Luminaria
Código AC357030
Nombre SKYBELL INDIRECTA 2700K
Ensayo
Código CL092A19F005G
Nombre SKYBELL INDIRECTA 2700K

Flujo Luminaria	155.01 lm	Potencia luminaria	3.34 W	Eficacia	46.40 lm/W	Eficiencia	100.00%
Flujo Fuentes	155.01 lm	Valor Máximo	62.37 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Luminaria Rectangular	Longit.	205 mm	Anchura	30 mm	Altura	45 mm
Área Luminosa Rectangular	Longit.	200 mm	Anchura	23 mm	Altura	0 mm

Área Luminosa Horizontal	0.004600 m2	Área Emisión sobre Pl. 180°	0.000000 m2
Área Emisión sobre Pl. 0°	0.000000 m2	Área Emisión sobre Pl. 270°	0.000000 m2
Área Emisión sobre Pl. 90°	0.000000 m2	Área de deslumbramiento a 76°	0.001113 m2

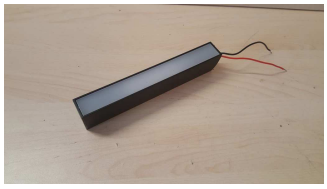
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	23-07-2019	Máximo Ángulo Gamma	90
Distancia de Ensayo	6.44	Flujo de Ensayo	155.01 lm

Operador	Asselum T2	Tensión Nominal	3.18 V
Temperatura	24.70 °C	Corriente Nominal	1.05 A
Humedad	50.80 %	Fotocélula	Prc
Notas	RM19072302		

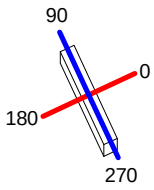
Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	LED	LED	155.01	3.34	1

