

Luminaria

Código A734-002-39-27K
Nombre Domus B 37
Familia

Ensayo

Código CL041A25F010G
Nombre Domus B 37

Datos Fuente de luz

Código LED
Nombre LED COB 6W 350mA 2700K
Familia

Temp. de Color Correlacionada (TCP) 0K
Índice repr. Cromática (CRI) 0

Cant. 1

Datos del Ensayo

Sist. de Coordn. CG
Fecha 30-04-2025
Distancia de Ensayo 6.49m
Máximo 1836.02 cd/klm
Notas RM25032702

Tipo de Simetría
Máximo Ángulo Gamma
Flujo de Ensayo
Posición

Asimétrico
180°
106.8 lm
C=90.0° G=57.5°

Parám. Eléctricos

Canal 1
Tensión 230.14 V
Corriente 0.04 A
Potencia 7.97 W
Frecuencia 0 Hz
Factor de Potencia 0.93

Canal 2
Tensión 0.00 V
Corriente 0.00 A
Potencia 0.00 W
Frecuencia 0 Hz
Factor de Potencia 0.00

Parámetros Ambientales

Temperatura 24.5 °C
Humedad 44.2 %

Velocidad del Aire 0.0 m/s

Dim. de la Luminaria

Luminaria Rectangular
Área Luminosa Rectangular

Longit.
Longit.

140 mm
100 mm

Anchura 80 mm
Anchura 70 mm

Altura 80 mm
Altura 80 mm

Área Luminosa Horizontal 0.007000 m2
Área Emisión sobre Pl. 0° 0.008000 m2
Área Emisión sobre Pl. 90° 0.005600 m2

Área Emisión sobre Pl. 180° 0.008000 m2
Área Emisión sobre Pl. 270° 0.005600 m2
Área de deslumbramiento a 76° 0.009456 m2

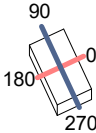
Análisis Fotométrico

Flujo Luminaria 106.8 lm
Eficacia 13.398 lm/W
Códigos de Flujo C.I.E. 27 64 95 99 100
F UTE 0.99 I + 0.01 T

Flujo Fuente 106.8 lm
Eficiencia 100.0 %
D DIN 5040 A11
B NBN BZ 8 / 0.8 / BZ 7 / 1 / BZ 6 / 3 / BZ 5

