

Luminaria

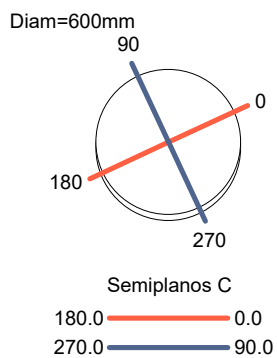
Código O-LN S 60
Nombre OH-LINE 60

Ensayo

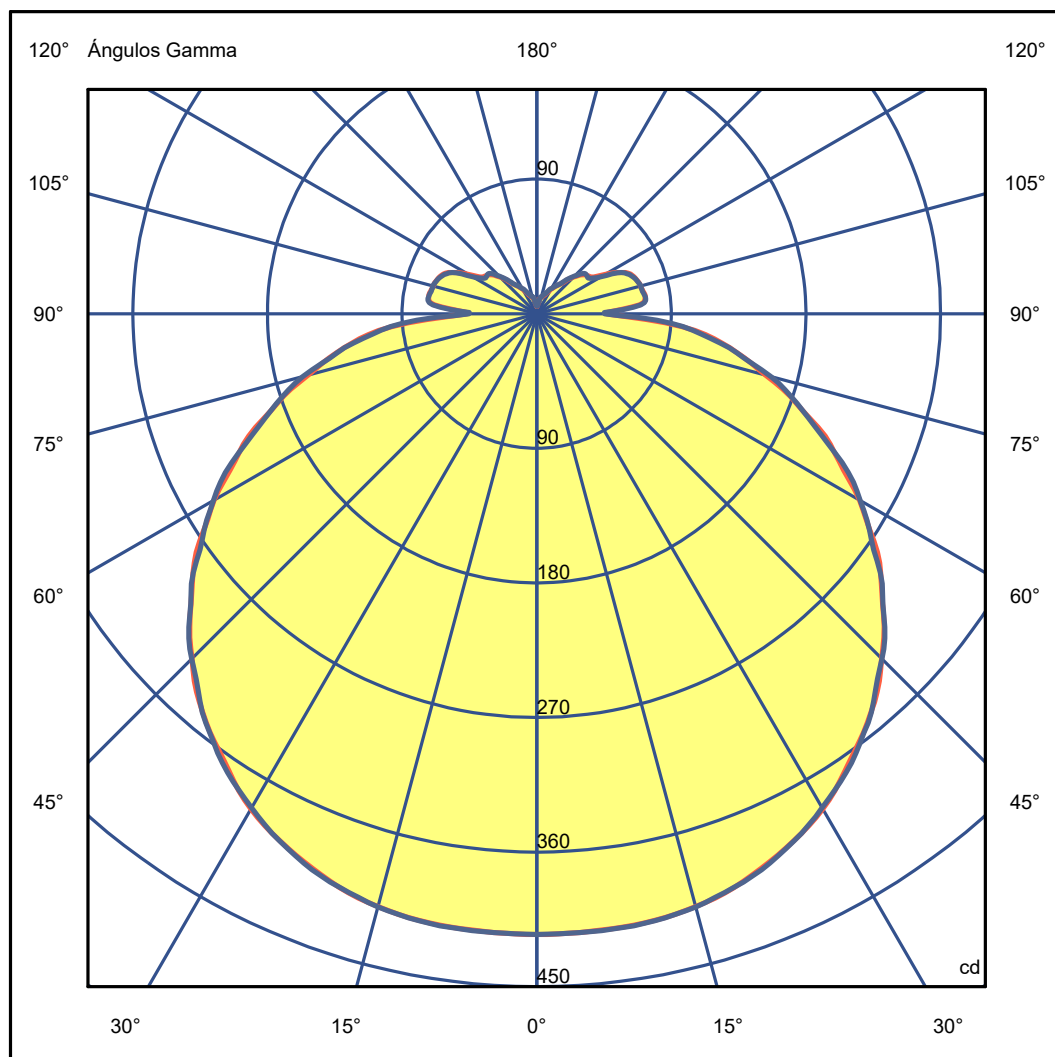
Código CL135A21F001GE2
Nombre OH-LINE 60

Flujo Luminaria	1851.97 lm	Potencia Luminaria	38.70 W	Eficacia	47.85 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	600 mm	Altura	50 mm		
Área Luminosa Redonda		Diam.	598 mm	Altura	0 mm		
Área Luminosa Horizontal		0.280862 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°		0.067947 m2	
Sist. de Coordn.		CG		Tipo de Simetría		Bisimétrico	
Fecha		22-02-2021		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		1851.96 lm	
Operador		ASSELUM		Tensión Nominal			
Temperatura		25.30 °C		Corriente Nominal			
Humedad		41.70 %		Fotocélula		Prc	
Notas							

