

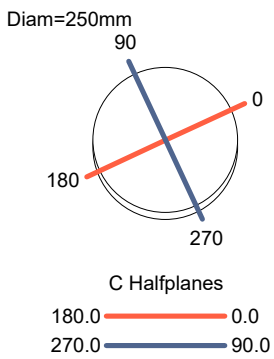
**Luminaria**

Código 10401215135  
Nombre VALENTINA S/24  
**Ensayo**  
Código CL092A20F012G  
Nombre VALENTINA S/24

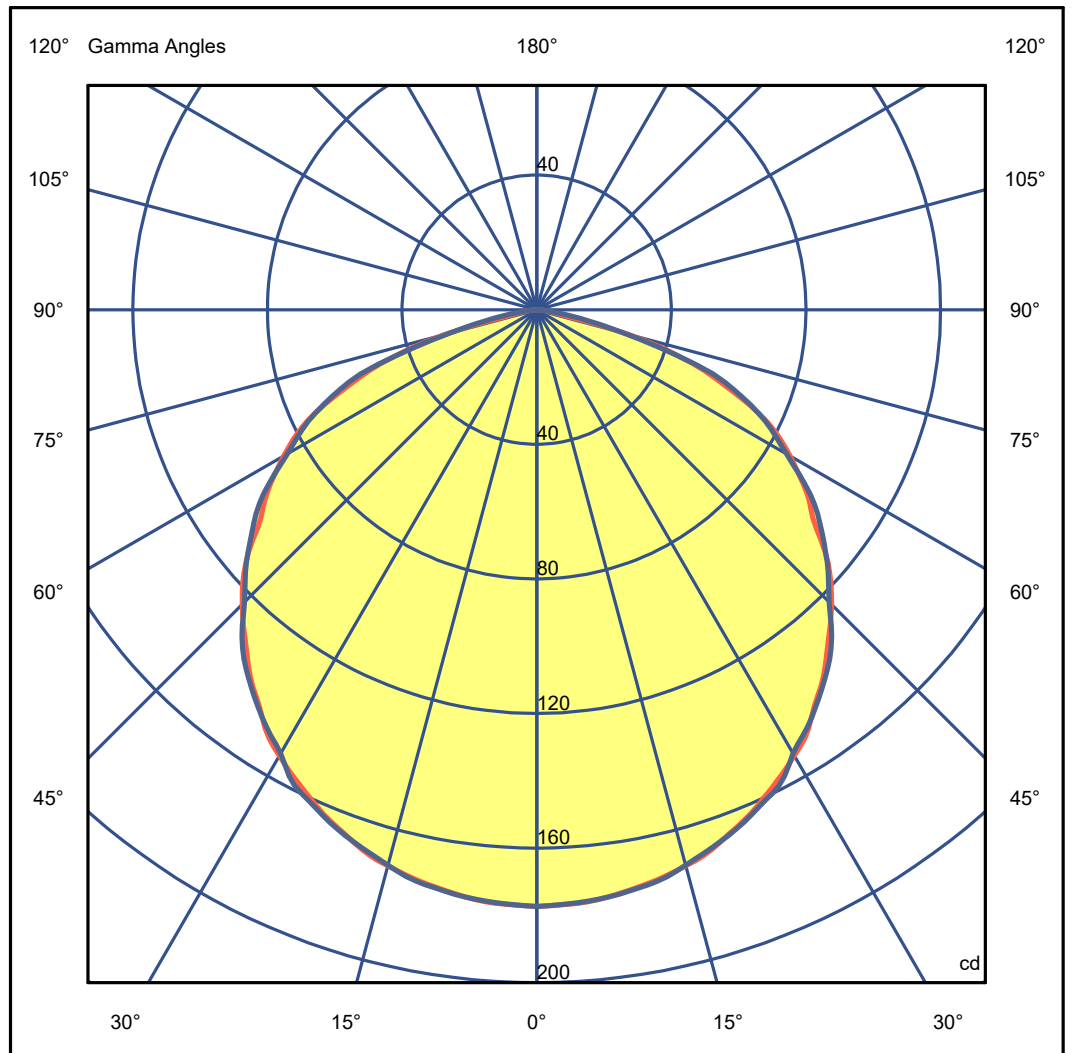
Flujo Luminaria	509.99 lm	Potencia Luminaria	7.61 W	Eficacia	67.03 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	509.99 lm	Valor Máximo	177.28 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda Área Luminosa Redonda	Diam. 250 mm Diam. 100 mm	Altura 45 mm Altura 0 mm					
Área Luminosa Horizontal Área Emisión sobre Pl. 0° Área Emisión sobre Pl. 90°	0.007854 m2 0.000000 m2 0.000000 m2	Área Emisión sobre Pl. 180° Área Emisión sobre Pl. 270° Área de deslumbramiento a 76°	0.000000 m2 0.000000 m2 0.001900 m2				
Sist. de Coorden. Fecha Distancia de Ensayo	CG 11-11-2020 6.44	Tipo de Simetría Máximo Ángulo Gamma Flujo de Ensayo	Bisimétrico 90 509.99 lm				
Operador Temperatura Humedad Notas	Asselum T2 25.40 °C 41.90 % RM20101406	Tensión Nominal Corriente Nominal Fotocélula	230.21 V 0.04 A Prc				

