

**Luminaire**

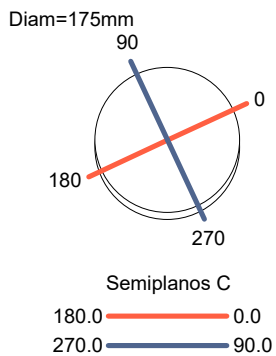
Code 4675  
Name Dots pared

**Measurem.**

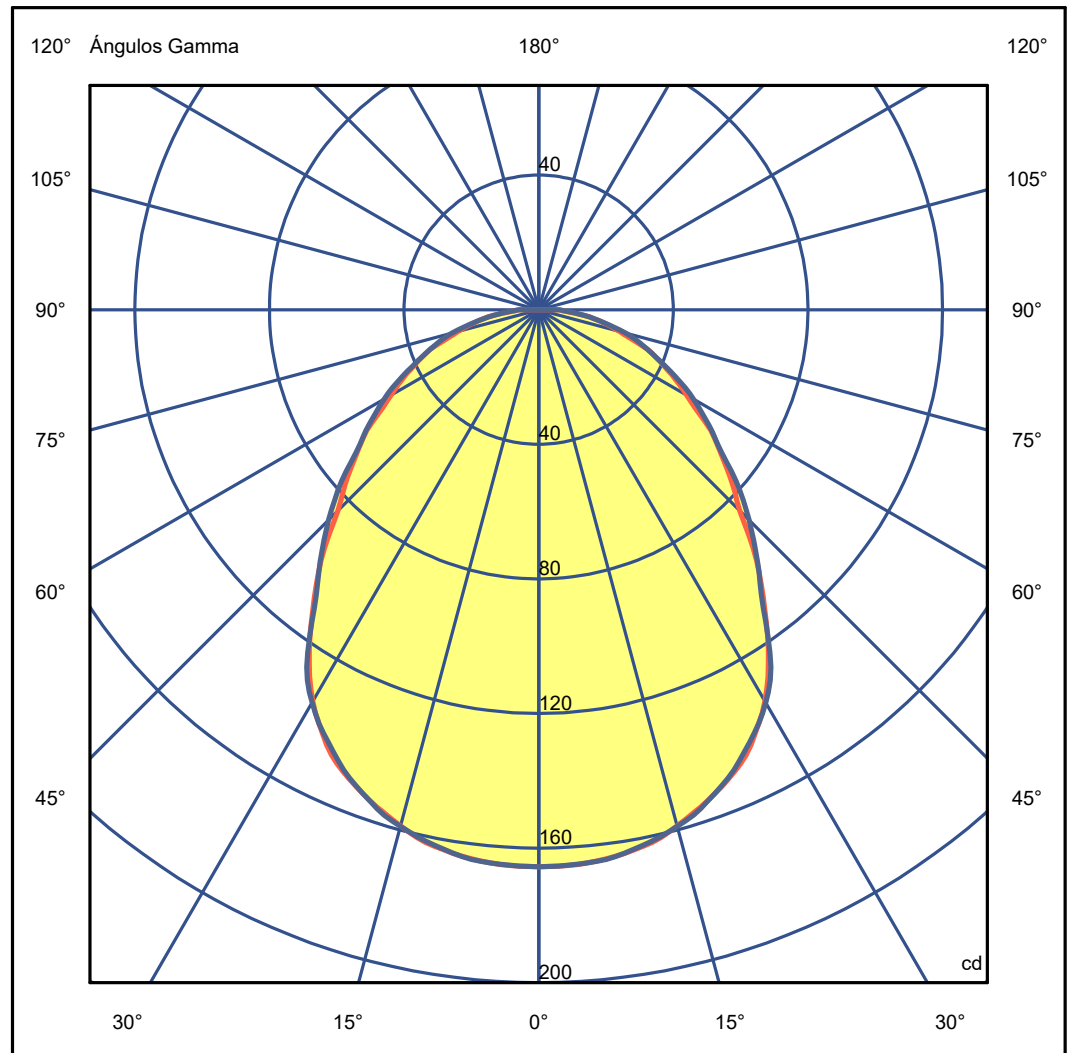
Code CL252A21F009G  
Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	175 mm	Height	50 mm		
Round Luminous Area		Diam.	150 mm	Height	0 mm		
Horizontal Luminous Area		0.017671 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.004275 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		09-03-2021		Maximum Gamma Angle		90	
Measurement Distance		6.44		Measurement Flux		406.13 lm	
Operator		Asselum T2		Rated Voltage		230.10 V	
Temperature				Rated Current		0.03 A	
Humidity				Photocell		Prc	
Notes		RM21022605.1					

