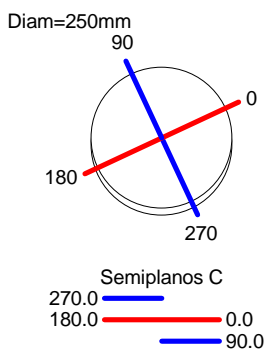


Luminaria

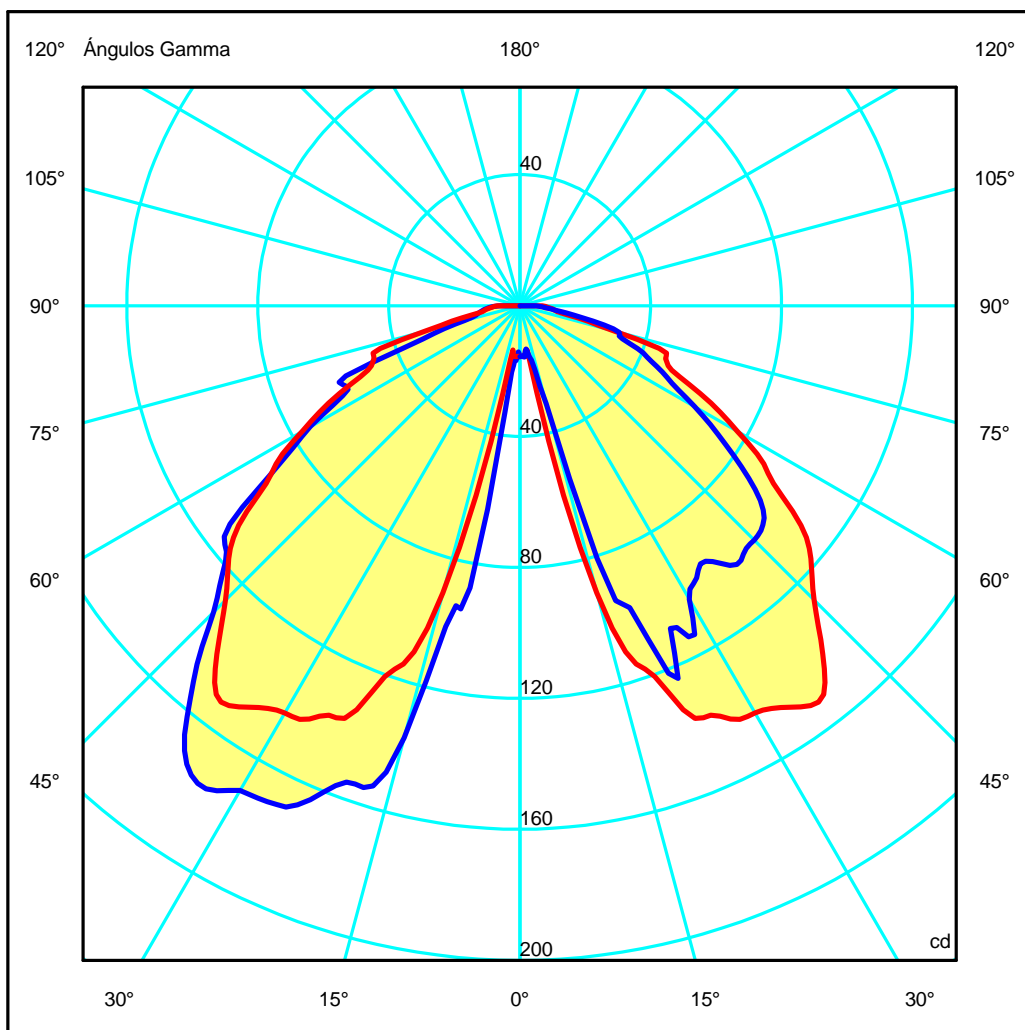
Código A676-015
Nombre AURA PLUS TRANSLUCENT
Ensayo
Código CL41A19F002G
Nombre AURA PLUS TRANSLUCENT