**Fuentes de luz de la Luminaria**

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	NF2W757GTR-V3	NICHIA 3030	509.99	7.61	1
C.I.E.	48 81 98 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 4		



ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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**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	177.28	177.28	177.28	177.28	177.28	177.28	177.28
G 2.5	176.98	177.04	177.13	177.15	177.08	176.96	176.90
G 5.0	176.57	176.60	176.65	176.65	176.54	176.40	176.33
G 7.5	175.52	175.44	175.51	175.65	175.65	175.62	175.59
G 10.0	174.13	174.20	174.37	174.52	174.55	174.52	174.49
G 12.5	172.77	172.75	172.83	172.96	173.08	173.17	173.21
G 15.0	171.04	171.04	171.12	171.15	171.07	170.95	170.88
G 17.5	169.10	168.90	168.86	168.95	168.83	168.67	168.60
G 20.0	166.06	165.97	166.22	166.60	166.57	166.60	166.30
G 22.5	163.31	162.99	163.04	163.37	163.52	163.62	163.66
G 25.0	159.85	159.83	160.06	160.38	160.62	160.76	160.80
G 27.5	156.53	156.41	156.51	156.81	157.25	157.66	157.83
G 30.0	153.01	153.05	153.24	153.27	152.95	152.51	152.28
G 32.5	149.26	148.88	148.83	149.01	148.81	148.55	148.42
G 35.0	143.81	143.64	144.09	144.74	144.74	144.48	144.32
G 37.5	139.33	138.81	138.89	139.42	139.70	139.88	139.95
G 40.0	133.94	134.02	134.59	135.17	135.42	135.41	135.37
G 42.5	128.85	128.77	128.99	129.30	129.53	129.65	129.69
G 45.0	123.85	123.89	124.13	124.15	123.72	123.12	122.83
G 47.5	118.34	117.79	117.76	118.06	117.91	117.66	117.54
G 50.0	111.79	111.41	111.80	112.51	112.48	112.19	112.01
G 52.5	103.92	104.10	104.77	105.53	106.06	106.33	106.41
G 55.0	98.77	98.47	98.54	98.97	99.69	100.39	100.71
G 57.5	92.88	92.72	92.89	93.14	93.29	93.35	93.36
G 60.0	86.85	86.82	87.03	87.04	86.57	85.94	85.63
G 62.5	80.68	79.69	79.22	79.10	79.16	79.29	79.36
G 65.0	72.88	71.30	70.10	69.68	70.65	72.00	72.68
G 67.5	62.54	60.39	58.73	58.10	59.94	62.43	64.64
G 70.0	53.15	49.06	45.31	43.34	47.28	52.86	55.69
G 72.5	41.84	36.79	31.98	29.08	32.51	37.94	40.78
G 75.0	28.23	22.67	17.37	14.25	17.99	23.95	27.06
G 77.5	11.06	9.13	7.71	7.54	11.07	15.32	17.38
G 80.0	5.48	4.64	4.16	4.40	6.56	9.06	10.27
G 82.5	3.16	3.11	3.11	3.25	3.98	4.77	5.14
G 85.0	2.13	2.07	2.05	2.12	2.30	2.50	2.59
G 87.5	1.06	1.03	1.02	1.07	1.19	1.32	1.37
G 90.0	0.52	0.53	0.54	0.56	0.62	0.69	0.71

