

Luminaire

Code A734-002-39-27K
Name Domus B 37
Line

Measurem.

Code CL041A25F010G
Name Domus B 37

Source Data

Code LED
Name LED COB 6W 350mA 2700K
Line

Correlated Color Temperature (CCT) 0K
Color rendering index (CRI) 0

Q.ty 1

Measurement data

Coordinate system CG
Date 30-04-2025
Measurement Distance 6.49m
Maximum 1836.02 cd/klm
Remarks RM25032702

Symmetry Type Asymmetrical
Maximum Gamma Angle 180°
Measurement Flux 106.8 lm
Position C=90.0° G=57.5°

Electrical Parameters

Channel 1
Voltage 230.14 V
Current 0.04 A
Power 7.97 W
Frequency 0 Hz
Power Factor 0.93

Channel 2
Voltage 0.00 V
Current 0.00 A
Power 0.00 W
Frequency 0 Hz
Power Factor 0.00

Environmental Parameters

Temperature 24.5 °C
Humidity 44.2 %

Air Speed 0.0 m/s

Luminaire Dimensions

Rectangular Luminaire	Length	140 mm	Width	80 mm	Height	80 mm
Rectangular Luminous Area	Length	100 mm	Width	70 mm	Height	80 mm
Horizontal Luminous Area	0.007000 m2	Emitting area on Plane 180°	0.008000 m2			
Emitting area on Plane 0°	0.008000 m2	Emitting area on Plane 270°	0.005600 m2			
Emitting area on Plane 90°	0.005600 m2	Glare area at 76°	0.009456 m2			

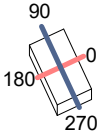
Photometric Assessment

Luminaire Flux 106.8 lm
Efficacy 13.398 lm/W
CIE Flux Codes 27 64 95 99 100
F UTE 0.99 I + 0.01 T

Source Flux 106.8 lm
Efficiency 100.0 %
D DIN 5040 A11
B NBN BZ 8 / 0.8 / BZ 7 / 1 / BZ 6 / 3 / BZ 5

