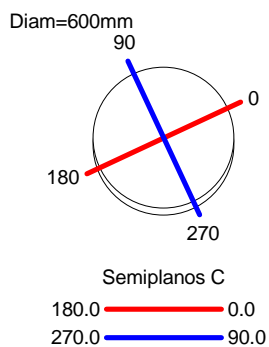


Luminaria

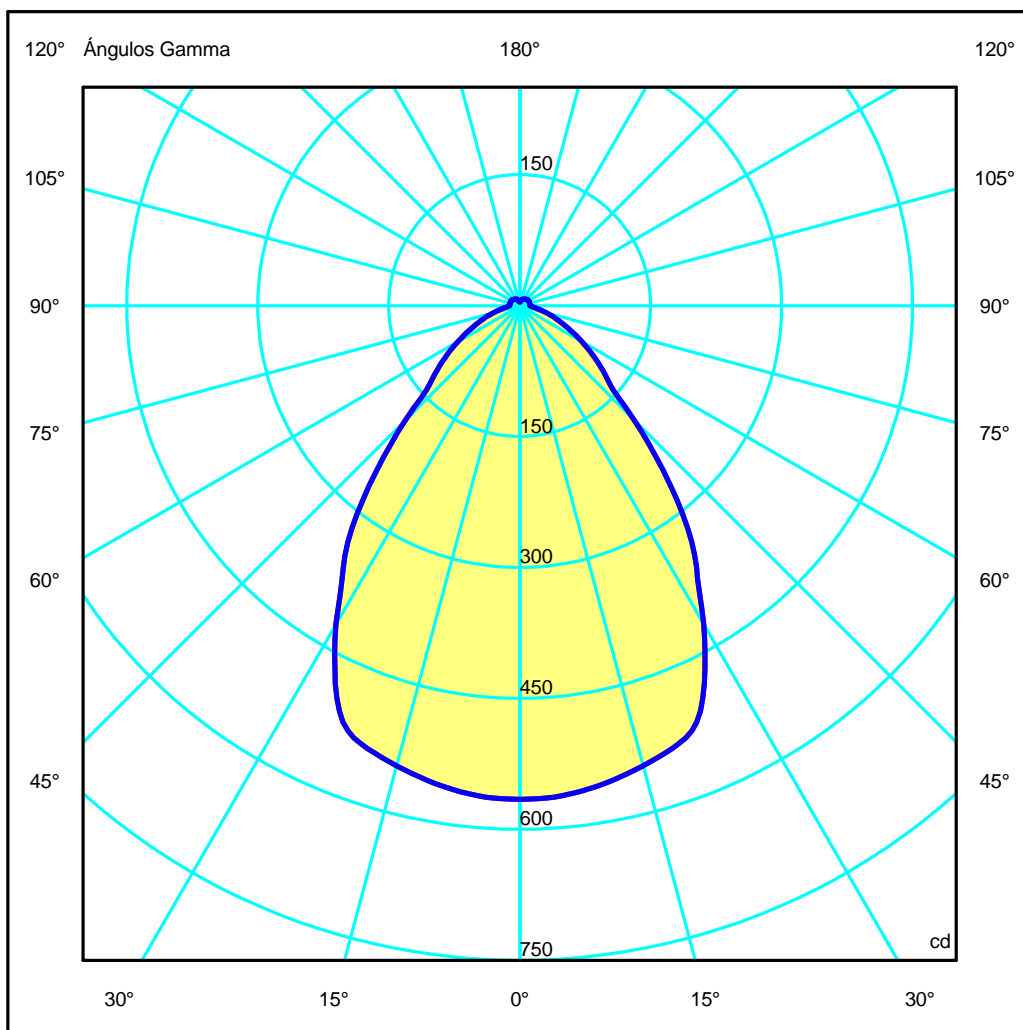
Código A683-003
Nombre JAIMA 54 BEIGE
Ensayo
Código CL041A18F006G
Nombre JAIMA 54 BEIGE

