

Luminaria

Código 3800/028
Nombre TRIBECA

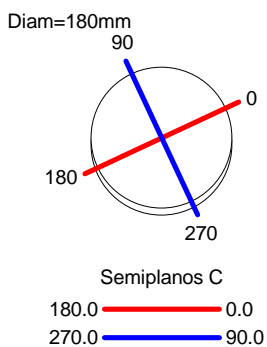
Ensayo

Código CL178A20F001G.E3
Nombre TRIBECA

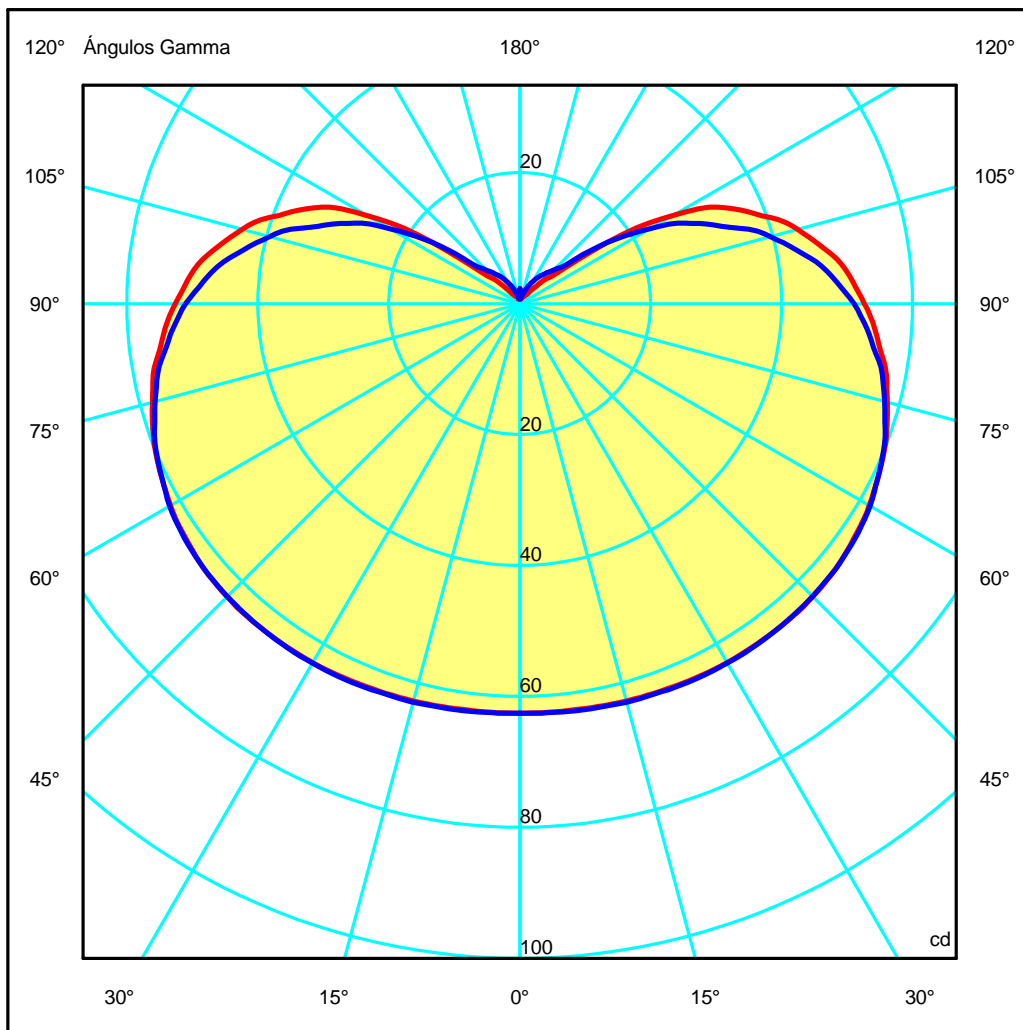
Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	CG	Bisimétrico
Luminaria Redonda		Diam.	180 mm	Altura	380 mm		
Área Luminosa Redonda		Diam.	180 mm	Altura	380 mm		
Área Luminosa Horizontal		0.025447 m2		Área Emisión sobre Pl. 180°		0.068400 m2	
Área Emisión sobre Pl. 0°		0.068400 m2		Área Emisión sobre Pl. 270°		0.068400 m2	
Área Emisión sobre Pl. 90°		0.068400 m2		Área de deslumbramiento a 76°		0.072524 m2	
Sist. de Coord.		CG		Tipo de Simetría		Bisimétrico	
Fecha		10-02-2020		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		541.30 lm	
Operador		Asselum T2		Tensión Nominal			
Temperatura		25.00 °C		Corriente Nominal			
Humedad		36.20 %		Fotocélula		Prc	
Notas		RM20021201.6					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
Pie lectura 2 pantallas	LED	LED	541.30	9.06	1
C.I.E.	26 52 77 70 100	D DIN 5040	B11		
F UTE	0.70 J + 0.30 T	B NBN	BZ 8 / 0.8 / BZ 7 / 1 / BZ 8 / 2.5 / BZ 7		