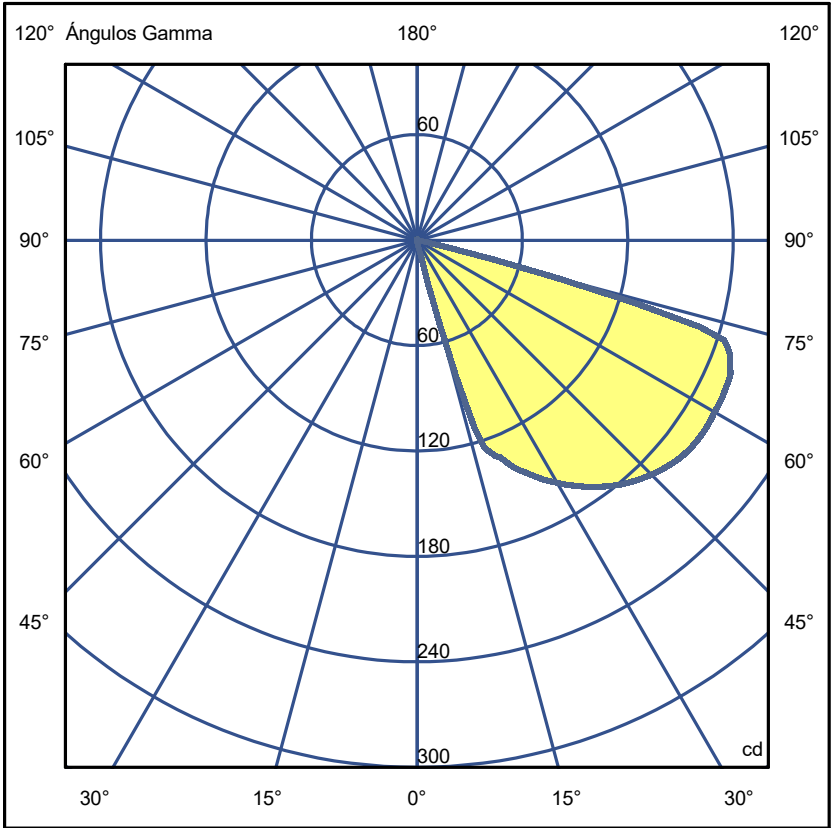


140mm x 80mm



Semiplanos C
180.0 0.0
270.0 90.0

ULOR 0.63 %
DLOR 99.37 %
RN 0.63 %



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Luminaire Flux	107 lm	Luminaire Power				8.0 W	Efficacy		13.398 lm/W		Efficiency		100.00%
Source Flux	107 lm	Maximum value				196.13 cd	Position		C=90.00 G=57.50		CG Asymmetrical		
Luminous Intensity Table cd Table 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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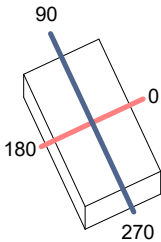
Luminaire Flux	107 lm	Luminaire Power			8.0 W	Efficacy	13.398 lm/W			Efficiency		100.00%
Source Flux	107 lm	Maximum value			196.13 cd	Position	C=90.00 G=57.50			CG	Asymmetrical	
Luminous Intensity Table cd Table 2/2												
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	
G 0.0	0	0	0	0	0	0	0	0	0	0	0	
G 2.5	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	
G 7.5	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	
G 12.5	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	
G 17.5	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	
G 22.5	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	
G 27.5	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	
G 32.5	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	
G 37.5	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	
G 42.5	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	
G 47.5	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	
G 52.5	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	
G 57.5	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	
G 62.5	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	
G 67.5	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	
G 72.5	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	
G 77.5	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	
G 82.5	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	
G 87.5	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	
G 92.5	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	
G 97.5	0	0	0	0	0	0	0	0	0	0	0	
G100.0	0	0	0	0	0	0	0	0	0	0	0	
G102.5	0	0	0	0	0	0	0	0	0	0	0	
G105.0	0	0	0	0	0	0	0	0	0	0	0	
G107.5	0	0	0	0	0	0	0	0	0	0	0	
G110.0	0	0	0	0	0	0	0	0	0	0	0	
G112.5	0	0	0	0	0	0	0	0	0	0	0	
G115.0	0	0	0	0	0	0	0	0	0	0	0	
G117.5	0	0	0	0	0	0	0	0	0	0	0	
G120.0	0	0	0	0	0	0	0	0	0	0	0	
G122.5	0	0	0	0	0	0	0	0	0	0	0	
G125.0	0	0	0	0	0	0	0	0	0	0	0	
G127.5	0	0	0	0	0	0	0	0	0	0	0	
G130.0	0	0	0	0	0	0	0	0	0	0	0	
G132.5	0	0	0	0	0	0	0	0	0	0	0	
G135.0	0	0	0	0	0	0	0	0	0	0	0	
G137.5	0	0	0	0	0	0	0	0	0	0	0	
G140.0	0	0	0	0	0	0	0	0	0	0	0	
G142.5	0	0	0	0	0	0	0	0	0	0	0	
G145.0	0	0	0	0	0	0	0	0	0	0	0	
G147.5	0	0	0	0	0	0	0	0	0	0	0	
G150.0	0	0	0	0	0	0	0	0	0	0	0	
G152.5	0	0	0	0	0	0	0	0	0	0	0	
G155.0	0	0	0	0	0	0	0	0	0	0	0	
G157.5	0	0	0	0	0	0	0	0	0	0	0	
G160.0	0	0	0	0	0	0	0	0	0	0	0	
G162.5	0	0	0	0	0	0	0	0	0	0	0	
G165.0	0	0	0	0	0	0	0	0	0	0	0	
G167.5	0	0	0	0	0	0	0	0	0	0	0	
G170.0	0	0	0	0	0	0	0	0	0	0	0	
G172.5	0	0	0	0	0	0	0	0	0	0	0	
G175.0	0	0	0	0	0	0	0	0	0	0	0	
G177.5	0	0	0	0	0	0	0	0	0	0	0	
G180.0	1	1	1	1	1	1	1	1	1	1	1	

