Luminaria
Código 261022yyxxx
Nombre TANIT S/61
Ensayo
Código CL092A20F015G
Nombre TANIT S/61

Flujo Luminaria	1118.67 lm	Potencia Luminaria	24.22 W	Eficacia	46.19 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1118.67 lm	Valor Máximo	510.68 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

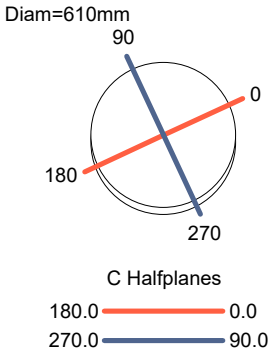
Luminaria Redonda	Diam. 610 mm	Altura	350 mm
Área Luminosa Redonda	Diam. 610 mm	Altura	350 mm
Área Luminosa Horizontal	0.292247 m2	Área Emisión sobre Pl. 180°	0.213500 m2
Área Emisión sobre Pl. 0°	0.213500 m2	Área Emisión sobre Pl. 270°	0.213500 m2
Área Emisión sobre Pl. 90°	0.213500 m2	Área de deslumbramiento a 76°	0.277859 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	12-11-2020	Máximo Ángulo Gamma	180
Distancia de Ensayo	6.44	Flujo de Ensayo	1118.67 lm
Operador	ASSELUM	Tensión Nominal	34.60 V
Temperatura	25.30 °C	Corriente Nominal	0.70 A
Humedad	38.20 %	Fotocélula	Prc
Notas	RM20102607.2		

Fuentes de luz de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
LED		OSRAM	1118.67	24.22	1

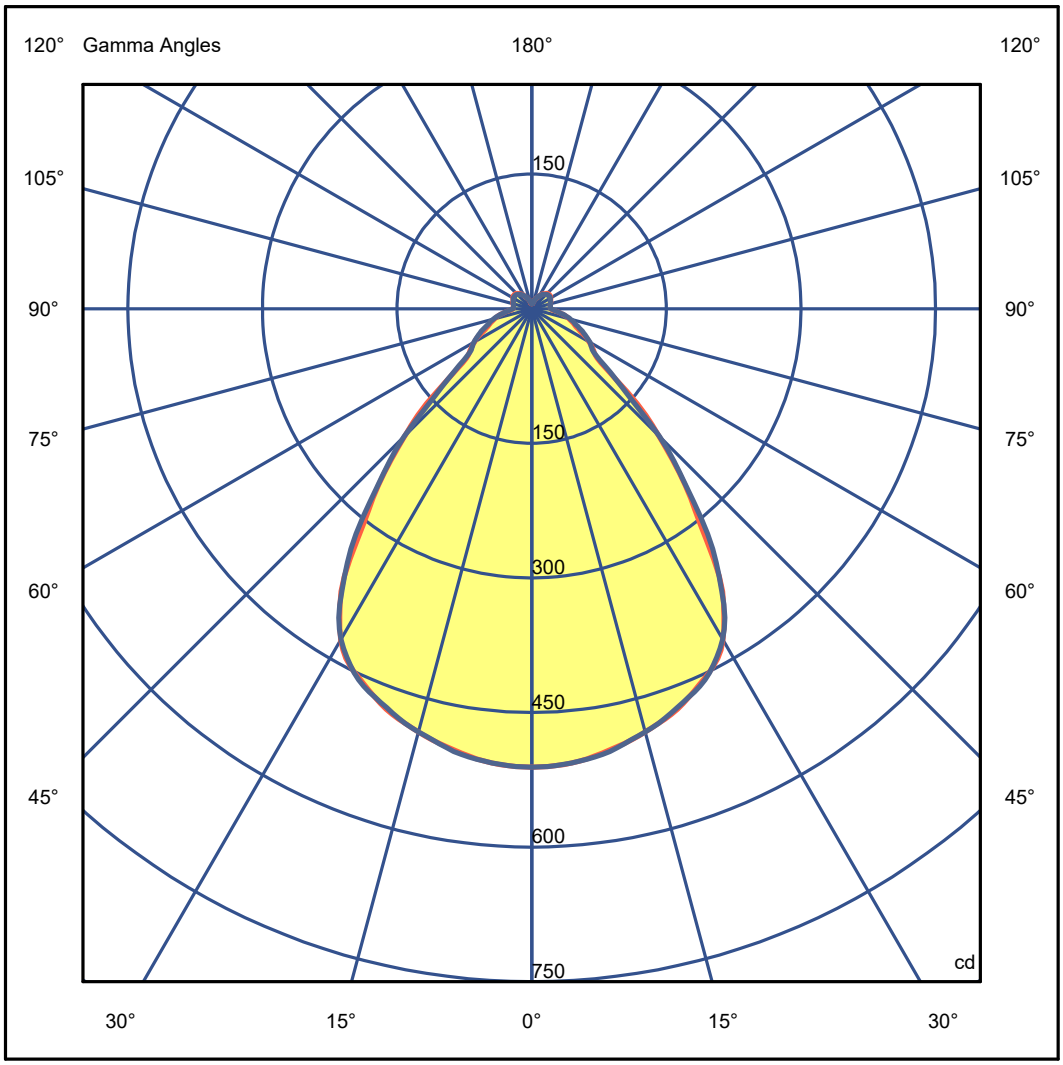
C.I.E.	65 86 95 88 100	D DIN 5040	B51
F UTE	0.88 C + 0.12 T	B NBN	BZ 2 / 0.6 / BZ 3





