

Luminaire

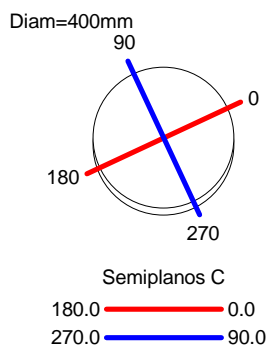
Code A688-001
Name MVV 45 CHERRY WOOD

Measur.

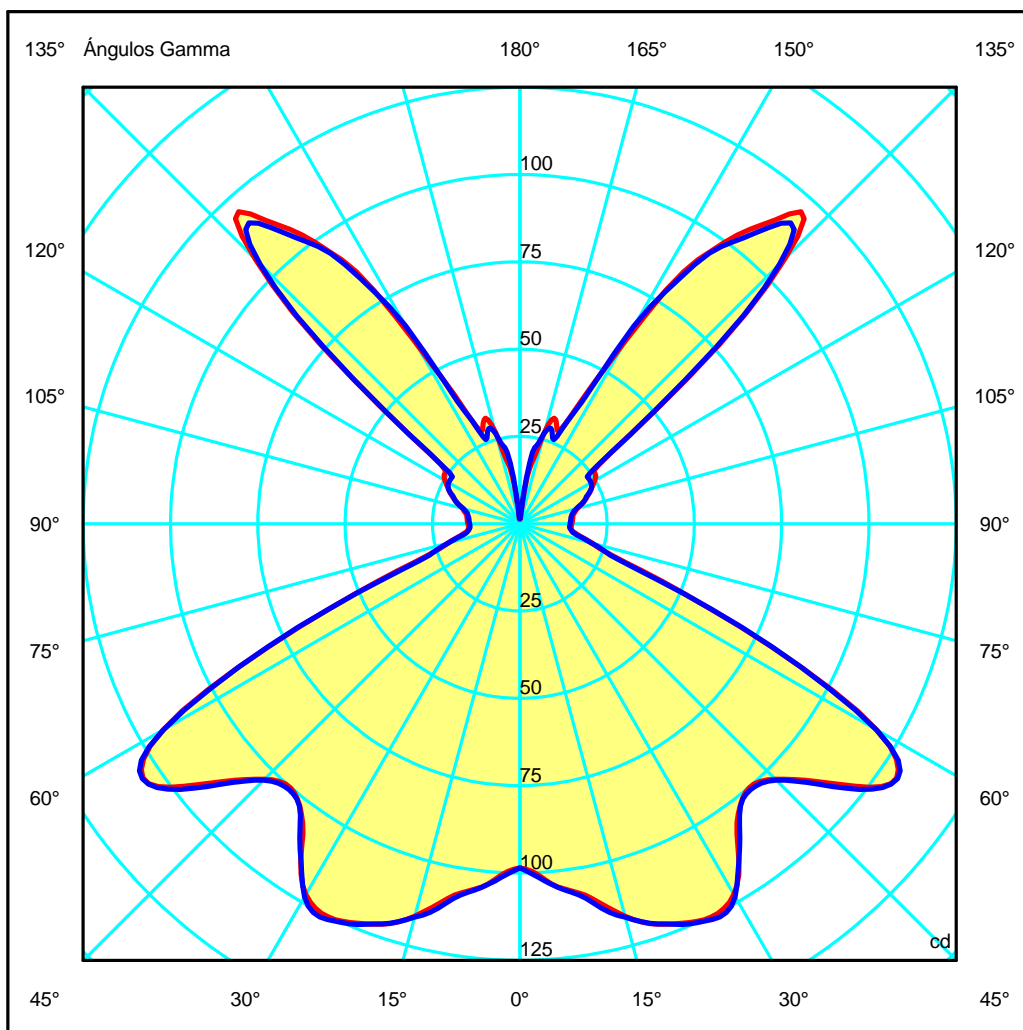
Code CL041A20F010G
Name MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	CG Double Symmetrical	
Round Luminaire		Diam.	400 mm	Height	270 mm		
Round Luminous Area		Diam.	400 mm	Height	270 mm		
Horizontal Luminous Area		0.125664 m2		Emitting area on Plane 180°		0.108000 m2	
Emitting area on Plane 0°		0.108000 m2		Emitting area on Plane 270°		0.108000 m2	
Emitting area on Plane 90°		0.108000 m2		Glare area at 76°		0.135193 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		29-04-2020		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		674.12 lm	
Operator		Asselum T2		Rated Voltage		230.18 V	
Temperature		24.90 °C		Rated Current		0.06 A	
Humidity		42.50 %		Photocell		Prc	
Notes		RM20022603.9					

