

Luminaria

Código 0885

Nombre Colgante 24 Star ALG 2700K

Ensayo

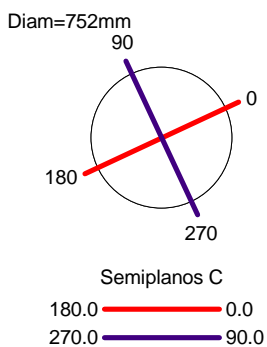
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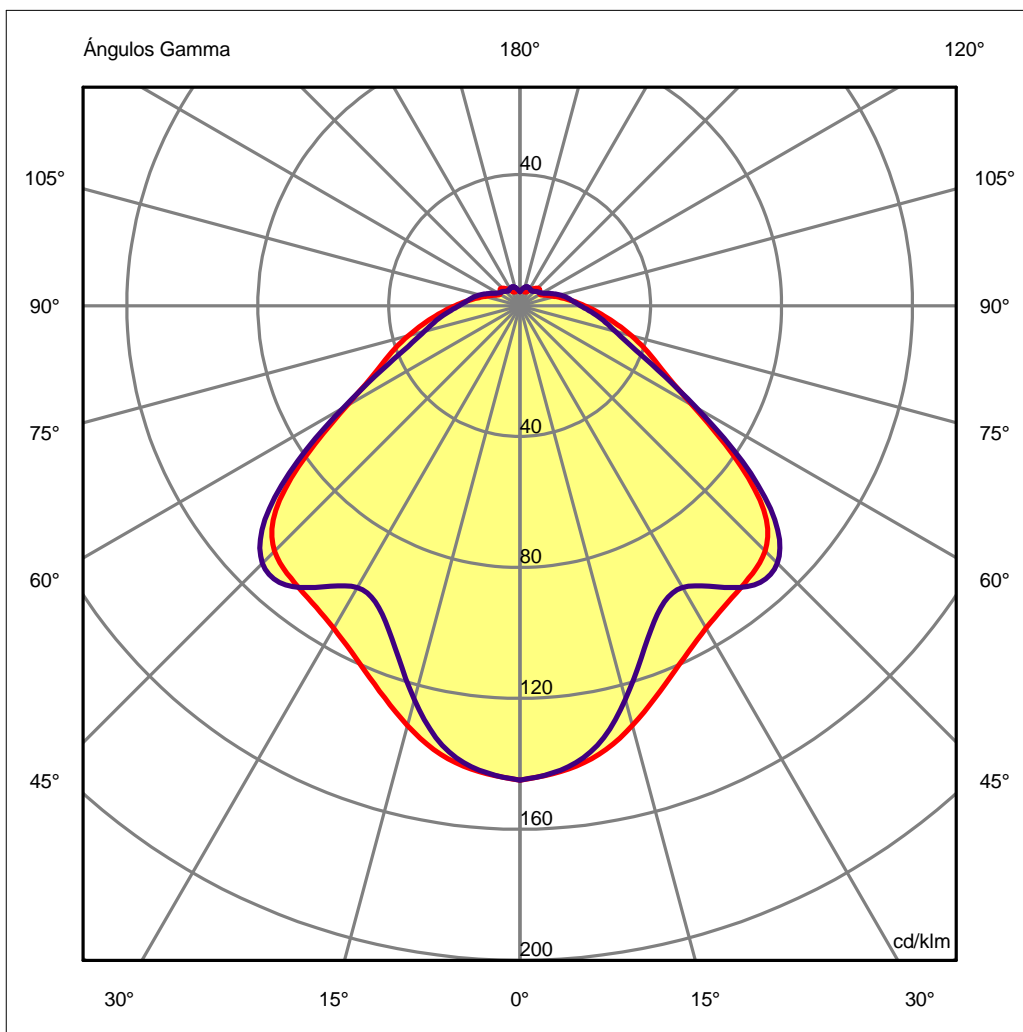
Flujo Luminaria	3710.17 lm	Potencia luminaria	74.40 W	Eficacia	49.87 lm/W	Eficiencia	49.50%
Flujo de Lámpara	7494.72 lm	Valor Máximo	144.90 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	752 mm	Altura	1 mm		
Área Luminosa Redonda		Diam.	751 mm	Altura	0 mm		
Área Luminosa Horizontal		0.443555 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°		0.107306 m2	
Sist. de Coordén.		CG		Tipo de Simetría		Bisimétrico	
Fecha		29-04-1994		Máximo Ángulo Gamma		180	
Distancia de Ensayo		0.00		Flujo de Ensayo		4684.20 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	24 led 1050mA 3,1W	CREE XPG BWT(XPG2) 27K CRI80	7494.72	74.40	1
C.I.E.	42 75 91 88 50	D DIN 5040	B31		
F UTE	0.43 E + 0.06 T	B NBN	BZ 5		