Luminaire Sources						
Line		Code LED	Name LED	Flux [lm]	Pow. [W]	Q.ty
				406.13	6.16	1
C.I.E.	52 80 95 100 100		D DIN 5040	A40		
F UTE	1.00 D		B NBN	BZ 4		



ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



**Luminaire**

Code 4675

Name Dots pared

**Measurem.**

Code CL252A21F009G

Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

**Luminous Intensity Table cd Table 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	165.51	165.51	165.51	165.51	165.51	165.51	165.51
G 2.5	165.45	165.42	165.38	165.41	165.34	165.50	165.35
G 5.0	164.98	164.99	164.95	165.00	164.90	165.09	164.98
G 7.5	164.18	164.15	164.16	164.18	164.19	164.36	164.37
G 10.0	162.99	162.99	163.00	162.96	163.19	163.25	162.75
G 12.5	161.40	160.92	161.17	161.37	160.98	161.63	161.09
G 15.0	158.74	158.94	158.96	159.21	158.97	158.97	158.93
G 17.5	155.95	156.23	156.11	156.48	156.02	156.49	156.46
G 20.0	152.99	153.10	153.14	153.53	152.96	153.13	152.91
G 22.5	149.68	149.73	149.73	149.25	149.52	149.76	149.35
G 25.0	145.84	146.04	145.66	145.44	145.76	145.66	144.69
G 27.5	140.37	140.28	140.21	140.44	139.88	141.13	140.17
G 30.0	134.37	135.16	134.72	135.35	134.59	134.94	134.81
G 32.5	126.90	126.94	127.03	128.34	126.61	127.95	128.28
G 35.0	118.58	119.09	119.15	120.80	119.01	119.89	118.78
G 37.5	109.97	110.62	110.91	110.01	111.18	111.53	109.09
G 40.0	101.87	101.38	102.34	102.54	102.90	102.72	101.75
G 42.5	93.34	93.59	94.07	94.37	94.80	95.14	94.90
G 45.0	84.54	86.71	86.30	86.87	88.14	87.35	88.34
G 47.5	78.60	79.02	79.29	80.49	80.22	80.54	81.72
G 50.0	72.81	73.11	73.41	73.70	74.53	74.44	74.75
G 52.5	67.34	67.71	68.02	67.69	69.04	68.45	67.71
G 55.0	62.35	61.14	62.09	62.15	62.85	62.99	62.85
G 57.5	55.81	56.41	56.54	57.02	57.72	57.33	57.75
G 60.0	50.77	51.07	51.68	51.67	51.75	52.30	53.08
G 62.5	46.42	46.44	46.54	47.39	47.37	47.23	48.27
G 65.0	42.22	42.13	42.45	41.80	43.02	42.96	43.04
G 67.5	38.21	38.16	38.35	37.84	38.96	38.45	38.39
G 70.0	34.28	33.24	33.86	33.75	33.74	34.19	34.40
G 72.5	28.83	29.40	29.37	29.48	30.04	29.26	30.67
G 75.0	24.95	24.74	24.91	25.30	25.11	25.44	26.78
G 77.5	21.23	21.22	21.30	21.55	21.44	21.34	21.90
G 80.0	17.99	17.81	17.91	17.28	17.92	17.96	18.28
G 82.5	14.49	14.19	14.26	13.98	14.51	14.10	14.25
G 85.0	10.30	10.55	10.45	10.14	10.84	10.62	10.89
G 87.5	7.43	7.42	7.49	7.37	7.72	7.37	7.81
G 90.0	5.89	5.89	5.86	5.86	5.94	5.98	6.01