Fuentes de luz de la Luminaria						
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.	
	LED strip 3000K	LED strip 3000K	1851.97	38.70	1	
C.I.E.	39 69 89 84 100	D DIN 5040	B21			
F UTE	0.84 G + 0.16 T	B NBN	BZ 6			



ULOR 16.08 %
DLOR 83.92 %
RN 16.08 %



Luminaria

Código O-LN S 60

Nombre OH-LINE 60

Ensayo

Código CL135A21F001GE2

Nombre OH-LINE 60

Flujo Luminaria	1851.97 lm	Potencia Luminaria	38.70 W	Eficacia	47.85 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	
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	415.06	415.01	414.97	414.96	414.97	415.01	415.03
G 2.5	414.85	414.83	414.83	414.86	414.85	414.84	414.84
G 5.0	414.48	414.51	414.57	414.62	414.64	414.66	414.67
G 7.5	414.16	414.15	414.19	414.26	414.36	414.44	414.48
G 10.0	413.56	413.48	413.47	413.54	413.68	413.83	413.90
G 12.5	412.31	412.20	412.19	412.25	412.35	412.44	412.48
G 15.0	410.40	410.27	410.29	410.37	410.46	410.52	410.55
G 17.5	407.85	407.68	407.64	407.62	407.55	407.46	407.42
G 20.0	403.82	403.59	403.56	403.68	403.89	404.08	404.17
G 22.5	399.02	398.58	398.46	398.67	399.19	399.75	400.00
G 25.0	394.09	393.73	393.67	393.81	394.06	394.29	394.40
G 27.5	388.73	388.38	388.36	388.47	388.52	388.52	388.52
G 30.0	382.41	382.20	382.37	382.44	382.12	381.64	381.40
G 32.5	374.10	373.65	373.58	373.73	373.95	374.16	374.25
G 35.0	364.76	364.11	364.00	364.42	365.30	366.21	366.63
G 37.5	356.59	356.03	356.00	356.28	356.68	357.02	357.17
G 40.0	347.65	347.14	347.19	347.48	347.74	347.90	347.96
G 42.5	338.02	337.76	338.08	338.18	337.50	336.54	336.06
G 45.0	326.02	325.37	325.32	325.57	325.89	326.15	326.25
G 47.5	314.84	312.98	312.28	313.05	314.06	315.21	315.76
G 50.0	301.78	301.08	301.08	301.41	301.73	301.95	302.04
G 52.5	289.98	289.36	289.53	289.98	290.32	290.50	290.55
G 55.0	277.97	277.71	278.07	278.04	276.99	275.60	274.91
G 57.5	262.34	262.28	263.20	263.98	263.80	263.12	262.72
G 60.0	249.23	247.76	247.33	247.65	248.41	249.18	249.54
G 62.5	233.12	232.51	232.88	233.90	235.21	236.35	236.84
G 65.0	219.69	219.27	219.69	220.22	220.31	220.11	219.97
G 67.5	206.36	206.13	206.55	206.56	205.48	204.03	203.30
G 70.0	189.06	189.57	191.26	192.38	191.70	190.19	189.35
