

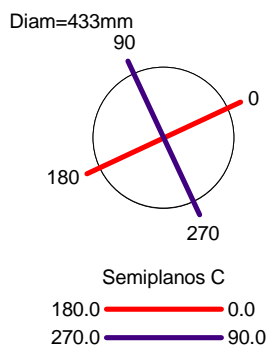
# Luminaria

Código 0825  
Nombre Colgante 10 Triang. ALG 2700K  
Ensayo  
Código 0825  
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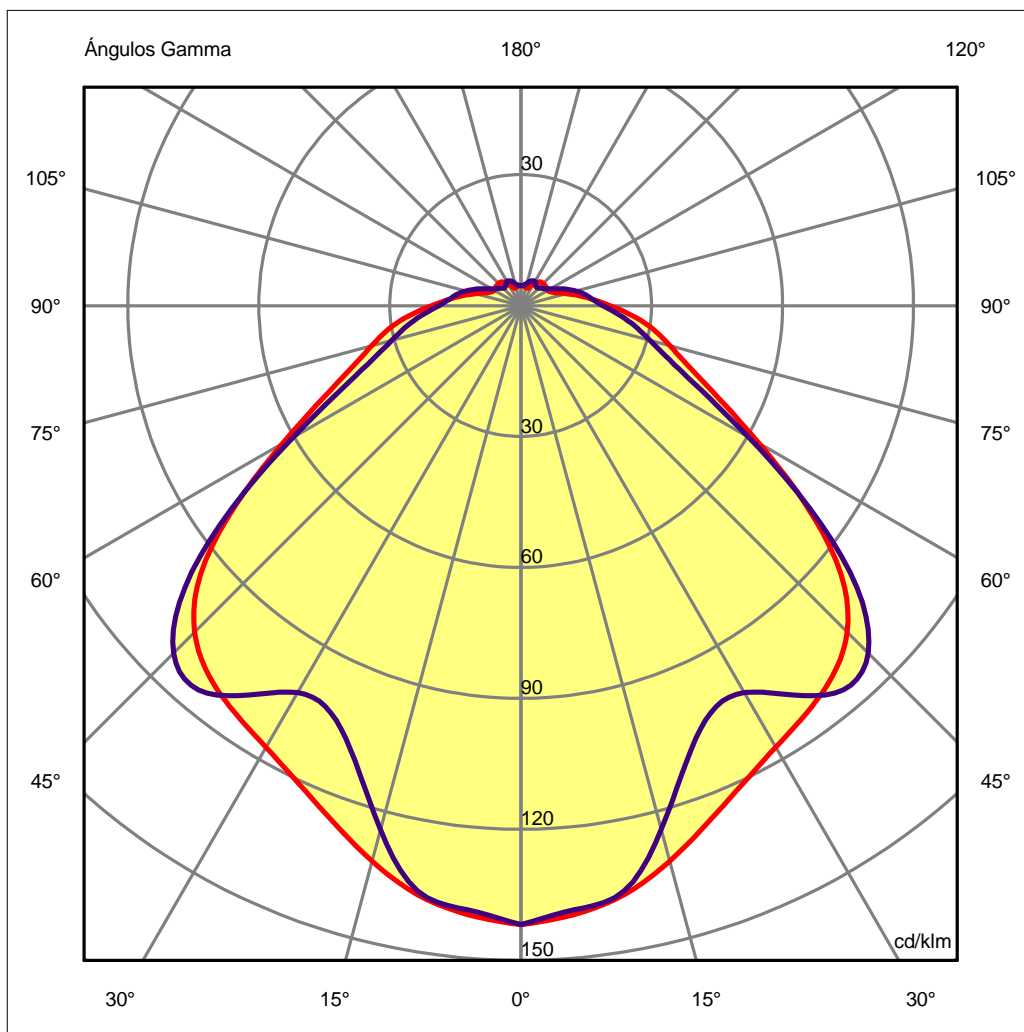
Flujo Luminaria	1545.40 lm	Potencia luminaria	31.00 W	Eficacia	49.85 lm/W	Eficiencia	49.49%
Flujo de Lámpara	3122.80 lm	Valor Máximo	141.79 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda	Diam.	433 mm	Altura	1 mm			
Área Luminosa Redonda	Diam.	433 mm	Altura	0 mm			
Área Luminosa Horizontal	0.147254 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°	0.035624 m2			
Sist. de Coorden.	CG		Tipo de Simetría	Bisimétrico			
Fecha	29-04-1994		Máximo Ángulo Gamma	180			
Distancia de Ensayo	0.00		Flujo de Ensayo	3122.80 lm			
Operador	Asselum T2		Tensión de alimentación [V]				
Temperatura	25.00 °C		Corriente de alimentación [A]				
Humedad	60.00 %		Fotocélula				
Notas							

## Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
VIBIA-Algorithm	10 led 1050mA 3,1W	10 led 1050mA 3,1W	3122.80	31.00	1
C.I.E.	42 74 90 88 49	D DIN 5040	B31		
F UTE	0.43 E + 0.06 T	B NBN	BZ 5		



ULOR 6.06 %  
DLOR 43.43 %  
RN 12.24 %



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**Tabla de Intensidad Luminosa cd/klm 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	141.79	141.79	141.79	141.79	141.79	141.79	141.79
G 5.0	140.02	139.29	139.94	139.91	139.84	140.06	138.97
G 10.0	136.94	135.80	136.64	136.61	136.23	136.27	136.15
G 15.0	131.76	128.86	128.39	127.85	126.36	125.21	124.27
G 20.0	125.81	121.55	119.42	118.17	115.87	113.07	111.04
G 25.0	120.67	117.55	114.62	111.83	111.20	105.81	102.93
G 30.0	116.79	114.38	111.26	109.57	109.70	105.33	102.35
G 35.0	114.03	112.46	110.50	110.45	112.45	110.92	108.92
G 40.0	110.96	110.88	109.73	110.23	115.31	115.65	114.92
G 45.0	105.71	103.39	104.14	104.79	109.43	112.47	112.52
G 50.0	95.75	91.24	93.35	93.93	95.86	100.06	100.52
G 55.0	79.92	75.93	77.91	78.90	76.98	79.94	80.71
G 60.0	62.95	60.96	61.96	63.07	58.74	59.38	60.12
G 65.0	49.91	49.54	49.57	49.68	46.35	45.27	45.38
G 70.0	41.07	41.42	40.93	39.52	38.68	37.25	36.20
G 75.0	35.34	35.50	35.07	32.51	33.22	32.99	30.55
G 80.0	30.70	30.59	30.46	27.64	28.36	29.64	26.43
G 85.0	25.53	25.80	25.80	23.79	23.21	25.00	22.33
G 90.0	20.49	21.43	21.38	20.32	18.70	20.14	18.78
G 95.0	16.55	17.95	17.73	16.87	15.84	16.55	16.50
G100.0	13.42	15.12	14.83	13.72	13.90	14.17	14.83
G105.0	10.68	12.68	12.50	11.26	12.01	12.51	13.01
G110.0	8.60	10.69	10.61	9.55	10.27	11.11	11.05
G115.0	7.47	9.27	9.28	8.60	8.99	9.65	9.19
G120.0	7.08	8.32	7.99	7.91	8.14	8.44	7.71
G125.0	7.14	7.68	7.27	7.40	7.58	7.81	6.79
G130.0	7.19	7.25	6.93	6.92	7.00	7.31	6.19
G135.0	7.19	6.91	6.35	6.50	6.20	6.56	5.70
G140.0	7.07	6.43	5.82	6.15	5.68	6.02	5.55
G145.0	6.47	5.65	5.54	5.97	5.85	6.16	5.94
G150.0	5.63	4.86	5.38	5.68	6.18	6.46	6.36
G155.0	4.79	4.36	5.18	5.41	6.08	6.33	6.30
G160.0	4.27	4.21	4.95	5.21	5.72	5.88	5.86
G165.0	4.29	4.35	4.76	5.04	5.35	5.35	5.30
G170.0	4.52	4.55	4.63	4.93	5.05	4.92	4.83
G175.0	4.61	4.61	4.59	4.77	4.85	4.75	4.63
G180.0	4.59	4.59	4.59	4.59	4.59	4.59	4.59