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		LED	Name	LED	1521.00	11.66	1
C.I.E.	40 77 94 67 44		D DIN 5040		B21		
F UTE	0.30 E + 0.15 T		B NBN		BZ 5		



ULOR 14.78 %
DLOR 29.54 %
RN 33.35 %



Luminaire

Code A688-001
Name MVV 45 CHERRY WOOD

Measurment

Code CL041A20F010G
Name MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	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	98	98	98	98	98	98	98
G 2.5	100	100	100	100	101	100	101
G 5.0	103	103	104	103	104	103	104
G 7.5	106	105	106	105	106	105	106
G 10.0	108	108	108	107	109	108	109
G 12.5	112	111	113	112	113	112	113
G 15.0	116	116	117	115	117	115	117
G 17.5	120	119	119	117	119	118	120
G 20.0	122	121	120	118	120	120	122
G 22.5	124	123	122	120	122	123	124
G 25.0	125	124	125	123	125	125	126
G 27.5	125	125	126	124	126	125	126
G 30.0	123	122	124	122	123	122	123
G 32.5	117	116	118	116	118	115	116
G 35.0	108	108	110	109	110	108	110
G 37.5	103	102	104	104	103	101	103
G 40.0	101	99	101	101	100	99	101
G 42.5	100	99	100	102	100	99	101
G 45.0	103	102	103	104	102	102	104
G 47.5	108	107	107	107	107	107	109
G 50.0	115	113	111	107	111	114	117
G 52.5	124	118	111	102	111	119	125
G 55.0	130	121	106	93	106	122	130
G 57.5	128	117	97	81	98	118	129
G 60.0	118	107	85	67	85	105	118
G 62.5	96	88	67	52	67	86	95
G 65.0	69	65	51	41	52	65	70
G 67.5	48	48	40	33	40	47	46
G 70.0	32	36	33	29	33	35	30
G 72.5	25	29	27	24	28	29	25
G 75.0	22	24	24	20	24	25	21
G 77.5	19	21	21	16	21	22	18
G 80.0	16	19	19	13	19	20	16
G 82.5	15	18	17	12	17	19	15
G 85.0	15	18	17	11	17	18	14
G 87.5	15	17	17	11	17	18	14
G 90.0	15	18	17	11	17	18	14
G 92.5	15	18	17	11	17	18	14
G 95.0	15	18	17	12	17	18	15
G 97.5	15	18	17	12	18	18	15
G100.0	16	18	18	12	18	19	15
G102.5	16	19	18	13	19	19	16
G105.0	17	20	19	14	20	20	17
G107.5	18	21	21	16	21	22	18
G110.0	20	23	22	18	23	23	20
G112.5	21	25	24	21	24	25	21
G115.0	22	27	26	23	25	26	22
G117.5	23	28	27	26	26	28	23
G120.0	25	29	29	29	27	29	24
G122.5	26	30	30	31	29	29	24
G125.0	26	32	32	33	31	30	24
G127.5	31	37	35	34	35	36	30
G130.0	51	51	41	33	40	46	51
G132.5	83	72	48	33	48	61	82
G135.0	107	82	59	39	59	72	105
G137.5	120	84	72	55	74	77	116
G140.0	114	79	89	78	91	78	111
G142.5	105	74	98	94	100	74	102
G145.0	95	69	97	100	97	68	95
G147.5	83	60	84	91	83	59	81
G150.0	60	48	63	71	63	49	65
G152.5	44	37	45	54	45	37	43
G155.0	33	30	36	42	34	29	33
G157.5	29	29	37	41	34	28	26
G160.0	31	32	45	48	42	31	27
G162.5	32	30	48	51	46	32	29
G165.0	27	25	43	43	41	27	27
G167.5	20	22	33	39	34	26	23
G170.0	16	19	30	31	31	22	21
G172.5	9	11	15	15	13	12	11
G175.0	1	3	2	6	2	6	2
G177.5	2	1	2	2	2	2	2
G180.0	2	2	2	2	2	2	2