ULOR 30.23 %
DLOR 69.77 %
RN 30.23 %



Luminaria

Código 3800/028

Nombre TRIBECA

Ensayo

Código CL178A20F001G.E3

Nombre TRIBECA

Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	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	63	63	63	63	63	63	63
G 2.5	63	63	63	63	63	63	63
G 5.0	63	63	63	63	63	63	63
G 7.5	63	63	63	63	63	63	63
G 10.0	63	63	63	63	63	63	63
G 12.5	63	63	63	63	63	63	63
G 15.0	63	63	63	63	63	63	63
G 17.5	63	63	63	63	63	63	63
G 20.0	63	63	63	63	63	63	63
G 22.5	63	63	63	63	63	63	63
G 25.0	63	63	63	63	63	63	63
G 27.5	63	63	63	63	63	63	63
G 30.0	63	63	63	63	63	63	63
G 32.5	63	63	63	63	63	63	63
G 35.0	63	63	63	63	63	63	63
G 37.5	63	63	63	63	63	63	63
G 40.0	63	63	63	63	63	63	63
G 42.5	63	63	63	63	63	63	63
G 45.0	63	63	63	63	63	63	63
G 47.5	63	63	63	63	63	63	63
G 50.0	63	63	63	63	63	63	63
G 52.5	63	63	62	62	62	62	63
G 55.0	62	62	62	62	62	62	63
G 57.5	62	62	62	62	62	62	62
G 60.0	62	62	61	61	61	62	62
G 62.5	61	61	61	61	61	61	61
G 65.0	61	61	61	60	60	61	61
G 67.5	60	60	60	60	60	60	60
G 70.0	60	60	59	59	59	59	59
G 72.5	59	59	59	58	58	59	58
G 75.0	58	58	58	58	58	58	58
G 77.5	57	57	57	57	57	57	57
G 80.0	57	57	57	56	56	56	56
G 82.5	56	56	56	55	55	55	55
G 85.0	55	55	55	54	54	54	54
G 87.5	54	54	54	53	53	53	52
G 90.0	53	53	52	52	51	52	51
G 92.5	51	52	51	51	50	51	49
G 95.0	50	51	50	50	49	49	48
G 97.5	49	49	49	49	47	48	46
G100.0	47	48	47	47	46	46	44
G102.5	46	46	46	45	44	44	42
G105.0	44	44	44	44	42	41	40
G107.5	42	42	42	42	40	39	37
G110.0	39	39	39	39	37	36	34
G112.5	37	37	37	37	35	33	32
G115.0	35	34	35	35	32	31	29
G117.5	32	31	32	32	30	28	26
G120.0	27	28	29	29	27	25	23
G122.5	22	25	26	26	24	21	20
G125.0	16	21	23	24	21	18	16
G127.5	10	18	20	21	19	16	13
G130.0	7	15	18	18	16	13	9
G132.5	6	12	15	15	14	11	8
G135.0	5	10	13	13	11	9	7
G137.5	4	8	11	11	9	8	7
G140.0	3	7	9	8	8	6	6
G142.5	2	5	7	7	7	5	5
G145.0	2	4	6	6	6	4	5
G147.5	1	3	5	5	5	4	4
G150.0	1	2	4	4	4	3	4
G152.5	1	2	4	3	4	3	3
G155.0	1	2	3	3	3	2	3
G157.5	1	1	2	2	3	2	2
G160.0	1	1	2	2	2	2	2
G162.5	1	1	1	1	2	1	2
G165.0	1	1	1	1	1	1	1
G167.5	1	1	1	1	1	1	1
G170.0	1	1	1	1	1	1	1
G172.5	1	1	1	1	1	1	1
G175.0	1	1	1	1	1	1	1
G177.5	1	1	1	1	1	1	1
G180.0	2	2	2	2	2	2	2