**Luminaria**

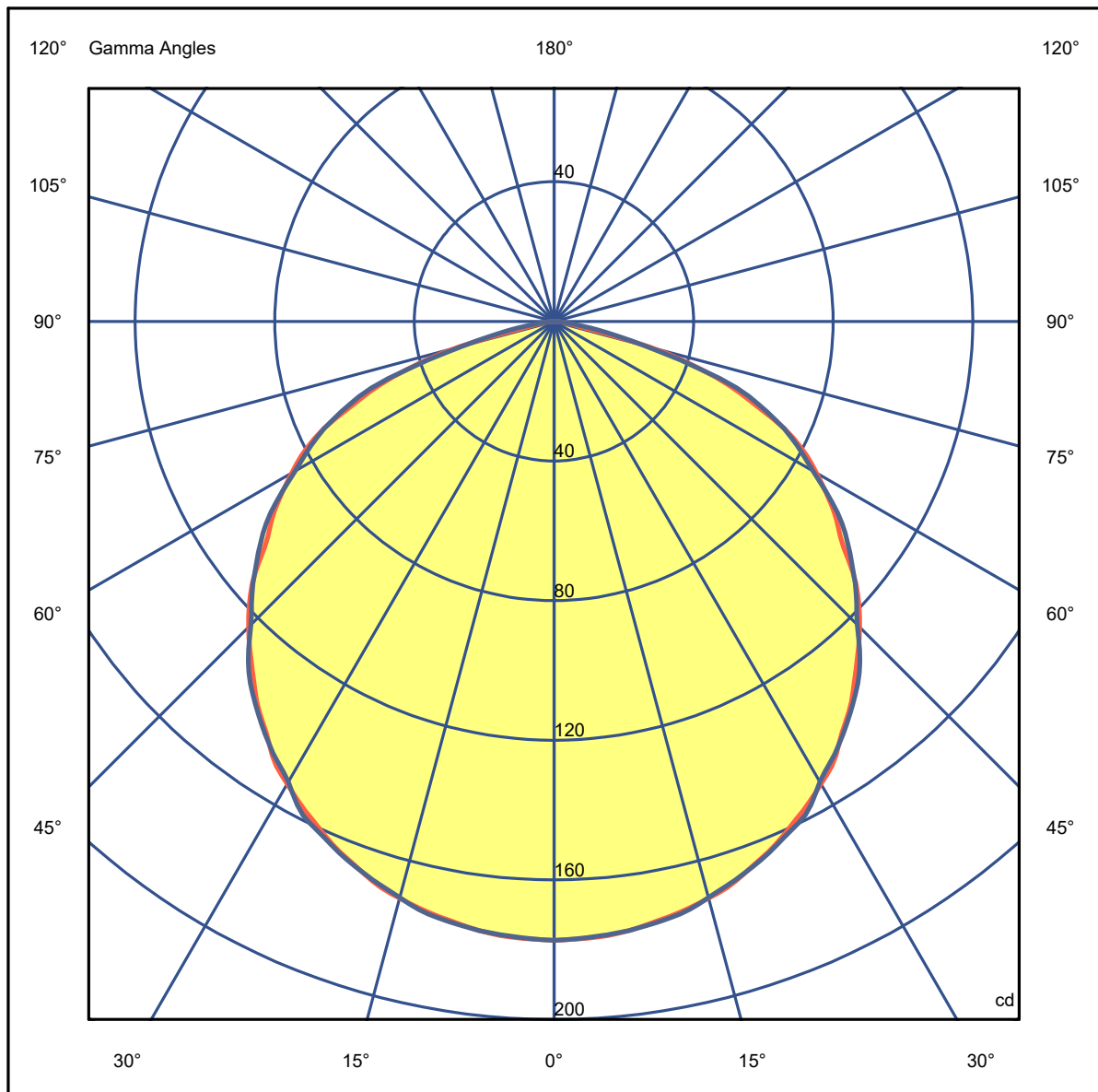
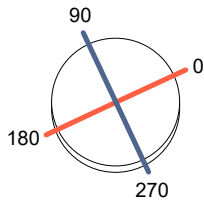
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Flujo Fuentes de luz	509.99 lm	Valor Máximo	177.28 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=250mm