C Halfplanes
180.0 — 0.0
270.0 — 90.0

ULOR 11.51 %
DLOR 88.49 %
RN 11.51 %



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Flujo Fuentes de luz	1118.67 lm	Valor Máximo	510.68 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

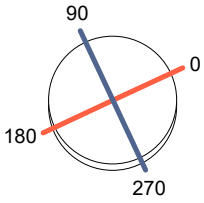
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	510.68	510.68	510.68	510.68	510.68	510.68	510.68
G 2.5	510.12	510.03	509.99	510.00	510.04	510.09	510.12
G 5.0	508.21	507.96	507.92	508.05	508.03	507.99	507.96
G 7.5	504.35	504.08	504.07	504.42	504.65	504.84	504.92
G 10.0	499.03	498.69	498.71	499.12	499.84	500.56	500.89
G 12.5	494.07	493.70	493.64	493.75	493.88	493.98	494.02
G 15.0	488.22	487.91	487.98	488.14	488.17	488.12	488.08
G 17.5	481.91	481.52	481.51	481.60	481.59	481.51	481.46
G 20.0	474.87	474.02	473.82	474.07	473.68	473.22	472.99
G 22.5	464.78	464.39	464.32	464.49	464.79	465.08	465.22
G 25.0	454.51	453.81	453.70	454.15	455.04	455.94	456.35
G 27.5	444.02	443.38	443.39	443.48	443.25	442.86	442.66
G 30.0	425.98	425.22	425.89	426.62	426.41	425.69	425.27
G 32.5	397.94	397.86	399.80	401.54	401.47	400.40	399.73
G 35.0	364.63	362.38	363.43	366.06	365.71	364.44	363.69
G 37.5	313.52	311.27	312.38	315.93	320.80	325.17	327.07
G 40.0	275.14	273.91	275.26	277.45	279.06	279.93	280.19
G 42.5	237.44	236.26	237.39	238.98	239.61	239.49	239.31
G 45.0	199.81	198.51	199.42	200.86	201.50	201.50	201.38
G 47.5	166.14	165.33	165.71	164.67	160.63	155.82	153.51
G 50.0	122.96	123.18	123.85	124.20	123.71	122.87	122.43
G 52.5	94.02	94.02	95.22	96.72	97.25	97.37	98.53
G 55.0	84.95	84.82	84.70	84.56	84.40	84.25	84.19
G 57.5	79.82	80.13	80.39	80.31	79.73	79.01	78.66
G 60.0	73.84	74.17	74.61	74.92	74.95	74.83	74.74
G 62.5	68.06	68.11	68.47	68.86	69.03	69.05	69.03
G 65.0	59.95	60.72	61.78	62.76	63.39	63.69	63.77
G 67.5	54.01	54.59	55.65	56.77	57.59	58.06	58.21
G 70.0	50.01	50.36	51.05	51.79	52.34	52.67	52.78
G 72.5	46.48	46.67	47.20	47.82	48.32	48.64	48.75
G 75.0	42.85	43.08	43.70	44.31	44.48	44.42	44.64