G 72.5	175.08	174.98	175.57	176.18	176.30	176.12	175.98
G 75.0	158.45	157.75	158.10	159.12	160.39	161.49	161.95
G 77.5	144.77	144.41	144.84	145.27	145.13	144.68	144.42
G 80.0	130.94	130.49	130.83	131.24	131.17	130.84	130.64
G 82.5	116.69	116.39	116.68	116.62	115.61	114.29	113.64
G 85.0	97.41	96.67	96.73	97.18	97.69	98.07	98.23
G 87.5	67.55	66.32	67.05	68.98	71.35	73.36	74.21
G 90.0	46.69	49.41	52.76	54.11	51.30	47.35	45.32
G 92.5	53.64	54.88	55.40	55.43	55.22	54.95	54.82
G 95.0	68.88	67.75	66.24	64.96	66.62	68.90	69.78
G 97.5	72.98	72.13	71.26	71.01	71.71	72.77	73.43
G100.0	73.34	72.40	71.48	71.12	71.67	72.56	73.03
G102.5	72.36	71.69	71.08	70.75	71.11	71.68	72.05
G105.0	71.76	71.05	70.38	70.06	70.63	71.50	71.94
G107.5	71.16	69.97	68.99	68.41	69.16	70.32	70.96
G110.0	69.92	66.85	64.27	62.66	64.65	67.94	69.67
G112.5	68.44	62.14	55.36	52.70	57.00	64.01	67.69
G115.0	65.30	57.41	49.27	46.26	51.63	60.21	64.69
G117.5	59.55	53.75	48.35	46.55	50.19	55.85	58.79
G120.0	52.67	51.87	51.78	51.65	50.98	50.14	49.72
G122.5	46.24	49.34	53.08	54.40	51.38	46.75	44.34
G125.0	43.36	47.00	50.84	52.06	48.95	44.27	41.85
G127.5	42.31	44.89	47.40	48.19	46.32	43.46	41.99
G130.0	40.80	42.19	43.54	44.14	43.55	42.47	41.90
G132.5	38.07	39.09	40.14	40.69	40.35	39.64	39.34
G135.0	34.91	35.95	37.00	37.46	36.93	36.00	35.63
G137.5	31.52	32.42	33.44	33.90	33.39	32.47	31.98
G140.0	27.56	28.36	29.37	29.94	29.64	28.94	28.55
G142.5	24.86	25.62	26.54	26.95	26.44	25.55	25.07
G145.0	22.70	23.38	24.20	24.62	24.32	23.69	23.35
G147.5	20.91	21.42	22.06	22.39	22.14	21.63	21.36
G150.0	18.96	19.30	19.76	20.05	20.00	19.79	19.66
G152.5	16.91	17.08	17.37	17.66	17.86	17.96	17.99
G155.0	15.33	15.48	15.71	15.90	15.92	15.84	15.79
G157.5	13.80	14.02	14.31	14.56	14.68	14.71	14.71
G160.0	12.77	13.03	13.35	13.60	13.70	13.69	13.66
G162.5	11.99	12.05	12.19	12.35	12.50	12.62	12.61
G165.0	11.52	11.55	11.56	11.58	11.63	11.70	11.74
G167.5	11.13	10.77	10.57	10.63	10.99	11.42	11.63
G170.0	9.79	9.72	9.76	9.81	9.81	9.78	9.76
G172.5	8.12	8.09	8.16	8.16	7.99	7.76	7.65
G175.0	6.16	6.15	6.17	6.18	6.14	6.07	6.04
G177.5	5.30	5.23	5.18	5.17	5.23	5.30	5.33
G180.0	5.03	5.00	4.96	4.96	4.99	5.04	5.06