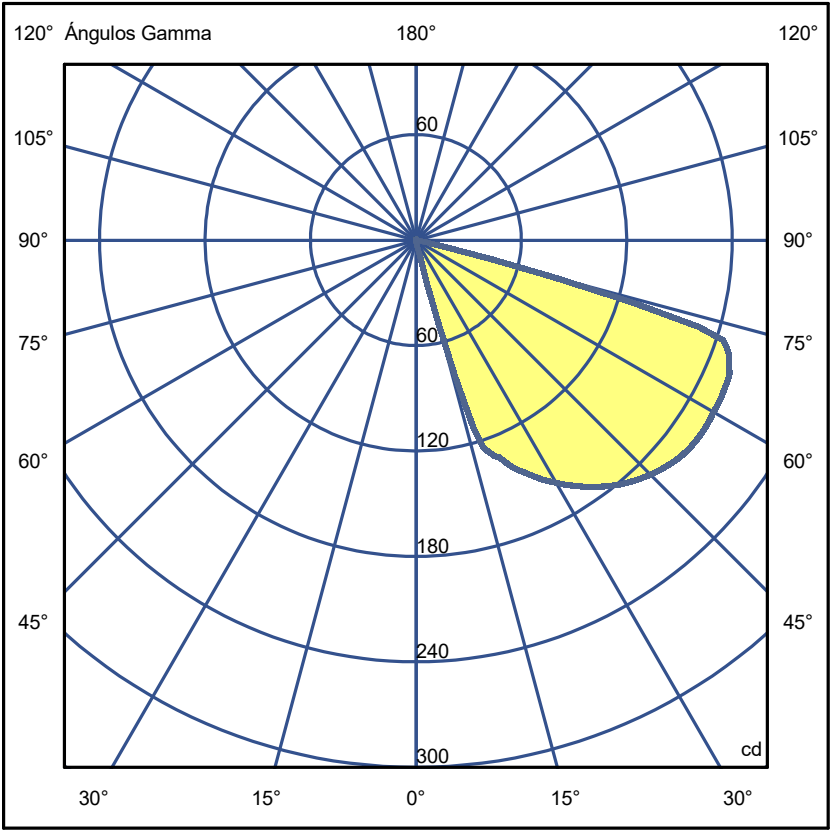


140mm x 80mm



Semiplanos C
180.0 0.0
270.0 90.0

ULOR 0.63 %
DLOR 99.37 %
RN 0.63 %



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Flujo Luminaria	107 lm	Potencia Luminaria		8.0 W		Eficacia		13.398 lm/W		Eficiencia		100.00%	
Flujo Fuente	107 lm	Valor Máximo		196.13 cd		Posición		C=90.00 G=57.50		CG		Asimétrico	
Tabla de Intensidad Luminosa cd													
Tabla 1/2													
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 2.5	0	0	0	0	0	0	0	1	1	0	0	1	0
G 5.0	0	0	0	0	1	1	1	1	1	1	1	1	0
G 7.5	0	0	0	0	1	2	2	2	2	2	1	1	0
G 10.0	0	0	0	1	2	3	3	3	3	2	1	1	0
G 12.5	0	0	0	1	2	4	4	5	4	3	2	1	0
G 15.0	0	0	0	1	4	9	49	111	6	3	2	1	0
G 17.5	0	0	0	2	5	66	122	120	9	5	2	1	0
G 20.0	0	0	0	3	7	128	131	129	10	6	3	1	0
G 22.5	0	0	0	3	8	136	139	137	11	8	3	1	0
G 25.0	0	0	1	4	8	143	146	144	12	8	3	1	0
G 27.5	0	0	1	4	8	149	153	150	12	9	4	1	0
G 30.0	0	0	1	5	8	156	159	156	13	9	4	1	0
G 32.5	0	0	1	5	8	162	166	162	13	9	4	1	0
G 35.0	0	0	1	5	8	167	171	167	13	9	4	1	0
G 37.5	0	0	1	5	8	172	177	172	13	9	4	1	0
G 40.0	0	0	1	5	8	176	181	176	13	9	4	1	0
G 42.5	0	0	1	4	8	180	185	180	13	9	4	1	0
G 45.0	0	0	1	4	7	183	189	183	13	8	4	1	0
G 47.5	0	0	1	4	7	186	192	186	13	8	4	1	0
G 50.0	0	0	1	4	6	188	194	187	12	8	4	1	0
G 52.5	0	0	1	4	6	189	195	189	12	7	4	1	0
G 55.0	0	0	1	3	6	190	196	189	11	7	3	1	0
G 57.5	0	0	1	3	5	189	196	189	10	7	3	1	0
G 60.0	0	0	1	3	5	188	196	188	10	6	3	1	0
G 62.5	0	0	1	3	4	188	196	187	9	6	3	1	0
G 65.0	0	0	1	3	4	187	195	186	8	6	3	1	0
G 67.5	0	0	0	3	4	185	193	184	8	5	3	1	0
G 70.0	0	0	0	2	3	181	190	181	7	5	2	1	0
G 72.5	0	0	0	2	3	114	182	177	6	4	2	1	0
G 75.0	0	0	0	2	3	7	82	169	5	4	2	1	0
G 77.5	0	0	0	2	2	3	10	111	4	3	2	1	0
G 80.0	0	0	0	1	2	2	2	17	3	3	2	1	0
G 82.5	0	0	0	1	1	1	1	3	2	2	2	1	0
G 85.0	0	0	0	1	1	1	1	1	2	2	1	1	0
G 87.5	0	0	0	1	1	1	0	1	1	2	1	1	0
G 90.0	0	0	0	1	1	1	0	1	1	1	1	0	0
G 92.5	0	0	0	0	1	0	0	0	1	1	1	0	0
G 95.0	0	0	0	0	0	0	0	0	1	1	1	0	0
G 97.5	0	0	0	0	0	0	0	0	0	1	1	0	0
G100.0	0	0	0	0	0	0	0	0	0	1	0	0	0
G102.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G105.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G107.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G110.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G112.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G115.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G117.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G122.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G127.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G132.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G137.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G142.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G147.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G152.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G157.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G160.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G162.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G165.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G167.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G170.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G172.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G177.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G180.0	1	1	1	1	1	1	1	1	1	1	1	1	1

