

Luminaire

Code KB03101
Name Kata metron 592 dif dir in 940 Dali bco

Measurement

Code FTS2400174.
Name Kata metron 592 dif dir in 940 Dali bco

Luminaire Flux	2436 lm	Luminaire Power	18.0 W	Efficacy	135.333 lm/W	Efficiency	100.00%
Source Flux	2436 lm	Maximum value	309.64 cd/klm	Position	C=0.00 G=0.00	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		2436 lm	

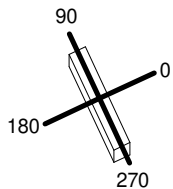
LED Flux=2823lm LED Power=15W Eff=86% EfcLed=187lm/W EfcLum=135lm/W CCT=4000K Ra=90 SDCM=3 L70(17k)=102000h

C.I.E. 54 83 97 68 100
F UTE 0.68 D + 0.32 T

D DIN 5040
B NBN

B41
BZ 4

592mm x 100mm



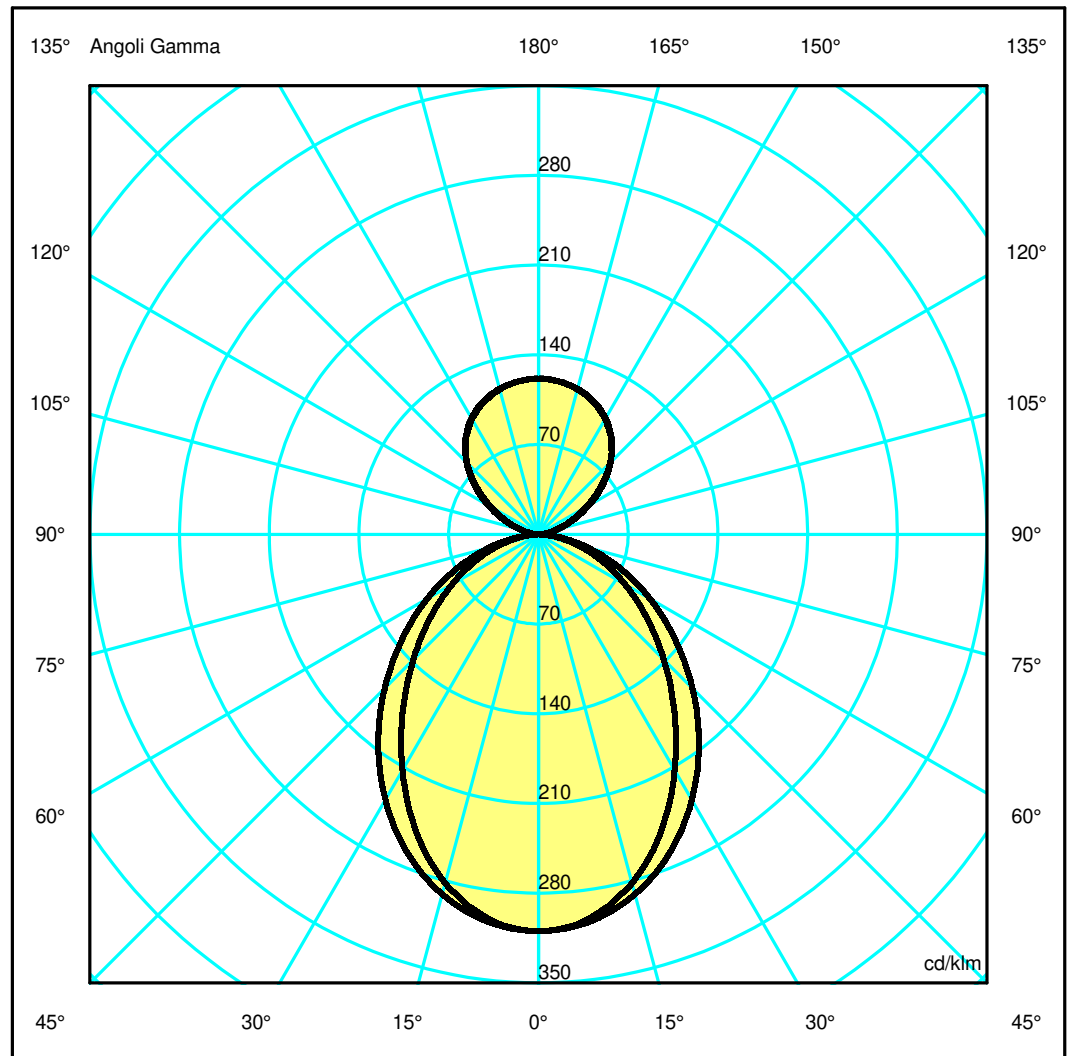
Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 31.90 %

DLOR 68.10 %

RN 31.90 %



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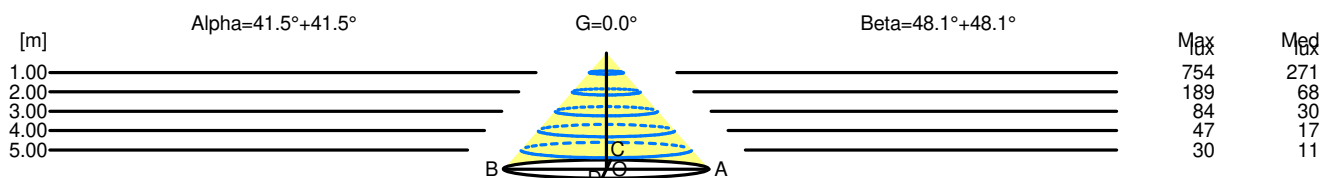
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C.I.E.	54 83 97 68 100			D DIN 5040	B41		
F UTE	0.68 D + 0.32 T			B NBN	BZ 4		

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	754.28	746.58	686.25	580.23	455.26	336.70	235.40	147.76	73.82	17.79
OB	754.28	746.58	686.25	580.23	455.26	336.70	235.40	147.76	73.82	17.79
OC	754.28	748.60	707.73	631.21	528.53	413.28	298.84	191.88	97.41	22.45
OD	754.28	748.60	707.73	631.21	528.53	413.28	298.84	191.88	97.41	22.45



H[m]	D[m]	Max lux	Med lux	Alpha=41.5°+41.5°	G=0.0
1.00	1.77	754	271		
2.00	3.54	189	68		
3.00	5.30	84	30		
4.00	7.07	47	17		
5.00	8.84	30	11		

H[m]	D[m]	Max lux	Med lux	Beta=48.1°+48.1°	G=0.0
1.00	2.23	754	271		
2.00	4.45	189	68		
3.00	6.68	84	30		
4.00	8.90	47	17		
5.00	11.13	30	11		