Luminaire

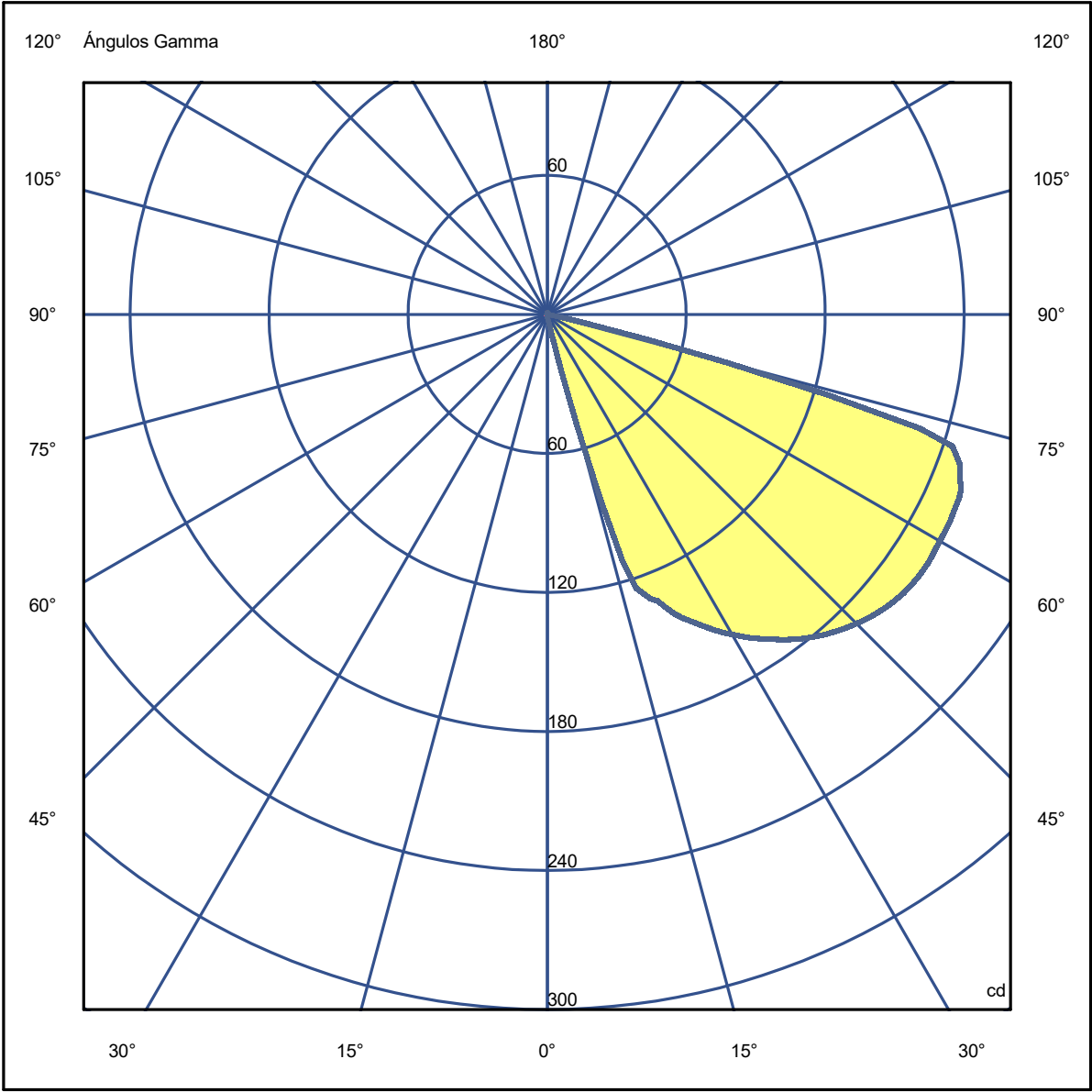
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Luminaire Flux	107 lm	Luminaire Power	8.0 W	Efficacy	13.398 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	196.13 cd	Position	C=90.00 G=57.50	CG	Asymmetrical

