

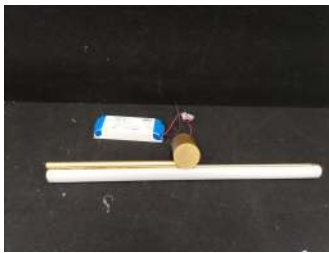
Luminaria

Código A704-015-15-27K
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
Ensayo
 Código CL041A22F001GE1
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

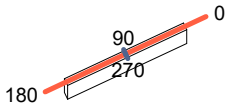
Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Rectangular	Longit.	34 mm	Anchura	610 mm	Altura	34 mm	
Área Luminosa Rectangular	Longit.	34 mm	Anchura	600 mm	Altura	34 mm	
Área Luminosa Horizontal		0.020400 m2		Área Emisión sobre Pl. 180°		0.001156 m2	
Área Emisión sobre Pl. 0°		0.001156 m2		Área Emisión sobre Pl. 270°		0.020400 m2	
Área Emisión sobre Pl. 90°		0.020400 m2		Área de deslumbramiento a 76°		0.006057 m2	
Sist. de Coorden.	CG		Tipo de Simetría		Bisimétrico		
Fecha	07-09-2022		Máximo Ángulo Gamma		180		
Distancia de Ensayo	6.44		Flujo de Ensayo		1007.12 lm		
Operador	Asselum T2		Tensión Nominal		230.12 V		
Temperatura	25.10 °C		Corriente Nominal		0.06 A		
Humedad	60.70 %		Fotocélula		Czibula Grundmann		
Notas							

Fuentes de luz de la Luminaria

Familia	Código LED	Nombre LED 24V	Flujo [lm]	Pot. [W]	Cant.
C.I.E.	38 66 86 80 100	D DIN 5040	1007.12	12.21	1
F UTE	0.80 H + 0.20 T	B NBN	B21 BZ 6		