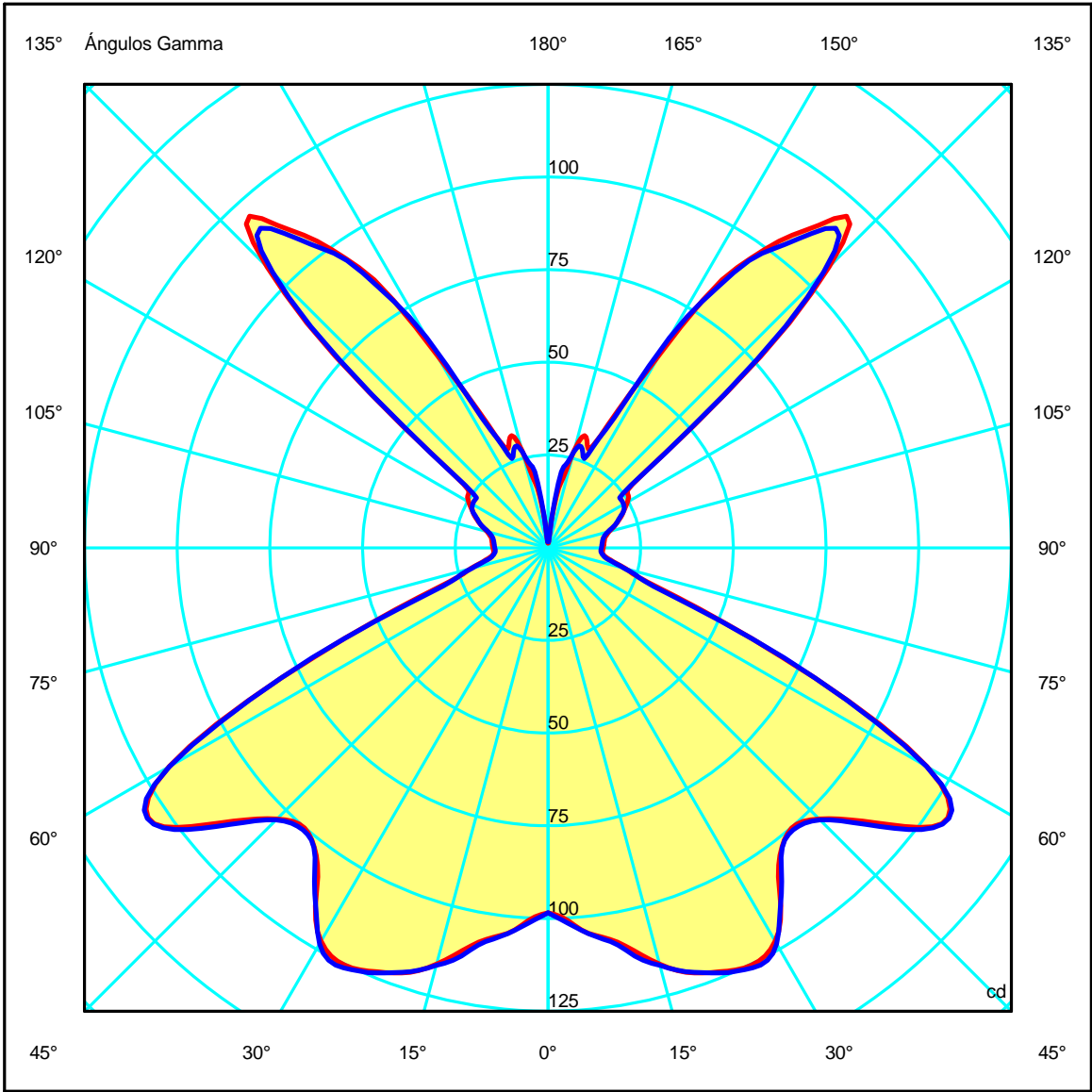
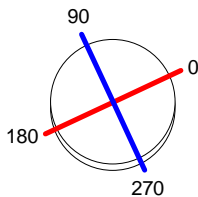
Luminaire
Code A688-001
Name MVV 45 CHERRY WOOD
Measur.
Code CL041A20F010G
Name MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	CG	Double Symmetrical