ULOR 6.07 %
DLOR 43.43 %
RN 12.27 %



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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	144.90	144.90	144.90	144.90	144.90	144.90	144.90
G 5.0	142.87	142.99	143.10	142.99	142.84	142.60	142.42
G 10.0	139.16	138.96	138.47	137.82	137.12	136.54	136.33
G 15.0	132.77	131.58	129.51	127.70	125.87	124.75	124.56
G 20.0	125.29	123.25	119.98	117.25	114.51	112.24	111.31
G 25.0	118.70	116.82	114.03	111.47	108.96	104.92	101.83
G 30.0	113.76	113.22	112.06	110.63	109.82	105.13	99.41
G 35.0	110.71	112.22	112.81	112.95	115.16	112.35	104.88
G 40.0	108.73	110.75	112.36	113.19	118.20	118.14	111.35
G 45.0	105.97	105.43	106.85	106.62	112.53	114.11	111.19
G 50.0	97.31	94.40	95.31	93.97	98.05	99.92	101.65
G 55.0	79.62	77.59	78.54	77.62	77.37	78.49	82.96
G 60.0	60.79	60.47	61.35	61.19	57.71	57.73	62.20
G 65.0	48.91	48.38	48.40	47.96	45.35	44.66	46.53
G 70.0	41.70	40.38	39.73	38.56	38.23	37.66	36.32
G 75.0	35.21	34.31	34.10	32.60	32.78	33.29	30.12
G 80.0	29.16	29.28	29.65	28.21	27.86	29.36	25.88
G 85.0	24.04	24.86	24.90	23.66	23.10	24.57	21.89
G 90.0	19.77	21.06	20.42	19.49	19.03	19.93	18.49
G 95.0	16.19	17.93	17.05	16.46	16.13	16.66	16.25
G100.0	13.27	15.25	14.62	14.04	13.84	14.45	14.53
G105.0	10.96	12.81	12.72	11.65	11.58	12.72	12.64
G110.0	9.12	10.67	10.88	9.65	9.69	11.22	10.67
G115.0	7.67	8.96	8.89	8.51	8.61	9.87	8.92
G120.0	7.00	8.00	7.45	8.10	8.11	8.86	7.69
G125.0	7.34	7.89	7.38	8.06	7.77	8.32	7.10
G130.0	7.82	7.84	7.30	7.93	7.28	7.78	6.75
G135.0	7.57	7.13	6.86	7.32	6.45	6.87	6.22
G140.0	6.82	6.05	6.41	6.44	5.68	6.07	5.80
G145.0	6.00	5.13	5.53	5.63	5.41	6.03	5.79
G150.0	5.25	4.57	4.90	5.16	5.48	6.00	6.01
G155.0	4.65	4.47	4.99	5.20	5.64	6.02	6.19
G160.0	4.43	4.66	5.08	5.39	5.70	6.04	6.16
G165.0	4.67	4.88	5.15	5.34	5.53	5.73	5.83
G170.0	4.92	4.94	4.99	5.07	5.17	5.27	5.32
G175.0	4.72	4.68	4.65	4.67	4.72	4.75	4.77
G180.0	4.21	4.21	4.21	4.21	4.21	4.21	4.21