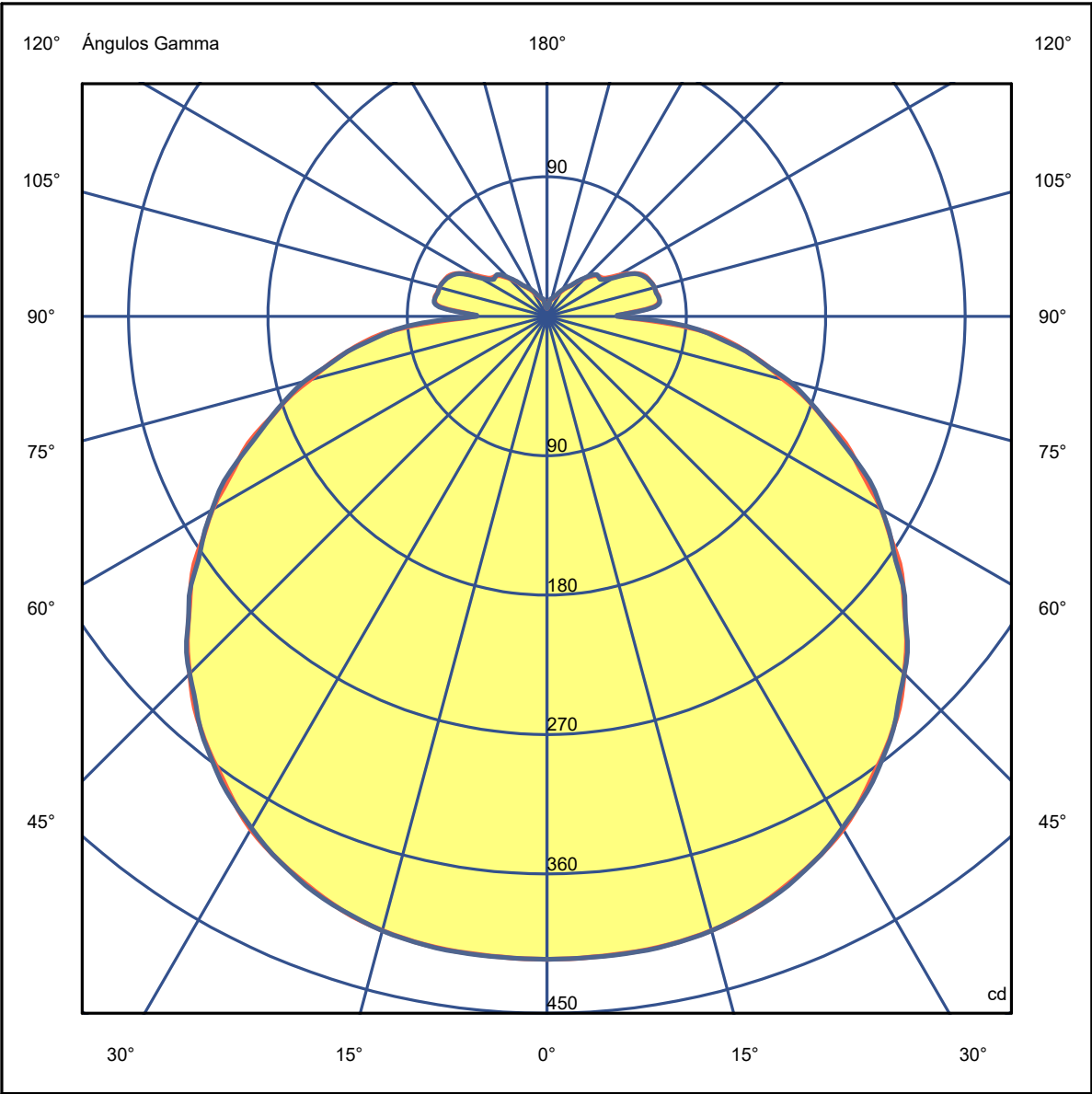
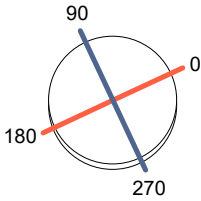
Luminaria
Código O-LN S 60
Nombre OH-LINE 60
Ensayo
Código CL135A21F001GE2
Nombre OH-LINE 60