G 77.5	39.74	39.51	39.75	40.18	40.40	40.41	40.09
G 80.0	35.23	35.05	35.15	35.31	35.47	35.56	35.31
G 82.5	30.26	29.87	29.93	30.31	30.52	30.66	30.42
G 85.0	26.39	26.03	26.03	26.48	26.66	26.77	26.52
G 87.5	22.66	22.55	22.67	22.97	23.36	23.69	23.83
G 90.0	21.01	21.07	21.18	21.26	21.25	21.20	21.17
G 92.5	20.78	20.81	20.83	20.82	20.77	20.71	20.66
G 95.0	20.68	20.69	20.70	20.70	20.67	20.63	20.60
G 97.5	20.73	20.72	20.71	20.71	20.68	20.64	20.62
G100.0	20.90	20.87	20.84	20.80	20.77	20.75	20.74
G102.5	21.09	21.06	21.02	20.97	20.92	20.89	20.87
G105.0	21.35	21.29	21.21	21.16	21.15	21.17	21.18
G107.5	21.73	21.61	21.47	21.39	21.41	21.48	21.52
G110.0	22.32	22.18	22.01	21.86	21.82	21.84	21.86
G112.5	22.72	22.58	22.37	22.22	22.19	22.23	22.26
G115.0	23.18	22.98	22.74	22.58	22.56	22.63	22.68
G117.5	23.70	23.38	23.00	22.77	22.83	23.04	23.15
G120.0	24.23	23.73	23.15	22.85	23.06	23.49	23.72
G122.5	24.82	23.78	22.65	22.12	22.60	23.51	24.00
G125.0	24.92	23.33	21.60	20.82	21.66	23.16	23.96
G127.5	25.06	23.26	21.30	20.40	21.33	23.01	23.92
G130.0	25.02	23.26	21.37	20.50	21.36	22.94	23.79
G132.5	24.67	23.27	21.79	21.08	21.64	22.76	23.37
G135.0	24.11	23.31	22.44	21.92	22.06	22.42	22.64
G137.5	23.08	22.96	22.86	22.71	22.37	22.02	21.87
G140.0	22.00	22.53	23.11	23.21	22.50	21.52	21.02
G142.5	21.00	21.91	22.91	23.16	22.19	20.78	20.06
G145.0	19.88	21.13	22.24	22.56	21.52	19.98	19.18
G147.5	18.59	19.88	21.00	21.28	20.21	18.73	17.92
G150.0	16.90	18.04	19.06	19.35	18.57	17.34	16.70
G152.5	15.15	16.08	16.93	17.23	16.72	15.83	15.36
G155.0	13.81	14.28	14.83	15.09	14.83	14.35	14.10
G157.5	12.58	12.81	13.08	13.21	13.08	12.84	12.71
G160.0	11.47	11.52	11.61	11.67	11.66	11.61	11.59
G162.5	10.30	10.33	10.40	10.44	10.43	10.39	10.37
G165.0	9.11	9.10	9.12	9.15	9.19	9.22	9.23
G167.5	7.65	7.66	7.75	7.90	8.04	8.16	8.29
G170.0	6.75	6.81	6.90	6.99	7.04	7.06	7.06
G172.5	6.16	6.16	6.19	6.24	6.31	6.38	6.42
G175.0	5.80	5.81	5.82	5.84	5.86	5.87	5.88
G177.5	5.67	5.67	5.66	5.65	5.64	5.65	5.65
G180.0	5.58	5.58	5.58	5.58	5.58	5.58	5.58