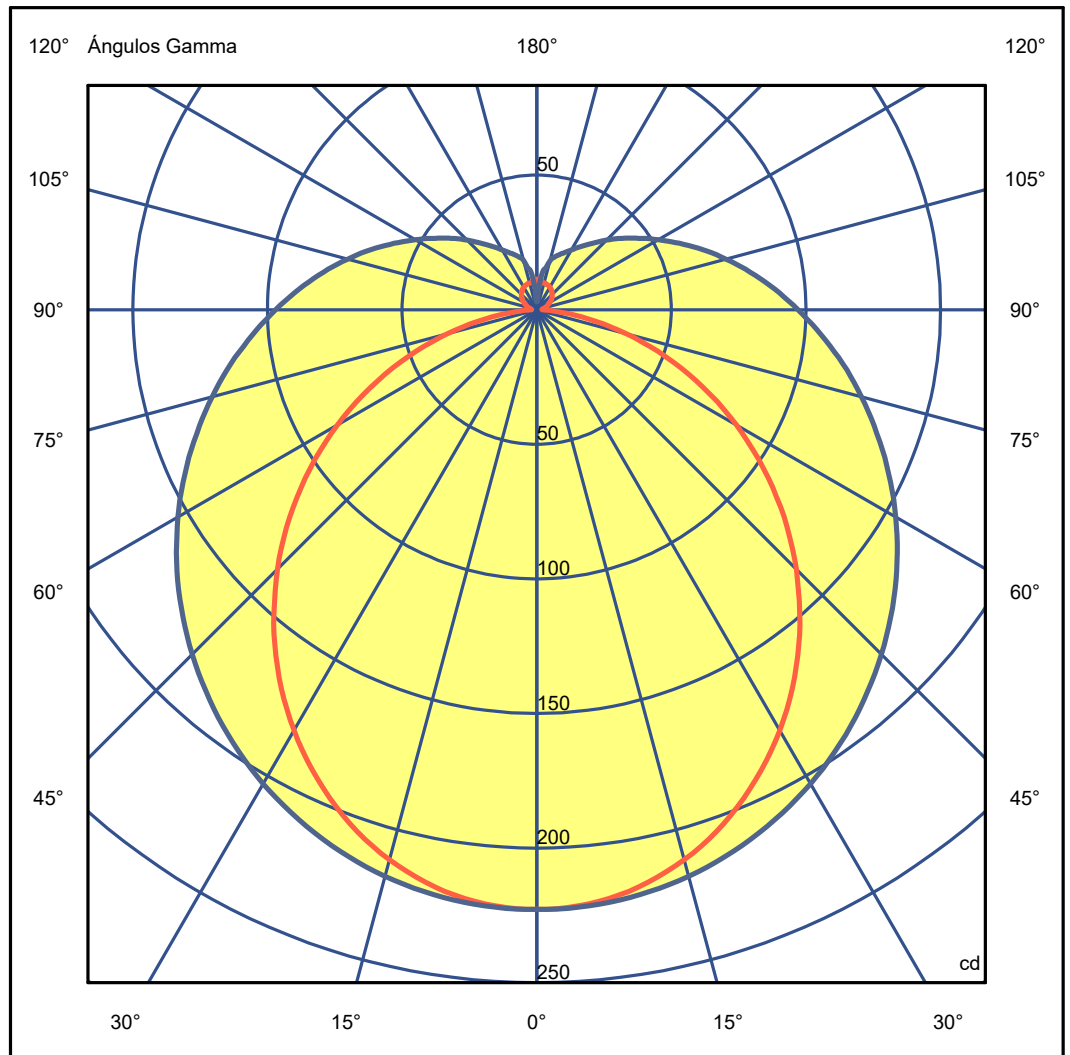
34mm x 610mm



Semiplanos C

180.0 — 0.0
 270.0 — 90.0

ULOR 20.11 %
 DLOR 79.89 %
 RN 20.11 %



Luminaria

Código A704-015-15-27K
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
 Ensayo
 Código CL041A22F001GE1
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 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	222.76	222.76	222.76	222.76	222.76	222.76	222.76
G 2.5	222.47	222.47	222.51	222.52	222.62	222.62	222.62
G 5.0	221.54	221.52	221.71	221.81	222.08	222.18	222.26
G 7.5	219.92	220.02	220.38	220.71	221.15	221.40	221.60
G 10.0	217.74	217.87	218.44	219.11	219.88	220.38	220.62
G 12.5	214.80	215.21	216.02	217.10	218.31	219.00	219.36
G 15.0	211.45	211.93	213.09	214.64	216.26	217.38	217.84
G 17.5	207.59	208.11	209.65	211.74	213.94	215.45	216.03
G 20.0	203.04	203.85	205.83	208.56	211.29	213.19	213.96
G 22.5	198.01	198.92	201.47	204.87	208.27	210.69	211.63
G 25.0	192.49	193.71	196.86	200.95	205.02	207.94	209.04
G 27.5	186.69	188.00	191.74	196.52	201.46	204.95	206.24
G 30.0	180.38	182.03	186.34	192.03	197.68	201.67	203.28
G 32.5	173.80	175.66	180.68	187.06	193.70	198.20	200.04
G 35.0	166.82	168.96	174.60	182.02	189.39	194.56	196.50
G 37.5	159.52	162.00	168.43	176.74	185.08	190.66	192.99
G 40.0	152.08	154.68	161.84	171.21	180.28	186.62	189.02
G 42.5	144.04	147.34	155.39	165.51	175.61	182.38	185.17
G 45.0	136.30	139.80	148.62	159.84	170.68	178.14	181.02
G 47.5	128.04	132.00	141.76	153.90	165.63	173.66	176.75
G 50.0	119.90	124.10	134.95	148.01	160.63	169.06	172.39
G 52.5	111.36	116.22	127.86	142.05	155.34	164.40	167.91
G 55.0	102.84	108.20	120.98	136.12	150.16	159.55	163.34
G 57.5	94.16	100.19	114.06	130.17	144.95	154.81	158.63
G 60.0	85.61	92.24	107.17	124.34	139.70	149.96	153.92
G 62.5	76.93	84.31	100.49	118.42	134.55	145.02	149.17
G 65.0	68.27	76.40	93.84	112.73	129.24	140.09	144.25
G 67.5	59.53	68.77	87.54	107.18	124.17	135.18	139.42
G 70.0	51.00	61.16	81.15	101.60	119.03	130.23	134.44
G 72.5	42.55	54.06	75.22	96.33	114.01	125.33	129.66