Flujo Luminaria	1851.97 lm	Potencia Luminaria	38.70 W	Eficacia	47.85 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

Diam=600mm

Semiplanos C

180.0 0.0
270.0 90.0



Luminaria

Código O-LN S 60

Nombre OH-LINE 60

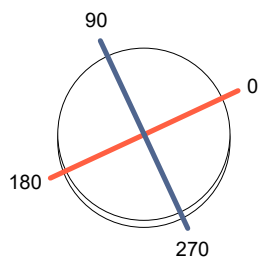
Ensayo

Código CL135A21F001GE2

Nombre OH-LINE 60

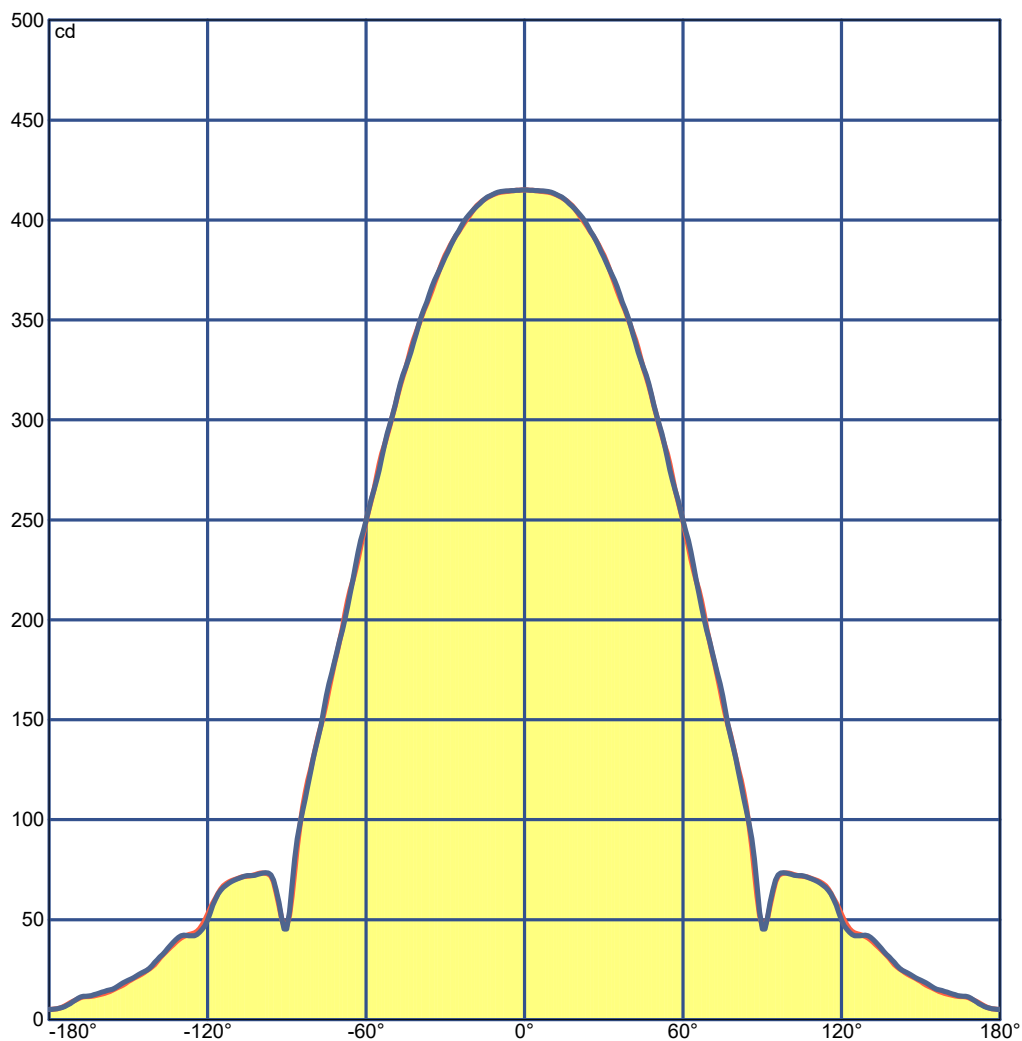
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Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=600mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



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Nombre OH-LINE 60

Ensayo

Código CL135A21F001GE2

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Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

Flujo Total=1851.97 Flujo Luminaria=1851.97

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	0.25	0.32	0.39	0.46	0.52	0.60	0.66	0.71	0.76	0.80	0.89	0.94
RC	6	7	7	7	7	7	7	7	7	7	7	7

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)	21	84	182	306	442	575	693	784	839	877	917	947	970	986	994	998	1000	1000

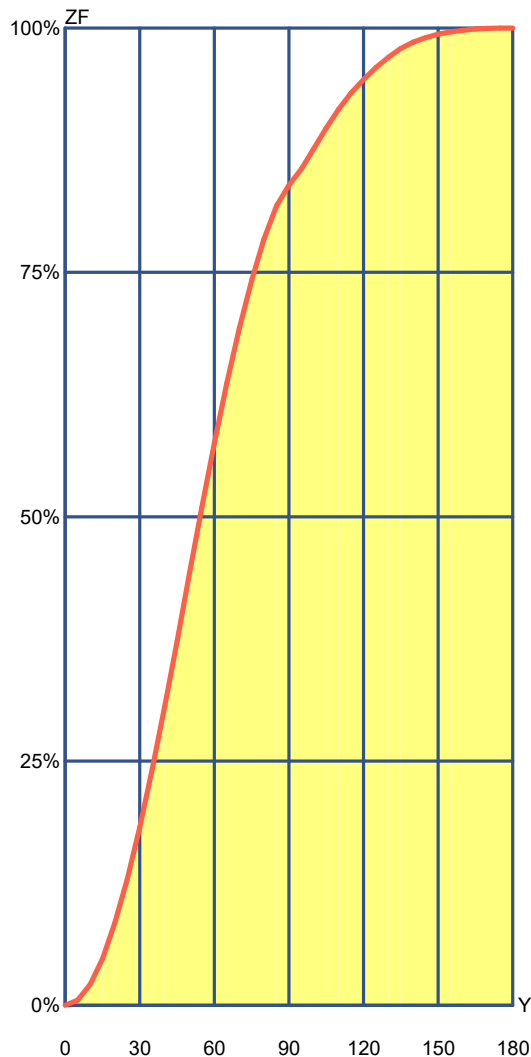
Códigos de Flujo C.I.E.