Flujo Luminaria	1062.72 lm	Potencia luminaria	22.75 W	Eficacia	46.70 lm/W	Eficiencia	100.00%
Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda	Diam.	600 mm	Altura	660 mm			
Área Luminosa Redonda	Diam.	600 mm	Altura	660 mm			
Área Luminosa Horizontal	0.282743 m2	Área Emisión sobre Pl. 180°		0.396000 m2			
Área Emisión sobre Pl. 0°	0.396000 m2	Área Emisión sobre Pl. 270°		0.396000 m2			
Área Emisión sobre Pl. 90°	0.396000 m2	Área de deslumbramiento a 76°		0.452639 m2			
Sist. de Coordén.	CG	Tipo de Simetría		Bisimétrico			
Fecha	31-08-2018	Máximo Ángulo Gamma		180			
Distancia de Ensayo	6.44	Flujo de Ensayo		1062.72 lm			
Operador	Asselum T2	Tensión de alimentación [V]		230.12 V			
Temperatura	25.20 °C	Corriente de alimentación [A]		0.11 A			
Humedad	65.20 %	Fotocélula		Prc			
Notas	RM18072002.2; RM18072002.4						

Lámparas de la Luminaria					
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
C.I.E. F UTE	67 89 97 94 100 0.94 C + 0.06 T	D DIN 5040 B NBN	1062.72 A51 BZ 2 / 2 / BZ 3	22.75	1