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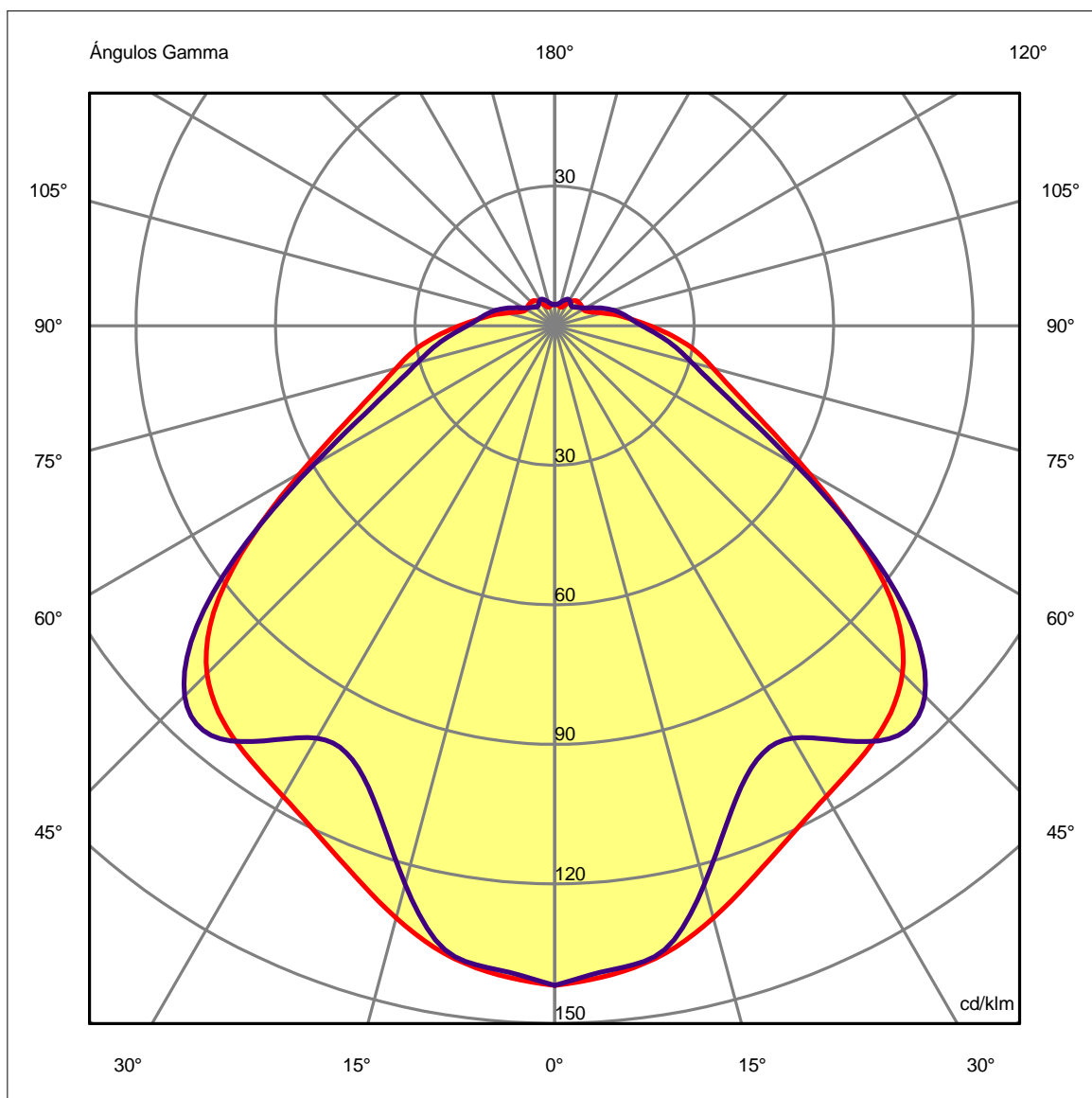
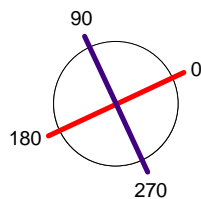
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Flujo de Lámpara	3122.80 lm	Valor Máximo	141.79 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=433mm

