Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

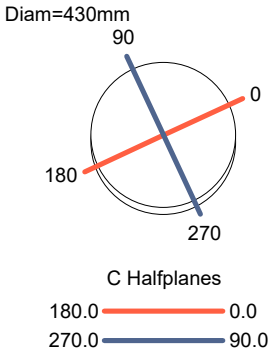
Luminaria Redonda	Diam. 430 mm	Altura	240 mm
Área Luminosa Redonda	Diam. 430 mm	Altura	240 mm
Área Luminosa Horizontal	0.145220 m2	Área Emisión sobre Pl. 180°	0.103200 m2
Área Emisión sobre Pl. 0°	0.103200 m2	Área Emisión sobre Pl. 270°	0.103200 m2
Área Emisión sobre Pl. 90°	0.103200 m2	Área de deslumbramiento a 76°	0.135266 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	12-11-2020	Máximo Ángulo Gamma	90
Distancia de Ensayo	6.44	Flujo de Ensayo	490.58 lm
Operador	Asselum T2	Tensión Nominal	20.40 V
Temperatura	25.20 °C	Corriente Nominal	0.70 A
Humedad	37.90 %	Fotocélula	Prc
Notas	RM20102607.1		

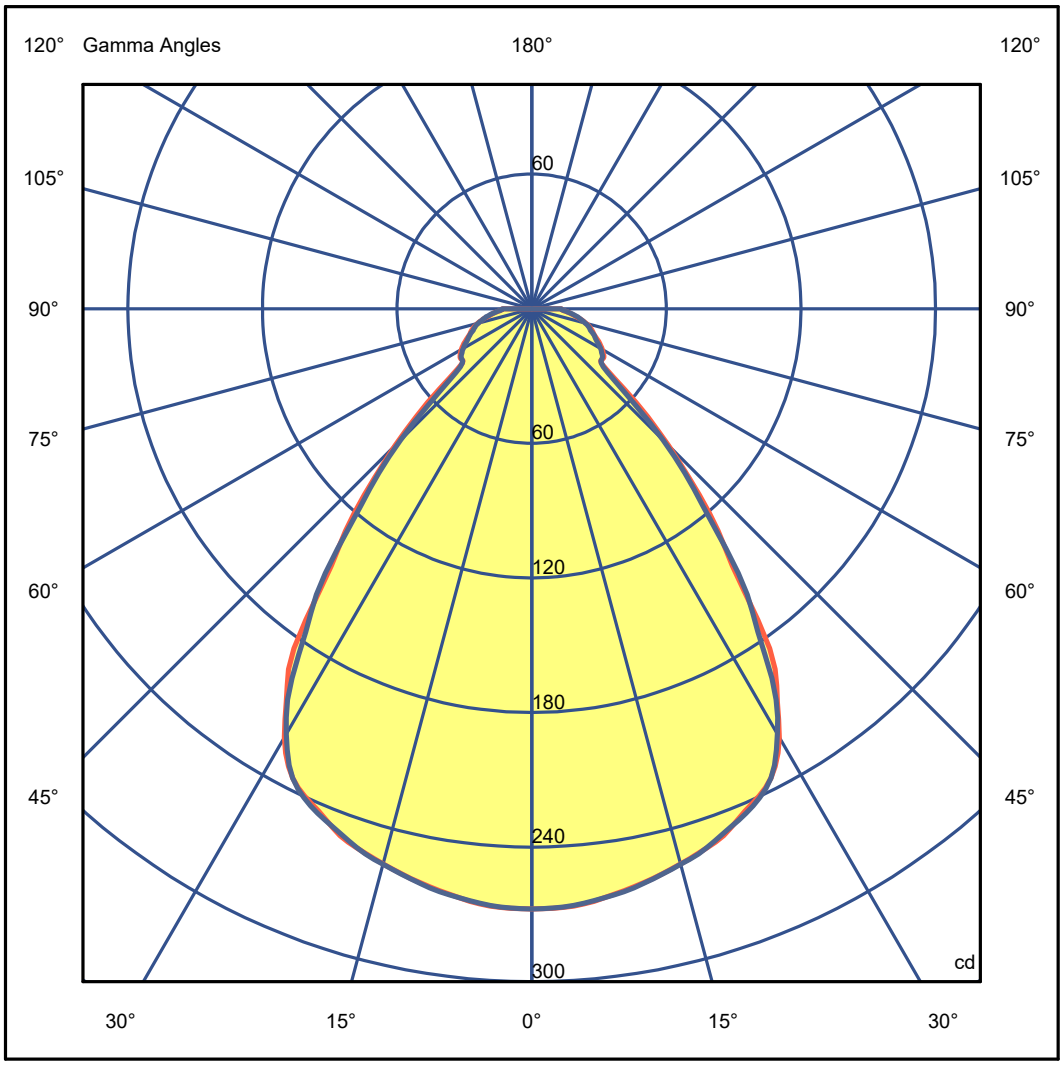
Fuentes de luz de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
LED		OSRAM	490.58	14.28	1