G 75.0	34.49	47.07	69.54	91.15	109.08	120.49	124.88
G 77.5	26.76	40.69	64.17	86.24	104.29	115.74	120.10
G 80.0	19.52	34.82	59.18	81.46	99.65	110.96	115.44
G 82.5	13.21	29.72	54.39	76.95	94.98	106.33	110.62
G 85.0	7.84	25.20	50.18	72.60	90.62	101.80	106.05
G 87.5	4.43	21.45	46.23	68.55	86.24	97.36	101.47
G 90.0	2.58	18.29	42.71	64.63	82.15	93.01	97.05
G 92.5	1.93	15.62	39.44	60.96	78.21	88.79	92.80
G 95.0	2.07	13.57	36.46	57.41	74.31	84.62	88.64
G 97.5	2.26	11.96	33.70	54.10	70.64	80.62	84.55
G100.0	2.55	10.81	31.17	50.88	66.95	76.72	80.49
G102.5	2.87	10.02	28.85	47.76	63.53	72.88	76.65
G105.0	3.17	9.37	26.78	44.84	60.07	69.18	72.81
G107.5	3.57	8.89	24.96	42.06	56.73	65.55	69.11
G110.0	3.93	8.59	23.27	39.57	53.57	62.04	65.56
G112.5	4.34	8.48	21.67	37.26	50.44	58.59	61.87
G115.0	4.74	8.60	20.20	35.11	47.61	55.31	58.47
G117.5	5.19	8.93	18.98	32.96	44.85	52.15	55.14
G120.0	5.66	9.32	18.12	31.03	42.42	49.31	52.05
G122.5	6.11	9.77	17.50	29.34	40.03	46.58	49.20
G125.0	6.59	10.17	17.14	27.87	37.73	44.05	46.36
G127.5	6.99	10.61	16.91	26.44	35.52	41.61	43.86
G130.0	7.38	11.08	16.74	25.14	33.50	39.34	41.30
G132.5	7.73	11.58	16.67	24.05	31.50	37.14	39.01
G135.0	8.08	12.08	16.66	23.17	29.64	35.01	36.63
G137.5	8.41	12.59	16.68	22.38	28.14	32.82	34.31
G140.0	8.67	13.02	16.68	21.68	26.86	30.81	32.28
G142.5	8.97	13.41	16.68	21.07	25.63	29.12	30.39
G145.0	9.26	13.73	16.72	20.54	24.56	27.56	28.77
G147.5	9.52	14.00	16.83	20.11	23.51	26.12	27.17
G150.0	9.75	14.09	16.97	19.72	22.67	24.79	25.72
G152.5	9.91	13.78	16.89	19.28	21.94	23.56	24.34
G155.0	10.05	13.20	16.14	18.56	21.20	22.52	23.27
G157.5	10.14	12.59	15.58	17.77	20.36	21.56	22.28
G160.0	10.23	11.93	14.21	16.56	19.25	20.51	21.27
G162.5	10.27	11.40	12.96	15.54	18.09	18.83	20.29
G165.0	10.30	11.02	11.86	13.97	16.51	17.33	19.03
G167.5	10.33	10.78	11.05	12.00	14.32	15.86	16.10
G170.0	10.25	10.65	10.56	10.89	11.89	12.85	15.23
G172.5	10.53	10.83	10.72	9.60	9.56	10.88	12.35
G175.0	10.79	10.97	10.79	9.21	7.61	7.64	7.19
G177.5	11.44	11.45	10.88	9.65	7.03	5.55	2.78
G180.0	8.67	8.67	8.67	8.67	8.67	8.67	8.67