ULOR 6.19 %
DLOR 93.81 %
RN 6.19 %



Luminaria

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Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 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	565.48	565.48	565.48	565.48	565.48	565.48	565.48
G 2.5	565.03	564.62	564.78	565.26	564.78	564.62	565.03
G 5.0	563.31	562.60	562.97	563.83	562.97	562.60	563.31
G 7.5	560.09	559.56	559.88	561.25	559.88	559.56	560.09
G 10.0	556.12	555.83	556.12	557.18	556.12	555.83	556.12
G 12.5	550.85	551.25	551.17	552.42	551.17	551.25	550.85
G 15.0	545.71	545.55	545.20	546.93	545.20	545.55	545.71
G 17.5	539.88	540.50	539.38	541.51	539.38	540.50	539.88
G 20.0	533.68	531.08	533.09	534.17	533.09	531.08	533.68
G 22.5	522.24	510.64	522.71	515.81	522.71	510.64	522.24
G 25.0	496.11	479.45	500.15	485.48	500.15	479.45	496.11
G 27.5	459.28	439.32	467.71	450.55	467.71	439.32	459.28
G 30.0	421.05	400.27	431.78	411.60	431.78	400.27	421.05
G 32.5	380.68	363.85	387.75	368.20	387.75	363.85	380.68
G 35.0	349.57	342.69	344.03	328.59	344.03	342.69	349.57
G 37.5	311.13	321.97	299.81	292.11	299.81	321.97	311.13
G 40.0	267.98	288.55	253.98	253.70	253.98	288.55	267.98
G 42.5	224.83	248.07	211.82	215.81	211.82	248.07	224.83
G 45.0	184.91	200.54	173.19	184.78	173.19	200.54	184.91
G 47.5	148.34	161.77	148.05	157.16	148.05	161.77	148.34
G 50.0	130.79	132.96	130.11	134.14	130.11	132.96	130.79
G 52.5	117.95	119.86	117.11	117.27	117.11	119.86	117.95
G 55.0	105.17	108.72	104.96	104.56	104.96	108.72	105.17
G 57.5	92.98	95.43	91.74	92.66	91.74	95.43	92.98
G 60.0	81.33	83.60	80.23	81.19	80.23	83.60	81.33
G 62.5	71.07	72.57	69.25	70.07	69.25	72.57	71.07
G 65.0	60.70	62.64	59.74	60.08	59.74	62.64	60.70
G 67.5	52.53	54.04	51.57	51.41	51.57	54.04	52.53
G 70.0	44.42	45.58	43.61	44.23	43.61	45.58	44.42
G 72.5	37.72	38.81	37.01	37.89	37.01	38.81	37.72
G 75.0	31.48	32.09	30.98	31.73	30.98	32.09	31.48
G 77.5	25.75	26.61	25.43	26.22	25.43	26.61	25.75
G 80.0	21.11	22.00	20.83	21.19	20.83	22.00	21.11
G 82.5	17.25	18.51	16.79	17.73	16.79	18.51	17.25
G 85.0	14.61	16.11	14.11	15.25	14.11	16.11	14.61
G 87.5	12.91	13.94	12.32	13.50	12.32	13.94	12.91
G 90.0	11.65	12.34	11.31	12.33	11.31	12.34	11.65
G 92.5	11.46	11.45	11.08	11.50	11.08	11.45	11.46
G 95.0	11.48	11.32	11.14	11.40	11.14	11.32	11.48
G 97.5	11.51	11.33	11.17	11.41	11.17	11.33	11.51
G100.0	11.49	11.35	11.21	11.44	11.21	11.35	11.49
G102.5	11.46	11.36	11.22	11.42	11.22	11.36	11.46
G105.0	11.45	11.36	11.21	11.42	11.21	11.36	11.45
G107.5	11.44	11.37	11.22	11.39	11.22	11.37	11.44
G110.0	11.47	11.38	11.26	11.35	11.26	11.38	11.47
G112.5	11.48	11.40	11.28	11.32	11.28	11.40	11.48
G115.0	11.46	11.37	11.26	11.27	11.26	11.37	11.46
G117.5	11.43	11.32	11.20	11.16	11.20	11.32	11.43
G120.0	11.35	11.23	11.13	11.12	11.13	11.23	11.35
G122.5	11.26	11.13	11.06	11.04	11.06	11.13	11.26
G125.0	11.11	11.03	10.99	11.01	10.99	11.03	11.11
G127.5	10.97	10.84	10.90	10.96	10.90	10.84	10.97
G130.0	10.75	10.68	10.83	10.91	10.83	10.68	10.75
G132.5	10.49	10.47	10.73	10.85	10.73	10.47	10.49
G135.0	10.23	10.28	10.58	10.76	10.58	10.28	10.23
G137.5	9.95	10.04	10.42	10.58	10.42	10.04	9.95
G140.0	9.72	9.81	10.21	10.39	10.21	9.81	9.72
G142.5	9.49	9.60	10.00	10.17	10.00	9.60	9.49
G145.0	9.27	9.35	9.74	9.94	9.74	9.35	9.27
G147.5	9.01	9.08	9.45	9.70	9.45	9.08	9.01
G150.0	8.73	8.77	9.14	9.39	9.14	8.77	8.73
G152.5	8.37	8.44	8.77	9.00	8.77	8.44	8.37
G155.0	8.03	8.10	8.40	8.59	8.40	8.10	8.03
G157.5	7.62	7.69	7.99	8.14	7.99	7.69	7.62
G160.0	7.15	7.27	7.54	7.69	7.54	7.27	7.15
G162.5	6.70	6.78	7.09	7.27	7.09	6.78	6.70
G165.0	6.18	6.27	6.60	6.80	6.60	6.27	6.18
G167.5	5.73	5.78	6.14	6.21	6.14	5.78	5.73
G170.0	5.20	5.26	5.60	5.68	5.60	5.26	5.20
G172.5	4.62	4.76	5.01	5.17	5.01	4.76	4.62
G175.0	4.31	4.42	4.63	4.73	4.63	4.42	4.31
G177.5	4.40	4.53	4.66	4.62	4.66	4.53	4.40
G180.0	4.67	4.67	4.67	4.67	4.67	4.67	4.67