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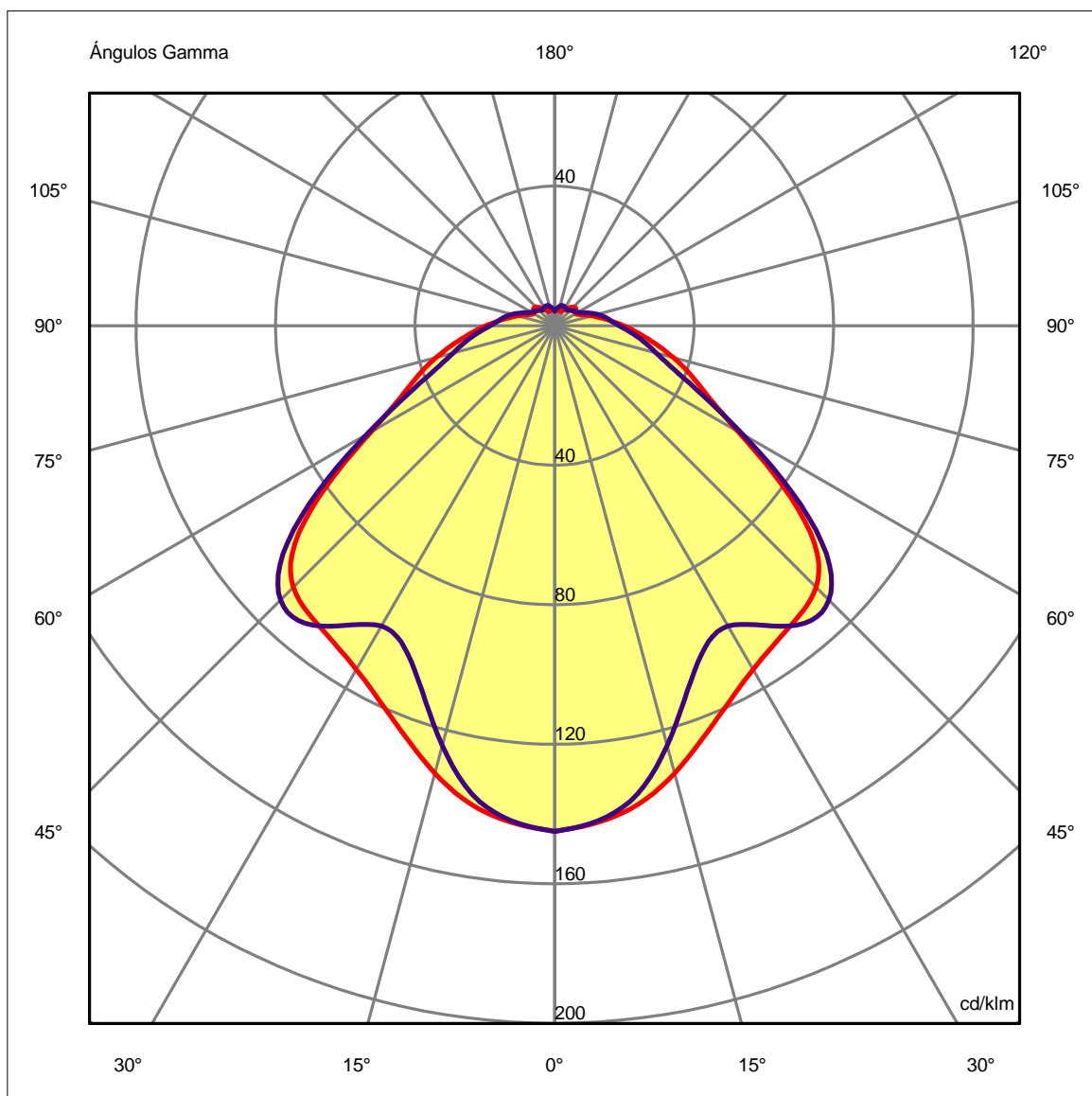
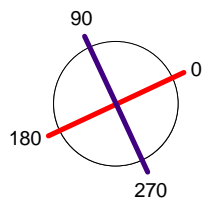
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Flujo de Lámpara	7494.72 lm	Valor Máximo	144.90 cd/klm	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=752mm