Flujo Luminaria	469.50 lm	Potencia luminaria	8.74 W	Eficacia	53.75 lm/W	Eficiencia	100.00%
Flujo de Lámpara	469.50 lm	Valor Máximo	175.55 cd	Posición	C=285.00 G=32.50	CG	Sim. en los planos 270-90
Luminaria Redonda	Diam.	250 mm	Altura	95 mm			
Área Luminosa Redonda	Diam.	120 mm	Altura	0 mm			
Área Luminosa Horizontal	0.011310 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°	0.002736 m2			
Sist. de Coorden.	CG		Tipo de Simetría				
Fecha	03-01-2019		Máximo Ángulo Gamma				
Distancia de Ensayo	6.44		Flujo de Ensayo				
Operador	Asselum T2		Tensión de alimentación [V]	230.25 V			
Temperatura	24.70 °C		Corriente de alimentación [A]	0.04 A			
Humedad	23.50 %		Fotocélula	Prc			
Notas	RM18121701.7						

Lámparas de la Luminaria					
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
			469.50	8.74	1
C.I.E.	42 79 95 100 100	D DIN 5040	A30		
F UTE	1.00 E	B NBN	BZ 5		



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaria

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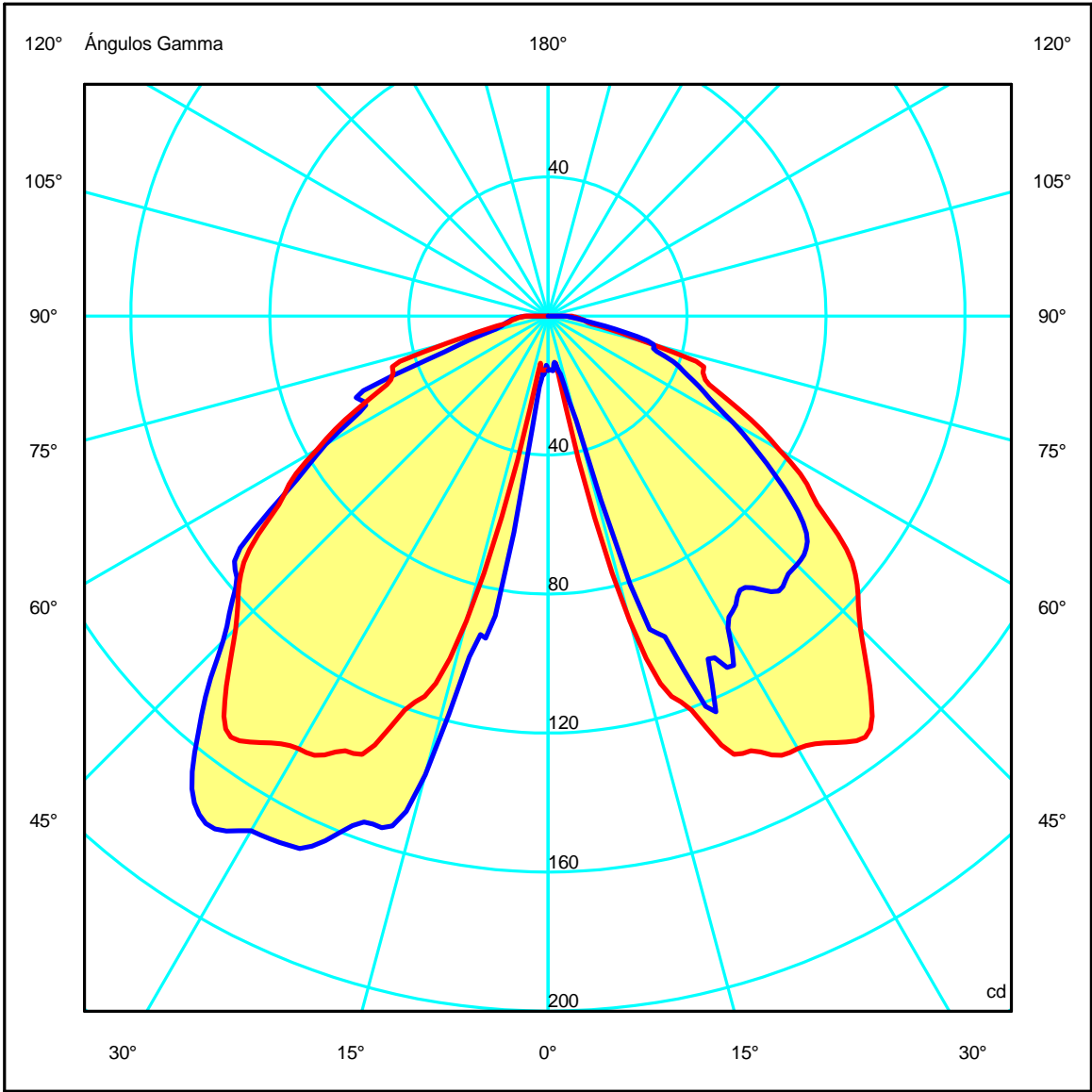
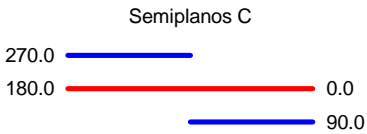
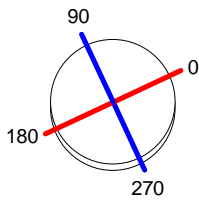
Tabla de Intensidad Luminosa cd**Tabla 1/1**