C.I.E.	51 82 97 100 100	D DIN 5040	A40
F UTE	1.00 D	B NBN	BZ 4



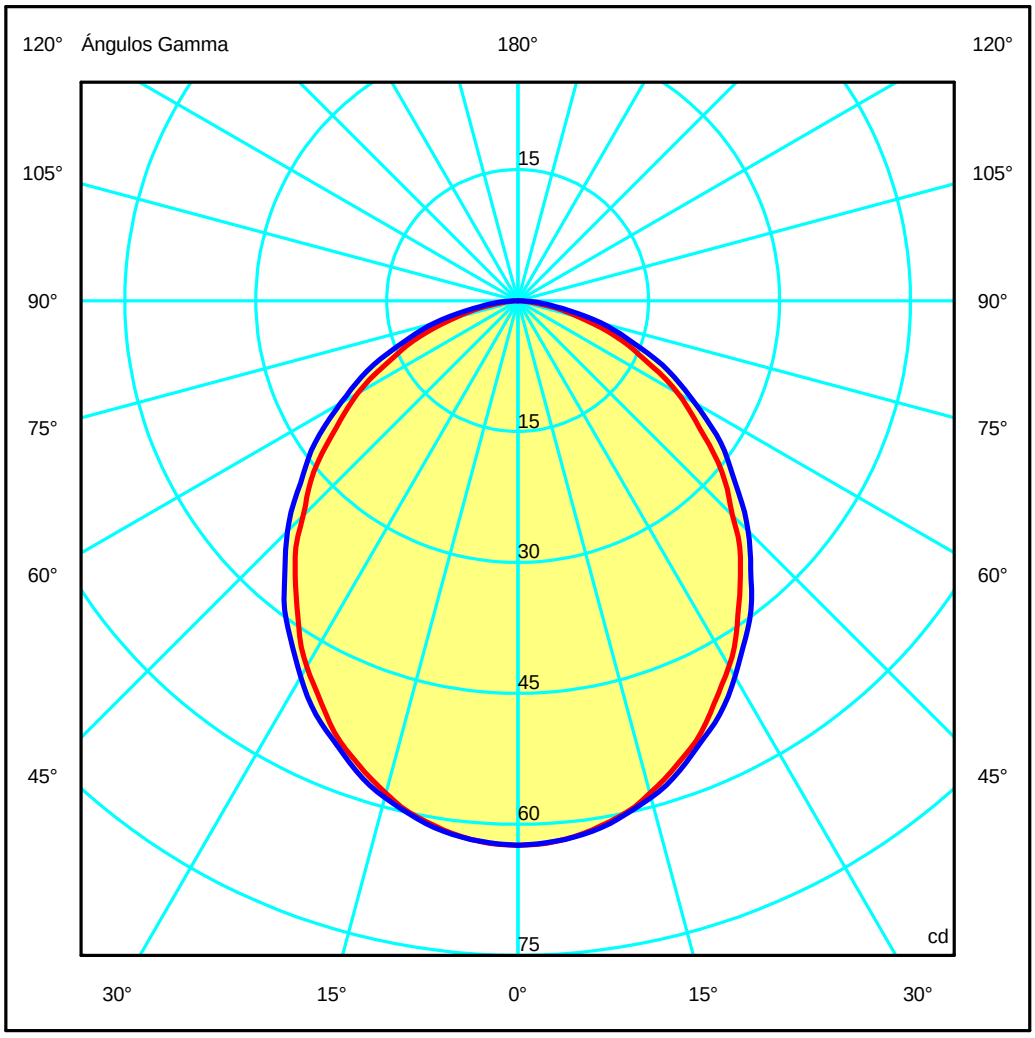
205mm x 30mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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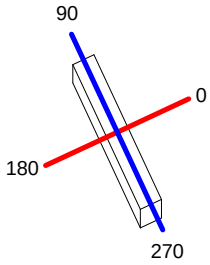
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	62	62	62	62	62	62	62
G 2.5	62	62	62	62	62	62	62
G 5.0	62	62	62	62	62	62	62
G 7.5	61	61	61	61	61	61	61
G 10.0	61	60	61	61	61	61	61
G 12.5	60	60	60	60	60	60	60
G 15.0	58	58	59	59	59	59	59
G 17.5	57	57	57	57	57	58	58
G 20.0	56	56	56	56	56	56	56
G 22.5	54	54	54	54	55	55	55
G 25.0	52	52	52	53	53	53	53
G 27.5	50	50	51	51	51	51	52
G 30.0	48	48	49	49	49	50	50
G 32.5	46	46	46	47	48	48	48
G 35.0	44	44	45	45	45	46	46
G 37.5	42	42	42	43	43	44	44
G 40.0	40	40	40	41	41	42	42
G 42.5	38	37	38	38	39	39	39
G 45.0	35	35	36	36	36	37	37
G 47.5	33	33	33	34	34	35	35
G 50.0	31	30	31	32	32	33	33
G 52.5	28	28	29	29	30	30	30
G 55.0	25	26	26	27	27	28	28
G 57.5	23	24	24	25	25	26	26
G 60.0	21	21	22	22	23	24	23
G 62.5	19	19	19	20	21	21	21
G 65.0	16	16	17	18	18	19	19
G 67.5	14	14	15	15	16	16	17
G 70.0	12	12	12	13	14	14	14
G 72.5	10	10	10	11	11	12	12
G 75.0	7	7	8	8	9	9	10
G 77.5	5	5	6	6	7	7	7
G 80.0	4	4	4	4	5	5	5
G 82.5	2	2	2	3	3	3	4
G 85.0	1	1	1	1	1	2	2
G 87.5	0	0	0	0	0	1	1
G 90.0	0	0	0	0	0	0	0