**Luminaire**

Code 4675  
Name Dots pared

**Measurement**

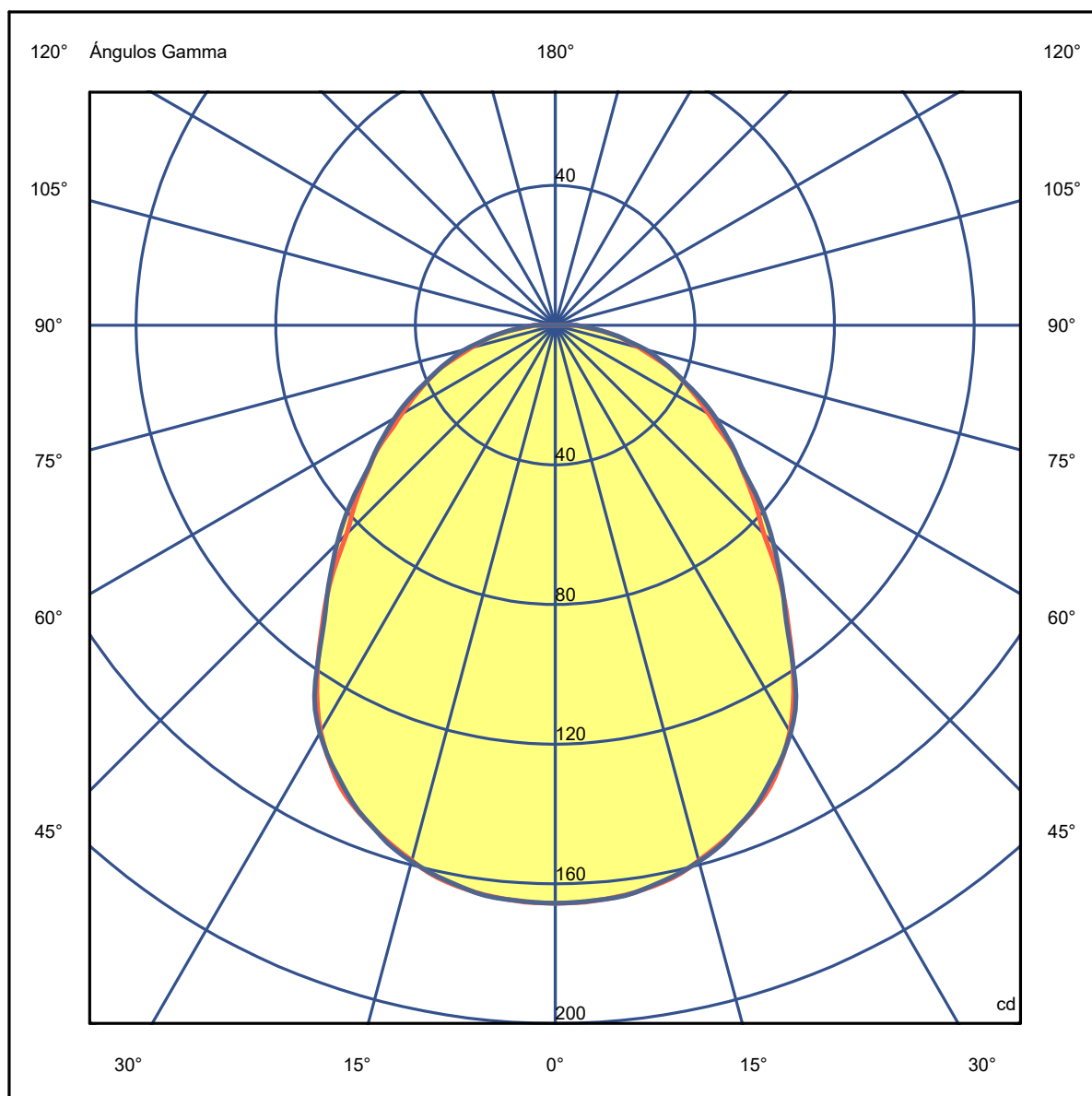
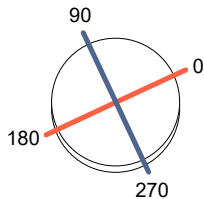
Code CL252A21F009G  
Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Diam=175mm