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	15.58	15.58	15.58	15.58	15.58	15.58	15.58	15.58	15.58	15.58	15.58	15.58	15.58
G 2.5	14.48	15.03	14.49	15.74	15.20	15.73	15.46	15.53	15.62	15.05	15.45	16.21	15.53
G 5.0	16.11	14.79	16.44	14.69	15.66	15.47	15.65	14.74	14.30	13.77	15.11	14.04	15.76
G 7.5	21.56	16.93	23.95	15.76	19.24	15.49	15.50	14.73	14.26	14.40	14.50	14.45	13.47
G 10.0	87.55	25.04	64.48	25.17	31.81	16.50	16.90	18.74	15.04	16.48	14.82	16.48	15.00
G 12.5	95.41	85.89	98.14	64.87	96.81	35.98	50.88	48.34	18.00	32.60	17.66	19.45	17.18
G 15.0	136.66	99.88	127.24	113.70	136.55	97.81	90.86	95.04	52.96	68.41	30.58	71.37	31.05
G 17.5	154.36	147.72	154.66	131.92	146.93	126.28	113.24	111.26	90.90	107.12	76.49	113.09	89.90
G 20.0	154.87	149.57	148.22	151.32	152.10	147.88	120.57	118.31	124.80	119.36	93.35	122.12	98.18
G 22.5	162.20	155.76	161.13	154.92	152.58	142.24	135.53	122.72	116.75	123.14	112.70	132.81	124.15
G 25.0	169.03	163.69	162.69	157.62	152.83	147.29	138.00	126.62	123.05	119.53	116.08	125.48	108.84
G 27.5	170.24	165.99	162.99	164.49	156.87	151.08	142.59	132.28	126.61	123.18	122.06	128.82	114.48
G 30.0	170.99	170.40	166.95	165.17	160.95	150.51	143.65	139.04	131.98	131.68	118.77	126.82	103.60
G 32.5	175.49	175.55	167.51	164.08	160.16	152.48	145.71	143.51	137.42	136.88	116.65	130.22	99.75
G 35.0	175.08	172.56	167.42	166.06	158.55	154.01	149.61	144.60	141.67	137.81	117.01	129.09	96.24
G 37.5	168.42	170.40	162.21	161.26	155.94	154.40	151.42	143.24	143.55	140.54	122.17	129.65	98.88
G 40.0	156.62	161.01	154.94	158.32	151.46	150.87	144.76	140.25	141.02	136.12	126.46	126.87	103.24
G 42.5	144.92	152.19	142.69	152.45	141.00	143.97	135.50	129.53	135.38	130.94	124.90	123.82	101.68
G 45.0	132.24	142.60	132.13	139.32	130.26	136.52	127.17	124.27	129.22	126.29	120.71	119.72	101.22
G 47.5	123.84	130.42	123.87	128.28	121.80	127.67	121.03	117.07	123.88	120.54	118.68	115.61	100.34
G 50.0	116.93	121.58	119.60	120.61	113.76	120.82	115.44	111.77	115.80	112.07	115.61	108.69	97.07
G 52.5	113.10	117.59	110.91	113.28	104.72	111.11	106.81	102.22	108.17	100.69	107.75	98.68	89.45
G 55.0	97.71	108.69	101.91	105.57	97.06	100.76	94.61	90.67	98.35	91.31	97.60	86.22	79.78
G 57.5	83.66	96.35	89.36	97.23	87.55	92.16	87.32	79.47	88.32	81.65	86.74	73.25	70.37
G 60.0	73.88	84.12	74.82	85.93	75.27	82.96	76.75	70.53	77.61	71.67	76.47	63.40	61.66
G 62.5	62.50	70.07	64.34	72.28	64.71	70.73	67.53	62.07	68.19	61.53	67.78	55.62	53.40
G 65.0	58.40	61.11	59.33	62.66	58.49	60.17	57.13	54.19	58.21	53.78	58.96	49.09	48.03
G 67.5	60.43	59.20	56.70	59.53	55.13	55.09	49.20	47.46	51.15	47.62	51.08	43.51	42.72
G 70.0	37.85	60.05	48.12	53.29	45.76	51.40	47.40	44.36	45.49	40.59	44.65	35.56	38.32
G 72.5	25.81	37.71	28.39	45.06	33.84	42.43	47.05	35.73	40.24	38.32	37.53	33.01	32.06
G 75.0	17.49	23.23	17.93	26.80	20.85	30.97	29.90	31.29	34.61	31.45	36.54	28.67	31.42
G 77.5	14.02	16.32	14.11	18.47	15.33	20.03	19.76	20.10	27.80	20.06	29.55	20.12	24.66
G 80.0	12.69	13.63	12.62	13.65	12.48	14.64	12.71	12.94	17.70	12.89	18.19	12.76	16.69
G 82.5	11.43	12.25	11.39	12.21	10.72	11.87	10.88	10.14	12.20	9.46	11.74	8.52	11.40
G 85.0	10.23	10.88	9.98	10.87	9.55	10.21	9.52	8.79	9.12	8.09	8.99	7.08	8.20
G 87.5	8.45	9.42	8.34	9.41	8.41	8.66	8.13	7.82	7.71	6.76	7.34	5.99	6.44
G 90.0	6.12	6.29	6.57	6.86	6.94	6.67	6.89	6.77	6.27	6.09	5.87	5.26	4.90