Luminaria

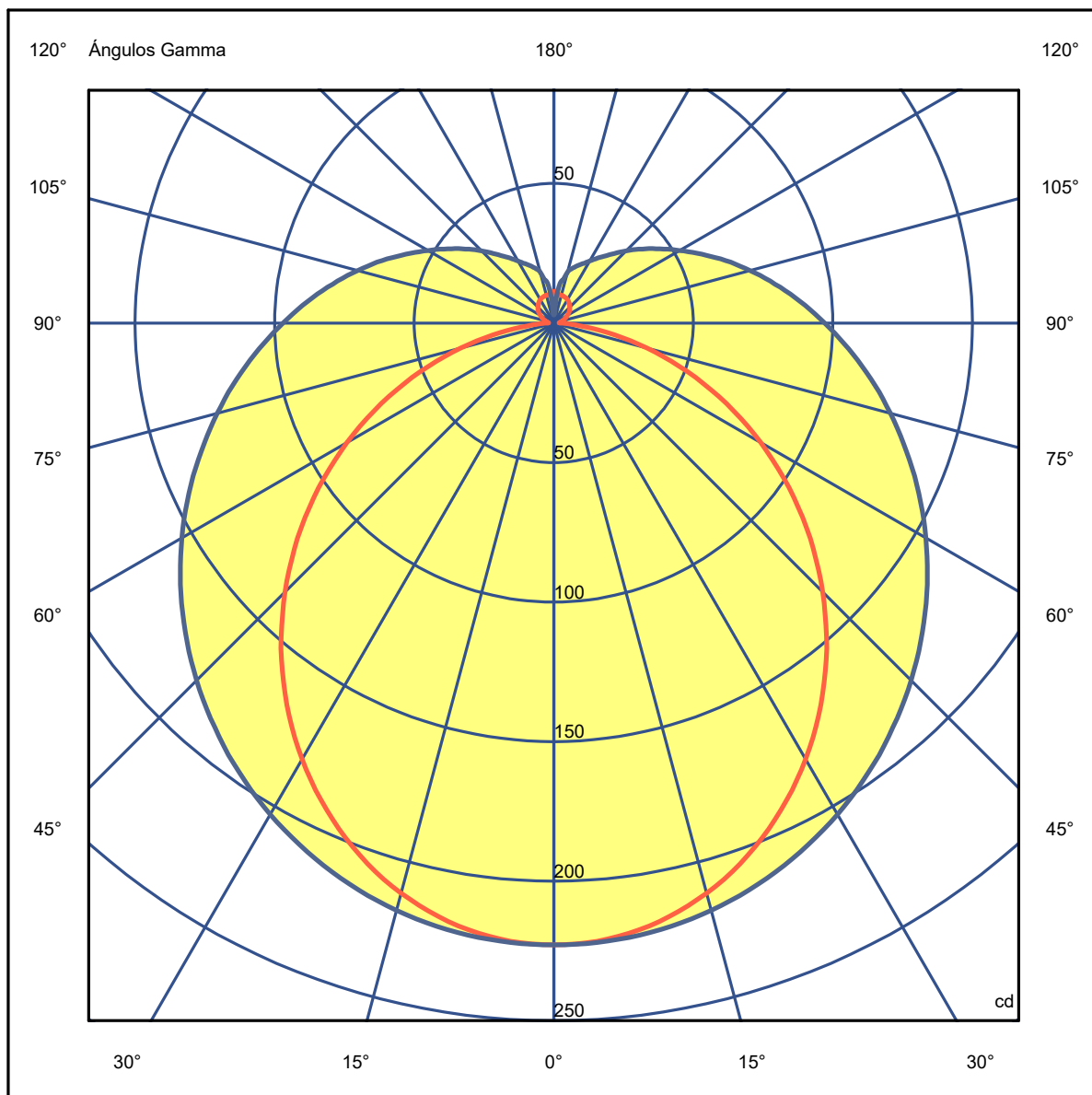
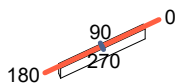
Código A704-015-15-27K
Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
Ensayo
Código CL041A22F001GE1
Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