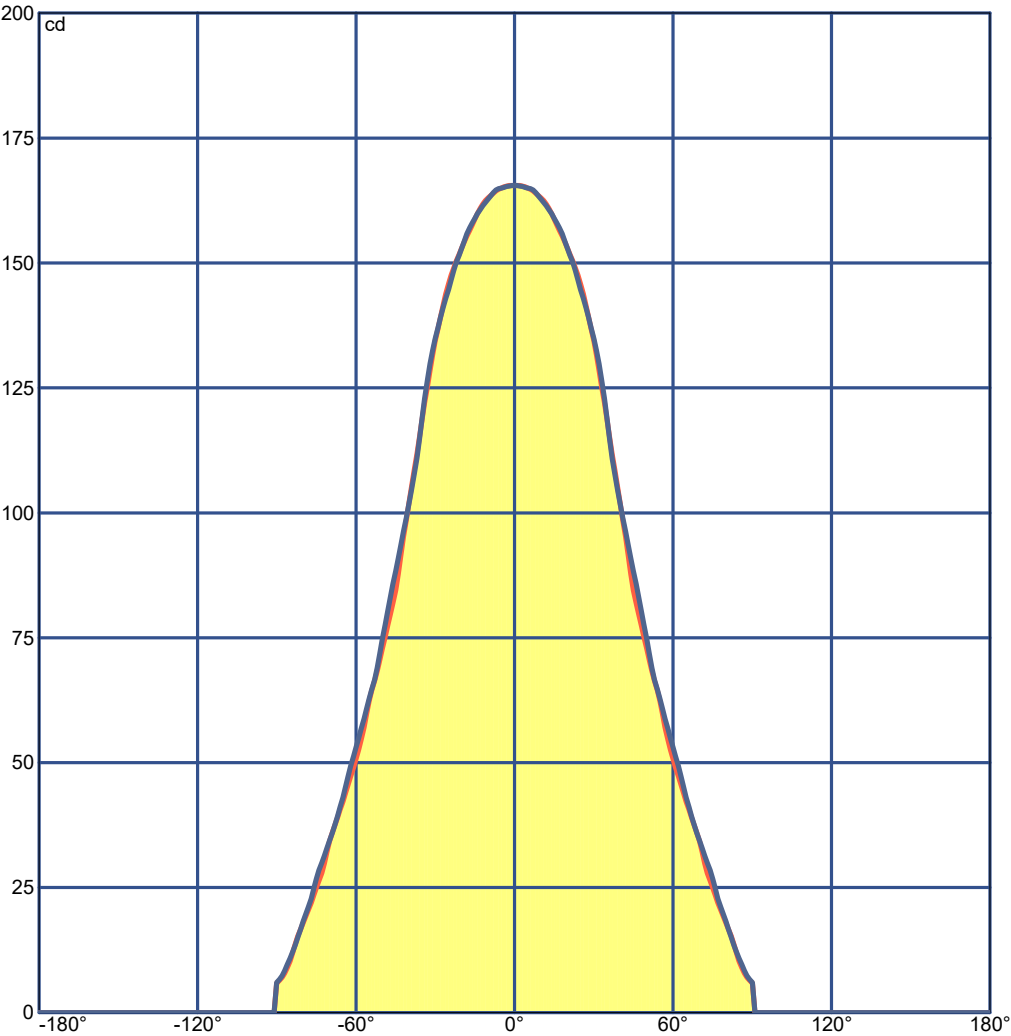
Semiplanos C

180.0 ————— 0.0  
270.0 ————— 90.0



**Luminaire**  
Code 4675  
Name Dots pared  
**Measurement.**  
Code CL252A21F009G  
Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical



**Luminaire**

Code 4675

Name Dots pared

**Measurement**

Code CL252A21F009G

Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

**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	Lateral View					Viewed Endwise				
x=2H y=2H	18.5	19.8	18.8	20.0	20.2	18.6	19.9	18.9	20.1	20.3
x=2H y=3H	20.1	21.2	20.4	21.5	21.7	20.2	21.3	20.5	21.6	21.8
x=2H y=4H	20.8	21.8	21.1	22.1	22.4	20.9	22.0	21.2	22.3	22.5
x=2H y=6H	21.4	22.4	21.8	22.7	23.0	21.5	22.5	21.9	22.9	23.2
x=2H y=8H	21.7	22.7	22.1	23.0	23.3	21.8	22.8	22.2	23.1	23.4
x=2H y=12H	21.9	22.9	22.3	23.2	23.5	22.1	23.0	22.4	23.3	23.6
x=4H y=2H	19.1	20.2	19.5	20.5	20.8	19.2	20.3	19.6	20.6	20.9
x=4H y=3H	20.9	21.9	21.3	22.2	22.5	21.0	21.9	21.4	22.3	22.6
x=4H y=4H	21.8	22.6	22.2	23.0	23.3	21.9	22.7	22.3	23.1	23.4
x=4H y=6H	22.6	23.3	23.0	23.7	24.1	22.7	23.4	23.1	23.8	24.2
x=4H y=8H	23.0	23.6	23.4	24.0	24.4	23.1	23.7	23.5	24.1	24.5
x=4H y=12H	23.3	23.9	23.7	24.3	24.8	23.4	24.0	23.8	24.4	24.9
x=8H y=4H	22.2	22.8	22.6	23.2	23.6	22.3	22.9	22.7	23.3	23.7
x=8H y=6H	23.1	23.7	23.6	24.1	24.6	23.2	23.8	23.7	24.2	24.7
x=8H y=8H	23.6	24.1	24.1	24.6	25.1	23.7	24.2	24.2	24.7	25.1
x=8H y=12H	24.1	24.5	24.6	25.0	25.5	24.2	24.6	24.7	25.1	25.6
x=12H y=4H	22.7	23.3	23.2	23.7	24.2	22.8	23.4	23.2	23.8	24.3
x=12H y=6H	23.6	24.1	24.1	24.6	25.1	23.7	24.2	24.2	24.6	25.1
x=12H y=8H	24.2	24.6	24.6	25.0	25.5	24.2	24.6	24.7	25.1	25.6

# **Luminaire**

Code 4675  
Name Dots pared

## **Measurem.**

Code CL252A21F009G  
Name Dots pared

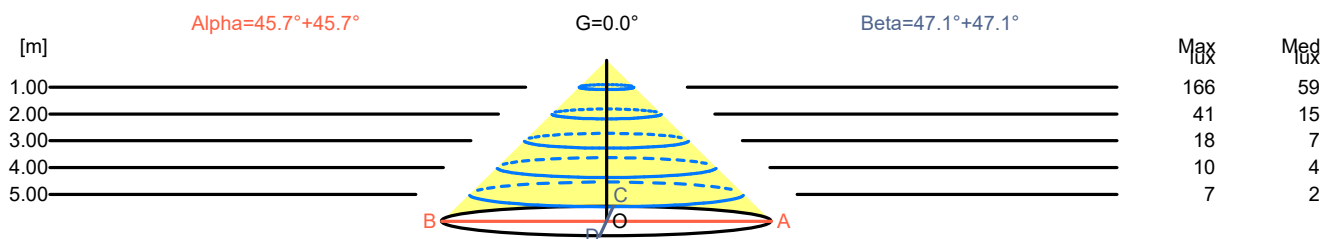
Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Width at 50.00 % of Max Intensity

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	1.02	2.05	3.07	4.10	5.12	OC	1.08	2.15	3.23	4.31	5.38
OB	1.02	2.05	3.07	4.10	5.12	OD	1.08	2.15	3.23	4.31	5.38

Luminous Intensities [ cd]

	0	5	15	25	35	45	55	65	75	85
OA	165.51	164.98	158.74	145.84	118.58	84.54	62.35	42.22	24.95	10.30
OB	165.51	164.98	158.74	145.84	118.58	84.54	62.35	42.22	24.95	10.30
OC	165.51	164.98	158.93	144.69	118.78	88.34	62.85	43.04	26.78	10.89
OD	165.51	164.98	158.93	144.69	118.78	88.34	62.85	43.04	26.78	10.89



H[m]	D[m]	Max lux	Med lux	Alpha=45.7°+45.7°	G=0.0	
1.00	2.05	166	59			
2.00	4.10	41	15			
3.00	6.14	18	7			
4.00	8.19	10	4			
5.00	10.24	7	2			

H[m]	D[m]	Max lux	Med lux	Beta=47.1°+47.1°	G=0.0	
1.00	2.15	166	59			
2.00	4.31	41	15			
3.00	6.46	18	7			
4.00	8.61	10	4			
5.00	10.77	7	2			