Semiplanos C

180.0 — 0.0

270.0 — 90.0



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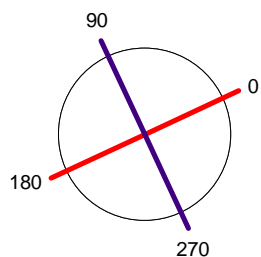
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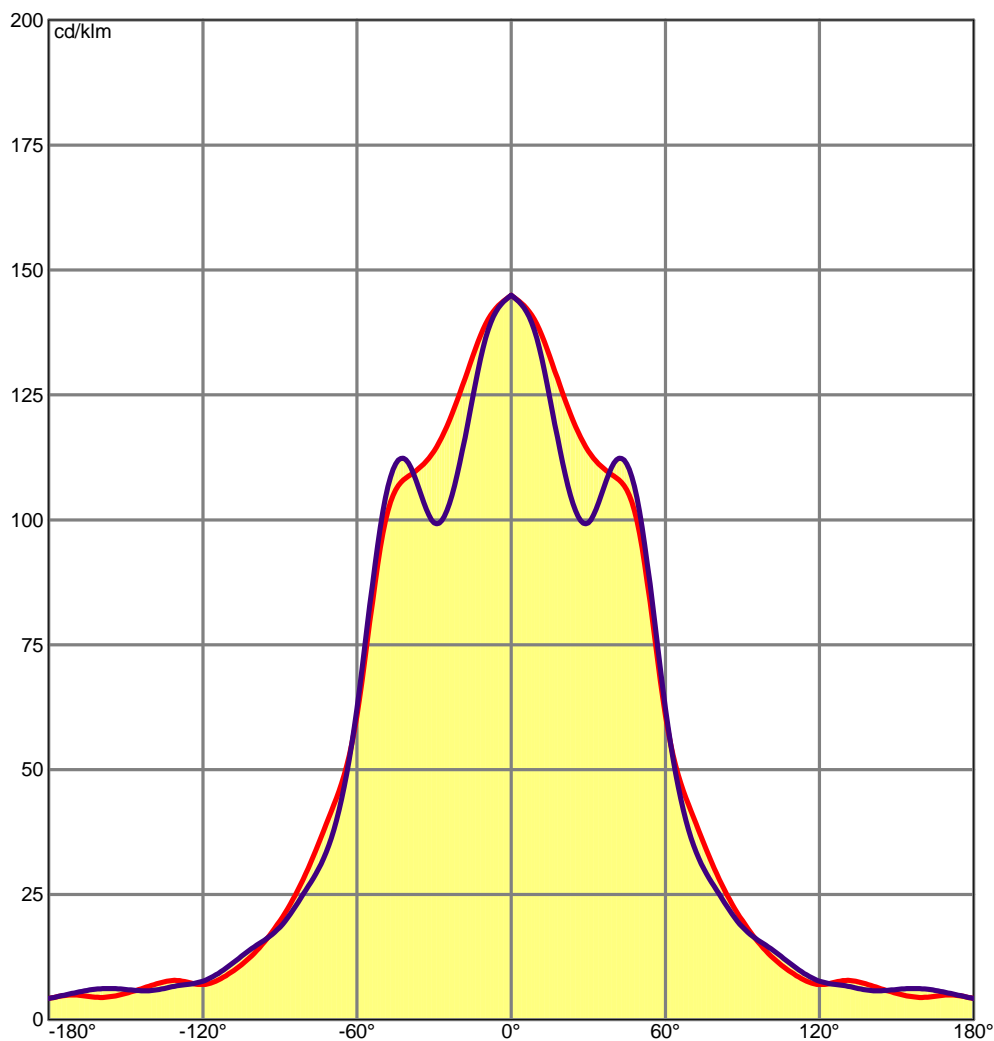
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Flujo de Lámpara	7494.72 lm	Valor Máximo	144.90 cd/klm	Posición	C=0.00 G=0.00	CG Bisimétrico	