34mm x 610mm

Semiplanos C

180.0 ———— 0.0
270.0 ———— 90.0

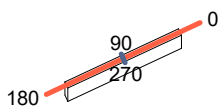


Luminaria

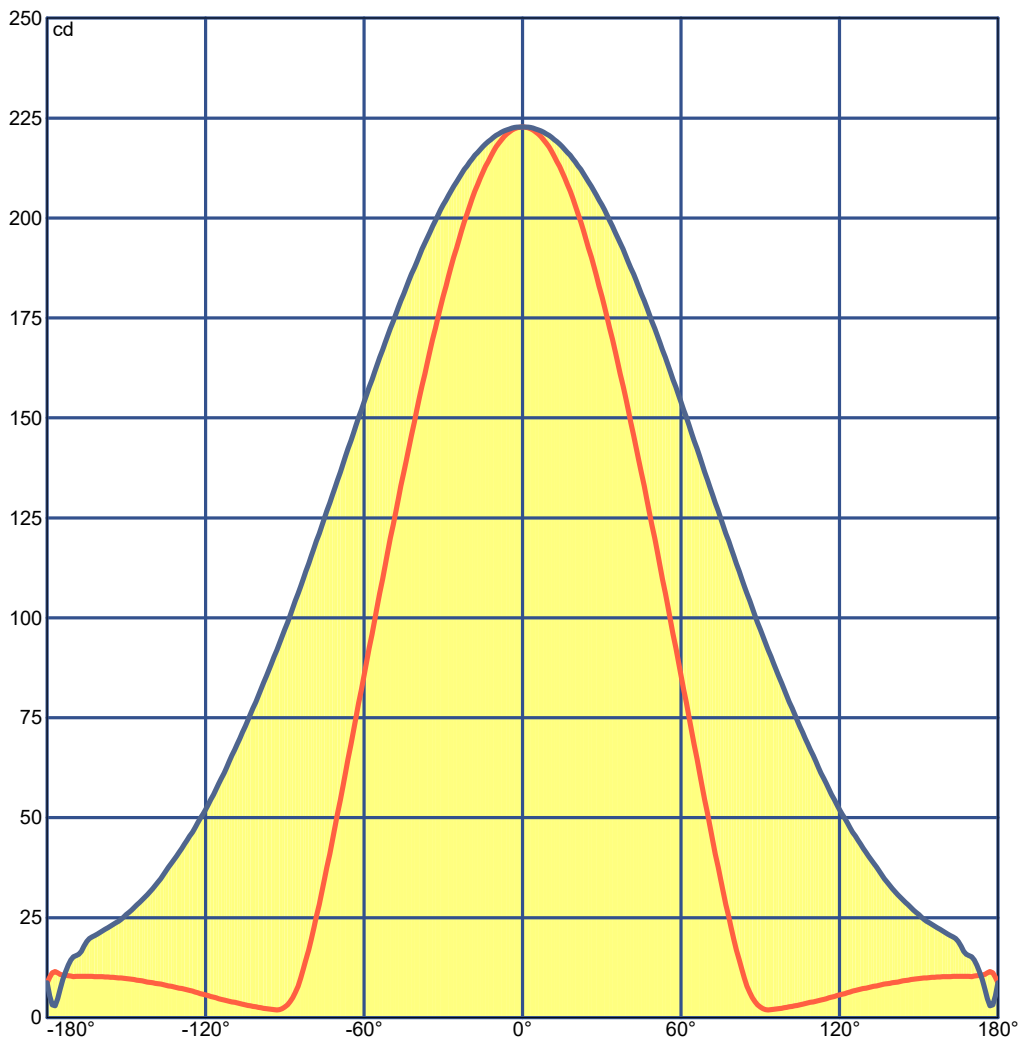
Código A704-015-15-27K
Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
Ensayo
Código CL041A22F001GE1
Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

34mm x 610mm



Semiplanos C
180.0 ——— 0.0
270.0 ——— 90.0



Luminaria

Código A704-015-15-27K

Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Ensayo

Código CL041A22F001GE1

Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

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						Vista Longitudinal				
x=2H y=2H	17.0	18.1	17.5	18.7	19.4	17.8	19.0	18.4	19.6	20.2
x=2H y=3H	18.3	19.4	18.9	20.0	20.7	19.9	20.9	20.5	21.5	22.2
x=2H y=4H	18.8	19.8	19.4	20.5	21.2	20.9	21.9	21.5	22.5	23.2
x=2H y=6H	19.2	20.1	19.8	20.7	21.5	21.9	22.9	22.5	23.5	24.2
x=2H y=8H	19.3	20.2	19.9	20.8	21.6	22.4	23.3	23.0	24.0	24.7
x=2H y=12H	19.3	20.2	20.0	20.8	21.6	22.9	23.7	23.5	24.4	25.1
x=4H y=2H	17.7	18.7	18.3	19.3	20.0	18.4	19.4	19.0	20.0	20.7
x=4H y=3H	19.3	20.2	19.9	20.8	21.6	20.6	21.5	21.3	22.2	22.9
x=4H y=4H	19.9	20.7	20.6	21.4	22.2	21.9	22.7	22.5	23.3	24.1
x=4H y=6H	20.4	21.1	21.1	21.8	22.6	23.1	23.8	23.8	24.5	25.3
x=4H y=8H	20.6	21.2	21.3	21.9	22.8	23.6	24.3	24.4	25.0	25.8
x=4H y=12H	20.7	21.3	21.4	22.0	22.8	24.2	24.8	24.9	25.5	26.4
x=8H y=4H	20.5	21.2	21.2	21.9	22.7	22.2	22.8	22.9	23.5	24.3
x=8H y=6H	21.3	21.8	22.0	22.6	23.4	23.6	24.1	24.3	24.9	25.7
x=8H y=8H	21.6	22.1	22.3	22.8	23.7	24.3	24.8	25.1	25.6	26.4
x=8H y=12H	21.8	22.2	22.6	23.0	23.9	25.1	25.5	25.9	26.3	27.2
x=12H y=4H	21.8	22.4	22.5	23.1	23.9	22.4	23.0	23.1	23.7	24.6
x=12H y=6H	22.4	22.9	23.2	23.7	24.5	23.8	24.3	24.6	25.1	25.9
x=12H y=8H	22.7	23.2	23.5	23.9	24.8	24.6	25.0	25.4	25.8	26.7