**Luminaire**

Code 4675  
Name Dots pared

**Measurerm.**

Code CL252A21F009G  
Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=406.13 Flujo Luminaria=406.13

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	0.35	0.43	0.50	0.56	0.62	0.70	0.75	0.79	0.84	0.86	0.93	0.96
RC	4	4	4	4	4	4	4	4	4	5	5	4

Flujo Zonal por 1000 Lúmenes

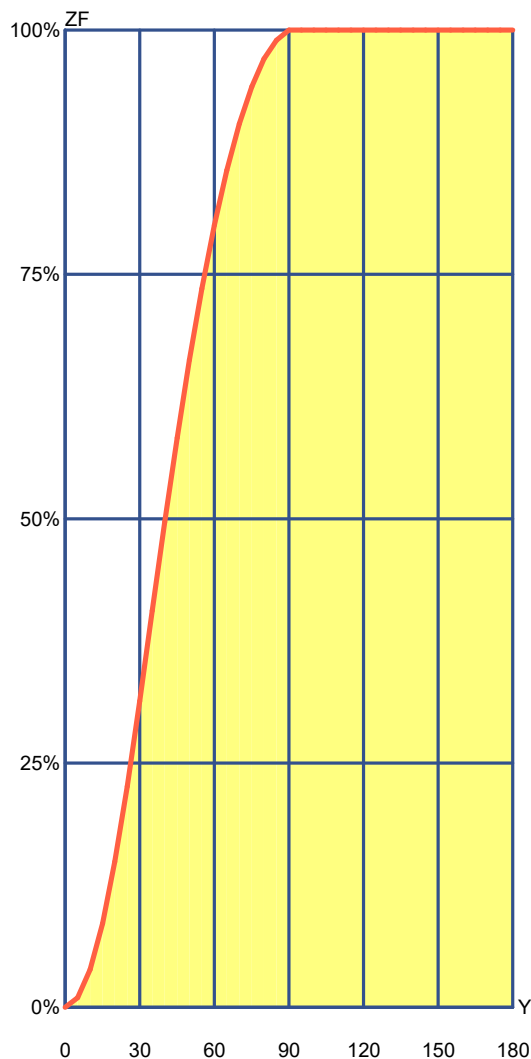
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	39	149	314	497	662	800	904	970	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

52 80 95 100 100

C.I.E. 4/4/4/4/4/4/4/4/5/5/4  
D DIN 5040 A40  
F UTE 1.00 D  
B NBN BZ 4  
RN 0.00000 %  
BLF 1.0

LOR 100.00000 %  
ULOR 0.00000 %  
DLOR 100.00000 %  
UFF 0.00000 %  
DFF 100.00000 %  
FFR 0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.73	9.73	0.97 %	0.97 %
10°	28.90	38.63	2.89 %	3.86 %
15°	47.04	85.66	4.70 %	8.57 %
20°	63.34	149.00	6.33 %	14.90 %
25°	77.16	226.16	7.72 %	22.62 %
30°	87.38	313.53	8.74 %	31.35 %
35°	92.21	405.74	9.22 %	40.57 %
40°	90.89	496.63	9.09 %	49.66 %
45°	86.07	582.70	8.61 %	58.27 %
50°	79.72	662.42	7.97 %	66.24 %
55°	72.83	735.25	7.28 %	73.53 %
60°	64.83	800.08	6.48 %	80.01 %
65°	56.34	856.42	5.63 %	85.64 %
70°	47.68	904.10	4.77 %	90.41 %
75°	38.01	942.12	3.80 %	94.21 %
80°	28.28	970.39	2.83 %	97.04 %
85°	19.01	989.40	1.90 %	98.94 %
90°	10.60	1000.00	1.06 %	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 %

**Luminaire**  
Code 4675  
Name Dots pared  
**Measurement.**  
Code CL252A21F009G  
Name Dots pared

Luminaire Flux	406.13 lm	Luminaire Power	6.16 W	Efficacy	65.93 lm/W	Efficiency	100.00%
Sources Flux	406.13 lm	Maximum value	165.51 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Isolux (Floor)

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

