

Luminaire

Code AT24405
Name A.39 DIR/IND CTRL EMIS 2960MM 830 DM SIL

Measurement

Code FTS1801922-A
Name A.39 DIR/IND CTRL EMIS 2960MM 830 DM SIL

Luminaire Flux	12984 lm	Luminaire Power	149.0 W	Efficacy	87.141 lm/W	Efficiency	100.00%
Source Flux	12984 lm	Maximum value	238.54 cd/klm	Position	C=0.00 G=179.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2960 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	2960 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.118400 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°		0.028644 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		06-12-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		12984 lm	

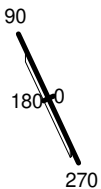
LED Flux=22158lm LED Power=122W Eff=59% EfcLed=181lm/W EfcLum=87lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

C.I.E. 72 97 99 39 100
F UTE 0.39 B + 0.61 T

D DIN 5040
B NBN

D62
BZ 2

2960mm x 45mm



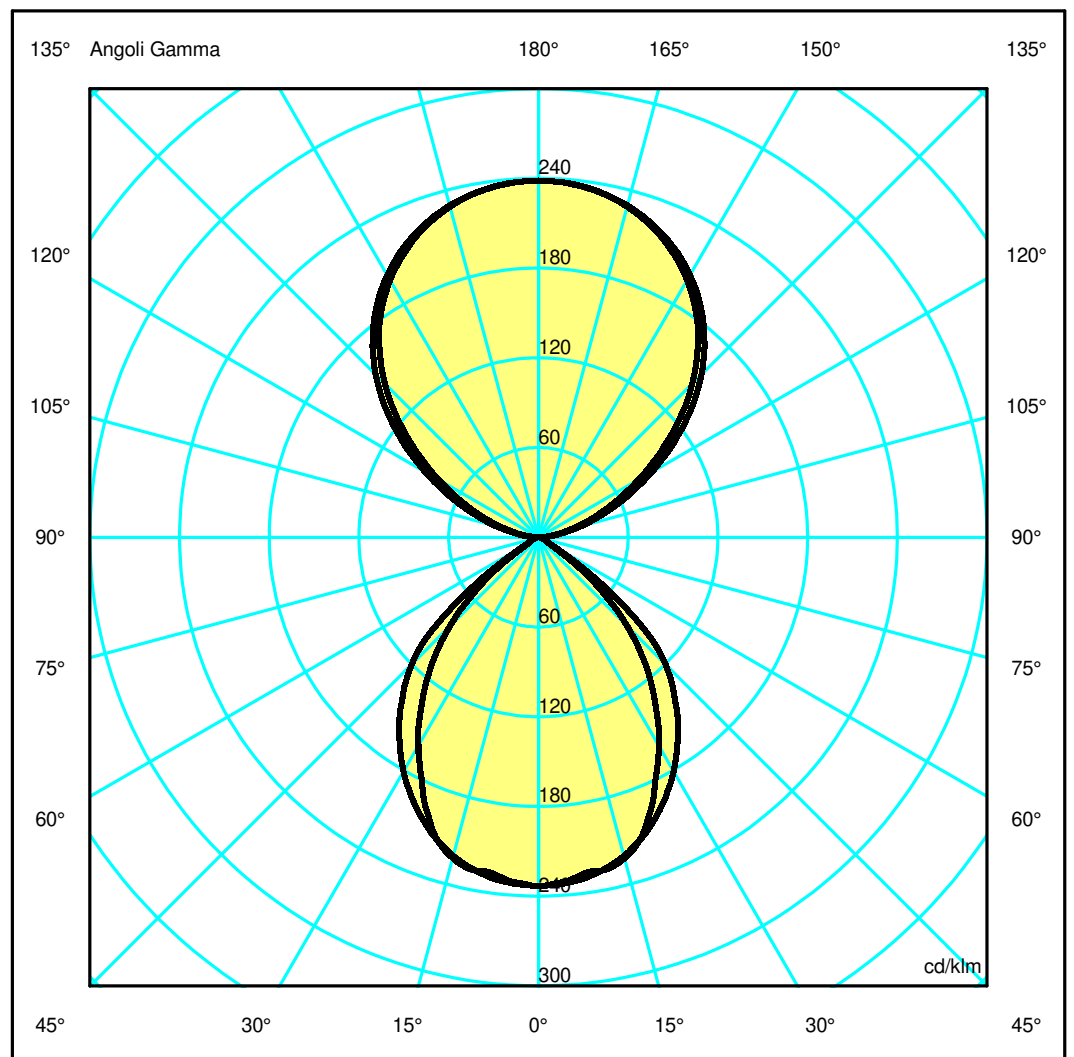
Semipiani C

180.0 ——— 0.0
270.0 ——— 90.0

ULOR 60.95 %

DLOR 39.05 %

RN 60.95 %



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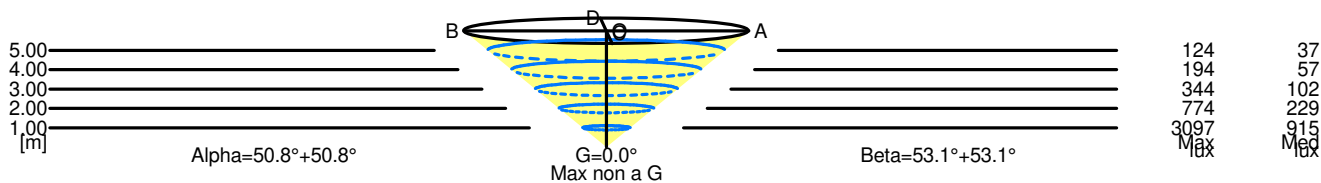
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Horizontal Luminous Area		0.118400 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.028644 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		06-12-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		12984 lm	
LED Flux=22158lm LED Power=122W Eff=59% EfcLed=181lm/W EfcLum=87lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	72 97 99 39 100			D DIN 5040		D62	
F UTE	0.39 B + 0.61 T			B NBN		BZ 2	

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	1.23	2.45	3.68	4.90	6.13	OC	1.33	2.66	3.99	5.32	6.65
OB	1.23	2.45	3.68	4.90	6.13	OD	1.33	2.66	3.99	5.32	6.65

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3097.16	3082.33	2973.02	2739.03	2382.28	1885.87	1295.38	738.22	320.71	49.00
OB	3097.16	3082.33	2973.02	2739.03	2382.28	1885.87	1295.38	738.22	320.71	49.00
OC	3097.16	3084.25	2982.52	2776.26	2451.52	1999.55	1434.16	855.51	389.12	75.48
OD	3097.16	3084.25	2982.52	2776.26	2451.52	1999.55	1434.16	855.51	389.12	75.48



5.00	12.26	124	37	
4.00	9.81	194	57	
3.00	7.35	344	102	
2.00	4.90	774	229	
1.00	2.45	3097	915	
H[m]	D[m]	Max lux	Med lux	Alpha=50.8°+50.8° Max non a G G=0.0°

5.00	13.31	124	37	
4.00	10.65	194	57	
3.00	7.98	344	102	
2.00	5.32	774	229	
1.00	2.66	3097	915	
H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1° Max non a G G=0.0°