

Luminaire

Code TAM TAM + 5 SATEL
Name TAM TAM 13x8W FBT+5 satel op.

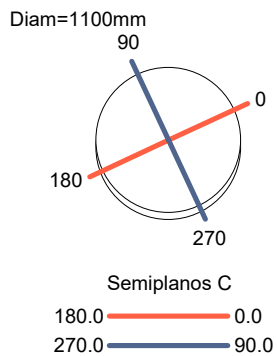
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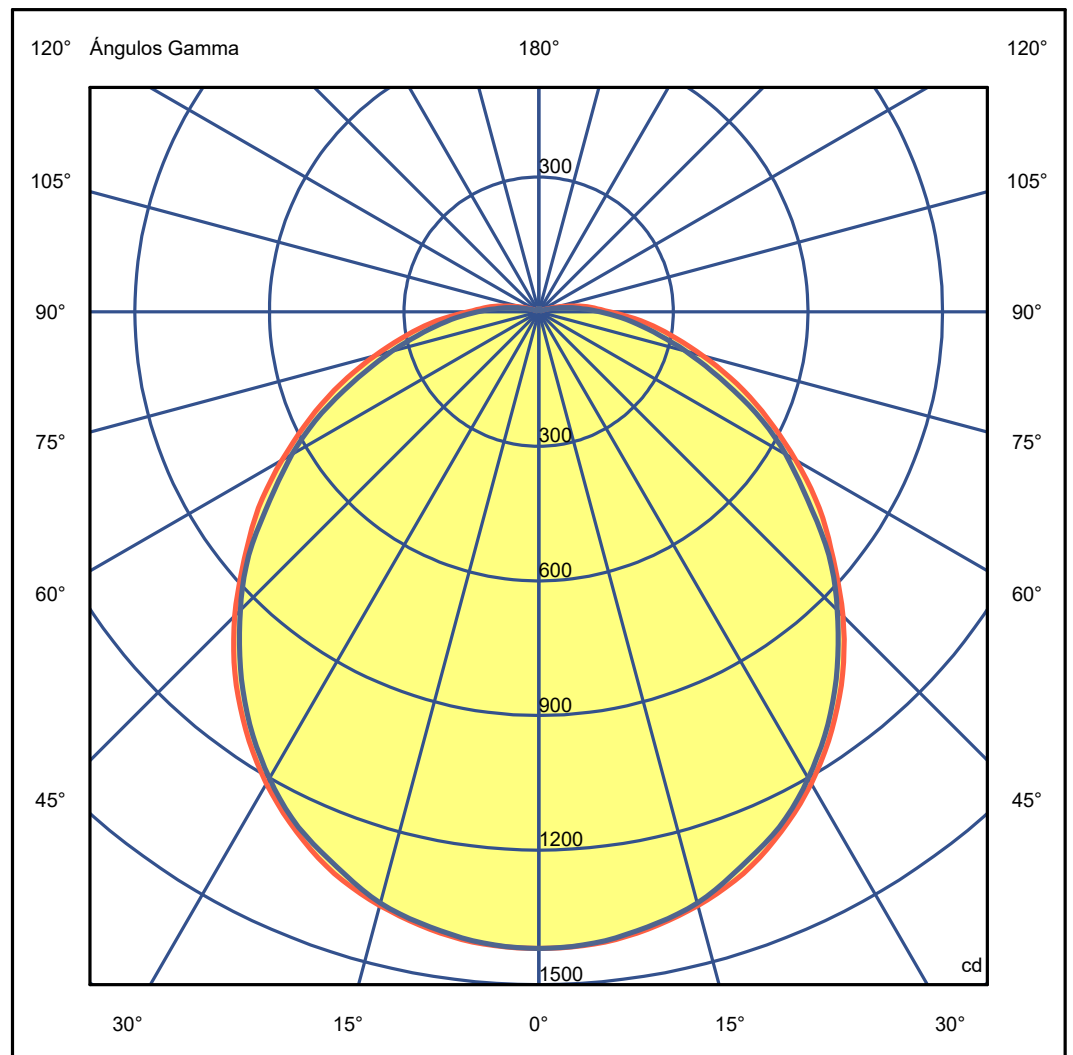
Luminaire Flux	4505.26 lm	Luminaire Power	104.00 W	Efficacy	43.32 lm/W	Efficiency	43.00%
Sources Flux	10478.00 lm	Maximum value	1418.88 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	1100 mm	Height	300 mm		
Round Luminous Area		Diam.	1080 mm	Height	0 mm		
Horizontal Luminous Area		0.916088 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°		0.221622 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-04-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		14300.00 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	Philips Corepro LEDbulb E27 Philips Corepro LEDbulb E27	Pera Mate 8W 80610- 827	80610- 827	8.00	13
C.I.E.	44 74 91 96 43	D DIN 5040	A31		
F UTE	0.41 E + 0.02 T	B NBN	BZ 5		