39 69 89 84 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

6/7/7/7/7/7/7/7/7/7/7
B21
0.84 G + 0.16 T
BZ 6
16.08255 %
1.0

LOR 100.00000 %
ULOR 16.08255 %
DLOR 83.91745 %
UFF 16.08255 %
DFF 83.91745 %
FFR 19.16473 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	5.35	5.35	0.54 %	0.54 %
10°	16.00	21.35	1.60 %	2.14 %
15°	26.40	47.75	2.64 %	4.78 %
20°	36.24	84.00	3.62 %	8.40 %
25°	45.17	129.17	4.52 %	12.92 %
30°	53.05	182.22	5.30 %	18.22 %
35°	59.41	241.62	5.94 %	24.16 %
40°	64.19	305.81	6.42 %	30.58 %
45°	67.38	373.18	6.74 %	37.32 %
50°	68.43	441.62	6.84 %	44.16 %
55°	67.99	509.61	6.80 %	50.96 %
60°	65.61	575.22	6.56 %	57.52 %
65°	61.46	636.68	6.15 %	63.67 %
70°	56.16	692.85	5.62 %	69.28 %
75°	49.51	742.36	4.95 %	74.24 %
80°	41.89	784.25	4.19 %	78.42 %
85°	33.73	817.97	3.37 %	81.80 %
90°	21.20	839.17	2.12 %	83.92 %
95°	16.82	855.99	1.68 %	85.60 %
100°	20.79	876.78	2.08 %	87.68 %
105°	20.65	897.43	2.06 %	89.74 %
110°	19.50	916.92	1.95 %	91.69 %
115°	16.46	933.39	1.65 %	93.34 %
120°	13.84	947.23	1.38 %	94.72 %
125°	12.42	959.65	1.24 %	95.97 %
130°	10.65	970.30	1.06 %	97.03 %
135°	8.67	978.97	0.87 %	97.90 %
140°	6.57	985.54	0.66 %	98.55 %
145°	4.73	990.28	0.47 %	99.03 %
150°	3.47	993.75	0.35 %	99.37 %
155°	2.42	996.16	0.24 %	99.62 %
160°	1.65	997.81	0.16 %	99.78 %
165°	1.11	998.92	0.11 %	99.89 %
170°	0.70	999.61	0.07 %	99.96 %
175°	0.31	999.93	0.03 %	99.99 %
180°	0.07	1000.00	0.01 %	100.00 %