Luminaria
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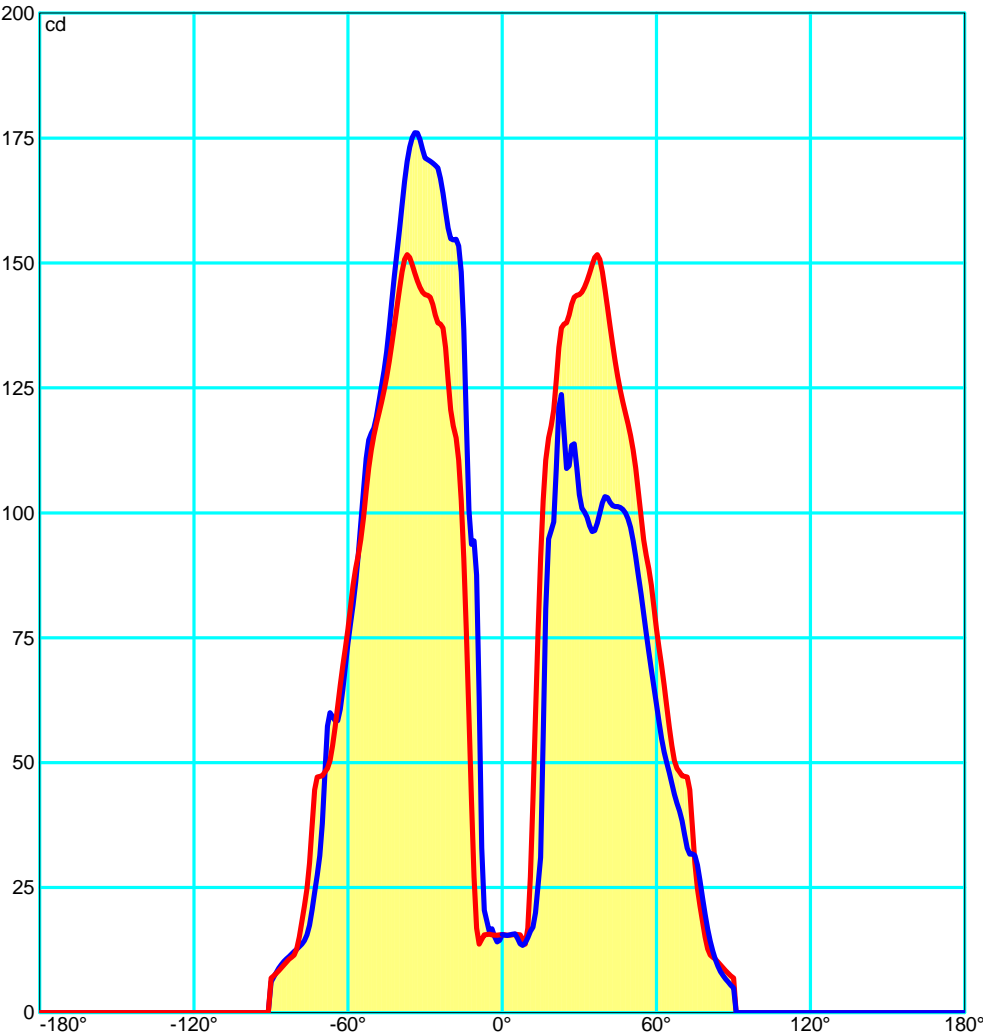
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Flujo de Lámpara	469.50 lm	Valor Máximo	175.55 cd	Posición	C=285.00 G=32.50	CG	Sim. en los planos 270-90

