

Luminaire

Code AT18101+AT09507
 Name A.39 SOSP/PLAF L=2960MM 830 ND BCO

Measurement

Code FTS1801047-B
 Name A.39 SOSP/PLAF L=2960MM 830 ND BCO

Luminaire Flux	5936 lm	Luminaire Power	49.0 W	Efficacy	121.143 lm/W	Efficiency	100.00%
Source Flux	5936 lm	Maximum value	384.72 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2960 mm	Width	45 mm	Height	85 mm
Rectangular Luminous Area		Length	2952 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area		0.118080 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°		0.028566 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		30-01-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5936 lm	

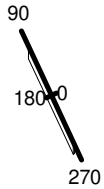
LED Flux=8475lm LED Power=44W Eff=70% EfcLed=193lm/W EfcLum=121lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

C.I.E. 49 80 96 100 100
 F UTE 1.00 E

D DIN 5040
 B NBN

A30
 BZ 4

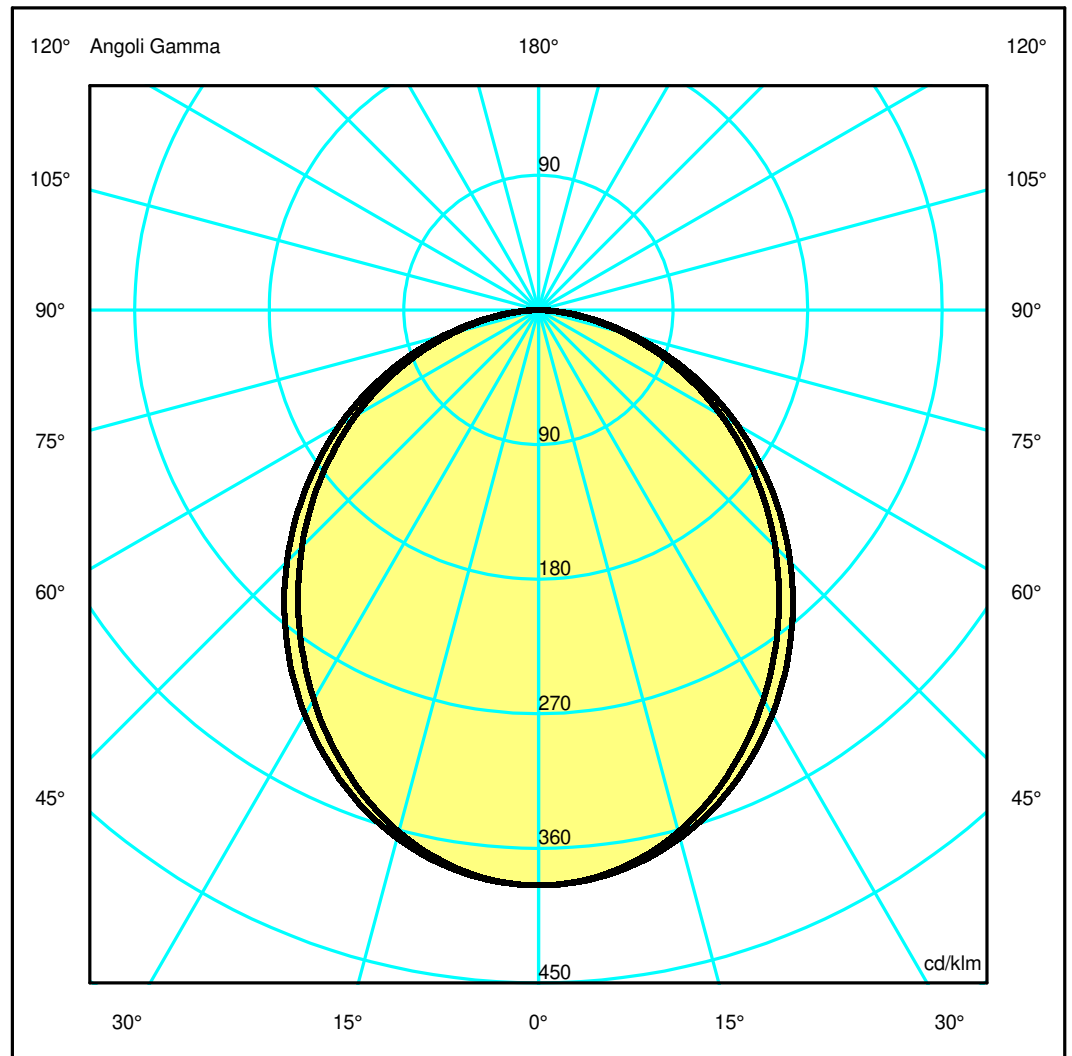
2960mm x 45mm



Semipiani C

180.0 ——— 0.0
 270.0 ——— 90.0

ULOR 0.01 %
 DLOR 99.99 %
 RN 0.01 %



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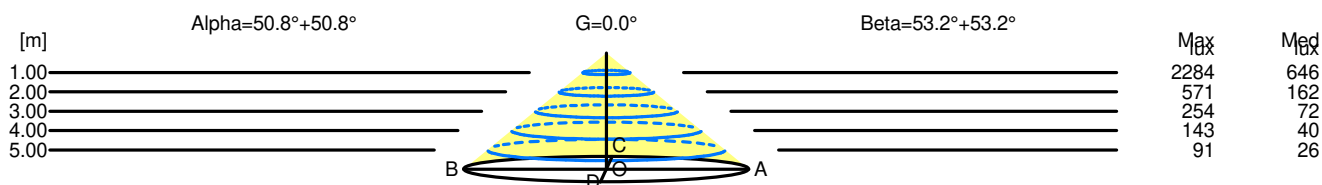
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Rectangular Luminous Area		Length	2952 mm	Width	40 mm	Height	0 mm
Horizontal Luminous Area	0.118080 m2			Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°		0.028566 m2	
Coordinate system	CG			Symmetry Type		Double Symmetrical	
Date	30-01-2024			Maximum Gamma Angle		180	
Measurement Distance	0.00			Measurement Flux		5936 lm	
LED Flux=8475lm LED Power=44W Eff=70% EfcLed=193lm/W EfcLum=121lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	49 80 96 100 100			D DIN 5040	A30		
F UTE	1.00 E			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	1.23	2.45	3.68	4.91	6.13	OC	1.34	2.67	4.01	5.35	6.69
OB	1.23	2.45	3.68	4.91	6.13	OD	1.34	2.67	4.01	5.35	6.69

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2283.67	2267.43	2144.27	1921.57	1639.79	1328.67	1002.83	674.67	348.58	83.10
OB	2283.67	2267.43	2144.27	1921.57	1639.79	1328.67	1002.83	674.67	348.58	83.10
OC	2283.67	2271.14	2169.77	1976.53	1719.37	1412.56	1078.49	735.83	389.11	101.65
OD	2283.67	2271.14	2169.77	1976.53	1719.37	1412.56	1078.49	735.83	389.11	101.65



H[m]	D[m]	Max lux	Med lux	Alpha=50.8°+50.8°	G=0.0
1.00	2.45	2284	646		
2.00	4.91	571	162		
3.00	7.36	254	72		
4.00	9.81	143	40		
5.00	12.27	91	26		

H[m]	D[m]	Max lux	Med lux	Beta=53.2°+53.2°	G=0.0
1.00	2.67	2284	646		
2.00	5.35	571	162		
3.00	8.02	254	72		
4.00	10.70	143	40		
5.00	13.37	91	26		