Luminaria

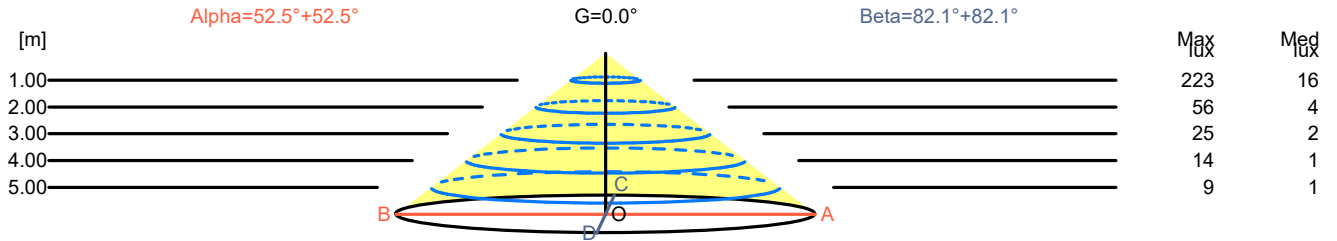
Código A704-015-15-27K
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
 Ensayo
 Código CL041A22F001GE1
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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	1.30	2.61	3.91	5.21	6.52	OC	7.21	14.42	21.62	28.83	36.04
OB	1.30	2.61	3.91	5.21	6.52	OD	7.21	14.42	21.62	28.83	36.04

	Intensidades Luminosas [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	222.76	221.54	211.45	192.49	166.82	136.30	102.84	68.27	34.49	7.84
OB	222.76	221.54	211.45	192.49	166.82	136.30	102.84	68.27	34.49	7.84
OC	222.76	222.26	217.84	209.04	196.50	181.02	163.34	144.25	124.88	106.05
OD	222.76	222.26	217.84	209.04	196.50	181.02	163.34	144.25	124.88	106.05



H[m]	D[m]	Max lux	Med lux	Alpha=52.5°+52.5°		G=0.0
1.00	2.61	223	16			
2.00	5.21	56	4			
3.00	7.82	25	2			
4.00	10.42	14	1			
5.00	13.03	9	1			

H[m]	D[m]	Max lux	Med lux	Beta=82.1°+82.1°		G=0.0
1.00	14.42	223	16			
2.00	28.83	56	4			
3.00	43.25	25	2			
4.00	57.66	14	1			
5.00	72.08	9	1			

Luminaria

Código A704-015-15-27K
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
 Ensayo
 Código CL041A22F001GE1
 Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Flujo Total=1007.12 Flujo Luminaria=1007.12

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	0.38	0.45	0.50	0.58	0.64	0.69	0.74	0.78	0.87	0.93
RC	7	7	7	7	7	7	7	7	7	7	7	7