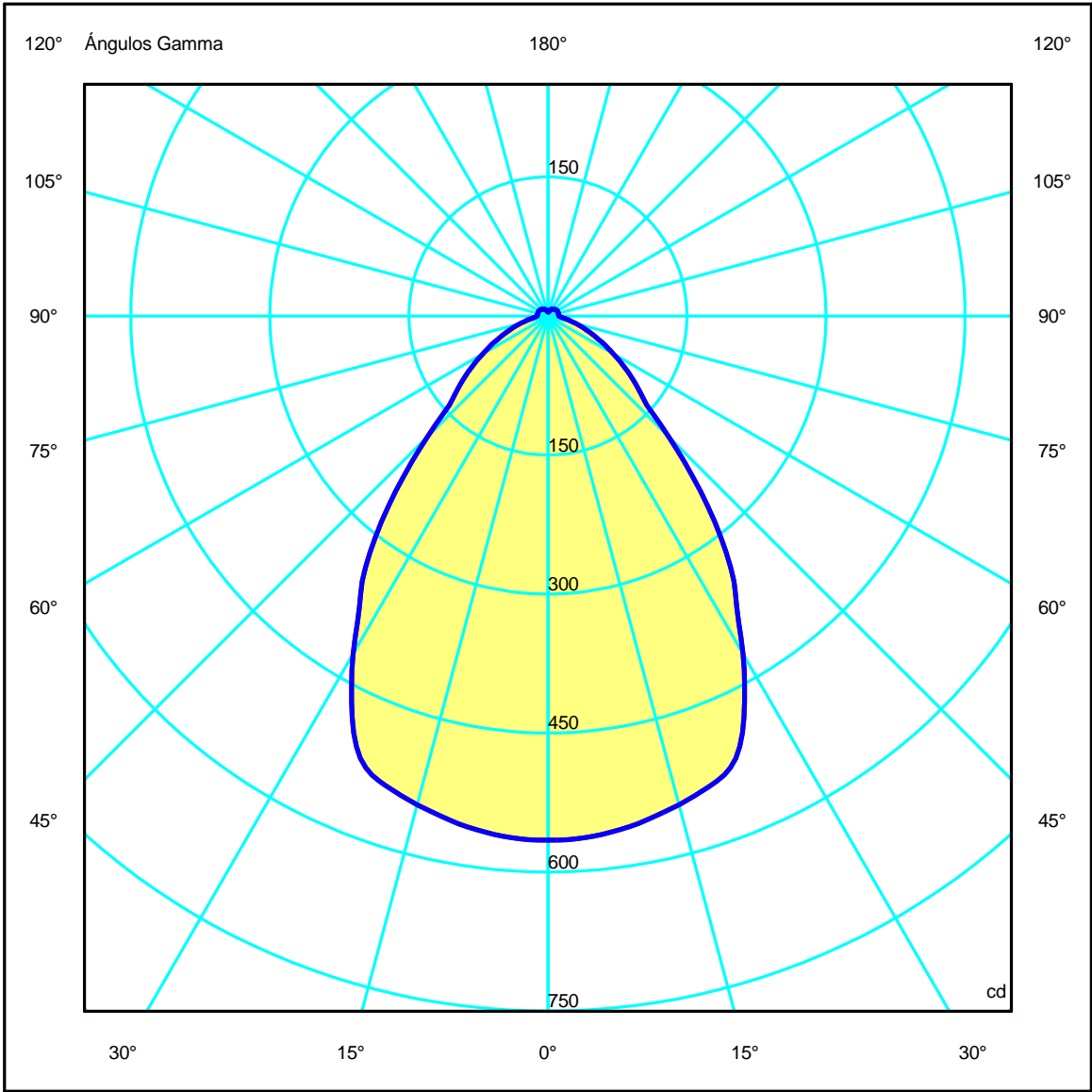
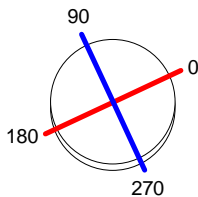
Luminaria
Código A683-003
Nombre JAIMA 54 BEIGE
Ensayo
Código CL041A18F006G
Nombre JAIMA 54 BEIGE