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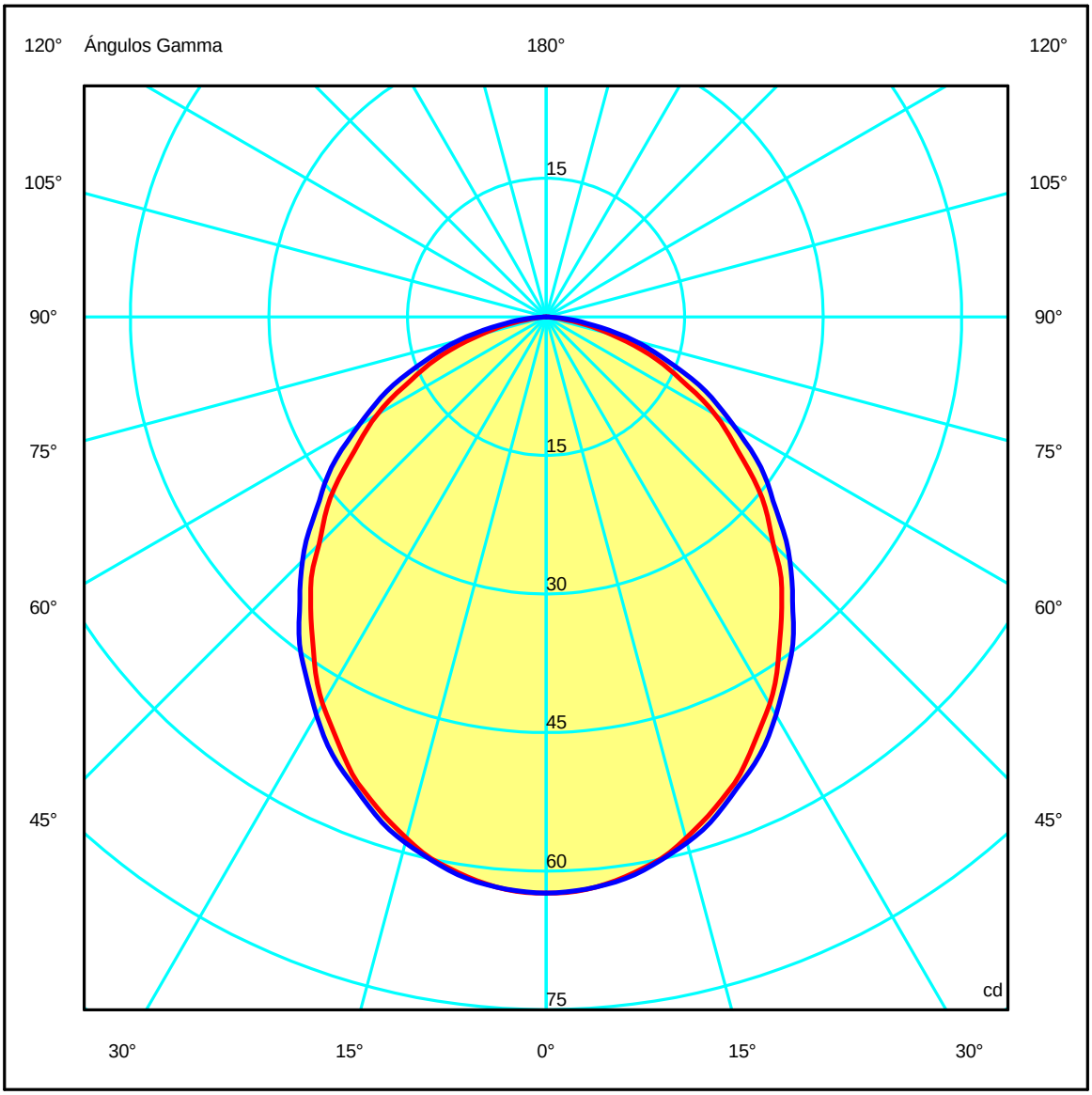
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Flujo Fuentes	155.01 lm	Valor Máximo	62.37 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