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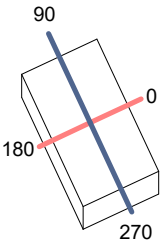
Nombre Domus B 37

Flujo Luminaria	107 lm	Potencia Luminaria				8.0 W	Eficacia		13.398 lm/W		Eficiencia		100.00%
Flujo Fuente	107 lm	Valor Máximo				196.13 cd	Posición		C=90.00 G=57.50		CG		Asimétrico
Tabla de Intensidad Luminosa cd													
Tabla 2/2													
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00		
G 0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 2.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 7.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 12.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 15.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 17.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 20.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 22.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 25.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 27.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 30.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 32.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 35.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 37.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 40.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 42.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 45.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 47.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 50.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 52.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 55.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 57.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 60.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 62.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 65.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 67.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 72.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 77.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 82.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 87.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 92.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G 95.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 97.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G100.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G102.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G105.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G107.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G110.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G112.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G115.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G117.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G122.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G127.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G132.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G137.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G142.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G147.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G152.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G157.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G160.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G162.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G165.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G167.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G170.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G172.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G177.5	0	0	0	0	0	0	0	0	0	0	0	0	0
G180.0	1	1	1	1	1	1	1	1	1	1	1	1	1

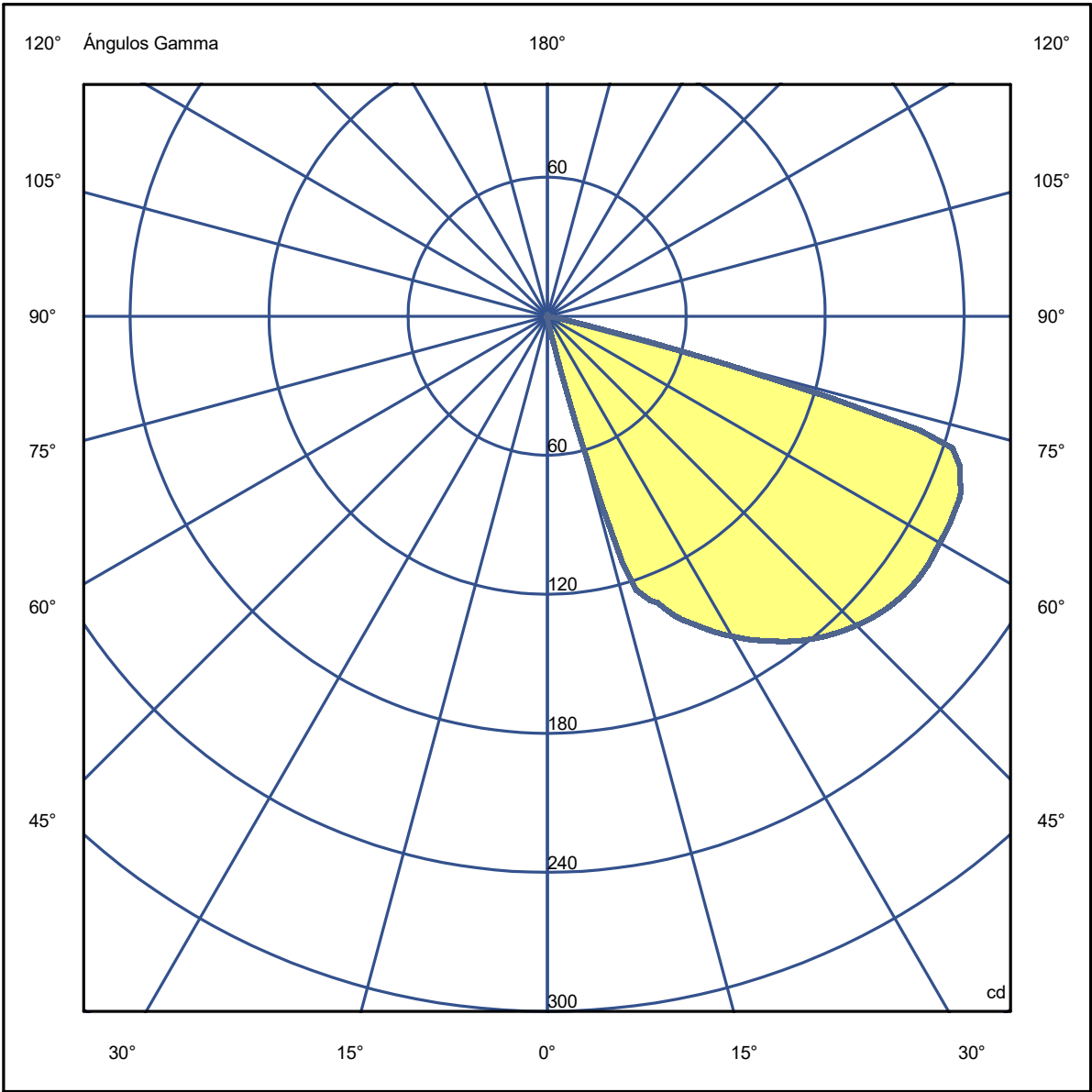
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Flujo Luminaria	107 lm	Potencia Luminaria	8.0 W	Eficacia	13.398 lm/W	Eficiencia	100.00%
Flujo Fuente	107 lm	Valor Máximo	196.13 cd	Posición	C=90.00 G=57.50	CG	Asimétrico