Flujo Luminaria	1062.72 lm	Potencia luminaria	22.75 W	Eficacia	46.70 lm/W	Eficiencia	100.00%
Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=600mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaria
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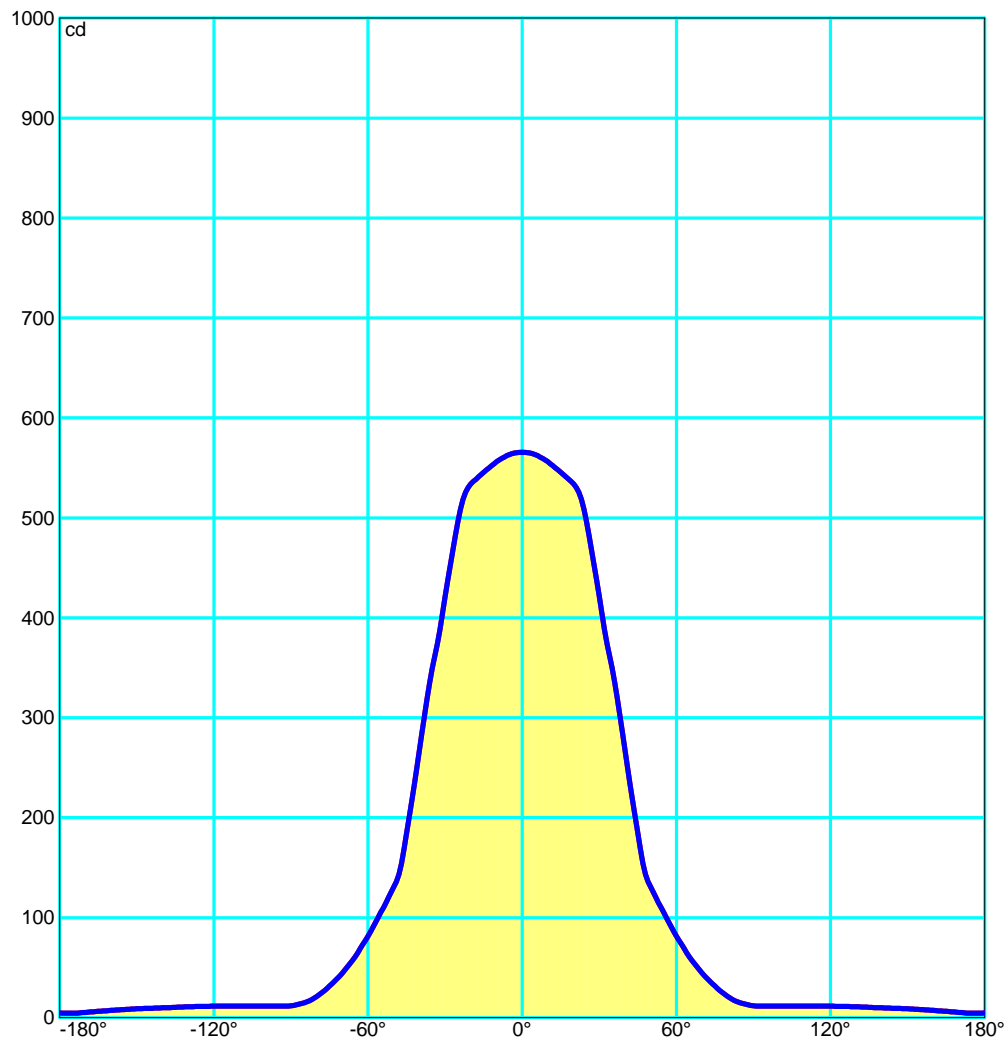
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Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=600mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaria

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Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	6.1	7.1	6.5	7.4	7.8	6.1	7.1	6.5	7.4	7.8
x=2H y=3H	6.7	7.6	7.1	7.9	8.3	6.7	7.6	7.1	7.9	8.3
x=2H y=4H	6.9	7.7	7.3	8.1	8.5	6.9	7.7	7.3	8.1	8.5
x=2H y=6H	7.0	7.8	7.4	8.1	8.6	7.0	7.8	7.4	8.1	8.6
x=2H y=8H	7.0	7.7	7.4	8.2	8.6	7.0	7.7	7.4	8.2	8.6
x=2H y=12H	7.0	7.7	7.5	8.2	8.6	7.0	7.7	7.5	8.2	8.6
x=4H y=2H	6.4	7.2	6.8	7.6	8.0	6.4	7.2	6.8	7.6	8.0
x=4H y=3H	7.0	7.7	7.5	8.2	8.6	7.0	7.7	7.5	8.2	8.6
x=4H y=4H	7.3	7.9	7.8	8.4	8.9	7.3	7.9	7.8	8.4	8.9
x=4H y=6H	7.5	8.0	8.0	8.5	9.0	7.5	8.0	8.0	8.5	9.0
x=4H y=8H	7.6	8.1	8.1	8.6	9.1	7.6	8.1	8.1	8.6	9.1
x=4H y=12H	7.6	8.1	8.2	8.6	9.1	7.6	8.1	8.2	8.6	9.1
x=8H y=4H	7.4	7.9	7.9	8.4	8.9	7.4	7.9	7.9	8.4	8.9
x=8H y=6H	7.6	8.0	8.2	8.6	9.1	7.6	8.0	8.2	8.6	9.1
x=8H y=8H	7.8	8.1	8.3	8.7	9.2	7.8	8.1	8.3	8.7	9.2
x=8H y=12H	7.9	8.2	8.5	8.7	9.4	7.9	8.2	8.5	8.7	9.4
x=12H y=4H	7.4	7.8	7.9	8.3	8.9	7.4	7.8	7.9	8.3	8.9
x=12H y=6H	7.6	8.0	8.2	8.5	9.1	7.6	8.0	8.2	8.5	9.1
x=12H y=8H	7.8	8.1	8.4	8.6	9.3	7.8	8.1	8.4	8.6	9.3