205mm x 30mm



Semiplanos C

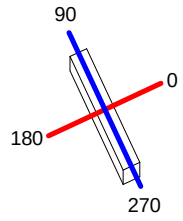




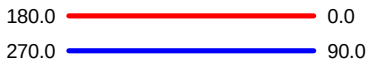
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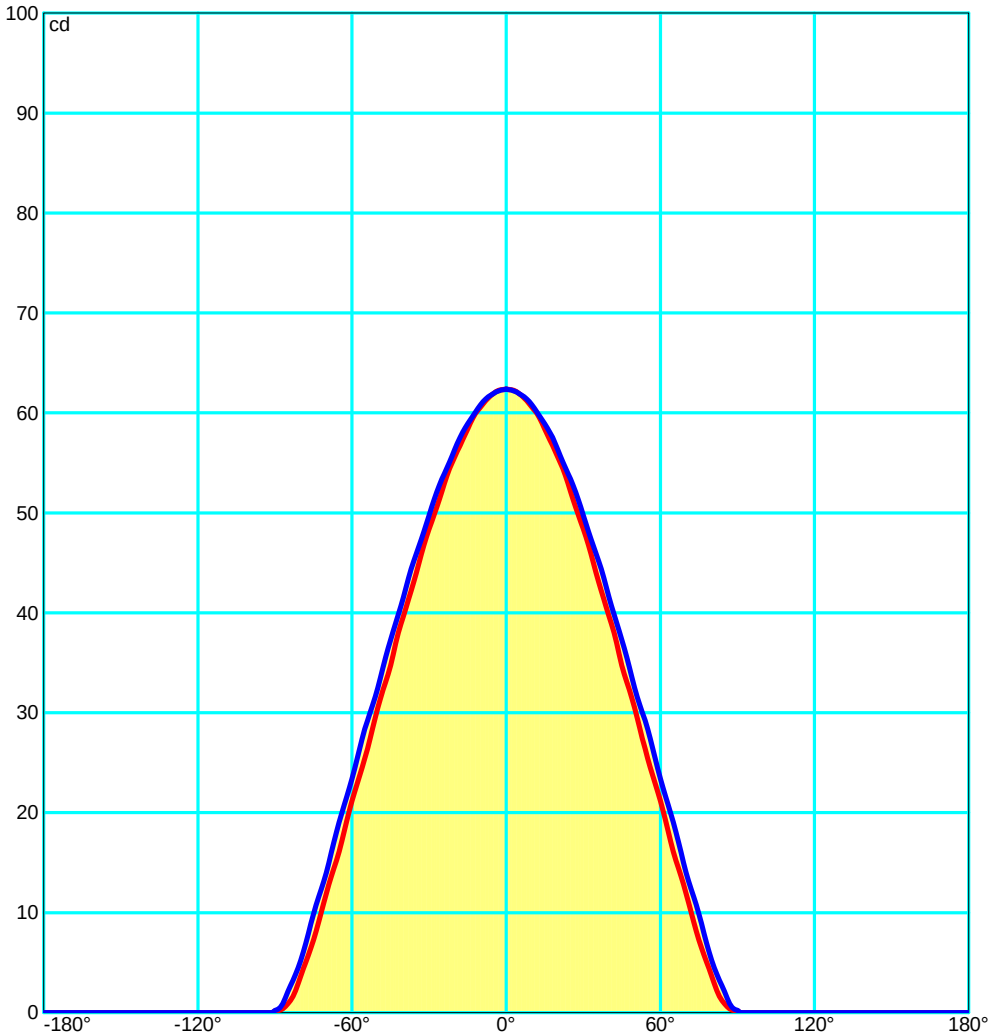
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Flujo Fuentes	155.01 lm	Valor Máximo	62.37 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

205mm x 30mm



Semiplanos C





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Flujo Fuentes	155.01 lm	Valor Máximo	62.37 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=155.01 Flujo Luminaria=155.01