Diam=400mm

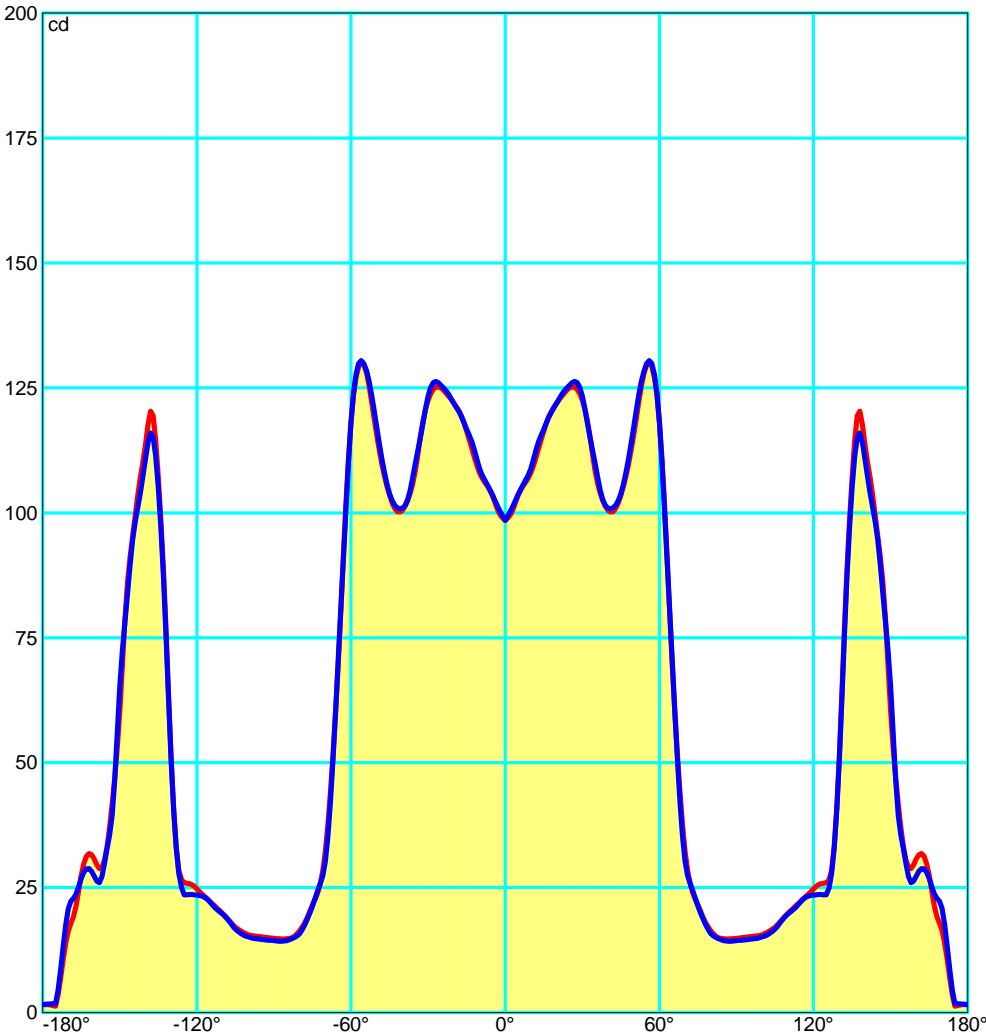
Semiplanos C

180.0 — 0.0
270.0 — 90.0



Luminaire
Code A688-001
Name MVV 45 CHERRY WOOD
Measurem.
Code CL041A20F010G
Name MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	CG	Double Symmetrical



Luminaire

Code A688-001
Name MVV 45 CHERRY WOOD

Measurem.

Code CL041A20F010G
Name MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	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
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	9.8	10.9	10.6	11.6	12.4	9.8	10.8	10.5	11.5	12.4
x=2H y=3H	10.4	11.3	11.1	12.0	12.9	10.3	11.2	11.1	12.0	12.9
x=2H y=4H	10.5	11.3	11.2	12.1	13.0	10.4	11.3	11.2	12.0	12.9
x=2H y=6H	10.5	11.3	11.3	12.1	13.0	10.5	11.2	11.3	12.0	13.0
x=2H y=8H	10.5	11.3	11.3	12.1	13.0	10.5	11.2	11.3	12.0	13.0
x=2H y=12H	10.6	11.3	11.4	12.1	13.0	10.5	11.2	11.3	12.0	13.0
x=4H y=2H	9.9	10.8	10.7	11.5	12.4	9.9	10.7	10.7	11.5	12.4
x=4H y=3H	10.6	11.3	11.4	12.1	13.1	10.5	11.2	11.3	12.0	13.0
x=4H y=4H	10.8	11.4	11.6	12.2	13.2	10.7	11.3	11.5	12.1	13.2
x=4H y=6H	10.9	11.4	11.7	12.3	13.3	10.9	11.4	11.7	12.3	13.3
x=4H y=8H	11.0	11.5	11.8	12.3	13.4	11.0	11.5	11.8	12.3	13.3
x=4H y=12H	11.1	11.5	11.9	12.4	13.4	11.1	11.5	11.9	12.4	13.4
x=8H y=4H	10.7	11.2	11.5	12.0	13.1	10.7	11.2	11.5	12.0	13.1
x=8H y=6H	10.9	11.4	11.8	12.2	13.3	10.9	11.3	11.8	12.2	13.3
x=8H y=8H	11.1	11.5	12.0	12.3	13.4	11.1	11.5	12.0	12.3	13.4
x=8H y=12H	11.3	11.6	12.2	12.5	13.6	11.3	11.6	12.2	12.5	13.6
x=12H y=4H	10.7	11.1	11.5	12.0	13.0	10.6	11.1	11.5	12.0	13.0
x=12H y=6H	10.9	11.3	11.8	12.2	13.3	10.9	11.3	11.8	12.1	13.2
x=12H y=8H	11.1	11.4	12.0	12.3	13.4	11.1	11.4	12.0	12.3	13.4

