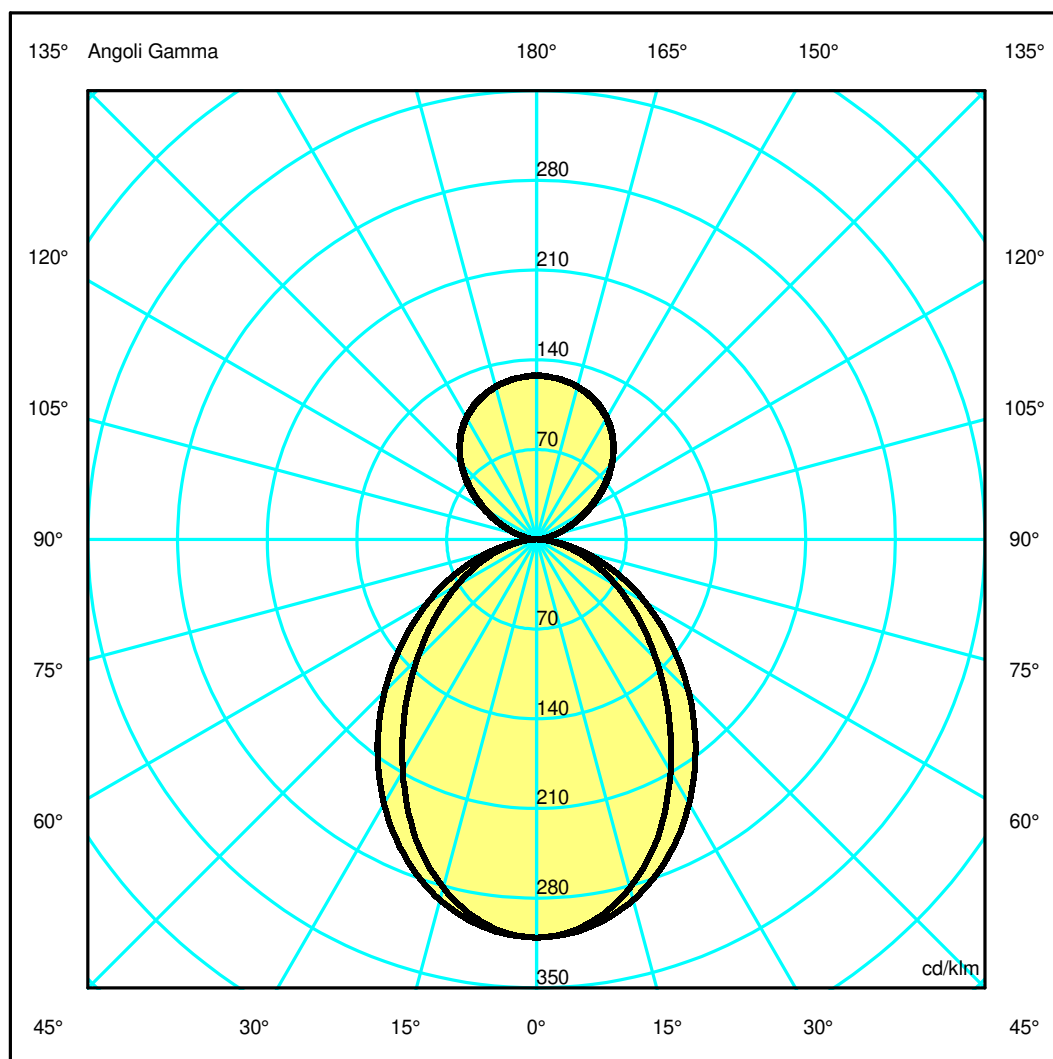
Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 33.51 %

DLOR 66.49 %

RN 33.51 %



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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	
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Measurement Distance		0.00		Measurement Flux		2319 lm	

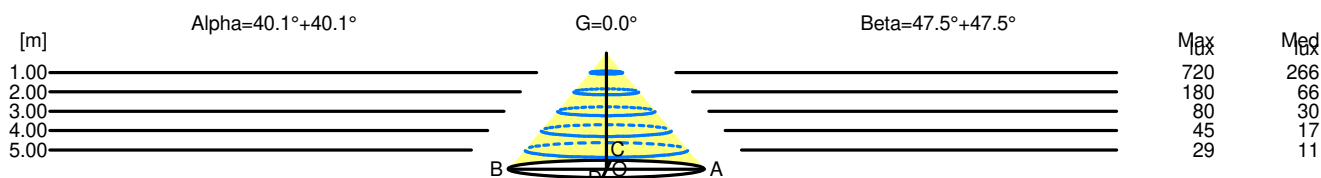
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C.I.E.	55 84 97 66 100	D DIN 5040	B41
F UTE	0.66 D + 0.34 T	B NBN	BZ 3 / 1 / BZ 4

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	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		