C.I.E.	67 85 94 100 100	D DIN 5040	A50
F UTE	1.00 C	B NBN	BZ 2 / 1 / BZ 3 / 4 / BZ 4







ULOR 0.00 %
DLOR100.00 %
RN 0.00 %

Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

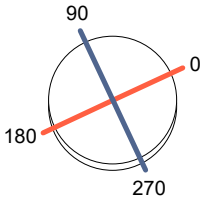
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	267.60	267.60	267.60	267.60	267.60	267.60	267.60
G 2.5	267.29	267.29	267.25	267.02	267.27	267.34	267.19
G 5.0	266.34	266.32	266.09	265.90	266.11	266.37	265.98
G 7.5	264.02	264.46	264.32	264.30	264.47	264.40	264.20
G 10.0	261.65	262.19	261.57	262.28	262.18	262.33	262.08
G 12.5	259.06	259.25	259.16	259.68	259.61	259.76	259.19
G 15.0	256.20	256.39	256.29	256.39	256.16	256.79	256.34
G 17.5	253.16	253.35	253.23	252.72	253.14	253.32	253.33
G 20.0	249.89	249.55	248.88	249.08	249.05	249.95	249.01
G 22.5	244.28	245.08	244.87	245.25	245.21	245.12	245.11
G 25.0	239.63	240.05	239.59	240.65	240.55	240.25	240.45
G 27.5	233.04	233.02	234.34	231.84	235.23	231.58	232.79
G 30.0	220.51	221.41	223.80	216.21	220.83	217.91	218.83
G 32.5	203.33	202.83	205.63	196.05	201.69	199.34	201.20
G 35.0	184.77	177.91	178.29	176.64	176.59	178.62	175.73
G 37.5	150.50	154.76	154.16	155.89	153.95	149.54	154.88
G 40.0	129.25	129.72	126.84	134.57	127.90	128.06	125.95
G 42.5	106.97	105.60	104.73	106.56	104.74	105.02	103.98
G 45.0	86.15	85.37	83.73	83.39	79.85	81.08	82.81
G 47.5	66.56	64.87	65.03	62.56	60.04	63.07	59.75
G 50.0	47.75	48.21	46.58	49.03	45.42	47.60	44.21
G 52.5	38.42	38.68	37.64	41.19	36.75	38.99	38.77
G 55.0	38.66	35.72	35.44	37.84	35.53	35.41	38.37
G 57.5	37.89	35.09	34.81	37.07	34.85	34.55	37.08
G 60.0	36.30	33.93	33.66	35.23	33.18	33.50	35.34
G 62.5	34.40	32.23	32.20	33.49	31.53	31.98	33.30
G 65.0	32.18	30.64	30.42	31.64	30.24	30.23	31.34
G 67.5	30.03	29.06	28.82	30.09	28.78	28.42	29.81
G 70.0	28.64	27.63	27.60	28.56	27.43	27.09	27.85
G 72.5	27.15	26.23	26.29	26.67	25.96	25.55	26.52
G 75.0	25.00	24.54	24.59	24.59	24.28	24.25	24.66
G 77.5	22.72	22.30	22.56	22.71	22.33	22.80	22.51
G 80.0	20.07	20.28	20.42	20.69	20.59	20.55	20.67
G 82.5	17.93	18.43	18.14	18.49	18.63	18.55	18.27
G 85.0	15.90	16.10	16.25	15.95	16.41	16.34	16.08
G 87.5	13.44	14.34	14.13	13.93	14.01	14.33	13.60
G 90.0	13.13	13.86	13.80	13.29	14.04	13.82	13.13

Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

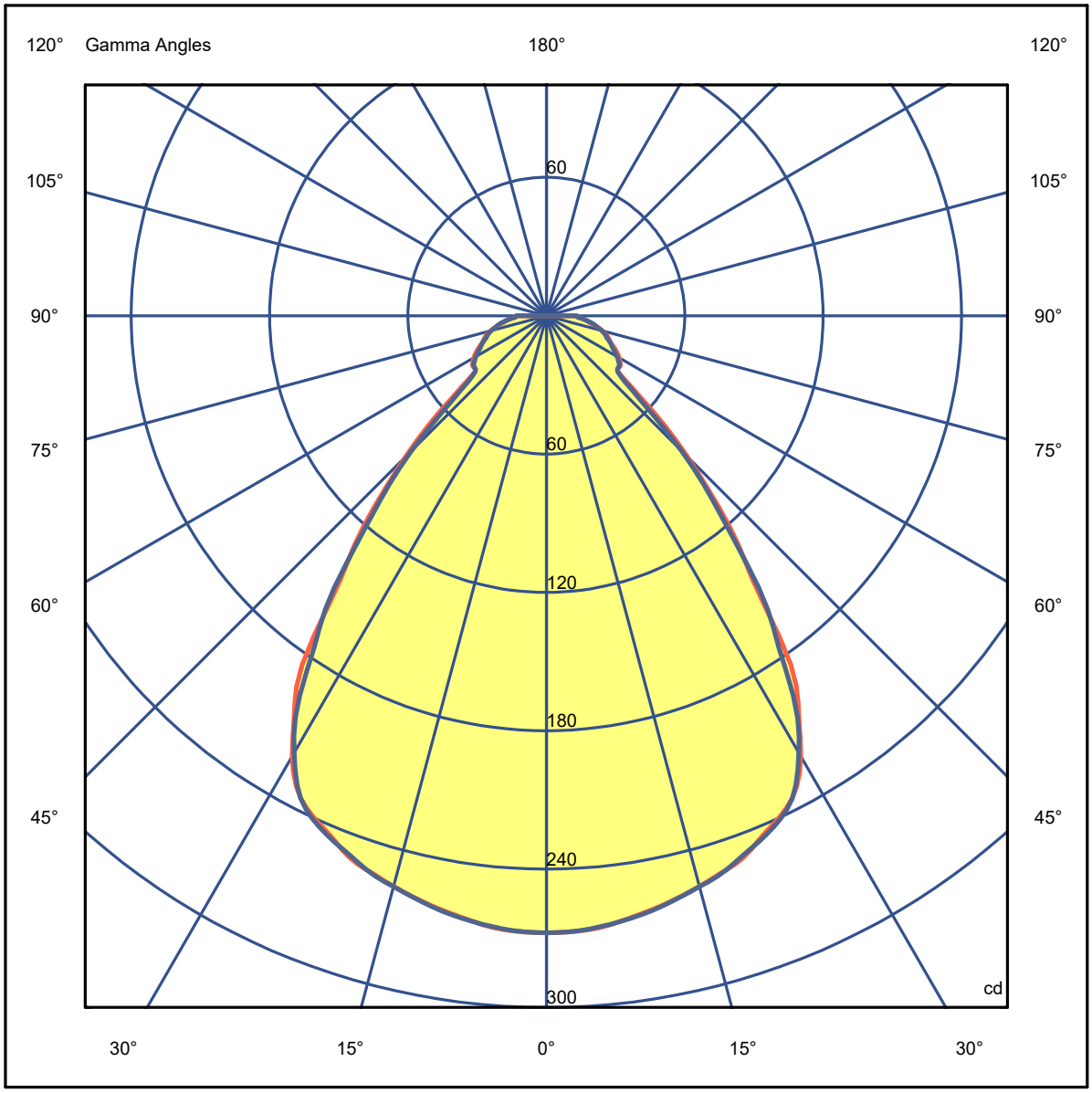
Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=430mm



