

## Luminaire

Code KB01102  
Name Kata metron 592 dif dir in 930 Dali blu

## Measurement

Code FTS2400165.  
Name Kata metron 592 dif dir in 930 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 <sup>2</sup>		Emitting area on Plane 180°		0.000000 m <sup>2</sup>	
Emitting area on Plane 0°		0.000000 m <sup>2</sup>		Emitting area on Plane 270°		0.000000 m <sup>2</sup>	
Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.005729 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		15-04-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2319 lm	

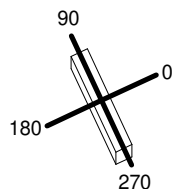
LED Flux=2823lm LED Power=15W Eff=82% EfcLed=187lm/W EfcLum=129lm/W CCT=3000K Ra=90 SDCM=3 L70(17k)=102000h

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

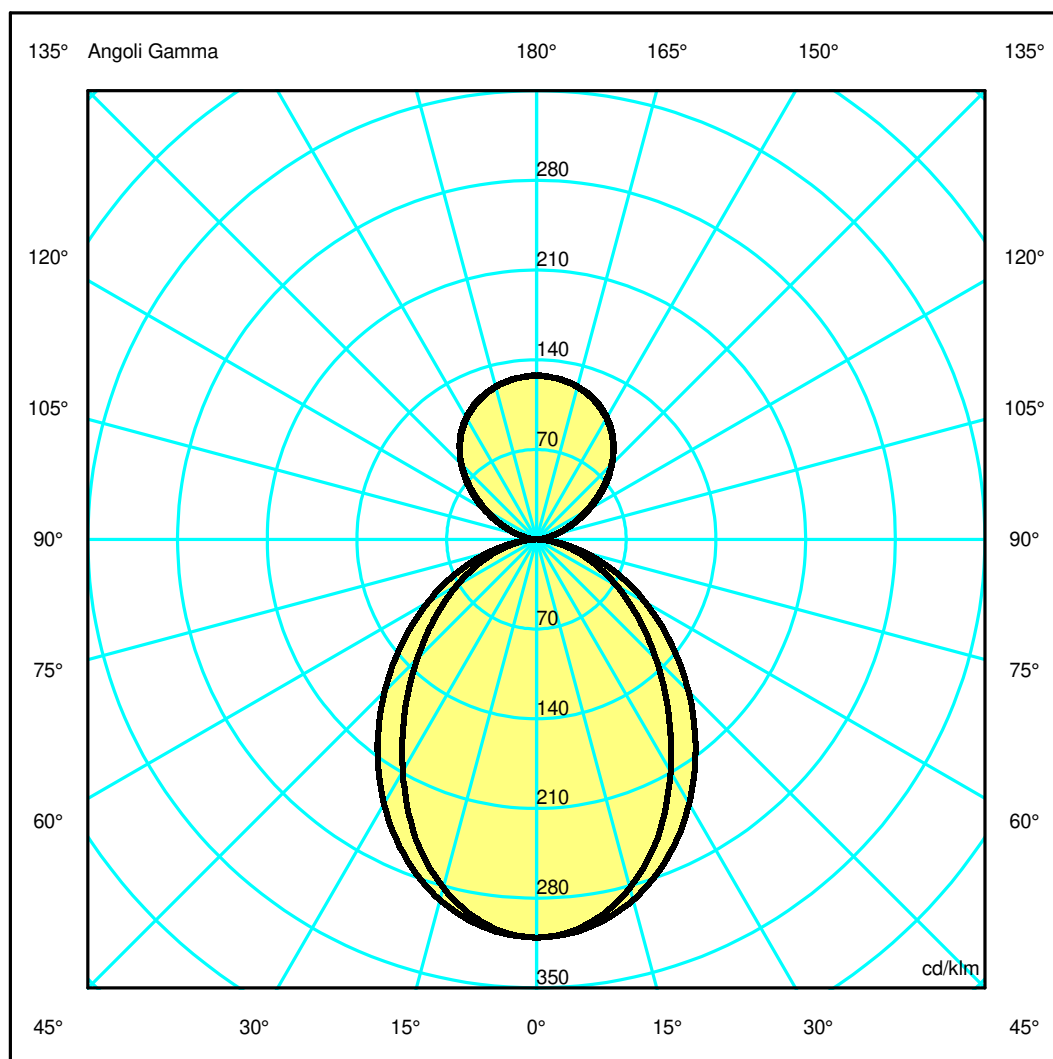
592mm x 100mm



Semipiani C

180.0 ——— 0.0  
270.0 ——— 90.0

ULOR 33.51 %  
DLOR 66.49 %  
RN 33.51 %



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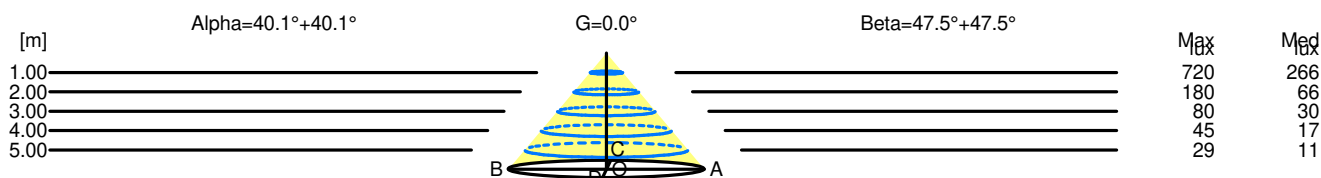
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Rectangular Luminous Area		Length	592 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.023680 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 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		2319 lm	
LED Flux=2823lm LED Power=15W Eff=82% EfcLed=187lm/W EfcLum=129lm/W CCT=3000K Ra=90 SDCM=3 L70(17k)=102000h							
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		