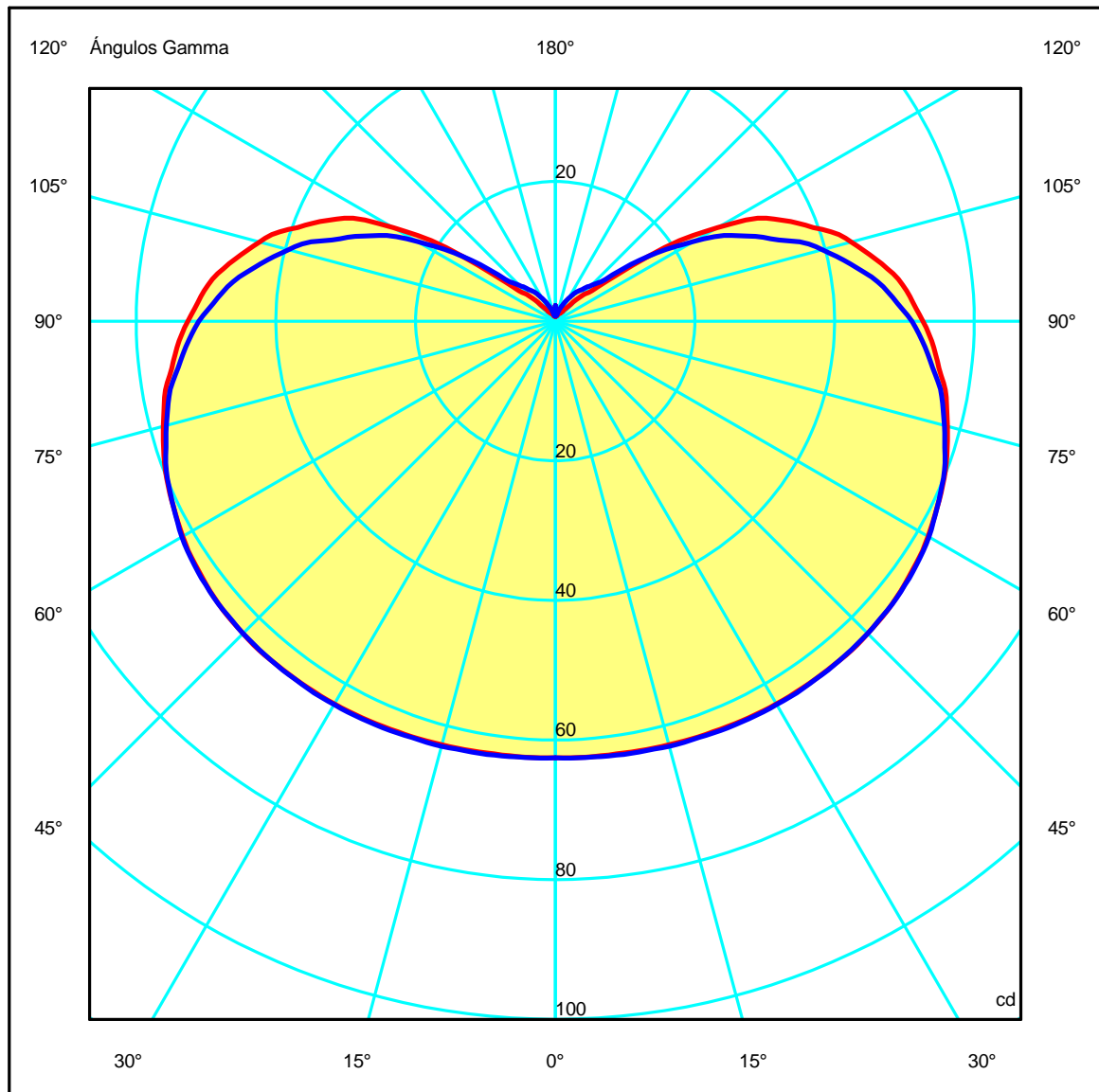
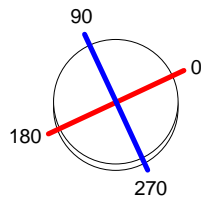
Luminaria
Código 3800/028
Nombre TRIBECA
Ensayo
Código CL178A20F001G.E3
Nombre TRIBECA

Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	CG	Bisimétrico

Diam=180mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaria

Código 3800/028

Nombre TRIBECA

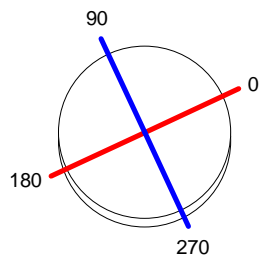
Ensayo

Código CL178A20F001G.E3

Nombre TRIBECA

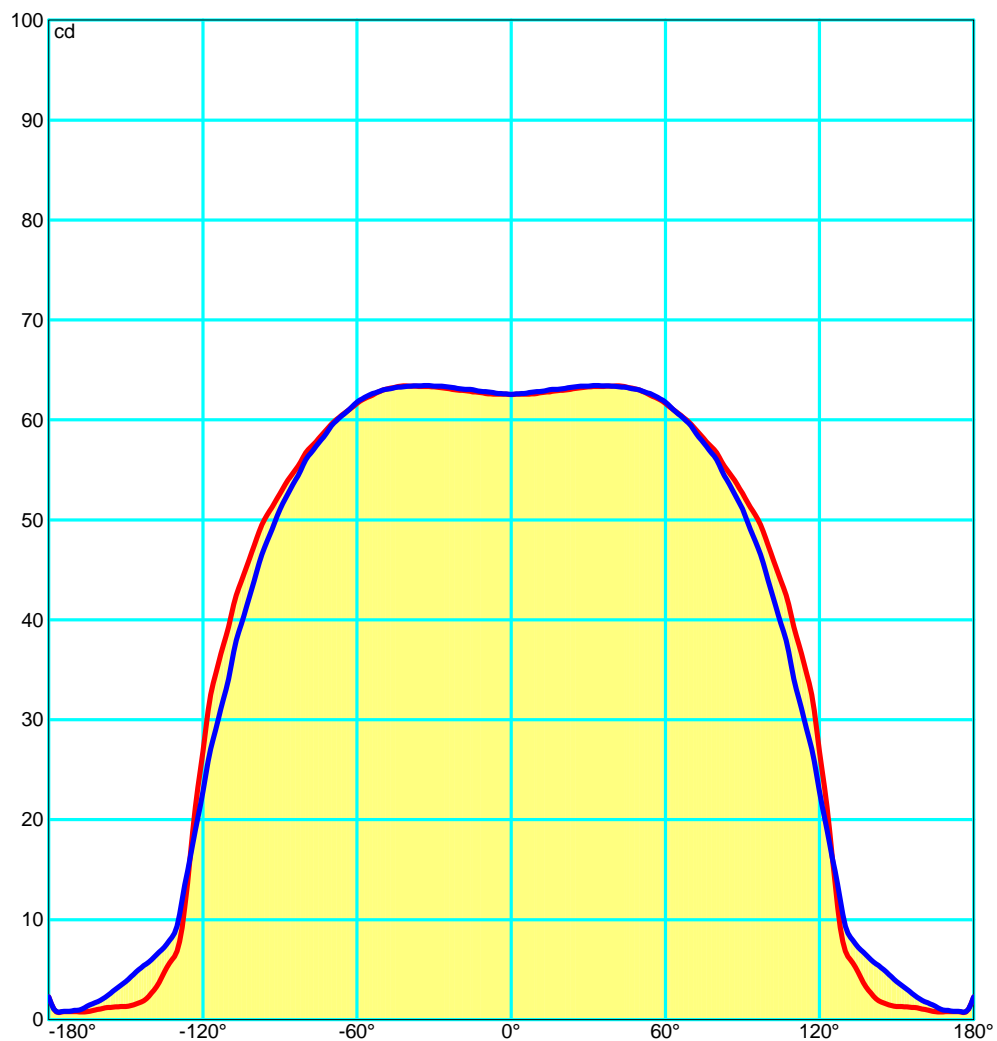
Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	CG	Bisimétrico