ULOR 1.66 %
DLOR 41.34 %
RN 3.87 %



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Luminous Intensity Table cd Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	1418.88	1418.88	1418.88	1418.88	1418.88	1418.88	1418.88
G 5.0	1414.73	1412.57	1412.33	1411.57	1412.31	1412.41	1412.52
G 10.0	1397.35	1393.97	1394.10	1392.65	1392.28	1393.35	1392.16
G 15.0	1369.75	1362.00	1363.89	1362.87	1363.25	1362.85	1364.38
G 20.0	1332.31	1320.24	1320.27	1321.26	1320.20	1323.77	1316.37
G 25.0	1278.16	1266.63	1265.30	1269.37	1265.85	1267.27	1267.18
G 30.0	1213.94	1203.70	1200.76	1203.32	1196.56	1203.35	1200.54
G 35.0	1138.39	1127.60	1124.74	1126.34	1121.44	1124.70	1122.83
G 40.0	1053.17	1039.49	1037.03	1036.50	1036.16	1038.26	1034.58
G 45.0	958.21	944.49	940.83	941.25	936.69	940.86	940.68
G 50.0	856.78	842.10	841.28	840.37	839.65	838.12	843.54
G 55.0	762.74	742.23	737.25	737.47	730.75	739.16	731.55
G 60.0	660.93	640.47	633.33	636.42	628.62	629.44	634.86
G 65.0	562.95	549.69	540.84	539.62	529.66	534.65	533.42
G 70.0	469.57	458.61	447.41	446.26	438.94	443.00	427.92
G 75.0	378.85	362.13	353.32	353.18	339.15	343.28	339.06
G 80.0	298.46	281.95	275.06	272.71	262.89	266.04	260.37
G 85.0	228.32	209.45	205.71	201.36	193.14	187.25	196.10
G 90.0	157.97	148.63	143.98	141.66	134.16	134.89	136.30
G 95.0	115.90	106.60	102.72	98.76	94.67	92.24	89.57
G100.0	75.25	68.65	63.46	59.72	57.18	55.67	53.63
G105.0	41.23	38.79	33.18	31.41	31.47	29.72	27.87
G110.0	19.33	16.18	14.50	13.45	11.74	10.88	14.11
G115.0	7.32	5.82	6.57	5.63	4.98	5.19	6.22
G120.0	5.38	5.11	5.28	5.09	5.09	5.11	5.15
G125.0	5.28	5.31	5.39	5.33	5.31	5.30	5.36
G130.0	5.47	5.53	5.59	5.56	5.51	5.53	5.58
G135.0	5.70	5.78	5.82	5.75	5.77	5.75	5.81
G140.0	5.96	6.01	6.03	5.98	6.00	6.01	6.03
G145.0	6.25	6.25	6.25	6.23	6.23	6.25	6.26
G150.0	6.49	6.46	6.48	6.45	6.48	6.47	6.51
G155.0	6.67	6.67	6.68	6.66	6.70	6.73	6.71
G160.0	6.86	6.84	6.87	6.87	6.91	6.91	6.88
G165.0	7.02	7.02	7.02	7.01	7.08	7.09	7.03
G170.0	7.19	7.19	7.18	7.18	7.23	7.25	7.20
G175.0	7.31	7.30	7.28	7.31	7.37	7.36	7.33
G180.0	7.35	7.33	7.34	7.38	7.44	7.40	7.45