C Halfplanes

180.0 ———— 0.0  
270.0 ———— 90.0

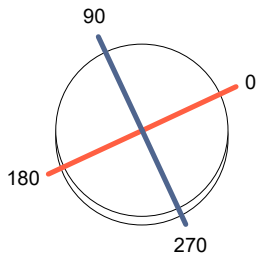


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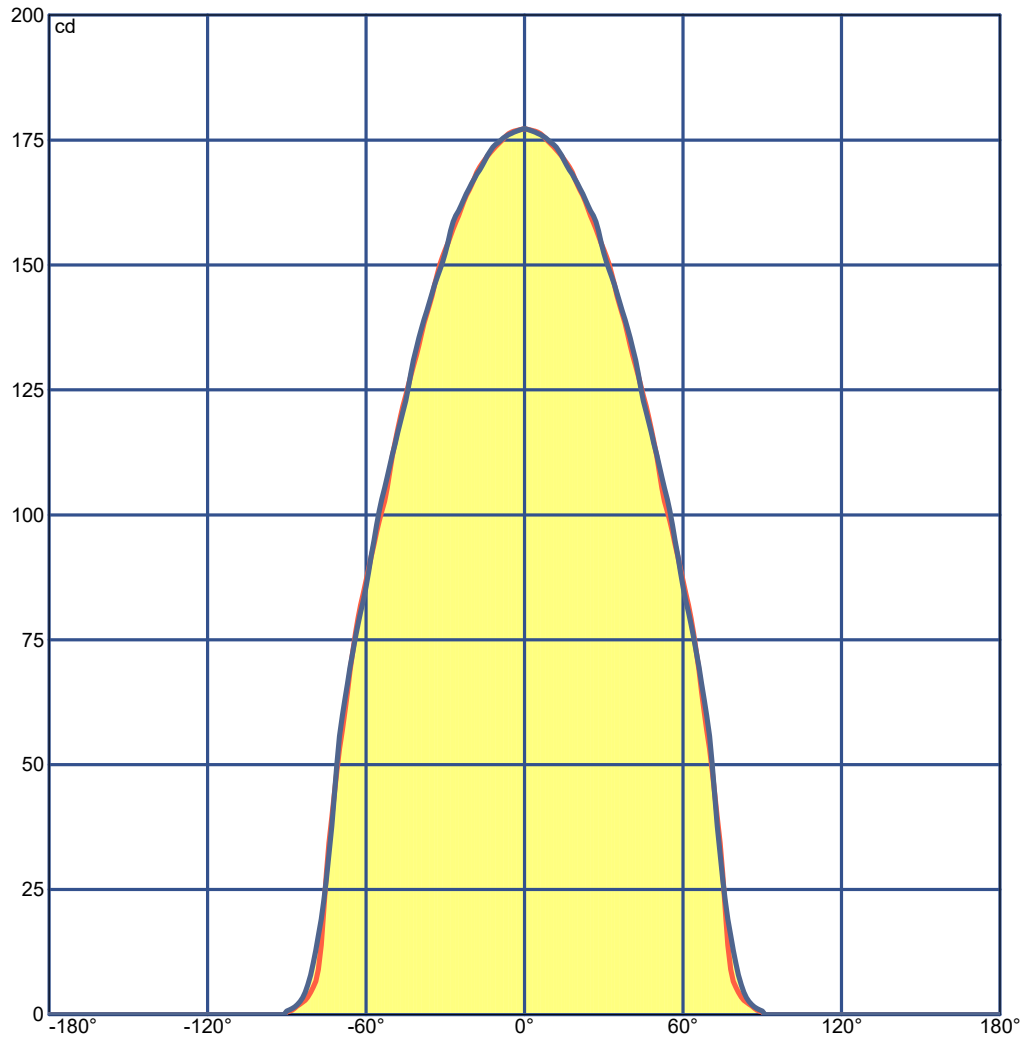
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Diam=250mm