140mm x 80mm



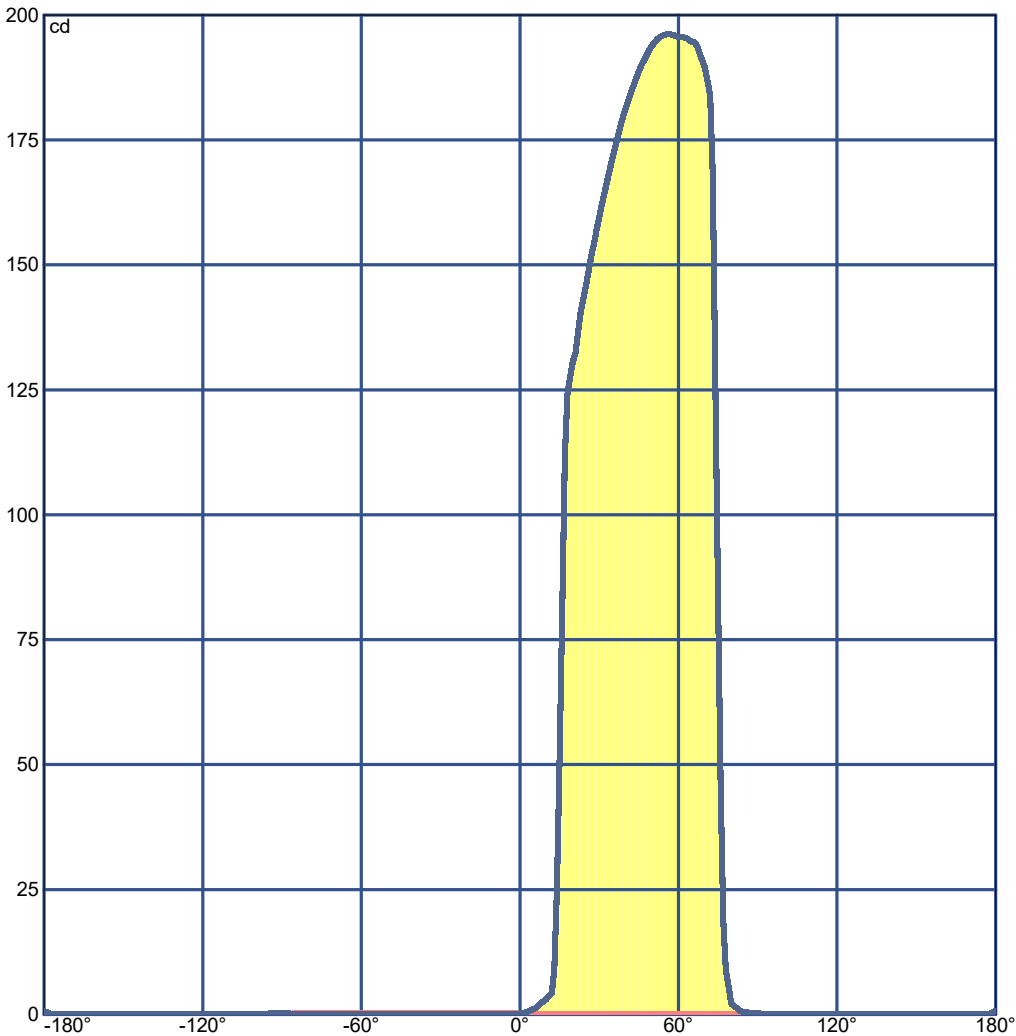
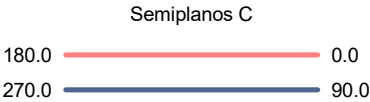
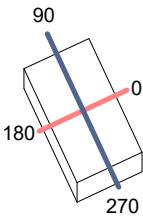
Semiplanos C