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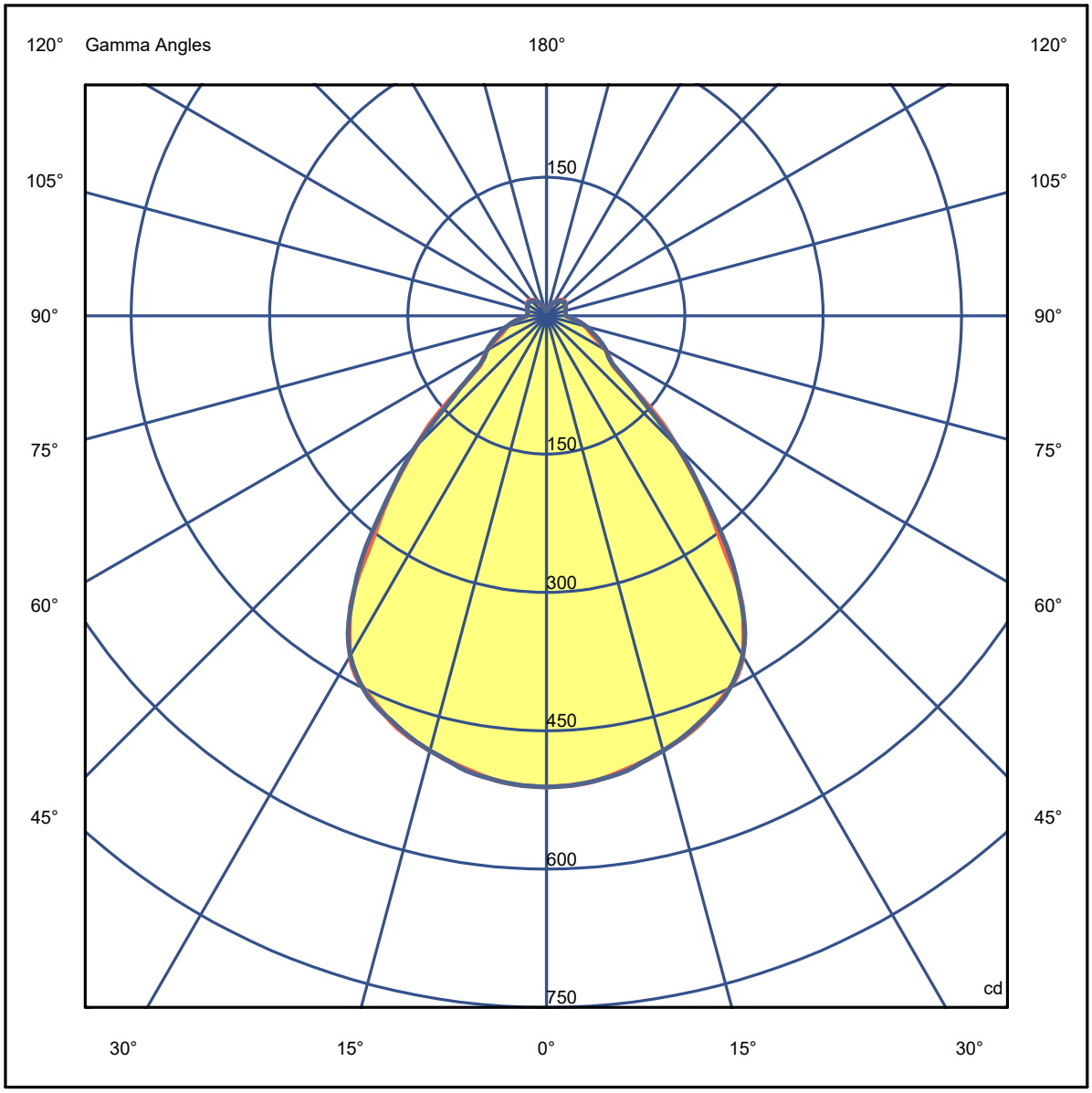
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Flujo Fuentes de luz	1118.67 lm	Valor Máximo	510.68 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=610mm