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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	14.4	15.6	14.9	16.1	16.6	14.4	15.6	14.9	16.1	16.6
x=2H y=3H	16.0	17.1	16.5	17.5	17.8	15.7	16.9	16.2	17.3	17.8
x=2H y=4H	16.9	17.9	17.4	18.4	18.6	16.5	17.6	17.1	18.1	18.6
x=2H y=6H	17.9	18.9	18.4	19.4	19.6	17.5	18.5	18.1	19.0	19.6
x=2H y=8H	18.5	19.4	19.0	19.9	20.1	18.1	19.0	18.7	19.6	20.1
x=2H y=12H	19.2	20.1	19.7	20.6	20.8	18.8	19.7	19.3	20.2	20.8
x=4H y=2H	15.0	16.1	15.5	16.5	17.1	15.0	16.1	15.5	16.5	17.1
x=4H y=3H	16.8	17.7	17.4	18.3	18.6	16.6	17.5	17.2	18.1	18.6
x=4H y=4H	17.9	18.7	18.5	19.3	19.6	17.6	18.4	18.2	19.0	19.6
x=4H y=6H	19.2	19.9	19.8	20.4	20.8	18.9	19.6	19.5	20.2	20.8
x=4H y=8H	19.9	20.5	20.5	21.1	21.5	19.6	20.3	20.2	20.9	21.5
x=4H y=12H	20.7	21.3	21.3	21.9	22.3	20.4	21.0	21.0	21.6	22.3
x=8H y=4H	18.4	19.0	19.0	19.6	20.1	18.2	18.8	18.8	19.4	20.1
x=8H y=6H	19.9	20.5	20.6	21.1	21.5	19.7	20.2	20.3	20.8	21.5
x=8H y=8H	20.8	21.3	21.5	22.0	22.5	20.6	21.1	21.2	21.7	22.5
x=8H y=12H	21.9	22.3	22.5	23.0	23.5	21.6	22.1	22.3	22.7	23.5
x=12H y=4H	18.5	19.1	19.1	19.7	20.2	18.3	18.9	18.9	19.5	20.2
x=12H y=6H	20.1	20.6	20.8	21.3	21.8	19.9	20.4	20.6	21.0	21.8
x=12H y=8H	21.1	21.6	21.8	22.2	22.7	20.9	21.3	21.6	22.0	22.7

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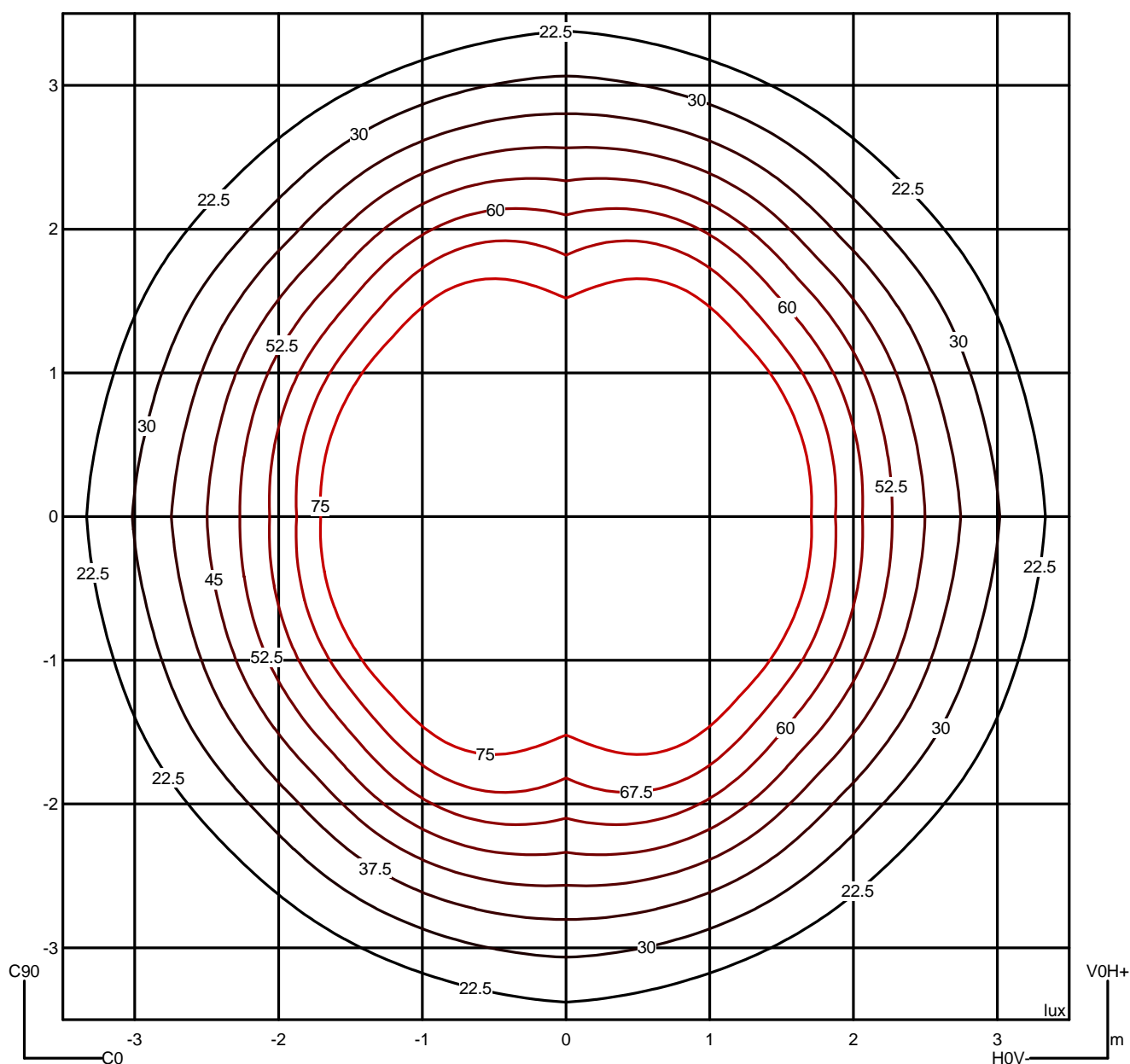
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Isolux (Suelo)