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UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Local										
Mista Lateral						Vista Longitudinal				
x=2H y=2H	< 0	0.0	< 0	0.3	0.6	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	0.2	< 0	0.5	0.8	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	0.2	< 0	0.5	0.8	< 0	< 0	< 0	< 0	< 0
x=2H y=6H	< 0	0.1	< 0	0.4	0.8	< 0	< 0	< 0	< 0	< 0
x=2H y=8H	< 0	0.1	< 0	0.4	0.8	< 0	< 0	< 0	< 0	< 0
x=2H y=12H	< 0	0.0	< 0	0.4	0.7	< 0	< 0	< 0	< 0	< 0
x=4H y=2H	8.3	9.7	8.7	10.0	10.3	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	8.3	9.5	8.7	9.8	10.2	< 0	< 0	< 0	< 0	< 0
x=4H y=4H	8.3	9.3	8.7	9.7	10.1	< 0	< 0	< 0	< 0	< 0
x=4H y=6H	8.2	9.2	8.7	9.6	10.0	< 0	< 0	< 0	< 0	< 0
x=4H y=8H	8.2	9.1	8.7	9.5	9.9	< 0	< 0	< 0	< 0	< 0
x=4H y=12H	8.2	9.0	8.7	9.4	9.8	< 0	< 0	< 0	< 0	< 0
x=8H y=4H	13.6	14.4	14.1	14.9	15.3	< 0	< 0	< 0	< 0	< 0
x=8H y=6H	13.6	14.3	14.0	14.7	15.2	< 0	< 0	< 0	< 0	< 0
x=8H y=8H	13.6	14.2	14.1	14.6	15.1	< 0	< 0	< 0	< 0	< 0
x=8H y=12H	13.5	14.0	14.1	14.5	15.0	< 0	< 0	< 0	< 0	< 0
x=12H y=4H	14.0	14.8	14.5	15.2	15.7	< 0	< 0	< 0	< 0	< 0
x=12H y=6H	14.0	14.6	14.5	15.1	15.5	< 0	< 0	< 0	< 0	< 0
x=12H y=8H	14.0	14.5	14.5	15.0	15.5	< 0	< 0	< 0	< 0	< 0

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Flujo Fuente	107 lm	Valor Máximo	196.13 cd	Posición	C=90.00 G=57.50	CG	Asimétrico

Could not find 90270 right beam anglegamma0180=-12

Could not find 90270 right beam anglegamma0180=-12

Could not find 90270 right beam anglegamma0180=-12

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Nombre Domus B 37
Ensayo
Código CL041A25F010G
Nombre Domus B 37