Semiplanos C

180.0 — 0.0

270.0 — 90.0



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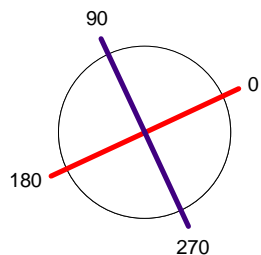
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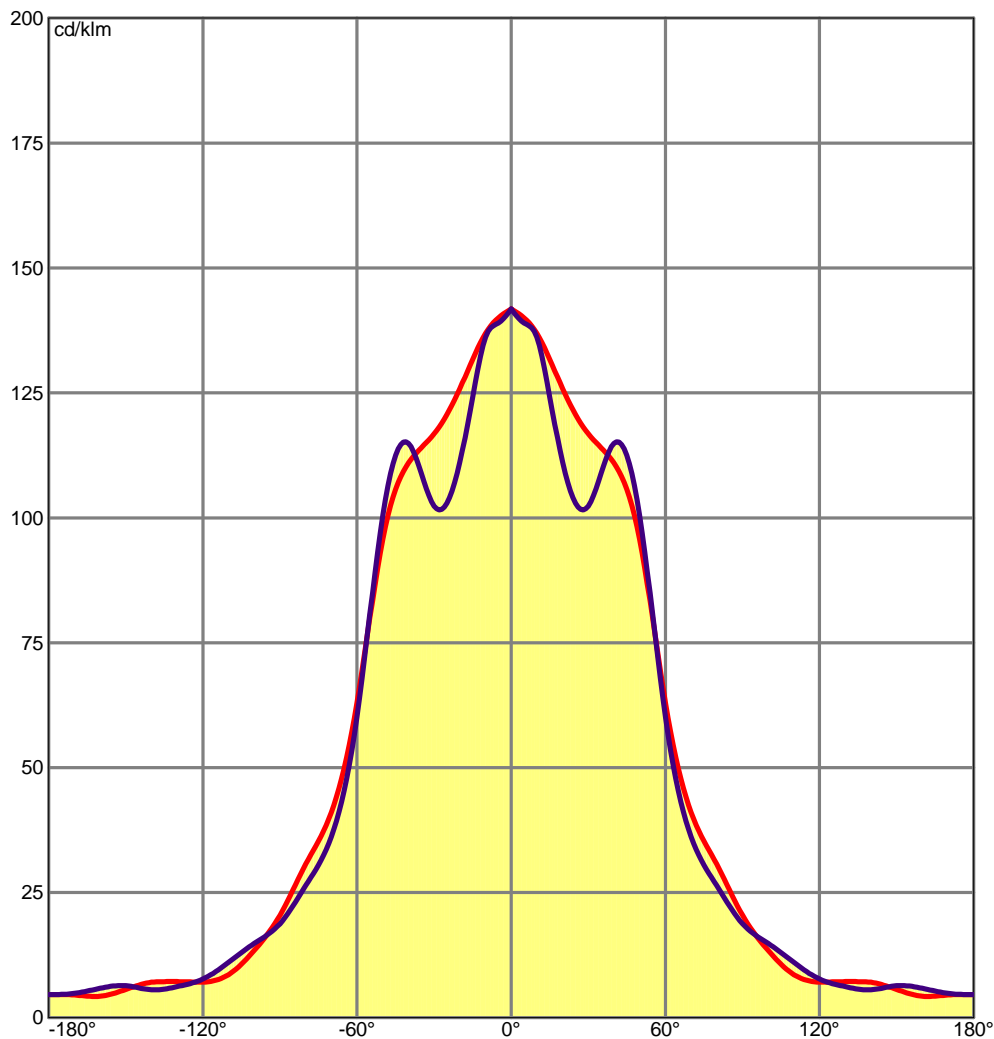
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**UGR**  
S = 0.250