Luminaria

Código O-LN S 60

Nombre OH-LINE 60

Ensayo

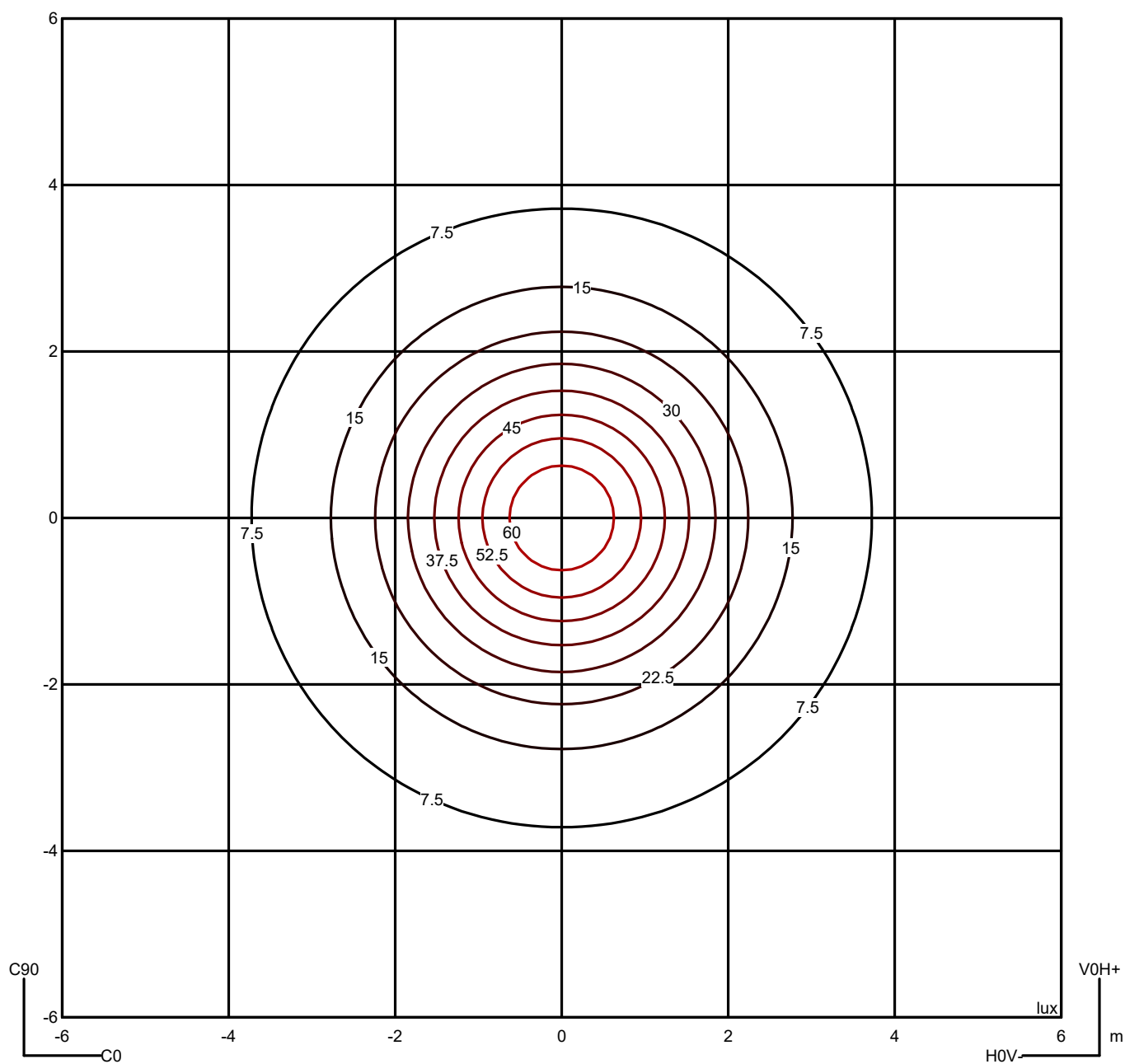
Código CL135A21F001GE2

Nombre OH-LINE 60

Flujo Luminaria	1851.97 lm	Potencia Luminaria	38.70 W	Eficacia	47.85 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

Isolux (Suelo)

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



Ensayo
Código CL135A21F001GE2
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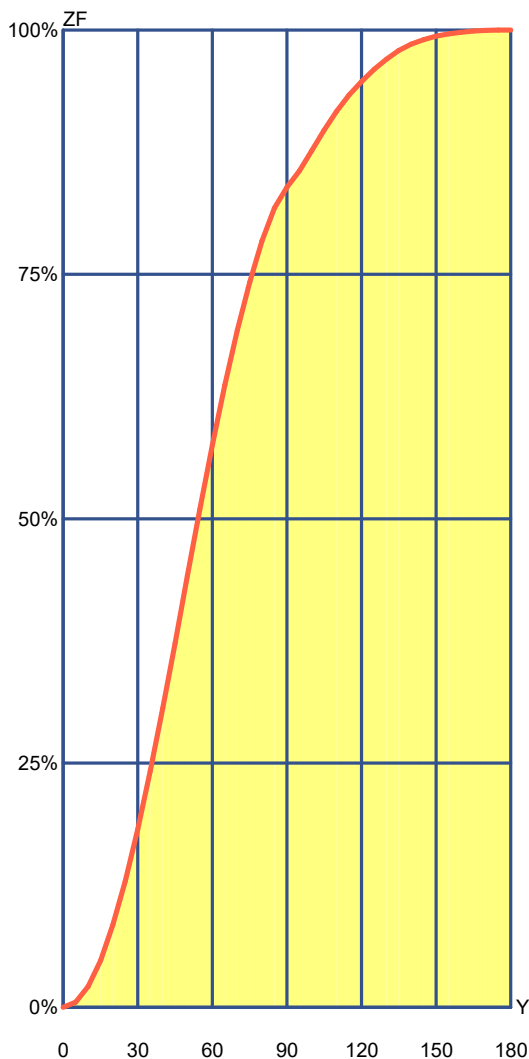
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Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

[illegible]

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	21	84	182	306	442	575	693	784	839	877	917	947	970	986	994	998	1000	1000