140mm x 80mm



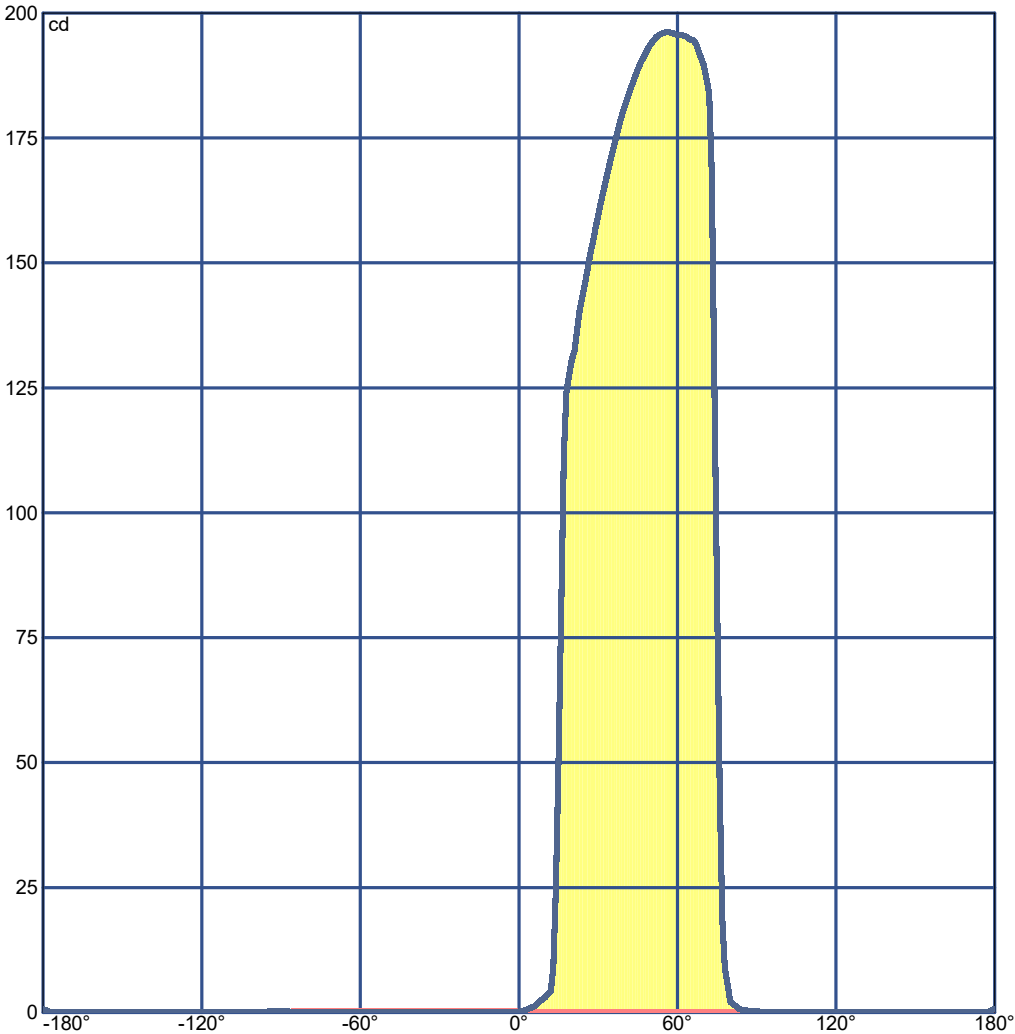
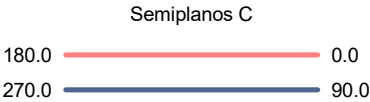
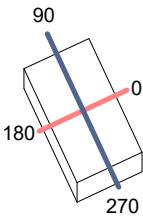
Semiplanos C



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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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
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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Could not find 90270 right beam angle gamma0180=-12

Could not find 90270 right beam angle gamma0180=-12

Could not find 90270 right beam angle gamma0180=-12

Luminaire

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Measurement

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Source Flux	107 lm	Maximum value	196.13 cd	Position	C=90.00 G=57.50	CG Asymmetrical	