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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	15.2	16.4	15.6	16.9	17.4	15.2	16.4	15.7	16.9	17.4
x=2H y=3H	16.8	17.9	17.3	18.4	18.6	16.5	17.6	17.0	18.1	18.6
x=2H y=4H	17.7	18.7	18.2	19.2	19.4	17.3	18.4	17.8	18.9	19.4
x=2H y=6H	18.8	19.8	19.3	20.3	20.4	18.3	19.3	18.9	19.8	20.4
x=2H y=8H	19.4	20.4	20.0	20.9	21.0	18.9	19.9	19.5	20.4	21.0
x=2H y=12H	20.2	21.1	20.7	21.6	21.6	19.6	20.5	20.2	21.0	21.6
x=4H y=2H	15.8	16.9	16.3	17.4	17.9	15.8	16.9	16.3	17.4	17.9
x=4H y=3H	17.7	18.6	18.2	19.1	19.5	17.4	18.3	18.0	18.9	19.5
x=4H y=4H	18.8	19.6	19.4	20.2	20.4	18.4	19.3	19.0	19.8	20.4
x=4H y=6H	20.1	20.8	20.7	21.4	21.7	19.7	20.4	20.3	21.0	21.7
x=4H y=8H	20.9	21.5	21.5	22.1	22.4	20.5	21.1	21.1	21.7	22.4
x=4H y=12H	21.7	22.3	22.4	23.0	23.2	21.3	21.9	21.9	22.5	23.2
x=8H y=4H	19.3	19.9	19.9	20.5	20.9	19.0	19.6	19.6	20.2	20.9
x=8H y=6H	20.9	21.4	21.5	22.0	22.4	20.5	21.0	21.1	21.7	22.4
x=8H y=8H	21.8	22.3	22.5	22.9	23.3	21.4	21.9	22.1	22.6	23.3
x=8H y=12H	22.9	23.3	23.6	24.0	24.3	22.5	22.9	23.2	23.6	24.3
x=12H y=4H	19.4	20.0	20.0	20.6	21.0	19.1	19.7	19.7	20.3	21.0
x=12H y=6H	21.1	21.5	21.7	22.2	22.6	20.7	21.2	21.4	21.9	22.6
x=12H y=8H	22.1	22.5	22.8	23.2	23.6	21.7	22.2	22.4	22.8	23.6

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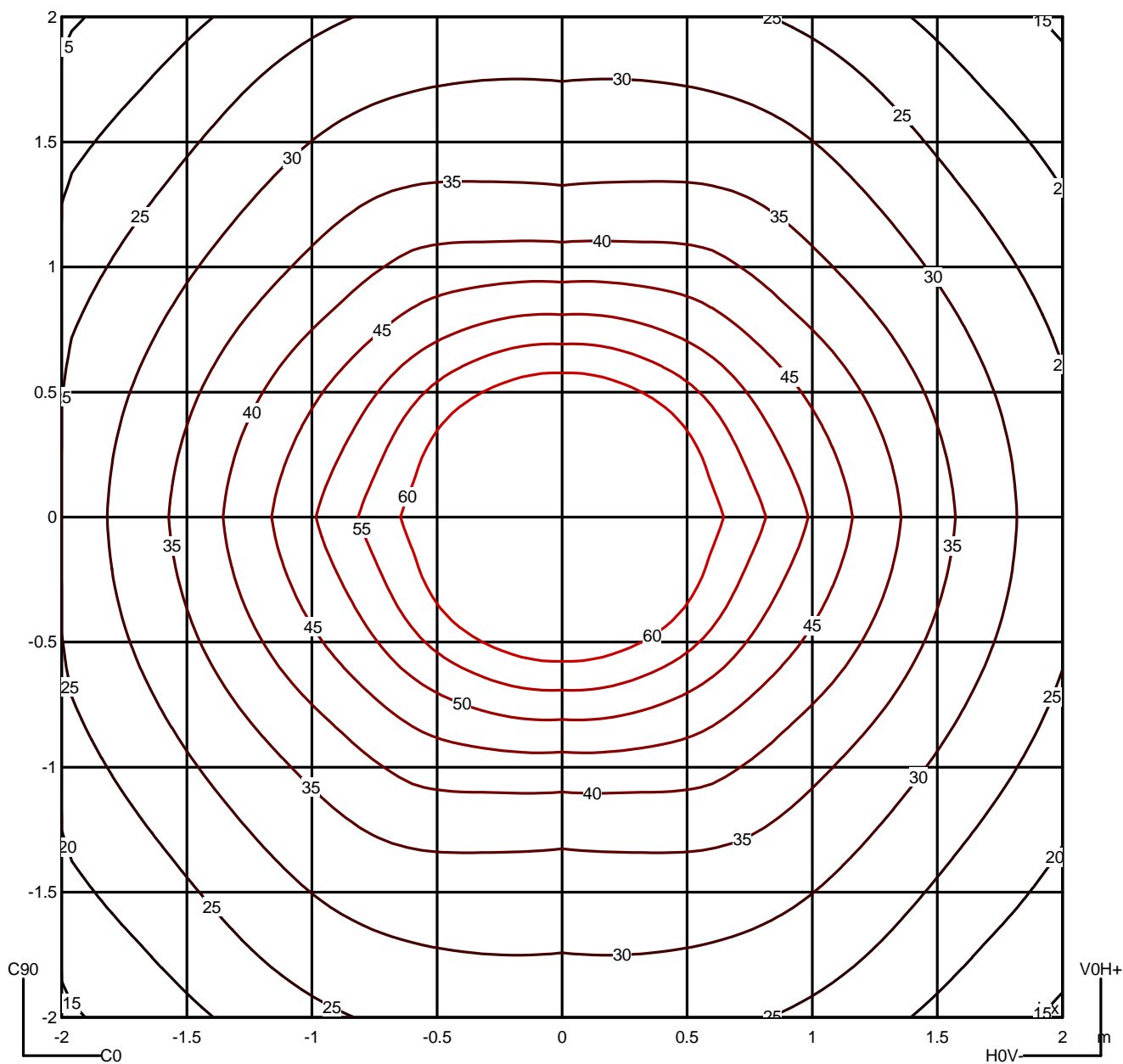
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Isolux (Suelo)