C.I.E.	6777777777777777
D DIN 5040	B21
F UTE	0.84 G + 0.16 T
B NBN	BZ 6
RN	16.08255 %
BLF	1.0

LOR	100.00000 %
ULOR	16.08255 %
DLOR	83.91745 %
UFF	16.08255 %
DFF	83.91745 %
FFR	19.16473 %



Flujo Zonal				
Gamma °	Flujo	Suma Im	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	5.35	5.35	0.54 %	0.54 %
10°	16.00	21.35	1.60 %	2.14 %
15°	26.40	47.75	2.64 %	4.78 %
20°	36.24	84.00	3.62 %	8.40 %
25°	45.17	129.17	4.52 %	12.92 %
30°	53.05	182.22	5.30 %	18.22 %
35°	59.41	241.62	5.94 %	24.16 %
40°	64.19	305.81	6.42 %	30.58 %
45°	67.38	373.18	6.74 %	37.32 %
50°	68.43	441.62	6.84 %	44.16 %
55°	67.99	509.61	6.80 %	50.96 %
60°	65.61	575.22	6.56 %	57.52 %
65°	61.46	636.68	6.15 %	63.67 %
70°	56.16	692.85	5.62 %	69.28 %
75°	49.51	742.36	4.95 %	74.24 %
80°	41.89	784.25	4.19 %	78.42 %
85°	33.73	817.97	3.37 %	81.80 %
90°	21.20	839.17	2.12 %	83.92 %
95°	16.82	855.99	1.68 %	85.60 %
100°	20.79	876.78	2.08 %	87.68 %
105°	20.65	897.43	2.06 %	89.74 %
110°	19.50	916.92	1.95 %	91.69 %
115°	16.46	933.39	1.65 %	93.34 %
120°	13.84	947.23	1.38 %	94.72 %
125°	12.42	959.65	1.24 %	95.97 %
130°	10.65	970.30	1.06 %	97.03 %
135°	8.67	978.97	0.87 %	97.90 %
140°	6.57	985.54	0.66 %	98.55 %
145°	4.73	990.28	0.47 %	99.03 %
150°	3.47	993.75	0.35 %	99.37 %
155°	2.42	996.16	0.24 %	99.62 %
160°	1.65	997.81	0.16 %	99.78 %
165°	1.11	998.92	0.11 %	99.89 %
170°	0.70	999.61	0.07 %	99.96 %
175°	0.31	999.93	0.03 %	99.99 %
180°	0.07	1000.00	0.01 %	100.00 %

Luminaria

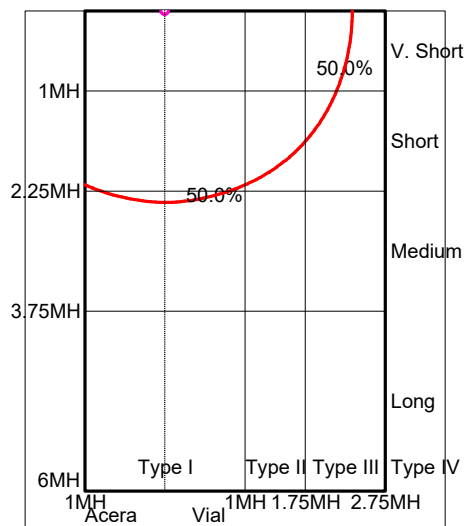
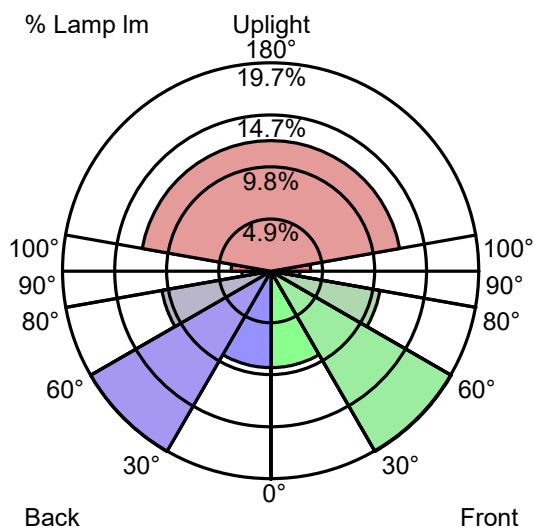
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Nombre OH-LINE 60

Ensayo

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Nombre OH-LINE 60

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Flujo Fuentes de luz	1851.97 lm	Valor Máximo	415.06 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

US ROAD STANDARDS



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	168.7 lm	9.1 %	9.1 %
FM	30° -- 60°	364.0 lm	19.7 %	19.7 %
FH	60° -- 80°	193.6 lm	10.5 %	10.5 %
FVH	80° -- 90°	50.7 lm	2.7 %	2.7 %
BL	0° -- 30°	168.7 lm	9.1 %	9.1 %
BM	30° -- 60°	364.0 lm	19.7 %	19.7 %
BH	60° -- 80°	193.6 lm	10.5 %	10.5 %
BVH	80° -- 90°	50.7 lm	2.7 %	2.7 %
UL	90° -- 100°	69.4 lm	3.7 %	3.7 %
UH	100° -- 180°	228.3 lm	12.3 %	12.3 %
TOTALS		1852.0 lm	100.0 %	100.0 %
BUG B1 U3 G1 Type V Very Short Quadrilateral Symmetry				