Diam=180mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaria

Código 3800/028

Nombre TRIBECA

Ensayo

Código CL178A20F001G.E3

Nombre TRIBECA

Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	CG Bisimétrico	

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	10.0	11.1	10.6	11.8	12.7	9.9	11.1	10.6	11.8	12.7
x=2H y=3H	12.3	13.4	13.0	14.1	15.0	12.3	13.3	13.0	14.1	15.0
x=2H y=4H	13.5	14.5	14.2	15.2	16.1	13.5	14.5	14.2	15.2	16.1
x=2H y=6H	14.7	15.6	15.4	16.4	17.3	14.6	15.6	15.4	16.3	17.3
x=2H y=8H	15.2	16.1	16.0	16.9	17.8	15.2	16.1	15.9	16.9	17.8
x=2H y=12H	15.8	16.7	16.5	17.4	18.4	15.7	16.6	16.5	17.4	18.3
x=4H y=2H	10.8	11.8	11.6	12.6	13.5	10.8	11.8	11.5	12.6	13.5
x=4H y=3H	13.3	14.2	14.1	15.0	15.9	13.3	14.2	14.1	15.0	15.9
x=4H y=4H	14.7	15.5	15.5	16.3	17.2	14.6	15.4	15.4	16.2	17.2
x=4H y=6H	16.0	16.7	16.8	17.5	18.5	16.0	16.7	16.8	17.5	18.5
x=4H y=8H	16.7	17.3	17.5	18.2	19.2	16.6	17.3	17.4	18.1	19.1
x=4H y=12H	17.3	17.9	18.1	18.7	19.8	17.2	17.8	18.1	18.7	19.7
x=8H y=4H	15.2	15.9	16.0	16.7	17.7	15.2	15.9	16.0	16.7	17.7
x=8H y=6H	16.8	17.3	17.6	18.2	19.2	16.7	17.3	17.6	18.1	19.2
x=8H y=8H	17.6	18.1	18.4	19.0	20.0	17.5	18.0	18.4	18.9	20.0
x=8H y=12H	18.4	18.8	19.3	19.7	20.8	18.3	18.8	19.2	19.6	20.7
x=12H y=4H	15.3	15.9	16.1	16.8	17.8	15.3	15.9	16.1	16.8	17.8
x=12H y=6H	17.0	17.5	17.8	18.3	19.4	16.9	17.4	17.8	18.3	19.4
x=12H y=8H	17.9	18.3	18.7	19.2	20.3	17.8	18.3	18.7	19.1	20.2

Luminaria

Código 3800/028

Nombre TRIBECA

Ensayo

Código CL178A20F001G.E3

Nombre TRIBECA

Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	CG Bisimétrico	

Flujo Total=541.30 Flujo Luminaria=541.30

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	0.17	0.23	0.28	0.34	0.39	0.48	0.54	0.59	0.65	0.70	0.81	0.89
RC	9	9	9	9	9	9	9	9	9	9	9	8

Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	11	44	98	171	262	365	475	588	698	798	881	941	976	991	997	999	1000	1000