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



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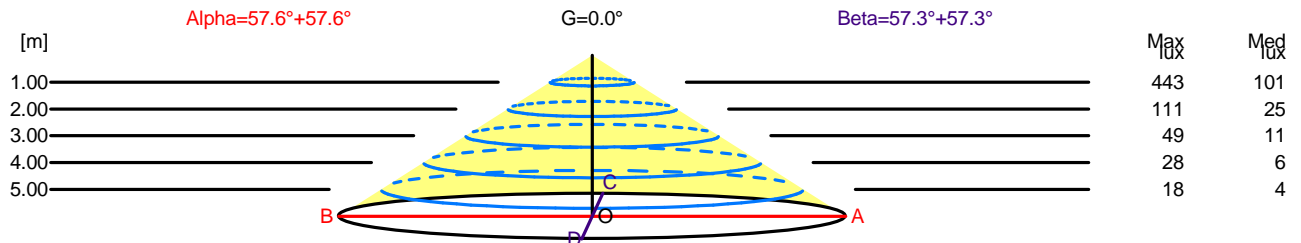
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Apertura a 50.00 % de Max Intensidad

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	1.57	3.15	4.72	6.30	7.87	OC	1.56	3.11	4.67	6.23	7.78
OB	1.57	3.15	4.72	6.30	7.87	OD	1.56	3.11	4.67	6.23	7.78

	0	5	15	25	35	45	55	65	75	85
OA	442.77	437.25	411.46	376.83	356.08	330.10	249.56	155.85	110.36	79.72
OB	442.77	437.25	411.46	376.83	356.08	330.10	249.56	155.85	110.36	79.72
OC	442.77	433.96	388.06	321.42	340.12	351.38	252.03	141.71	95.41	69.72
OD	442.77	433.96	388.06	321.42	340.12	351.38	252.03	141.71	95.41	69.72



H[m]	D[m]	Max lux	Med lux	Alpha=57.6°+57.6°	G=0.0	
1.00	3.15	443	101			
2.00	6.30	111	25			
3.00	9.45	49	11			
4.00	12.60	28	6			
5.00	15.75	18	4			

H[m]	D[m]	Max lux	Med lux	Beta=57.3°+57.3°	G=0.0	
1.00	3.11	443	101			
2.00	6.23	111	25			
3.00	9.34	49	11			
4.00	12.46	28	6			
5.00	15.57	18	4			