C Halfplanes

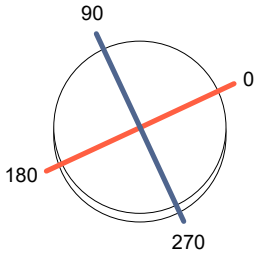




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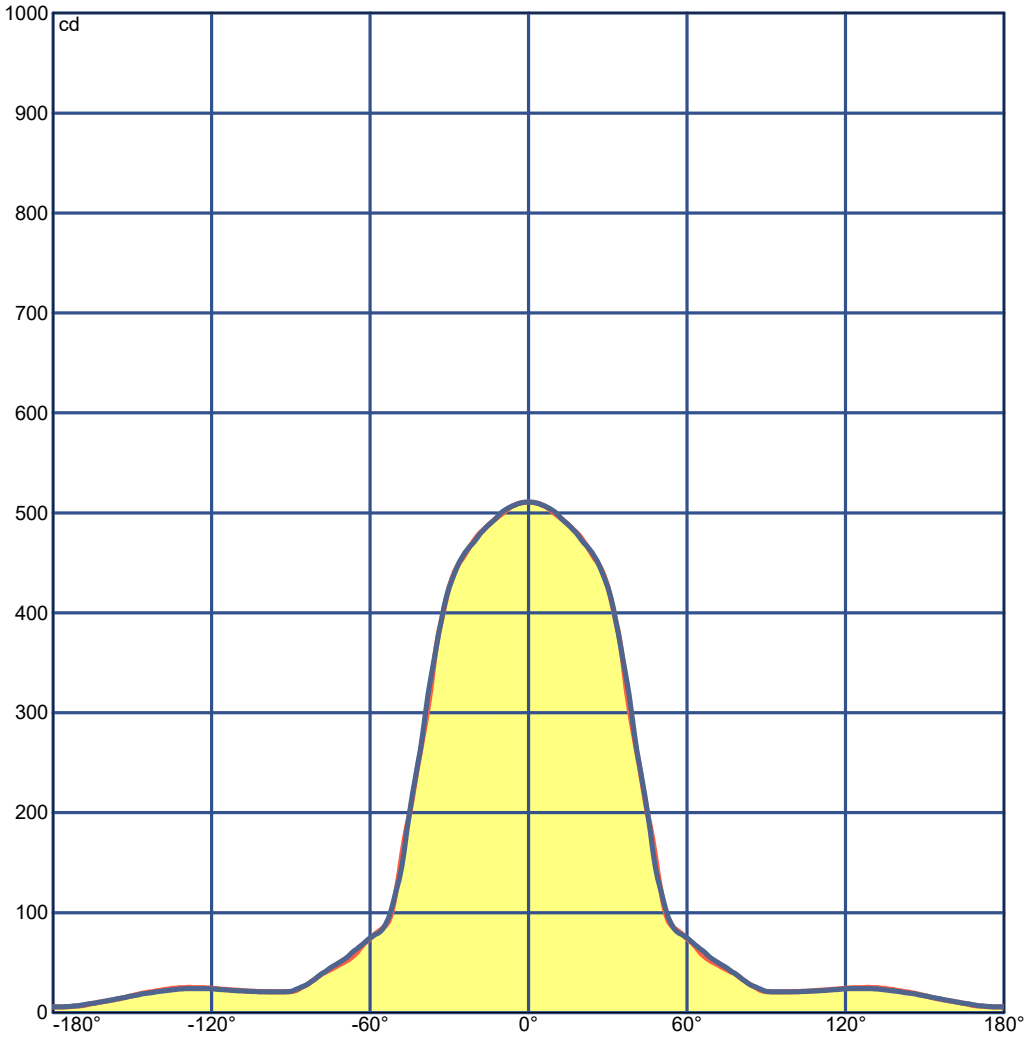
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C Halfplanes





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Flujo Fuentes de luz	1118.67 lm	Valor Máximo	510.68 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Loca	Vista Lateral					Vista Longitudinal				
x=2H y=2H	6.9	7.9	7.3	8.3	8.7	6.9	7.9	7.4	8.3	8.7
x=2H y=3H	7.6	8.5	8.0	8.9	9.4	7.7	8.6	8.1	9.0	9.5
x=2H y=4H	8.0	8.8	8.4	9.2	9.8	8.1	8.9	8.6	9.4	9.9
x=2H y=6H	8.3	9.1	8.8	9.6	10.1	8.5	9.2	9.0	9.7	10.2
x=2H y=8H	8.5	9.2	9.0	9.7	10.3	8.6	9.3	9.1	9.8	10.4
x=2H y=12H	8.6	9.3	9.2	9.8	10.4	8.7	9.4	9.3	10.0	10.5
x=4H y=2H	7.1	7.9	7.6	8.4	8.9	7.1	7.9	7.6	8.4	8.9
x=4H y=3H	8.0	8.7	8.5	9.2	9.8	8.1	8.8	8.6	9.3	9.9
x=4H y=4H	8.5	9.2	9.1	9.7	10.3	8.7	9.3	9.2	9.8	10.4
x=4H y=6H	9.1	9.6	9.7	10.2	10.8	9.2	9.7	9.8	10.3	10.9
x=4H y=8H	9.3	9.8	9.9	10.4	11.0	9.4	9.9	10.0	10.5	11.2
x=4H y=12H	9.5	10.0	10.1	10.6	11.2	9.6	10.1	10.3	10.7	11.4
x=8H y=4H	8.7	9.2	9.3	9.8	10.5	8.9	9.4	9.5	9.9	10.6
x=8H y=6H	9.5	9.9	10.1	10.5	11.2	9.6	10.0	10.2	10.6	11.3
x=8H y=8H	9.8	10.1	10.4	10.8	11.5	9.9	10.2	10.5	10.9	11.6
x=8H y=12H	10.1	10.4	10.8	11.0	11.8	10.2	10.5	10.9	11.2	11.9
x=12H y=4H	9.2	9.6	9.8	10.2	10.9	9.3	9.7	9.9	10.3	11.0
x=12H y=6H	9.8	10.2	10.5	10.8	11.5	9.9	10.3	10.6	10.9	11.6
x=12H y=8H	10.2	10.5	10.8	11.1	11.9	10.3	10.6	10.9	11.2	12.0