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



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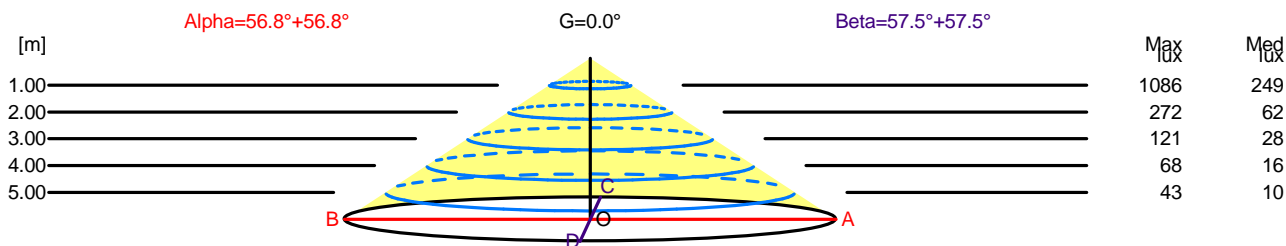
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Apertura a 50.00 % de Max Intensidad

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	1.53	3.06	4.58	6.11	7.64	OC	1.57	3.13	4.70	6.27	7.84
OB	1.53	3.06	4.58	6.11	7.64	OD	1.57	3.13	4.70	6.27	7.84

	0	5	15	25	35	45	55	65	75	85
OA	1086.00	1070.75	995.05	889.59	829.71	794.18	596.73	366.57	263.91	180.17
OB	1086.00	1070.75	995.05	889.59	829.71	794.18	596.73	366.57	263.91	180.17
OC	1086.00	1067.43	933.54	763.19	786.08	833.31	621.74	348.73	225.76	164.03
OD	1086.00	1067.43	933.54	763.19	786.08	833.31	621.74	348.73	225.76	164.03



H[m]	D[m]	Max lux	Med lux	Alpha=56.8°+56.8°	G=0.0
1.00	3.06	1086	249		
2.00	6.11	272	62		
3.00	9.17	121	28		
4.00	12.22	68	16		
5.00	15.28	43	10		

H[m]	D[m]	Max lux	Med lux	Beta=57.5°+57.5°	G=0.0
1.00	3.13	1086	249		
2.00	6.27	272	62		
3.00	9.40	121	28		
4.00	12.54	68	16		
5.00	15.67	43	10		