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**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 Local						Vista Longitudinal					
	Mista Lateral										
x=2H y=2H	23.7	25.0	24.0	25.2	25.5	23.7	25.0	24.0	25.3	25.5	
x=2H y=3H	25.2	26.4	25.6	26.7	26.9	25.3	26.5	25.7	26.8	27.1	
x=2H y=4H	25.6	26.7	25.9	27.0	27.3	25.7	26.8	26.0	27.1	27.4	
x=2H y=6H	25.6	26.6	25.9	26.9	27.2	25.8	26.8	26.1	27.1	27.4	
x=2H y=8H	25.6	26.5	25.9	26.9	27.2	25.8	26.8	26.1	27.1	27.4	
x=2H y=12H	25.5	26.5	25.9	26.8	27.1	25.7	26.7	26.1	27.0	27.4	
x=4H y=2H	24.4	25.5	24.7	25.8	26.1	24.4	25.5	24.7	25.8	26.1	
x=4H y=3H	26.0	26.9	26.3	27.2	27.6	26.1	27.0	26.4	27.3	27.7	
x=4H y=4H	26.3	27.2	26.7	27.5	27.9	26.4	27.3	26.8	27.6	28.0	
x=4H y=6H	26.3	27.1	26.8	27.4	27.8	26.6	27.3	27.0	27.7	28.1	
x=4H y=8H	26.3	27.0	26.8	27.4	27.8	26.6	27.2	27.0	27.6	28.1	
x=4H y=12H	26.3	26.9	26.7	27.3	27.7	26.6	27.2	27.0	27.6	28.0	
x=8H y=4H	26.4	27.0	26.8	27.4	27.8	26.5	27.1	26.9	27.5	27.9	
x=8H y=6H	26.4	26.9	26.8	27.4	27.8	26.6	27.2	27.1	27.6	28.0	
x=8H y=8H	26.4	26.8	26.9	27.3	27.8	26.7	27.1	27.1	27.6	28.0	
x=8H y=12H	26.4	26.8	26.9	27.2	27.7	26.6	27.0	27.1	27.5	28.0	
x=12H y=4H	26.5	27.0	26.9	27.5	27.9	26.5	27.1	26.9	27.5	27.9	
x=12H y=6H	26.5	26.9	27.0	27.4	27.9	26.6	27.1	27.1	27.5	28.0	
x=12H y=8H	26.5	26.9	27.0	27.3	27.8	26.7	27.1	27.2	27.5	28.0	

**Luminaria**

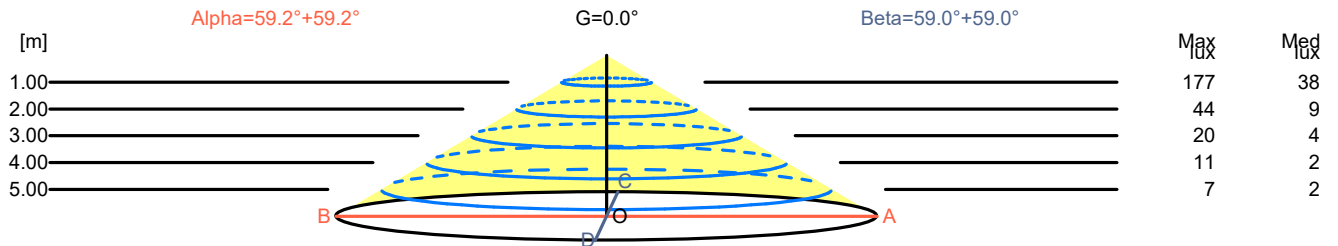
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Apertura a 50.00 % de Max Intensidad

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	1.68	3.36	5.04	6.72	8.40	OC	1.66	3.33	4.99	6.65	8.32
OB	1.68	3.36	5.04	6.72	8.40	OD	1.66	3.33	4.99	6.65	8.32

	Intensidades Luminosas [ cd ]									
	0	5	15	25	35	45	55	65	75	85
OA	177.28	176.57	171.04	159.85	143.81	123.85	98.77	72.88	28.23	2.13
OB	177.28	176.57	171.04	159.85	143.81	123.85	98.77	72.88	28.23	2.13
OC	177.28	176.33	170.88	160.80	144.32	122.83	100.71	72.68	27.06	2.59
OD	177.28	176.33	170.88	160.80	144.32	122.83	100.71	72.68	27.06	2.59