Luminaire

Code A688-001
Name MVV 45 CHERRY WOOD

Measur.

Code CL041A20F010G
Name MVV 45 CHERRY WOOD

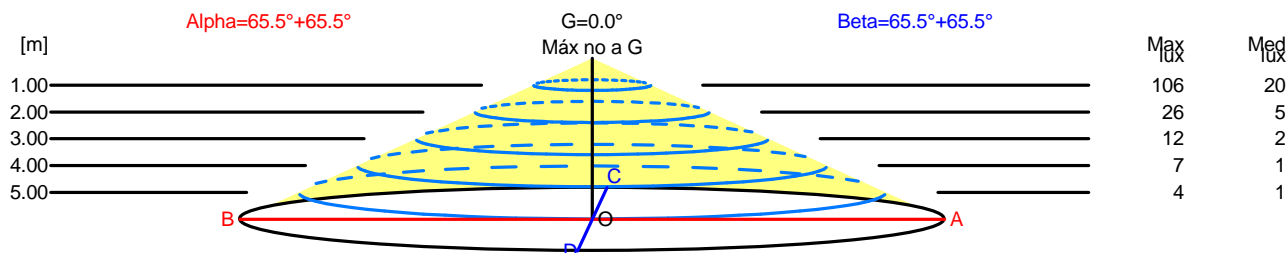
Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	CG	Double Symmetrical

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	2.19	4.38	6.57	8.76	10.95	OC	2.20	4.39	6.59	8.78	10.98
OB	2.19	4.38	6.57	8.76	10.95	OD	2.20	4.39	6.59	8.78	10.98

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	98.49	103.46	116.26	125.04	108.36	103.44	129.71	69.39	21.55	14.75
OB	98.49	103.46	116.26	125.04	108.36	103.44	129.71	69.39	21.55	14.75
OC	98.49	103.60	116.63	125.51	109.86	103.76	129.89	70.25	21.33	14.42
OD	98.49	103.60	116.63	125.51	109.86	103.76	129.89	70.25	21.33	14.42



H[m]	D[m]	Max lux	Med lux	Alpha=65.5°+65.5°	G=0.0 Máx no a G
1.00	4.38	106	20		
2.00	8.76	26	5		
3.00	13.14	12	2		
4.00	17.52	7	1		
5.00	21.90	4	1		

H[m]	D[m]	Max lux	Med lux	Beta=65.5°+65.5°	G=0.0 Máx no a G
1.00	4.39	106	20		
2.00	8.78	26	5		
3.00	13.18	12	2		
4.00	17.57	7	1		
5.00	21.96	4	1		

Luminaire

Code	A688-001
Name	MVV 45 CHERRY WOOD

Measur.

Code	CL041A20F010G
Name	MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	CG	Double Symmetrical

Flujo Total=1521.00 Flujo Luminaria=674.12

[illegible]