C Halfplanes

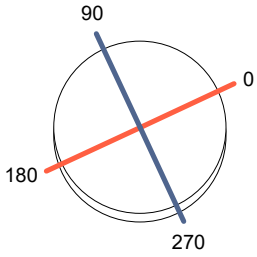


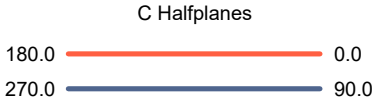


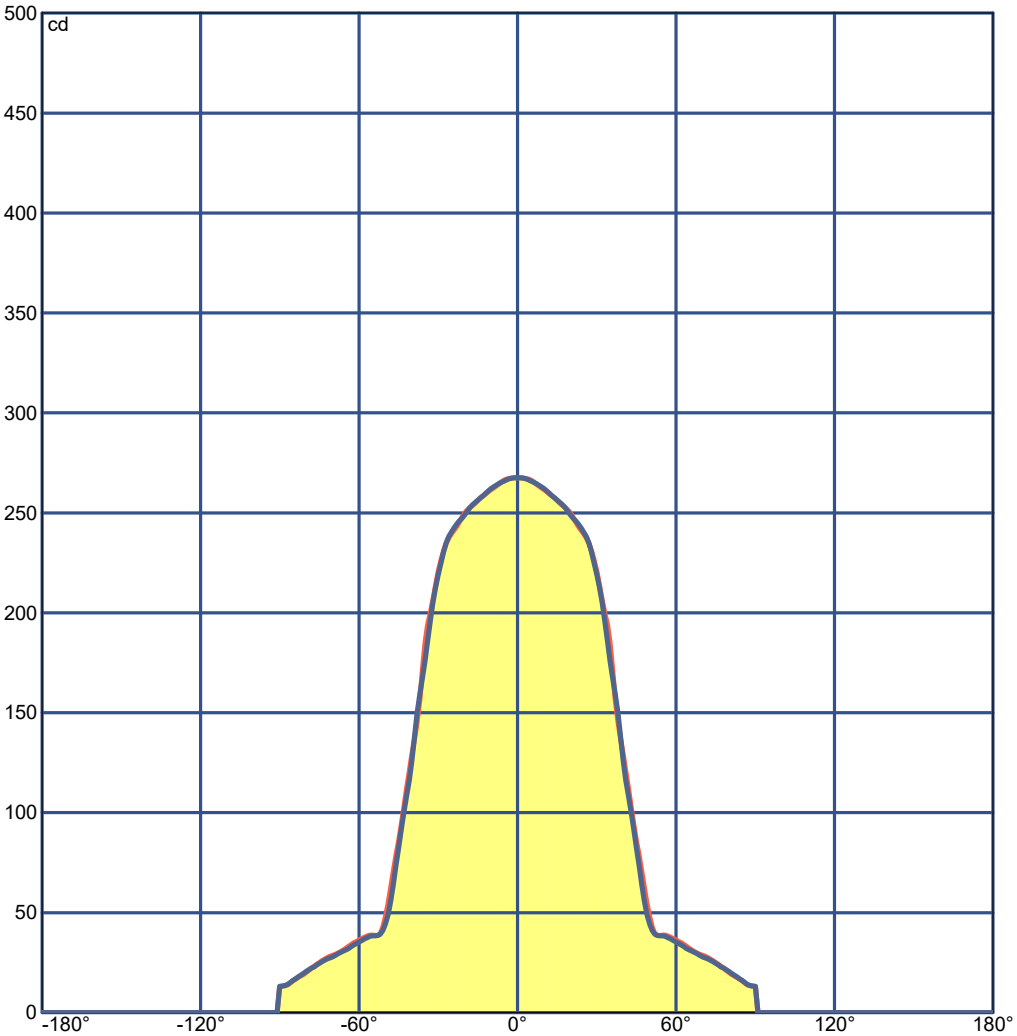
Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=430mm







Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%	
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 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	7.0	8.1	7.3	8.3	8.5	6.9	7.9	7.2	8.2	8.4
x=2H y=3H	8.0	9.0	8.3	9.2	9.5	7.9	8.9	8.2	9.1	9.4
x=2H y=4H	8.6	9.6	9.0	9.8	10.1	8.5	9.4	8.8	9.7	10.0
x=2H y=6H	9.2	10.0	9.5	10.3	10.6	9.1	10.0	9.5	10.3	10.6
x=2H y=8H	9.4	10.3	9.8	10.6	10.9	9.4	10.2	9.7	10.5	10.8
x=2H y=12H	9.7	10.5	10.0	10.8	11.1	9.6	10.4	10.0	10.7	11.0
x=4H y=2H	7.3	8.2	7.6	8.5	8.8	7.2	8.1	7.5	8.4	8.7
x=4H y=3H	8.6	9.4	9.0	9.7	10.1	8.5	9.3	8.9	9.6	10.0
x=4H y=4H	9.4	10.1	9.8	10.5	10.8	9.3	10.0	9.7	10.4	10.7
x=4H y=6H	10.2	10.8	10.6	11.2	11.6	10.1	10.7	10.5	11.1	11.5
x=4H y=8H	10.5	11.1	10.9	11.5	11.9	10.5	11.1	10.9	11.4	11.9
x=4H y=12H	10.8	11.3	11.3	11.8	12.2	10.8	11.3	11.3	11.7	12.2
x=8H y=4H	9.8	10.3	10.2	10.7	11.1	9.7	10.2	10.1	10.6	11.0
x=8H y=6H	10.7	11.2	11.2	11.6	12.0	10.6	11.1	11.1	11.5	12.0
x=8H y=8H	11.2	11.6	11.6	12.0	12.5	11.1	11.5	11.6	12.0	12.5
x=8H y=12H	11.6	12.0	12.1	12.4	12.9	11.6	11.9	12.1	12.4	12.9
x=12H y=4H	10.3	10.8	10.8	11.2	11.7	10.2	10.7	10.7	11.1	11.6
x=12H y=6H	11.2	11.6	11.7	12.0	12.5	11.1	11.5	11.6	12.0	12.5
x=12H y=8H	11.7	12.0	12.1	12.5	13.0	11.6	12.0	12.1	12.4	12.9

Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

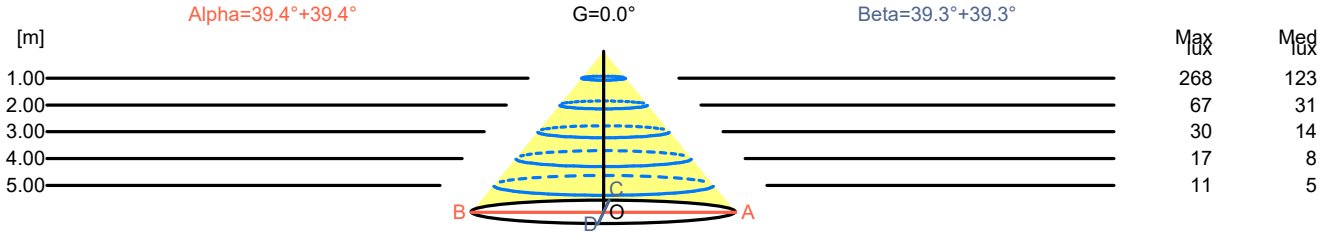
Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

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	0.82	1.64	2.46	3.28	4.11	OC	0.82	1.64	2.46	3.28	4.10
OB	0.82	1.64	2.46	3.28	4.11	OD	0.82	1.64	2.46	3.28	4.10

Intensidades Luminosas [cd]

	0	5	15	25	35	45	55	65	75	85
OA	267.60	266.34	256.20	239.63	184.77	86.15	38.66	32.18	25.00	15.90
OB	267.60	266.34	256.20	239.63	184.77	86.15	38.66	32.18	25.00	15.90
OC	267.60	265.98	256.34	240.45	175.73	82.81	38.37	31.34	24.66	16.08
OD	267.60	265.98	256.34	240.45	175.73	82.81	38.37	31.34	24.66	16.08