Flujo Luminaria	107 lm	Potencia Luminaria	8.0 W	Eficacia	13.398 lm/W	Eficiencia	100.00%
Flujo Fuente	107 lm	Valor Máximo	196.13 cd	Posición	C=90.00 G=57.50	CG	Asimétrico

Flujo Total=106.82 Flujo Luminaria=106.82

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	0.16	0.24	0.32	0.40	0.46	0.57	0.65	0.70	0.78	0.82	0.92	0.97
RC	9	8	8	8	7	7	7	7	6	6	5	3

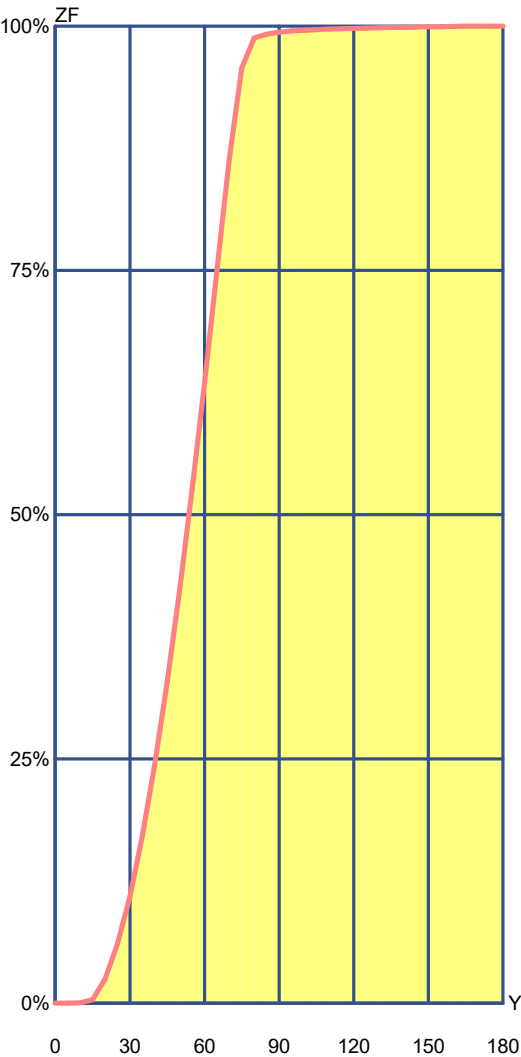
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	24	110	244	423	635	864	988	994	996	997	998	998	999	999	1000	1000	1000

Códigos de Flujo C.I.E.
27 64 95 99 100

C.I.E. 9/8/8/8/7/7/7/6/6/5/3
D DIN 5040 A11
F UTE 0.99 I + 0.01 T
B NBN BZ 8 / 0.8 / BZ 7 / 1 / BZ 6 / 3 / BZ 5
RN 0.63139 %
BLF 1.0