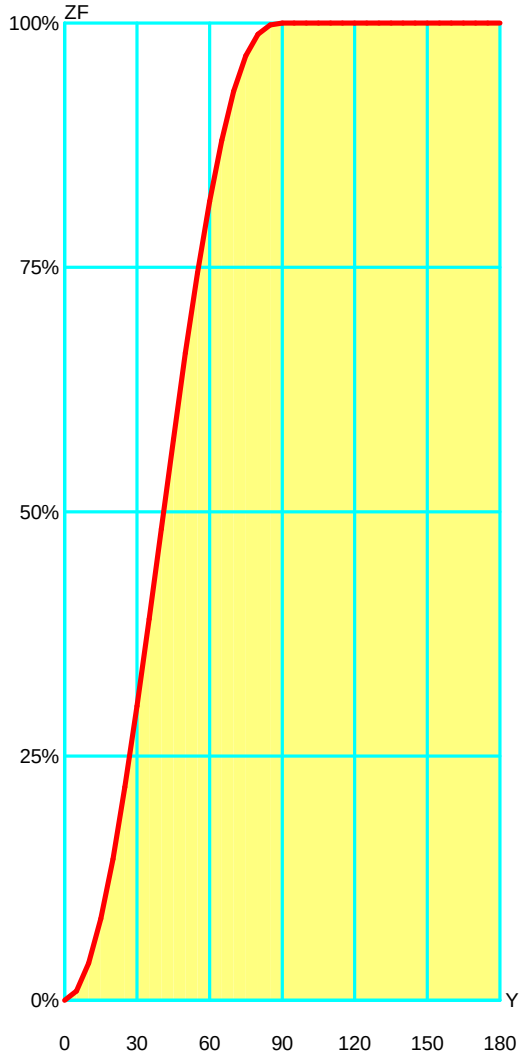
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.33	0.42	0.49	0.56	0.62	0.70	0.76	0.80	0.85	0.88	0.94	0.97
RC	5	5	4	4	4	4	4	4	4	4	4	3

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)	38	144	301	482	662	818	930	989	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
51 82 97 100 100

C.I.E.	5/5/4/4/4/4/4/4/4/4/3	LOR	100.00000 %
D DIN 5040	A40	ULOR	0.00000 %
F UTE	1.00 D	DLOR	100.00000 %
B NBN	BZ 4	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.59	9.59	0.96 %	0.96 %
10°	28.29	37.88	2.83 %	3.79 %
15°	45.67	83.55	4.57 %	8.35 %
20°	60.93	144.48	6.09 %	14.45 %
25°	73.53	218.01	7.35 %	21.80 %
30°	82.98	300.99	8.30 %	30.10 %
35°	89.21	390.20	8.92 %	39.02 %
40°	92.01	482.21	9.20 %	48.22 %
45°	91.72	573.94	9.17 %	57.39 %
50°	88.21	662.15	8.82 %	66.22 %
55°	82.10	744.25	8.21 %	74.43 %
60°	73.40	817.65	7.34 %	81.77 %
65°	62.61	880.26	6.26 %	88.03 %
70°	50.00	930.26	5.00 %	93.03 %
75°	36.23	966.49	3.62 %	96.65 %
80°	22.12	988.61	2.21 %	98.86 %
85°	9.50	998.11	0.95 %	99.81 %
90°	1.89	1000.00	0.19 %	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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Flujo Fuentes	155.01 lm	Valor Máximo	62.37 cd	Posición	C=0.00 G=0.00	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	20.2	21.4	20.5	21.7	21.9	20.7	21.9	21.0	22.1	22.4
x=2H y=3H	21.5	22.7	21.8	22.9	23.2	22.2	23.4	22.5	23.6	23.9
x=2H y=4H	21.9	23.0	22.3	23.3	23.6	22.8	23.9	23.1	24.2	24.5
x=2H y=6H	22.2	23.2	22.5	23.5	23.8	23.2	24.2	23.5	24.5	24.8
x=2H y=8H	22.2	23.2	22.6	23.5	23.8	23.3	24.3	23.6	24.6	24.9
x=2H y=12H	22.2	23.1	22.6	23.4	23.8	23.4	24.3	23.7	24.6	24.9
x=4H y=2H	20.9	22.0	21.3	22.3	22.6	21.3	22.4	21.7	22.7	23.0
x=4H y=3H	22.4	23.3	22.8	23.7	24.0	23.0	24.0	23.4	24.3	24.6
x=4H y=4H	23.0	23.8	23.4	24.1	24.5	23.7	24.6	24.1	24.9	25.3
x=4H y=6H	23.3	24.0	23.7	24.4	24.8	24.2	24.9	24.7	25.3	25.7
x=4H y=8H	23.3	24.0	23.8	24.4	24.8	24.4	25.0	24.8	25.4	25.8
x=4H y=12H	23.4	23.9	23.8	24.4	24.8	24.5	25.1	24.9	25.5	25.9
x=8H y=4H	23.3	23.9	23.7	24.3	24.7	24.0	24.6	24.4	25.0	25.4
x=8H y=6H	23.7	24.2	24.1	24.6	25.1	24.6	25.1	25.0	25.5	26.0
x=8H y=8H	23.8	24.2	24.2	24.7	25.1	24.8	25.2	25.3	25.7	26.2
x=8H y=12H	23.8	24.2	24.3	24.7	25.2	24.9	25.3	25.4	25.8	26.3
x=12H y=4H	23.3	23.9	23.8	24.3	24.8	24.0	24.6	24.4	25.0	25.4
x=12H y=6H	23.7	24.2	24.2	24.6	25.1	24.6	25.1	25.1	25.5	26.0
x=12H y=8H	23.8	24.2	24.3	24.7	25.2	24.8	25.2	25.3	25.7	26.2