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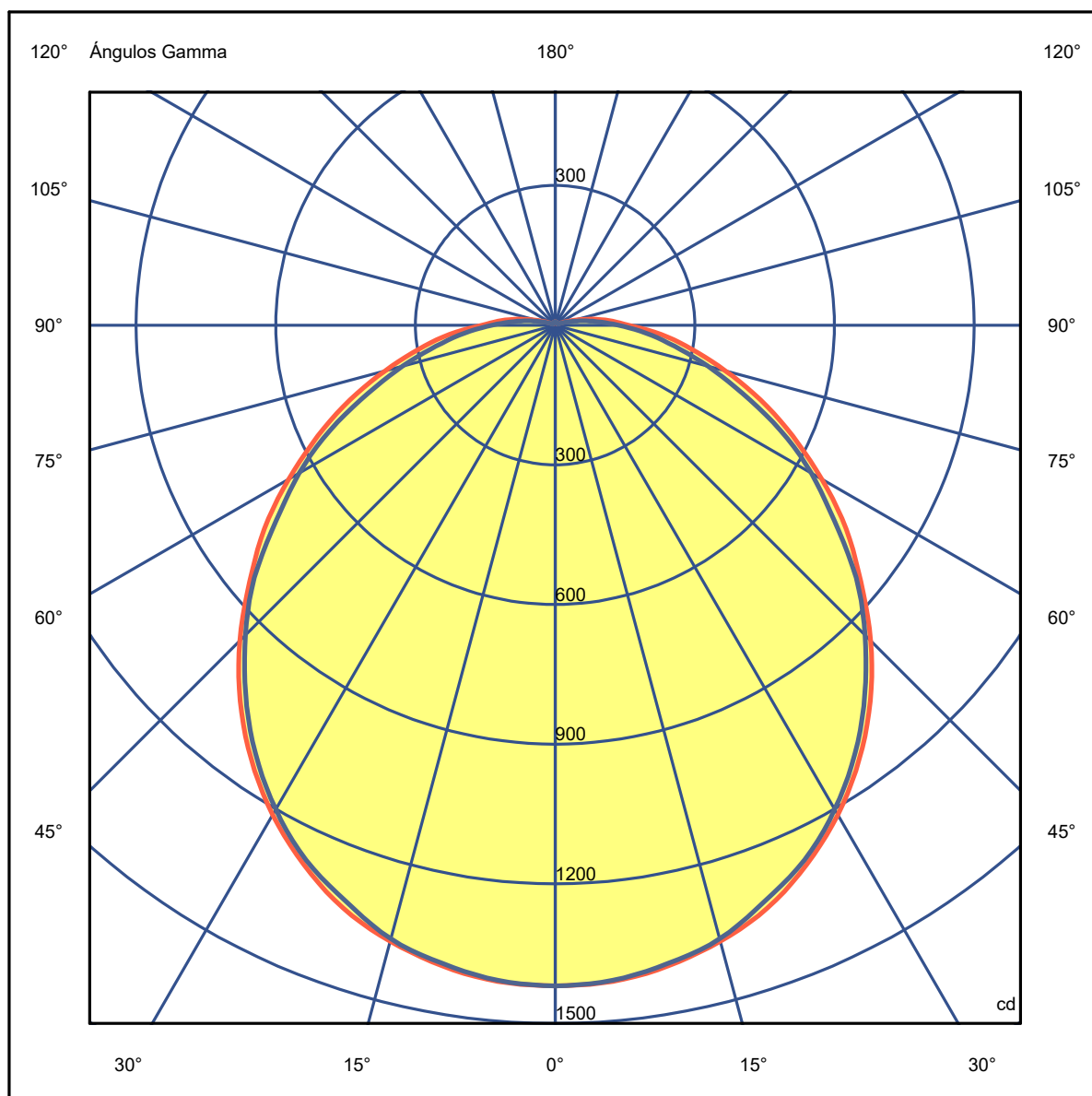
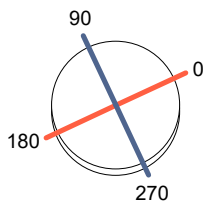
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Sources Flux	10478.00 lm	Maximum value	1418.88 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1100mm