Diam=250mm



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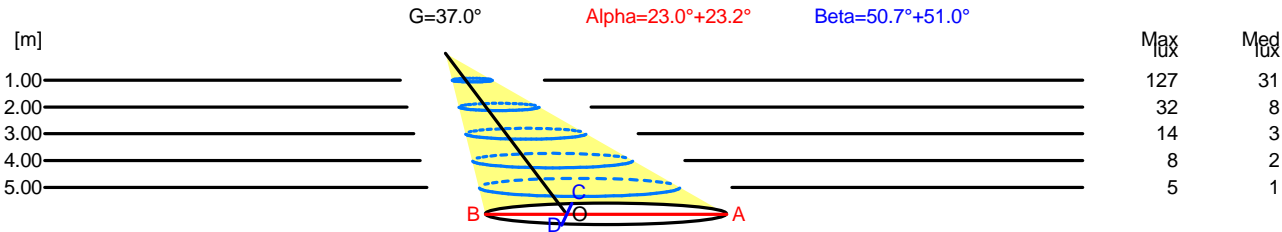
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Flujo de Lámpara	469.50 lm	Valor Máximo	175.55 cd	Posición	C=285.00 G=32.50	CG	Sim. en los planos 270-90

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	1.00	1.99	2.99	3.98	4.98	OC	1.53	3.06	4.58	6.11	7.64
OB	0.50	1.01	1.51	2.02	2.52	OD	1.55	3.09	4.64	6.19	7.74

	0	5	15	25	35	45	55	65	75	85
OA	15.58	15.65	90.86	138.00	149.61	127.17	94.61	57.13	29.90	9.52
OB	15.58	15.65	90.86	138.00	149.61	127.17	94.61	57.13	29.90	9.52
OC	15.58	15.76	31.05	108.84	96.24	101.22	79.78	48.03	31.42	8.20
OD	15.58	16.11	136.66	169.03	175.08	132.24	97.71	58.40	17.49	10.23



H[m]	D[m]	Max lux	Med lux	Alpha=23.0°+23.2°	G=37.0	
1.00	1.50	127	31			
2.00	3.00	32	8			
3.00	4.50	14	3			
4.00	6.00	8	2			
5.00	7.50	5	1			

H[m]	D[m]	Max lux	Med lux	Beta=51.0°+50.7°	G=0.0	
1.00	3.07	127	31			
2.00	6.15	32	8			
3.00	9.22	14	3			
4.00	12.30	8	2			
5.00	15.37	5	1			

Luminaria

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Flujo de Lámpara	469.50 lm	Valor Máximo	175.55 cd	Posición	C=285.00 G=32.50	CG	Sim. en los planos 270-90

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	22.1	23.5	22.4	23.7	24.0	22.5	23.9	22.8	24.1	24.4
x=2H y=3H	23.5	24.8	23.9	25.0	25.3	24.0	25.3	24.4	25.5	25.8
x=2H y=4H	24.2	25.3	24.5	25.6	25.9	24.3	25.5	24.6	25.8	26.1
x=2H y=6H	24.4	25.5	24.7	25.8	26.1	24.4	25.5	24.8	25.8	26.1
x=2H y=8H	24.4	25.5	24.8	25.8	26.1	24.5	25.6	24.9	25.9	26.2
x=2H y=12H	24.5	25.5	24.9	25.9	26.2	24.6	25.6	25.0	26.0	26.3
x=4H y=2H	22.8	24.0	23.1	24.3	24.6	23.2	24.4	23.5	24.6	24.9
x=4H y=3H	24.4	25.4	24.8	25.7	26.1	24.8	25.8	25.2	26.1	26.5
x=4H y=4H	25.1	26.0	25.5	26.3	26.7	25.1	26.0	25.5	26.4	26.7
x=4H y=6H	25.4	26.2	25.8	26.5	27.0	25.3	26.1	25.7	26.5	26.9
x=4H y=8H	25.5	26.2	25.9	26.6	27.0	25.5	26.2	25.9	26.6	27.0
x=4H y=12H	25.7	26.3	26.1	26.7	27.2	25.7	26.3	26.1	26.7	27.2
x=8H y=4H	25.3	26.1	25.8	26.5	26.9	25.3	26.0	25.7	26.4	26.8
x=8H y=6H	25.7	26.3	26.2	26.8	27.2	25.6	26.2	26.1	26.6	27.1
x=8H y=8H	25.9	26.5	26.4	26.9	27.4	25.8	26.4	26.3	26.8	27.3
x=8H y=12H	26.2	26.6	26.7	27.1	27.6	26.2	26.6	26.6	27.1	27.6
x=12H y=4H	25.4	26.0	25.8	26.4	26.9	25.3	26.0	25.7	26.4	26.8
x=12H y=6H	25.8	26.3	26.3	26.8	27.2	25.6	26.2	26.1	26.6	27.1
x=12H y=8H	26.0	26.5	26.5	26.9	27.4	25.9	26.4	26.4	26.8	27.3