LOR 100.00000 %
ULOR 0.63139 %
DLOR 99.36861 %
UFF 0.63139 %
DFF 99.36861 %
FFR 0.63540 %



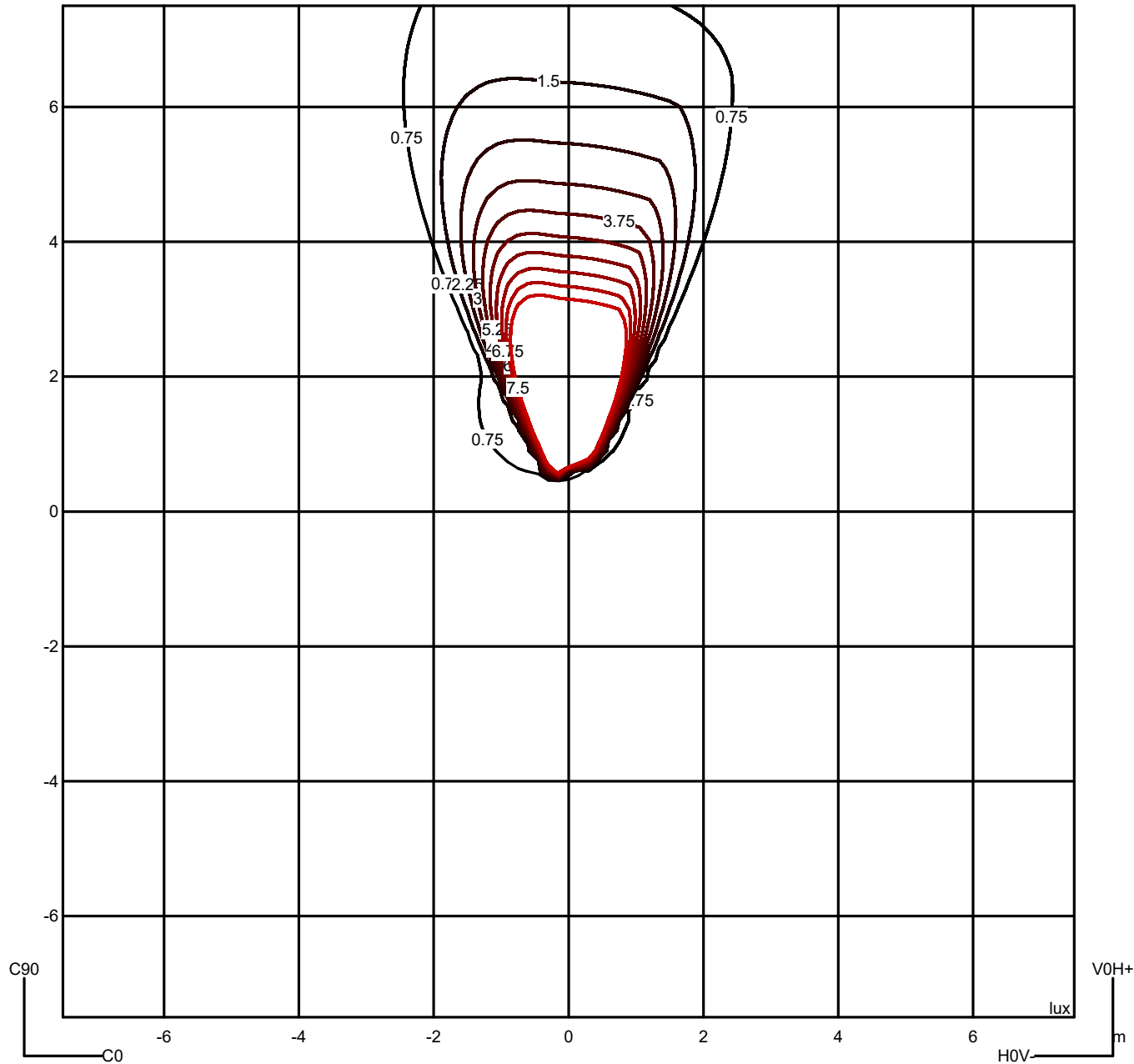
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.06	0.06	0.01 %	0.01 %
10°	0.42	0.48	0.04 %	0.05 %
15°	3.21	3.69	0.32 %	0.37 %
20°	20.74	24.43	2.07 %	2.44 %
25°	36.47	60.90	3.65 %	6.09 %
30°	48.61	109.51	4.86 %	10.95 %
35°	60.98	170.50	6.10 %	17.05 %
40°	73.14	243.64	7.31 %	24.36 %
45°	84.51	328.15	8.45 %	32.82 %
50°	94.62	422.77	9.46 %	42.28 %
55°	102.98	525.75	10.30 %	52.58 %
60°	109.10	634.85	10.91 %	63.48 %
65°	113.32	748.17	11.33 %	74.82 %
70°	115.52	863.69	11.55 %	86.37 %
75°	93.40	957.09	9.34 %	95.71 %
80°	30.66	987.75	3.07 %	98.78 %
85°	4.01	991.76	0.40 %	99.18 %
90°	1.92	993.69	0.19 %	99.37 %
95°	1.24	994.93	0.12 %	99.49 %
100°	0.84	995.76	0.08 %	99.58 %
105°	0.61	996.37	0.06 %	99.64 %
110°	0.48	996.85	0.05 %	99.68 %
115°	0.40	997.25	0.04 %	99.72 %
120°	0.35	997.59	0.03 %	99.76 %
125°	0.31	997.90	0.03 %	99.79 %
130°	0.29	998.20	0.03 %	99.82 %
135°	0.28	998.47	0.03 %	99.85 %
140°	0.26	998.73	0.03 %	99.87 %
145°	0.25	998.98	0.02 %	99.90 %
150°	0.23	999.21	0.02 %	99.92 %
155°	0.21	999.41	0.02 %	99.94 %
160°	0.19	999.60	0.02 %	99.96 %
165°	0.16	999.76	0.02 %	99.98 %
170°	0.12	999.88	0.01 %	99.99 %
175°	0.08	999.96	0.01 %	100.00 %
180°	0.04	1000.00	0.00 %	100.00 %