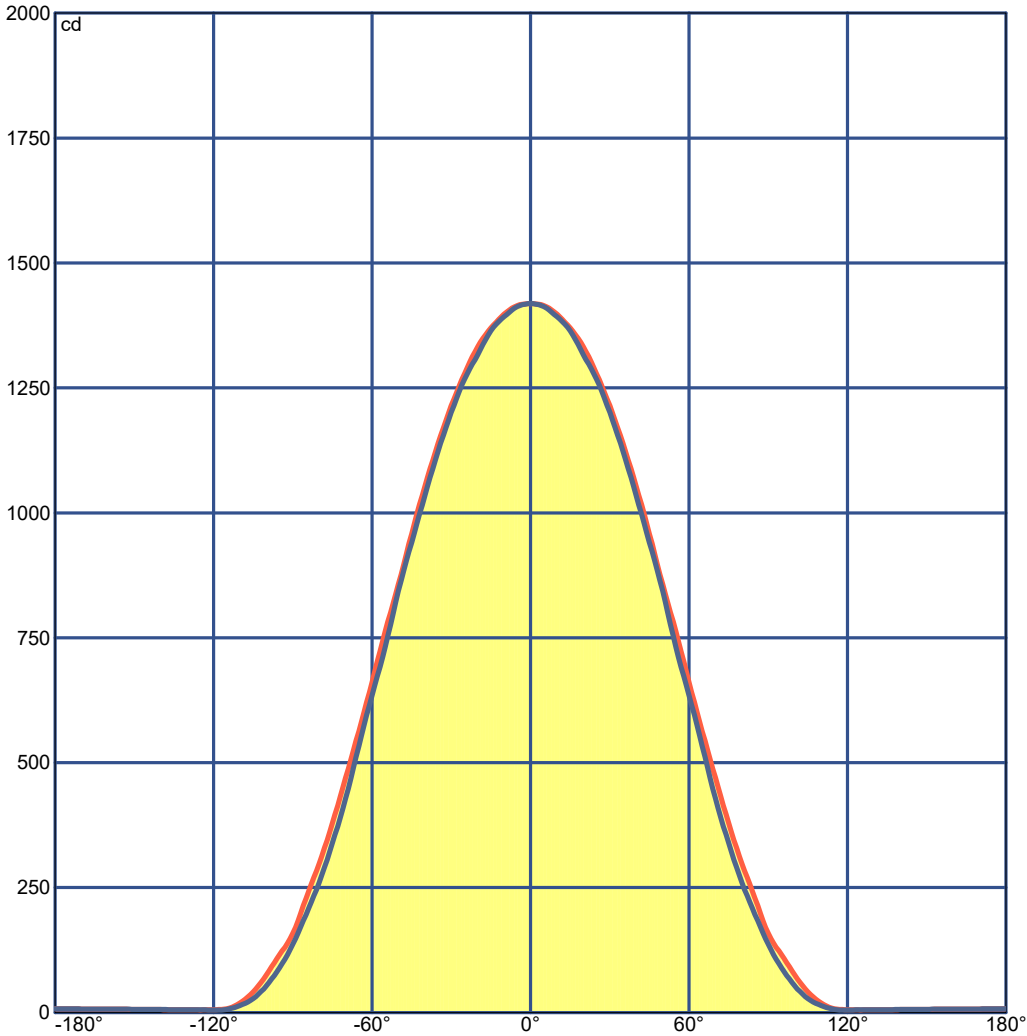
Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