Luminaria

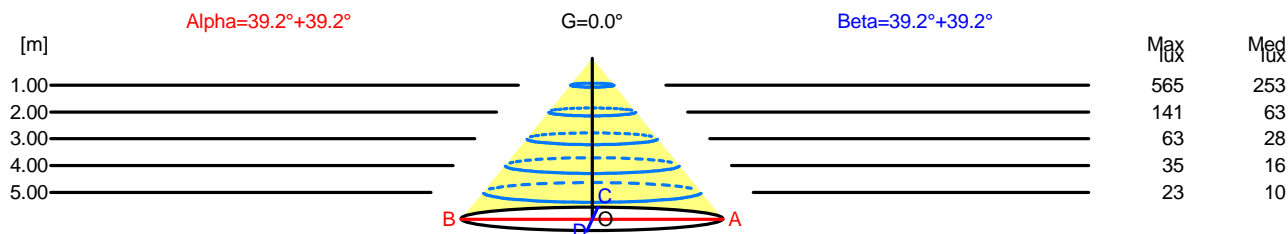
Código A683-003
Nombre JAIMA 54 BEIGE
Ensayo
Código CL041A18F006G
Nombre JAIMA 54 BEIGE

Flujo Luminaria	1062.72 lm	Potencia luminaria	22.75 W	Eficacia	46.70 lm/W	Eficiencia	100.00%
Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 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	0.81	1.63	2.44	3.26	4.07	OC	0.81	1.63	2.44	3.26	4.07
OB	0.81	1.63	2.44	3.26	4.07	OD	0.81	1.63	2.44	3.26	4.07

	Intensidades Luminosas [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61
OB	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61
OC	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61
OD	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61



H[m]	D[m]	Max lux	Med lux	Alpha=39.2°+39.2°	G=0.0
1.00	1.63	565	253		
2.00	3.26	141	63		
3.00	4.89	63	28		
4.00	6.51	35	16		
5.00	8.14	23	10		

H[m]	D[m]	Max lux	Med lux	Beta=39.2°+39.2°	G=0.0
1.00	1.63	565	253		
2.00	3.26	141	63		
3.00	4.89	63	28		
4.00	6.51	35	16		
5.00	8.14	23	10		

Luminaria
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Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