Luminaria
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Flujo de Lámpara	469.50 lm	Valor Máximo	175.55 cd	Posición	C=285.00 G=32.50	CG	Sim. en los planos 270-90

Flujo Total=469.50 Flujo Luminaria=469.50

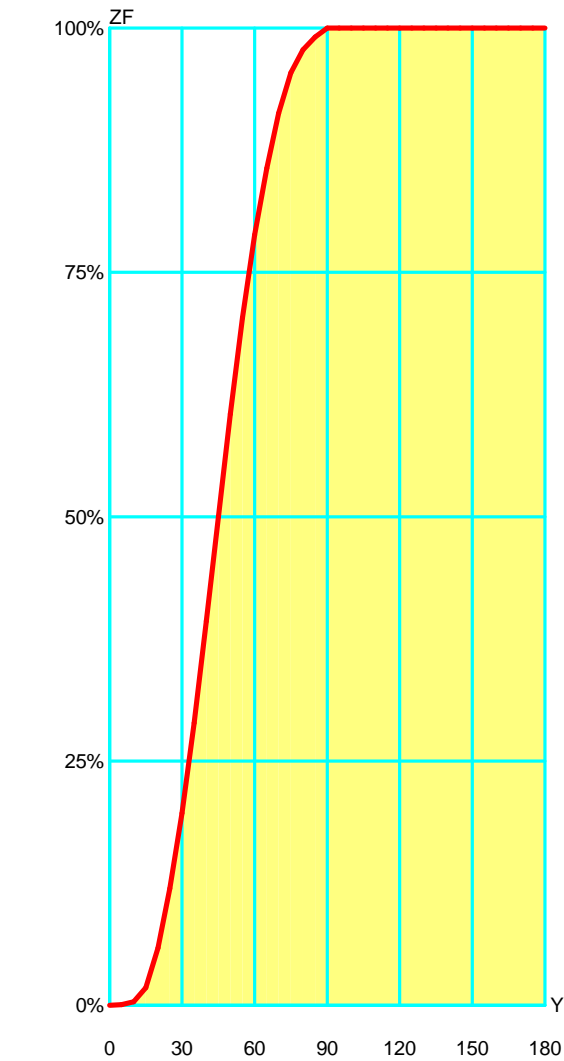
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.26	0.35	0.43	0.51	0.57	0.66	0.72	0.76	0.82	0.85	0.91	0.95
RC	6	6	6	5	5	5	5	5	5	5	6	6

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)	4	59	197	393	605	789	913	978	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
42 79 95 100 100

C.I.E.	6/6/6/5/5/5/5/5/6/6	LOR	100.00000 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 E	DLOR	100.00000 %
B NBN	BZ 5	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°	0.78	0.78	0.08 %	0.08 %
10°	2.88	3.66	0.29 %	0.37 %
15°	14.24	17.90	1.42 %	1.79 %
20°	40.67	58.58	4.07 %	5.86 %
25°	61.04	119.62	6.10 %	11.96 %
30°	77.01	196.63	7.70 %	19.66 %
35°	92.19	288.81	9.22 %	28.88 %
40°	104.11	392.93	10.41 %	39.29 %
45°	107.37	500.30	10.74 %	50.03 %
50°	104.84	605.14	10.48 %	60.51 %
55°	98.55	703.69	9.85 %	70.37 %
60°	84.89	788.57	8.49 %	78.86 %
65°	68.11	856.68	6.81 %	85.67 %
70°	56.05	912.73	5.61 %	91.27 %
75°	41.44	954.17	4.14 %	95.42 %
80°	23.43	977.61	2.34 %	97.76 %
85°	13.18	990.79	1.32 %	99.08 %
90°	9.21	1000.00	0.92 %	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 %

Luminaria
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Isolux (Suelo)

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