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Sources Flux	10478.00 lm	Maximum value	1418.88 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	13.5	14.8	13.9	15.1	15.4	13.4	14.8	13.8	15.0	15.3
x=2H y=3H	15.4	16.7	15.8	17.0	17.3	15.2	16.5	15.6	16.8	17.1
x=2H y=4H	16.3	17.5	16.8	17.8	18.2	16.1	17.2	16.5	17.6	17.9
x=2H y=6H	17.3	18.4	17.7	18.7	19.1	16.9	18.0	17.3	18.4	18.7
x=2H y=8H	17.8	18.8	18.2	19.2	19.6	17.3	18.4	17.8	18.8	19.2
x=2H y=12H	18.3	19.3	18.8	19.7	20.1	17.8	18.8	18.3	19.2	19.6
x=4H y=2H	14.2	15.4	14.6	15.7	16.1	14.1	15.3	14.6	15.6	16.0
x=4H y=3H	16.4	17.3	16.8	17.7	18.1	16.2	17.2	16.6	17.6	18.0
x=4H y=4H	17.4	18.3	17.9	18.7	19.2	17.2	18.1	17.6	18.5	19.0
x=4H y=6H	18.5	19.3	19.0	19.7	20.2	18.2	19.0	18.7	19.4	19.9
x=4H y=8H	19.1	19.8	19.6	20.3	20.8	18.7	19.4	19.2	19.9	20.4
x=4H y=12H	19.8	20.4	20.3	20.9	21.4	19.3	19.9	19.8	20.4	20.9
x=8H y=4H	17.8	18.5	18.3	19.0	19.5	17.6	18.3	18.1	18.8	19.3
x=8H y=6H	19.2	19.8	19.7	20.3	20.8	18.9	19.5	19.4	20.0	20.5
x=8H y=8H	19.9	20.4	20.5	20.9	21.5	19.5	20.1	20.1	20.6	21.2
x=8H y=12H	20.8	21.2	21.3	21.7	22.3	20.3	20.7	20.8	21.3	21.9
x=12H y=4H	18.5	19.2	19.0	19.6	20.1	18.4	19.1	18.9	19.5	20.0
x=12H y=6H	19.7	20.2	20.3	20.8	21.3	19.5	20.0	20.1	20.6	21.1
x=12H y=8H	20.5	20.9	21.0	21.4	22.0	20.2	20.6	20.8	21.2	21.8

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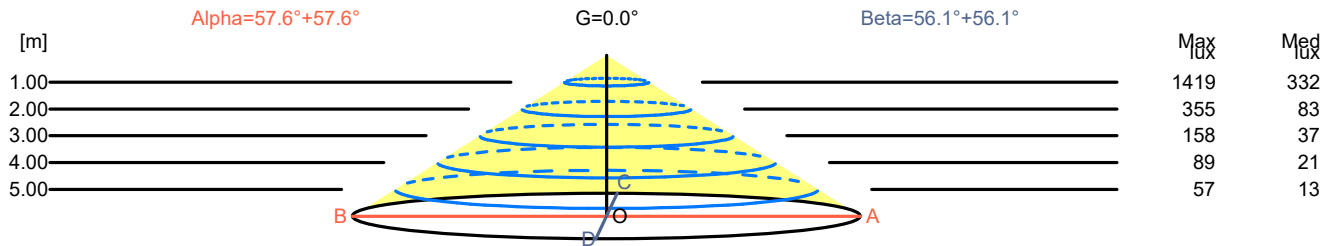
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Width at 50.00 % of Max Intensity

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	1.58	3.16	4.74	6.31	7.89	OC	1.49	2.97	4.46	5.95	7.43
OB	1.58	3.16	4.74	6.31	7.89	OD	1.49	2.97	4.46	5.95	7.43

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	1418.88	1414.73	1369.75	1278.16	1138.39	958.21	762.74	562.95	378.85	228.32
OB	1418.88	1414.73	1369.75	1278.16	1138.39	958.21	762.74	562.95	378.85	228.32
OC	1418.88	1412.52	1364.38	1267.18	1122.83	940.68	731.55	533.42	339.06	196.10
OD	1418.88	1412.52	1364.38	1267.18	1122.83	940.68	731.55	533.42	339.06	196.10



H[m]	D[m]	Max lux	Med lux	Alpha=57.6°+57.6°	G=0.0	
1.00	3.16	1419	332			
2.00	6.31	355	83			
3.00	9.47	158	37			
4.00	12.63	89	21			
5.00	15.78	57	13			

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.97	1419	332			
2.00	5.95	355	83			
3.00	8.92	158	37			
4.00	11.90	89	21			
5.00	14.87	57	13			

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