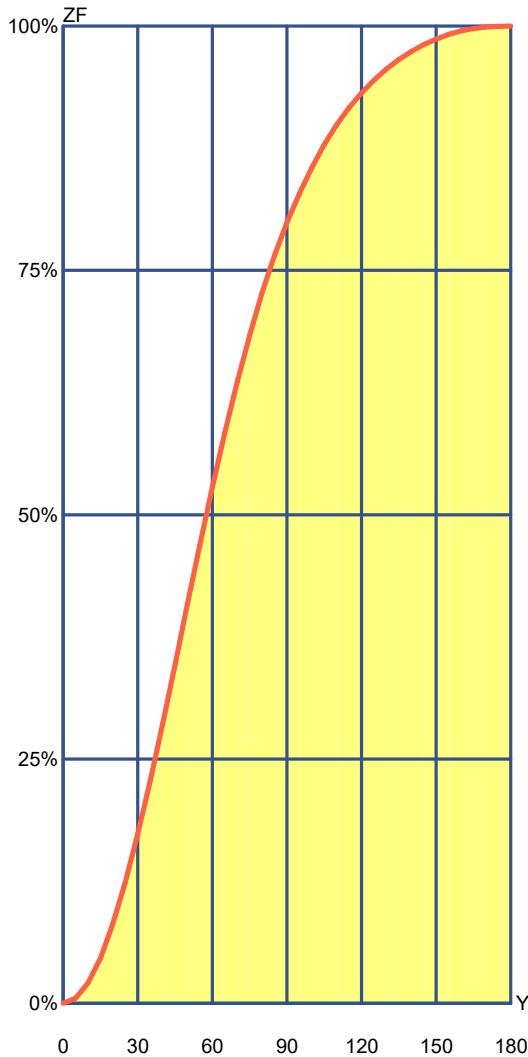
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	21	81	173	286	408	528	636	727	799	855	899	932	956	974	987	995	999	1000

Códigos de Flujo C.I.E.
 38 66 86 80 100

C.I.E. 7
 D DIN 5040 B21
 F UTE 0.80 H + 0.20 T
 B NBN BZ 6
 RN 20.11468 %
 BLF 1.0

LOR 100.00000 %
 ULOR 20.11468 %
 DLOR 79.88532 %
 UFF 20.11468 %
 DFF 79.88532 %
 FFR 25.17944 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	5.28	5.28	0.53 %	0.53 %
10°	15.66	20.94	1.57 %	2.09 %
15°	25.55	46.49	2.56 %	4.65 %
20°	34.63	81.12	3.46 %	8.11 %
25°	42.63	123.75	4.26 %	12.38 %
30°	49.35	173.10	4.93 %	17.31 %
35°	54.65	227.75	5.46 %	22.78 %
40°	58.44	286.19	5.84 %	28.62 %
45°	60.68	346.87	6.07 %	34.69 %
50°	61.46	408.33	6.15 %	40.83 %
55°	60.82	469.15	6.08 %	46.92 %
60°	58.93	528.09	5.89 %	52.81 %
65°	55.97	584.06	5.60 %	58.41 %
70°	52.14	636.19	5.21 %	63.62 %
75°	47.68	683.87	4.77 %	68.39 %
80°	42.94	726.81	4.29 %	72.68 %
85°	38.21	765.02	3.82 %	76.50 %
90°	33.84	798.85	3.38 %	79.89 %
95°	29.98	828.83	3.00 %	82.88 %
100°	26.50	855.33	2.65 %	85.53 %
105°	23.29	878.62	2.33 %	87.86 %
110°	20.31	898.94	2.03 %	89.89 %
115°	17.59	916.53	1.76 %	91.65 %
120°	15.16	931.69	1.52 %	93.17 %
125°	13.09	944.78	1.31 %	94.48 %
130°	11.28	956.06	1.13 %	95.61 %
135°	9.66	965.72	0.97 %	96.57 %
140°	8.22	973.94	0.82 %	97.39 %
145°	6.94	980.89	0.69 %	98.09 %
150°	5.80	986.69	0.58 %	98.67 %
155°	4.71	991.40	0.47 %	99.14 %
160°	3.60	995.00	0.36 %	99.50 %
165°	2.51	997.51	0.25 %	99.75 %
170°	1.53	999.04	0.15 %	99.90 %
175°	0.75	999.79	0.07 %	99.98 %
180°	0.21	1000.00	0.02 %	100.00 %

Luminaria

Código A704-015-15-27K
Nombre AMBROSIA A 60 LEFT MATT GOLD 27K
Ensayo
Código CL041A22F001GE1
Nombre AMBROSIA A 60 LEFT MATT GOLD 27K

Flujo Luminaria	1007.12 lm	Potencia Luminaria	12.21 W	Eficacia	82.49 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	1007.12 lm	Valor Máximo	222.76 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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