H[m]	D[m]	Max lux	Med lux	Alpha=59.2°+59.2°	G=0.0
1.00	3.36	177	38		
2.00	6.72	44	9		
3.00	10.09	20	4		
4.00	13.45	11	2		
5.00	16.81	7	2		

H[m]	D[m]	Max lux	Med lux	Beta=59.0°+59.0°	G=0.0
1.00	3.33	177	38		
2.00	6.65	44	9		
3.00	9.98	20	4		
4.00	13.31	11	2		
5.00	16.63	7	2		

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Total Flux=509.99 Luminaire Flux=509.99

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	0.31	0.39	0.47	0.55	0.61	0.70	0.75	0.80	0.85	0.88	0.94	0.97
RC	5	5	5	5	5	4	4	4	4	4	3	3

Zonal Flux per 1000 Lumen

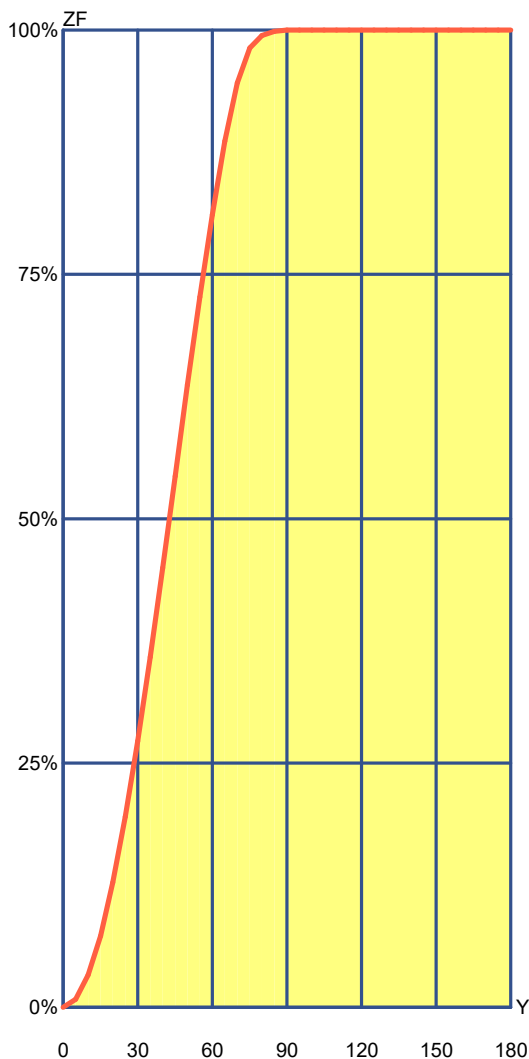
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	33	128	273	450	637	811	946	994	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

48 81 98 100 100

C.I.E. 5/5/5/5/5/4/4/4/4/3/3  
D DIN 5040 A30  
F UTE 1.00 E  
B NBN BZ 4  
RN 0.00000 %  
BLF 1.0

LOR 100.00000 %  
ULOR 0.00000 %  
DLOR 100.00000 %  
UFF 0.00000 %  
DFF 100.00000 %  
FFR 0.00000 %



Gamma °	Zonal Flux			
	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	8.29	8.29	0.83 %	0.83 %
10°	24.61	32.90	2.46 %	3.29 %
15°	40.19	73.09	4.02 %	7.31 %
20°	54.52	127.61	5.45 %	12.76 %
25°	67.15	194.76	6.71 %	19.48 %
30°	77.78	272.54	7.78 %	27.25 %
35°	85.84	358.38	8.58 %	35.84 %
40°	91.22	449.60	9.12 %	44.96 %
45°	93.82	543.42	9.38 %	54.34 %
50°	93.36	636.78	9.34 %	63.68 %
55°	89.91	726.69	8.99 %	72.67 %
60°	84.28	810.97	8.43 %	81.10 %
65°	75.40	886.37	7.54 %	88.64 %
70°	59.74	946.11	5.97 %	94.61 %
75°	35.63	981.74	3.56 %	98.17 %
80°	12.68	994.42	1.27 %	99.44 %
85°	4.21	998.63	0.42 %	99.86 %
90°	1.37	1000.00	0.14 %	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 %

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Isolux (Suelo)

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