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

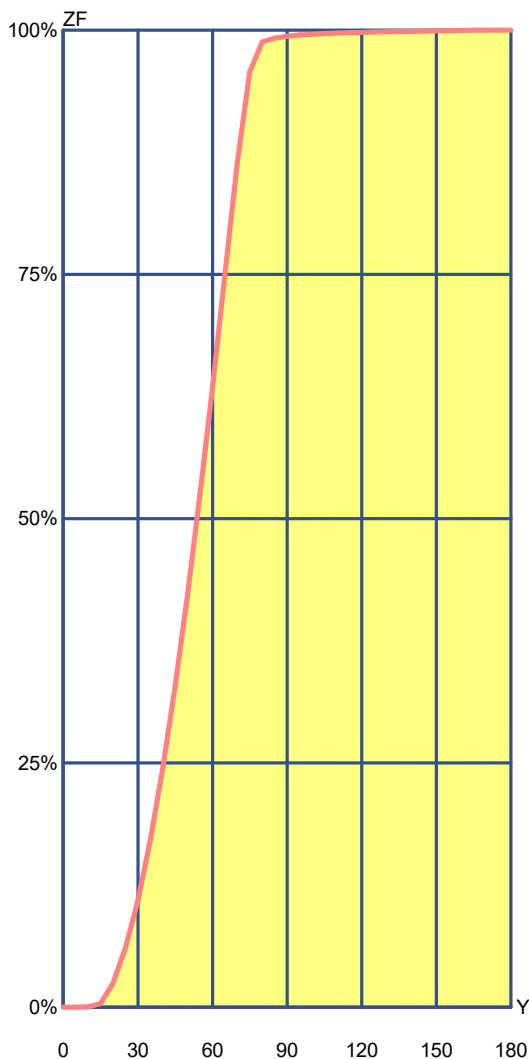
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	24	110	244	423	635	864	988	994	996	997	998	998	999	999	1000	1000	1000

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 %



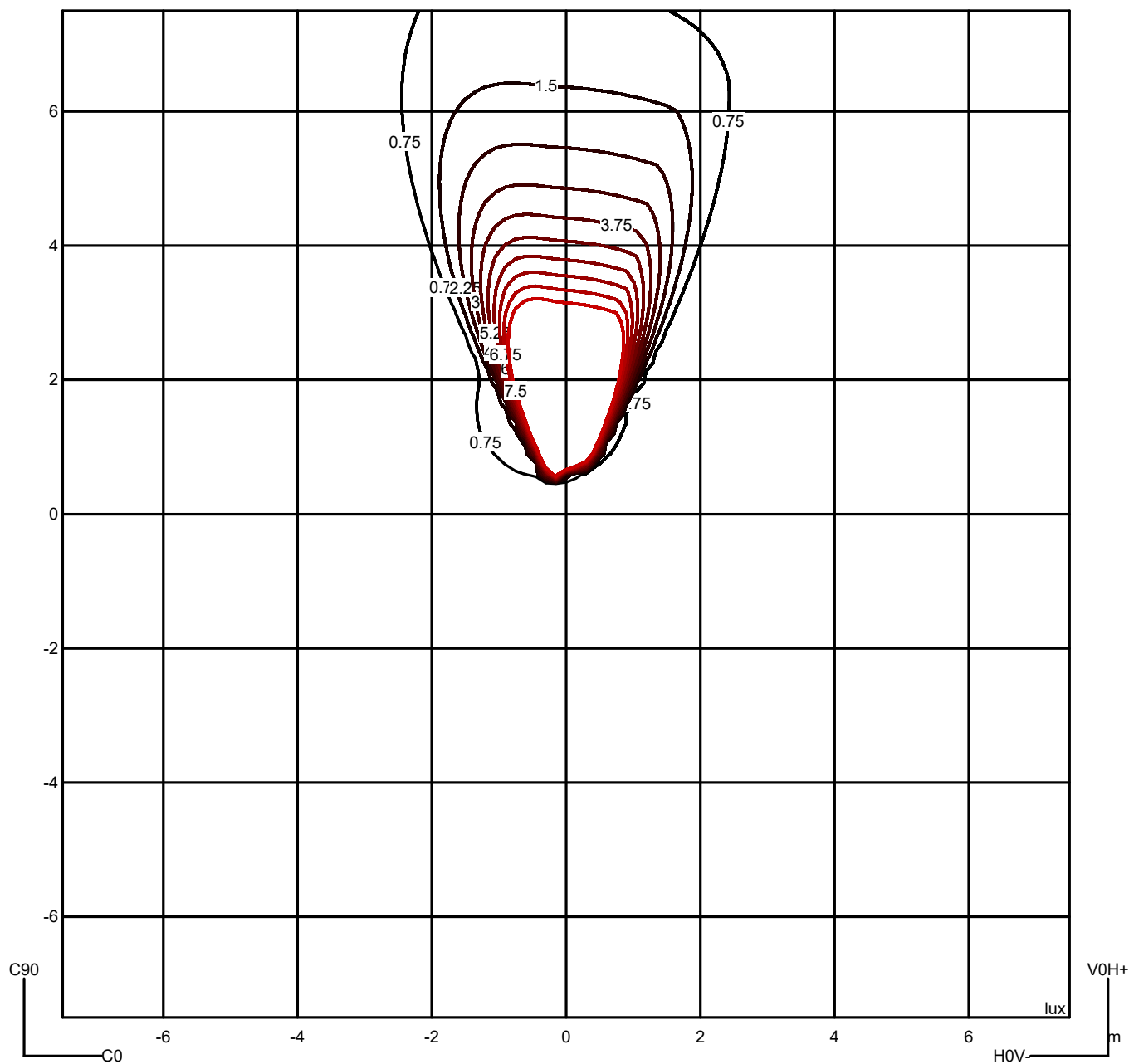
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.06	0.06	0.01 %	0.01 %
10°	0.42	0.48	0.04 %	0.05 %
15°	3.21	3.69	0.32 %	0.37 %
20°	20.74	24.43	2.07 %	2.44 %
25°	36.47	60.90	3.65 %	6.09 %
30°	48.61	109.51	4.86 %	10.95 %
35°	60.98	170.50	6.10 %	17.05 %
40°	73.14	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 %