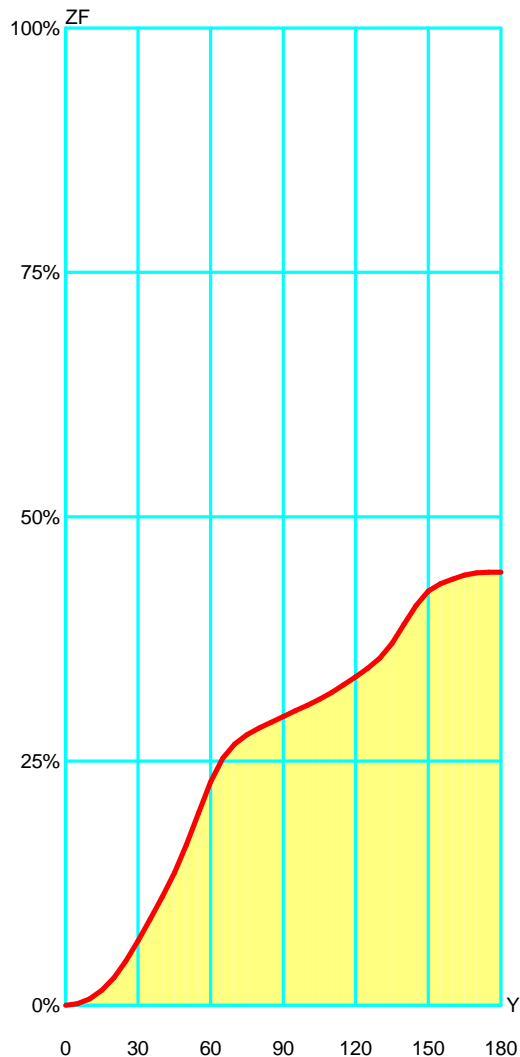
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	7	28	66	111	164	228	267	284	295	307	320	336	355	390	424	436	442	443

Códigos de Flujo C.I.E.

40 77 94 67 44

C.I.E.	7/6/6/6/6/6/6/6/6/6/6	LOR	44.32078 %
D DIN 5040	B21	ULOR	14.77990 %
F UTE	0.30 E + 0.15 T	DLOR	29.54088 %
B NBN	BZ 5	UFF	33.34756 %
RN	33.34756 %	DFF	66.65244 %
BLF	1.0	FFR	50.03201 %



Flujo Zonal				
Gamma °	Flujo	Suma Im	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	1.59	1.59	0.36 %	0.36 %
10°	4.97	6.56	1.12 %	1.48 %
15°	8.77	15.33	1.98 %	3.46 %
20°	12.82	28.15	2.89 %	6.35 %
25°	16.88	45.03	3.81 %	10.16 %
30°	20.71	65.74	4.67 %	14.83 %
35°	22.48	88.22	5.07 %	19.90 %
40°	22.76	110.98	5.14 %	25.04 %
45°	24.57	135.55	5.54 %	30.58 %
50°	28.52	164.07	6.43 %	37.02 %
55°	32.41	196.48	7.31 %	44.33 %
60°	31.97	228.46	7.21 %	51.55 %
65°	24.26	252.71	5.47 %	57.02 %
70°	14.55	267.26	3.28 %	60.30 %
75°	9.41	276.68	2.12 %	62.43 %
80°	7.06	283.74	1.59 %	64.02 %
85°	5.93	289.67	1.34 %	65.36 %
90°	5.74	295.41	1.30 %	66.65 %
95°	5.79	301.20	1.31 %	67.96 %
100°	5.86	307.06	1.32 %	69.28 %
105°	6.16	313.22	1.39 %	70.67 %
110°	6.83	320.05	1.54 %	72.21 %
115°	7.73	327.78	1.74 %	73.96 %
120°	8.42	336.21	1.90 %	75.86 %
125°	8.84	345.05	1.99 %	77.85 %
130°	10.22	355.27	2.31 %	80.16 %
135°	15.12	370.38	3.41 %	83.57 %
140°	19.28	389.67	4.35 %	87.92 %
145°	19.56	409.23	4.41 %	92.33 %
150°	14.56	423.79	3.29 %	95.62 %
155°	7.55	431.34	1.70 %	97.32 %
160°	4.73	436.07	1.07 %	98.39 %
165°	4.10	440.18	0.93 %	99.32 %
170°	2.32	442.50	0.52 %	99.84 %
175°	0.68	443.17	0.15 %	99.99 %
180°	0.04	443.21	0.01 %	100.00 %

Luminaire
Code A688-001
Name MVV 45 CHERRY WOOD
Measur.
Code CL041A20F010G
Name MVV 45 CHERRY WOOD

Luminaire Flux	674.12 lm	Luminaire Power	11.66 W	Efficacy	57.83 lm/W	Efficiency	44.32%
Sources Flux	1521.00 lm	Maximum value	129.89 cd	Position	C=90.00 G=55.00	CG Double Symmetrical	

Isolux (Floor)

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