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4° G=0.0
1.00	1.64	268	123	
2.00	3.28	67	31	
3.00	4.93	30	14	
4.00	6.57	17	8	
5.00	8.21	11	5	

H[m]	D[m]	Max lux	Med lux	Beta=39.3°+39.3° G=0.0
1.00	1.64	268	123	
2.00	3.28	67	31	
3.00	4.92	30	14	
4.00	6.55	17	8	
5.00	8.19	11	5	

Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Total Flux=490.58 Luminaire Flux=490.58

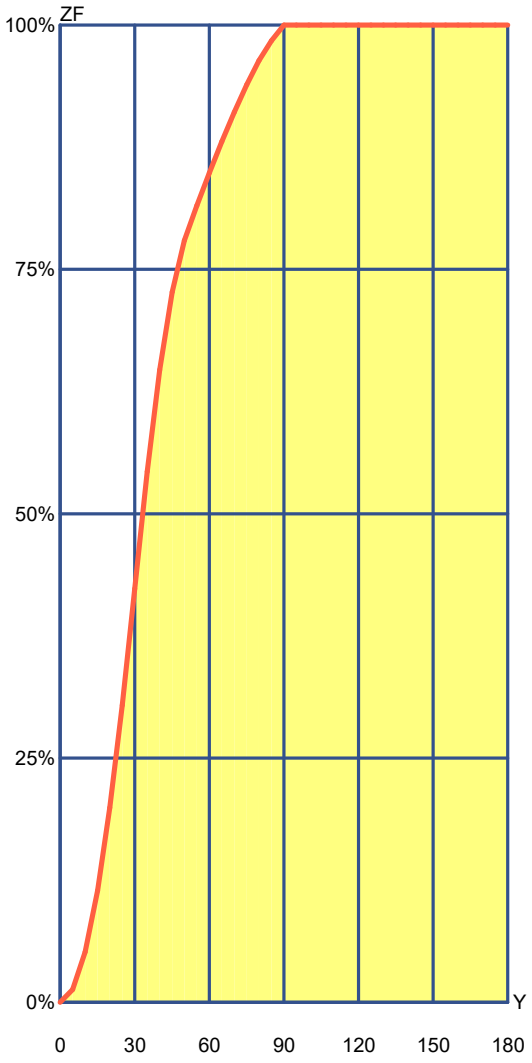
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.47	0.54	0.60	0.65	0.69	0.76	0.80	0.83	0.87	0.89	0.94	0.97
RC	2	2	2	3	3	3	3	3	3	3	3	3

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)	52	199	423	647	780	849	911	964	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes
67 85 94 100 100

C.I.E.	2/2/2/3/3/3/3/3/3/3/3	LOR	100.00000 %
D DIN 5040	A50	ULOR	0.00000 %
F UTE	1.00 C	DLOR	100.00000 %
B NBN	BZ 2 / 1 / BZ 3 / 4 / BZ 4	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	13.01	13.01	1.30 %	1.30 %
10°	38.51	51.52	3.85 %	5.15 %
15°	62.68	114.20	6.27 %	11.42 %
20°	84.97	199.17	8.50 %	19.92 %
25°	104.66	303.83	10.47 %	30.38 %
30°	119.39	423.22	11.94 %	42.32 %
35°	119.95	543.16	11.99 %	54.32 %
40°	104.20	647.36	10.42 %	64.74 %
45°	79.58	726.95	7.96 %	72.69 %
50°	52.65	779.59	5.26 %	77.96 %
55°	35.60	815.20	3.56 %	81.52 %
60°	33.43	848.62	3.34 %	84.86 %
65°	32.24	880.86	3.22 %	88.09 %
70°	30.17	911.03	3.02 %	91.10 %
75°	27.91	938.94	2.79 %	93.89 %
80°	24.57	963.50	2.46 %	96.35 %
85°	20.33	983.84	2.03 %	98.38 %
90°	16.16	1000.00	1.62 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaria
Código 261012yyxxx
Nombre TANIT S/43
Ensayo
Código CL092A20F014G
Nombre TANIT S/43

Flujo Luminaria	490.58 lm	Potencia Luminaria	14.30 W	Eficacia	34.31 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	490.58 lm	Valor Máximo	267.60 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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