Luminaria
Código A734-002-39-27K
Nombre Domus B 37
Ensayo
Código CL041A25F010G
Nombre Domus B 37

Flujo Luminaria	107 lm	Potencia Luminaria	8.0 W	Eficacia	13.398 lm/W	Eficiencia	100.00%
Flujo Fuente	107 lm	Valor Máximo	196.13 cd	Posición	C=90.00 G=57.50	CG	Asimétrico

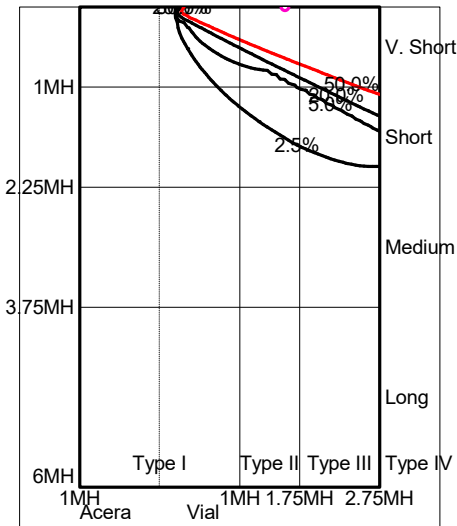
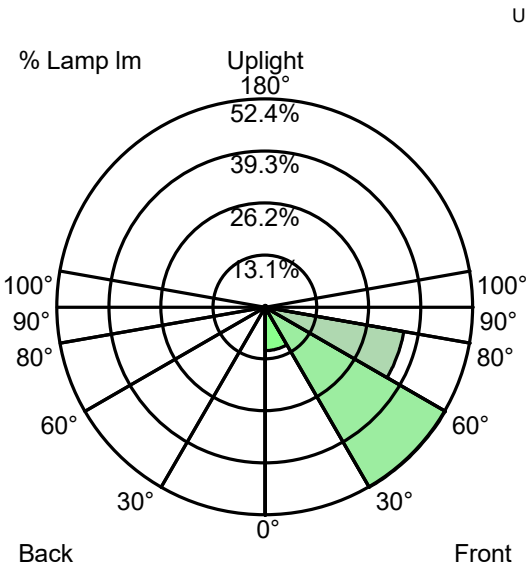
Isolux (Suelo)

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



Luminaria
Código A734-002-39-27K
Nombre Domus B 37
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Flujo Fuente	107 lm	Valor Máximo	196.13 cd	Posición	C=90.00 G=57.50	CG	Asimétrico



Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	11.7 lm	10.9 %	10.9 %
FM	30° -- 60°	55.9 lm	52.4 %	52.4 %
FH	60° -- 80°	37.9 lm	35.4 %	35.4 %
FVH	80° -- 90°	0.6 lm	0.6 %	0.6 %
BL	0° -- 30°	0.0 lm	0.0 %	0.0 %
BM	30° -- 60°	0.0 lm	0.0 %	0.0 %
BH	60° -- 80°	0.0 lm	0.0 %	0.0 %
BVH	80° -- 90°	0.0 lm	0.0 %	0.0 %
UL	90° -- 100°	0.2 lm	0.2 %	0.2 %
UH	100° -- 180°	0.4 lm	0.4 %	0.4 %
TOTALS		106.8 lm	100.0 %	100.0 %
BUG B0 U1 G0 Type III Very Short Asymmetrical				