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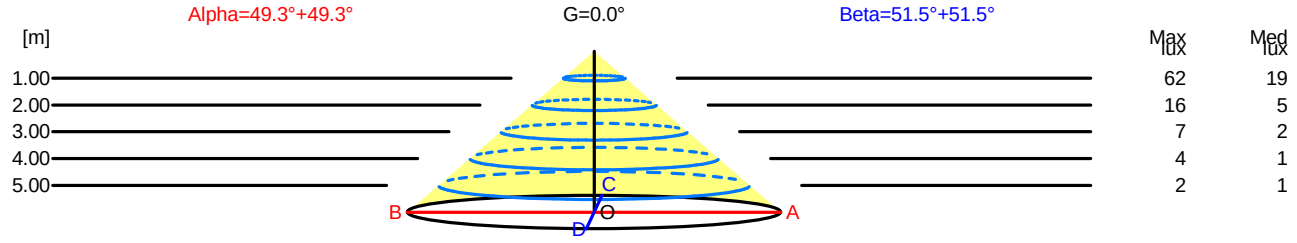
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Apertura a 50.00 % de Max Intensidad

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	1.16	2.32	3.48	4.64	5.80	OC	1.26	2.52	3.78	5.04	6.29
OB	1.16	2.32	3.48	4.64	5.80	OD	1.26	2.52	3.78	5.04	6.29

Intensidades Luminosas [cd]

	0	5	15	25	35	45	55	65	75	85
OA	62.37	61.94	58.41	52.14	43.96	34.75	25.42	16.09	7.27	0.87
OB	62.37	61.94	58.41	52.14	43.96	34.75	25.42	16.09	7.27	0.87
OC	62.37	61.94	58.93	53.36	45.89	37.31	28.38	19.04	9.87	2.09
OD	62.37	61.94	58.93	53.36	45.89	37.31	28.38	19.04	9.87	2.09



H[m]	D[m]	Max lux	Med lux	Alpha=49.3°+49.3° G=0.0
1.00	2.32	62	19	
2.00	4.64	16	5	
3.00	6.97	7	2	
4.00	9.29	4	1	
5.00	11.61	2	1	

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5° G=0.0
1.00	2.52	62	19	
2.00	5.04	16	5	
3.00	7.55	7	2	
4.00	10.07	4	1	
5.00	12.59	2	1	

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Isolux (Suelo)

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