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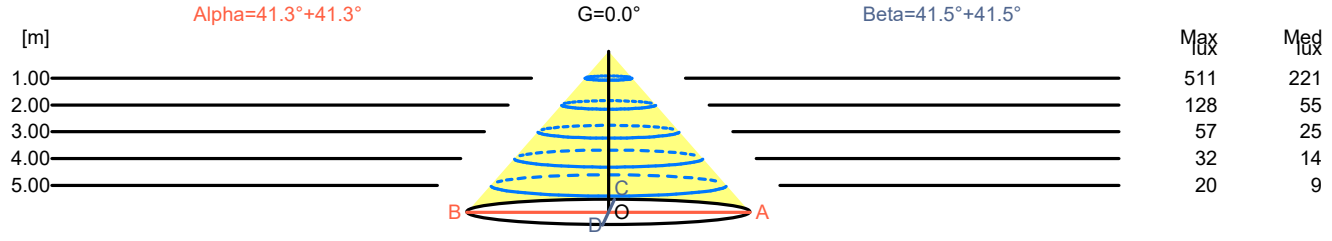
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Apertura a 50.00 % de Max Intensidad

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	1.76	2.64	3.52	4.40	OC	0.88	1.77	2.65	3.53	4.42
OB	0.88	1.76	2.64	3.52	4.40	OD	0.88	1.77	2.65	3.53	4.42

Intensidades Luminosas [cd]

	0	5	15	25	35	45	55	65	75	85
OA	510.68	508.21	488.22	454.51	364.63	199.81	84.95	59.95	42.85	26.39
OB	510.68	508.21	488.22	454.51	364.63	199.81	84.95	59.95	42.85	26.39
OC	510.68	507.96	488.08	456.35	363.69	201.38	84.19	63.77	44.64	26.52
OD	510.68	507.96	488.08	456.35	363.69	201.38	84.19	63.77	44.64	26.52



H[m]	D[m]	Max lux	Med lux	Alpha=41.3°+41.3° G=0.0
1.00	1.76	511	221	
2.00	3.52	128	55	
3.00	5.28	57	25	
4.00	7.04	32	14	
5.00	8.80	20	9	

H[m]	D[m]	Max lux	Med lux	Beta=41.5°+41.5° G=0.0
1.00	1.77	511	221	
2.00	3.53	128	55	
3.00	5.30	57	25	
4.00	7.07	32	14	
5.00	8.83	20	9	

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Flujo Fuentes de luz	1118.67 lm	Valor Máximo	510.68 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Total Flux=1118.67 Luminaire Flux=1118.67