Luminaire
Code A734-002-39-27K
Name Domus B 37
Measurement
Code CL041A25F010G
Name Domus B 37

Luminaire Flux	107 lm	Luminaire Power	8.0 W	Efficacy	13.398 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	196.13 cd	Position	C=90.00 G=57.50	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire

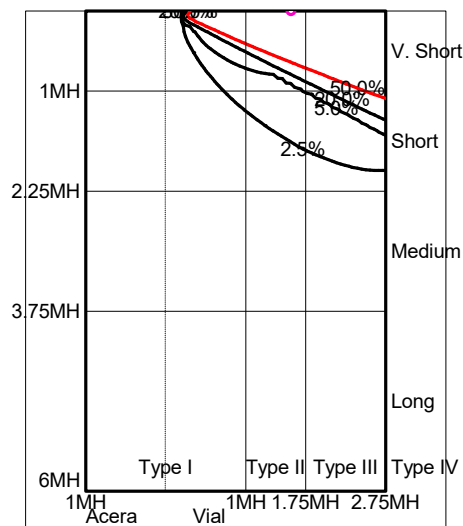
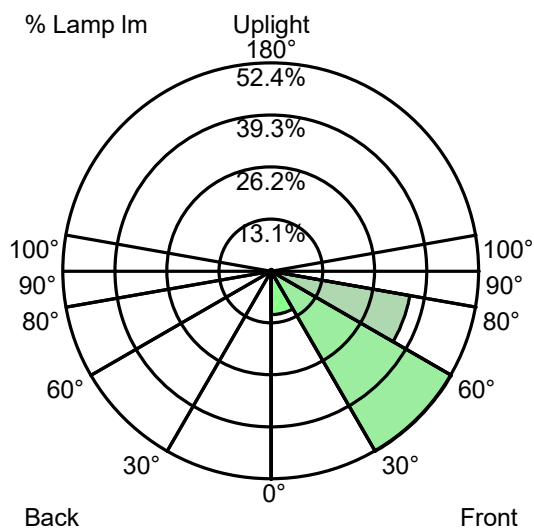
Code A734-002-39-27K
Name Domus B 37

Measurem.

Code CL041A25F010G
Name Domus B 37

Luminaire Flux	107 lm	Luminaire Power	8.0 W	Efficacy	13.398 lm/W	Efficiency	100.00%
Source Flux	107 lm	Maximum value	196.13 cd	Position	C=90.00 G=57.50	CG	Asymmetrical

US ROAD STANDARDS



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				