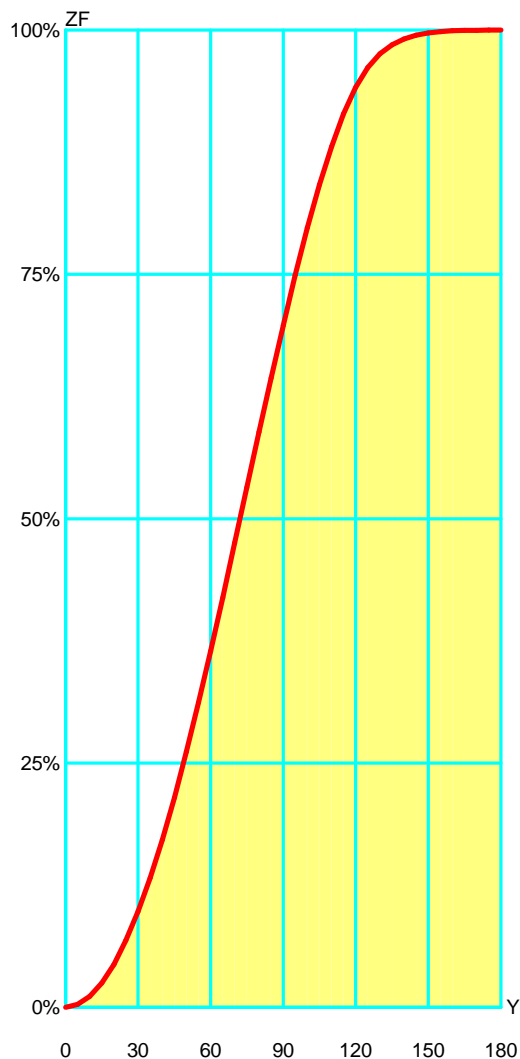
Códigos de Flujo C.I.E.

26 52 77 70 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

9/9/9/9/9/9/9/9/9/8
B11
0.70 J + 0.30 T
BZ 8 / 0.8 / BZ 7 / 1 / BZ 8 / 2.5 / BZ 7
30.22749 %
1.0

LOR 100.00000 %
ULOR 30.22749 %
DLOR 69.77251 %
UFF 30.22749 %
DFF 69.77251 %
FFR 43.32293 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	2.76	2.76	0.28 %	0.28 %
10°	8.28	11.05	0.83 %	1.10 %
15°	13.76	24.81	1.38 %	2.48 %
20°	19.17	43.98	1.92 %	4.40 %
25°	24.45	68.42	2.44 %	6.84 %
30°	29.55	97.97	2.96 %	9.80 %
35°	34.42	132.39	3.44 %	13.24 %
40°	38.98	171.38	3.90 %	17.14 %
45°	43.19	214.56	4.32 %	21.46 %
50°	46.95	261.51	4.69 %	26.15 %
55°	50.19	311.70	5.02 %	31.17 %
60°	52.83	364.53	5.28 %	36.45 %
65°	54.78	419.31	5.48 %	41.93 %
70°	56.07	475.38	5.61 %	47.54 %
75°	56.62	532.00	5.66 %	53.20 %
80°	56.45	588.45	5.65 %	58.84 %
85°	55.49	643.94	5.55 %	64.39 %
90°	53.79	697.73	5.38 %	69.77 %
95°	51.45	749.17	5.14 %	74.92 %
100°	48.37	797.55	4.84 %	79.75 %
105°	44.16	841.71	4.42 %	84.17 %
110°	39.11	880.81	3.91 %	88.08 %
115°	33.30	914.11	3.33 %	91.41 %
120°	27.12	941.23	2.71 %	94.12 %
125°	20.40	961.63	2.04 %	96.16 %
130°	14.16	975.79	1.42 %	97.58 %
135°	9.30	985.08	0.93 %	98.51 %
140°	5.92	991.01	0.59 %	99.10 %
145°	3.70	994.71	0.37 %	99.47 %
150°	2.31	997.02	0.23 %	99.70 %
155°	1.40	998.42	0.14 %	99.84 %
160°	0.80	999.22	0.08 %	99.92 %
165°	0.42	999.64	0.04 %	99.96 %
170°	0.21	999.84	0.02 %	99.98 %
175°	0.11	999.95	0.01 %	100.00 %
180°	0.05	1000.00	0.00 %	100.00 %

Luminaria
Código 3800/028
Nombre TRIBECA
Ensayo
Código CL178A20F001G.E3
Nombre TRIBECA

Flujo Luminaria	541.30 lm	Potencia luminaria	9.06 W	Eficacia	59.75 lm/W	Eficiencia	100.00%
Flujo Fuentes	541.30 lm	Valor Máximo	63.45 cd	Posición	C=90.00 G=32.50	CG	Bisimétrico

Isolux (Suelo)

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