Flujo Total=1062.72 Flujo Luminaria=1062.72

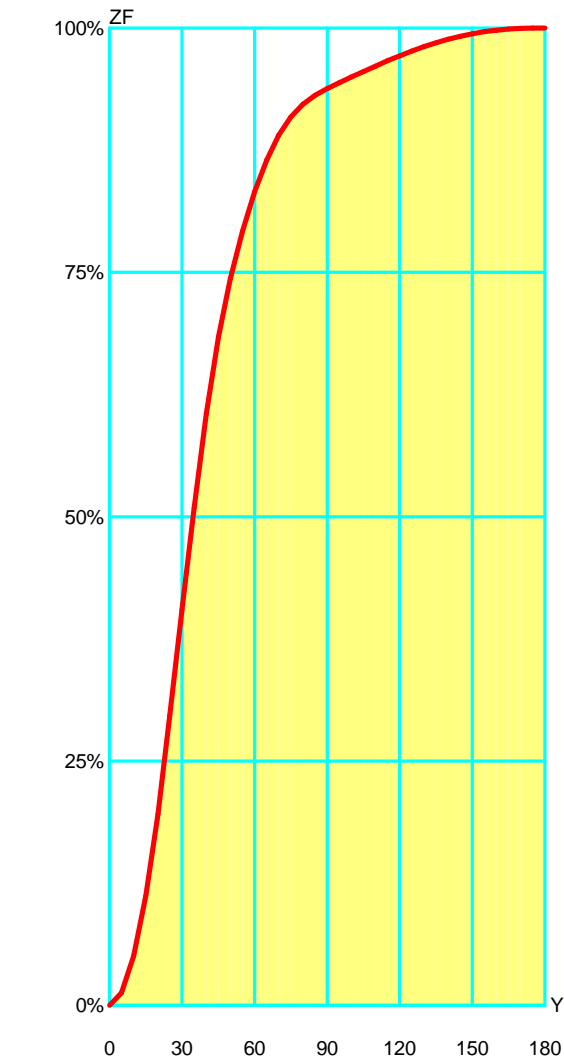
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.46	0.54	0.60	0.66	0.71	0.78	0.82	0.85	0.89	0.91	0.95	0.98
RC	2	2	2	2	2	2	2	2	2	2	2	2

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)	50	196	405	605	744	833	890	922	938	950	961	972	981	989	994	998	1000	1000

Códigos de Flujo C.I.E.
67 89 97 94 100

C.I.E.	2	LOR	100.00000 %
D DIN 5040	A51	ULOR	6.19012 %
F UTE	0.94 C + 0.06 T	DLOR	93.80988 %
B NBN	BZ 2 / 2 / BZ 3	UFF	6.19012 %
RN	6.19012 %	DFF	93.80988 %
BLF	1.0	FFR	6.59858 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	12.69	12.69	1.27 %	1.27 %
10°	37.67	50.37	3.77 %	5.04 %
15°	61.50	111.87	6.15 %	11.19 %
20°	83.67	195.54	8.37 %	19.55 %
25°	101.43	296.97	10.14 %	29.70 %
30°	107.84	404.80	10.78 %	40.48 %
35°	104.35	509.16	10.44 %	50.92 %
40°	96.02	605.18	9.60 %	60.52 %
45°	78.88	684.06	7.89 %	68.41 %
50°	59.45	743.51	5.94 %	74.35 %
55°	48.49	792.00	4.85 %	79.20 %
60°	40.70	832.69	4.07 %	83.27 %
65°	32.48	865.17	3.25 %	86.52 %
70°	25.06	890.23	2.51 %	89.02 %
75°	18.66	908.89	1.87 %	90.89 %
80°	13.20	922.09	1.32 %	92.21 %
85°	9.15	931.24	0.91 %	93.12 %
90°	6.86	938.10	0.69 %	93.81 %
95°	5.91	944.01	0.59 %	94.40 %
100°	5.79	949.80	0.58 %	94.98 %
105°	5.71	955.51	0.57 %	95.55 %
110°	5.58	961.08	0.56 %	96.11 %
115°	5.41	966.49	0.54 %	96.65 %
120°	5.16	971.65	0.52 %	97.16 %
125°	4.83	976.48	0.48 %	97.65 %
130°	4.46	980.94	0.45 %	98.09 %
135°	4.04	984.98	0.40 %	98.50 %
140°	3.57	988.55	0.36 %	98.86 %
145°	3.08	991.63	0.31 %	99.16 %
150°	2.58	994.21	0.26 %	99.42 %
155°	2.06	996.26	0.21 %	99.63 %
160°	1.55	997.82	0.16 %	99.78 %
165°	1.08	998.90	0.11 %	99.89 %
170°	0.67	999.56	0.07 %	99.96 %
175°	0.33	999.90	0.03 %	99.99 %
180°	0.10	1000.00	0.01 %	100.00 %

Luminaria
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Flujo de Lámpara	1062.72 lm	Valor Máximo	565.48 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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