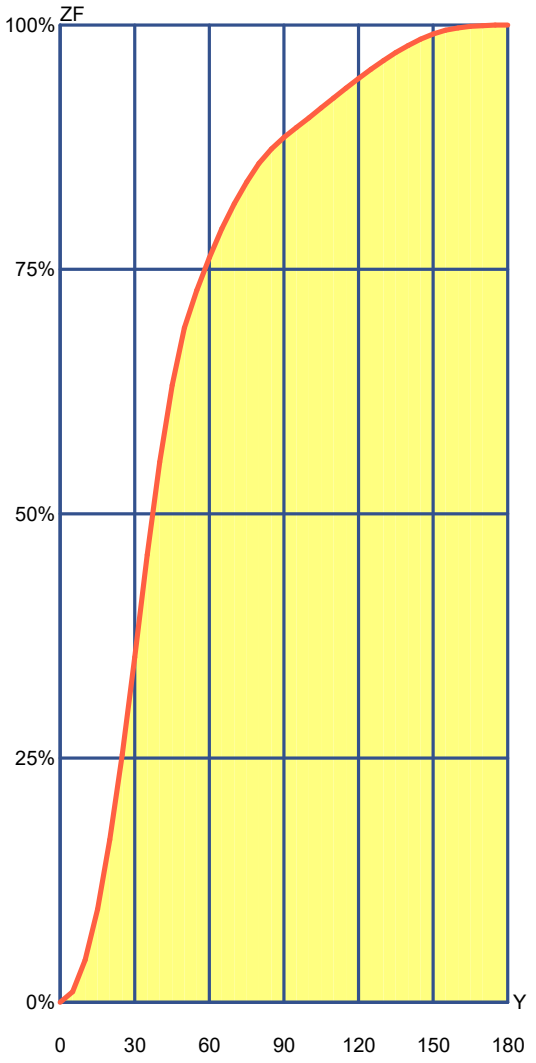
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.45	0.52	0.59	0.65	0.69	0.76	0.80	0.84	0.87	0.89	0.94	0.97
RC	2	3	3	3	3	3	3	3	3	3	3	3

Zonal Flux per 1000 Lumen

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	43	166	353	553	690	762	817	859	885	905	925	945	964	979	991	997	999	1000

CIE Flux Codes
65 86 95 88 100

C.I.E.	2/3/3/3/3/3/3/3/3/3/3	LOR	100.00000 %
D DIN 5040	B51	ULOR	11.51099 %
F UTE	0.88 C + 0.12 T	DLOR	88.48901 %
B NBN	BZ 2 / 0.6 / BZ 3	UFF	11.51099 %
RN	11.51099 %	DFF	88.48901 %
BLF	1.0	FFR	13.00839 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.89	10.89	1.09 %	1.09 %
10°	32.22	43.10	3.22 %	4.31 %
15°	52.34	95.44	5.23 %	9.54 %
20°	70.87	166.32	7.09 %	16.63 %
25°	87.04	253.36	8.70 %	25.34 %
30°	99.89	353.25	9.99 %	35.32 %
35°	104.53	457.78	10.45 %	45.78 %
40°	95.03	552.81	9.50 %	55.28 %
45°	78.83	631.63	7.88 %	63.16 %
50°	58.37	690.00	5.84 %	69.00 %
55°	38.83	728.84	3.88 %	72.88 %
60°	32.92	761.76	3.29 %	76.18 %
65°	29.80	791.55	2.98 %	79.16 %
70°	25.67	817.22	2.57 %	81.72 %
75°	22.31	839.53	2.23 %	83.95 %
80°	19.05	858.57	1.90 %	85.86 %
85°	14.84	873.42	1.48 %	87.34 %
90°	11.47	884.89	1.15 %	88.49 %
95°	10.21	895.10	1.02 %	89.51 %
100°	10.06	905.16	1.01 %	90.52 %
105°	10.04	915.20	1.00 %	91.52 %
110°	10.07	925.27	1.01 %	92.53 %
115°	10.12	935.38	1.01 %	93.54 %
120°	10.02	945.41	1.00 %	94.54 %
125°	9.53	954.94	0.95 %	95.49 %
130°	8.69	963.63	0.87 %	96.36 %
135°	8.11	971.73	0.81 %	97.17 %
140°	7.46	979.19	0.75 %	97.92 %
145°	6.52	985.71	0.65 %	98.57 %
150°	5.22	990.92	0.52 %	99.09 %
155°	3.71	994.63	0.37 %	99.46 %
160°	2.45	997.08	0.24 %	99.71 %
165°	1.54	998.62	0.15 %	99.86 %
170°	0.85	999.47	0.09 %	99.95 %
175°	0.41	999.88	0.04 %	99.99 %
180°	0.12	1000.00	0.01 %	100.00 %

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Nombre TANIT S/61

Flujo Luminaria	1118.67 lm	Potencia Luminaria	24.22 W	Eficacia	46.19 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1118.67 lm	Valor Máximo	510.68 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m

