

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P892570

Luminaire Tested: 2MB-2SL-RND-UNV-L935

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892570
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2MB-2SL-RND-UNV-L935
Description: 2000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 3500K CCT
Light Source: -
Ballast/Driver: -

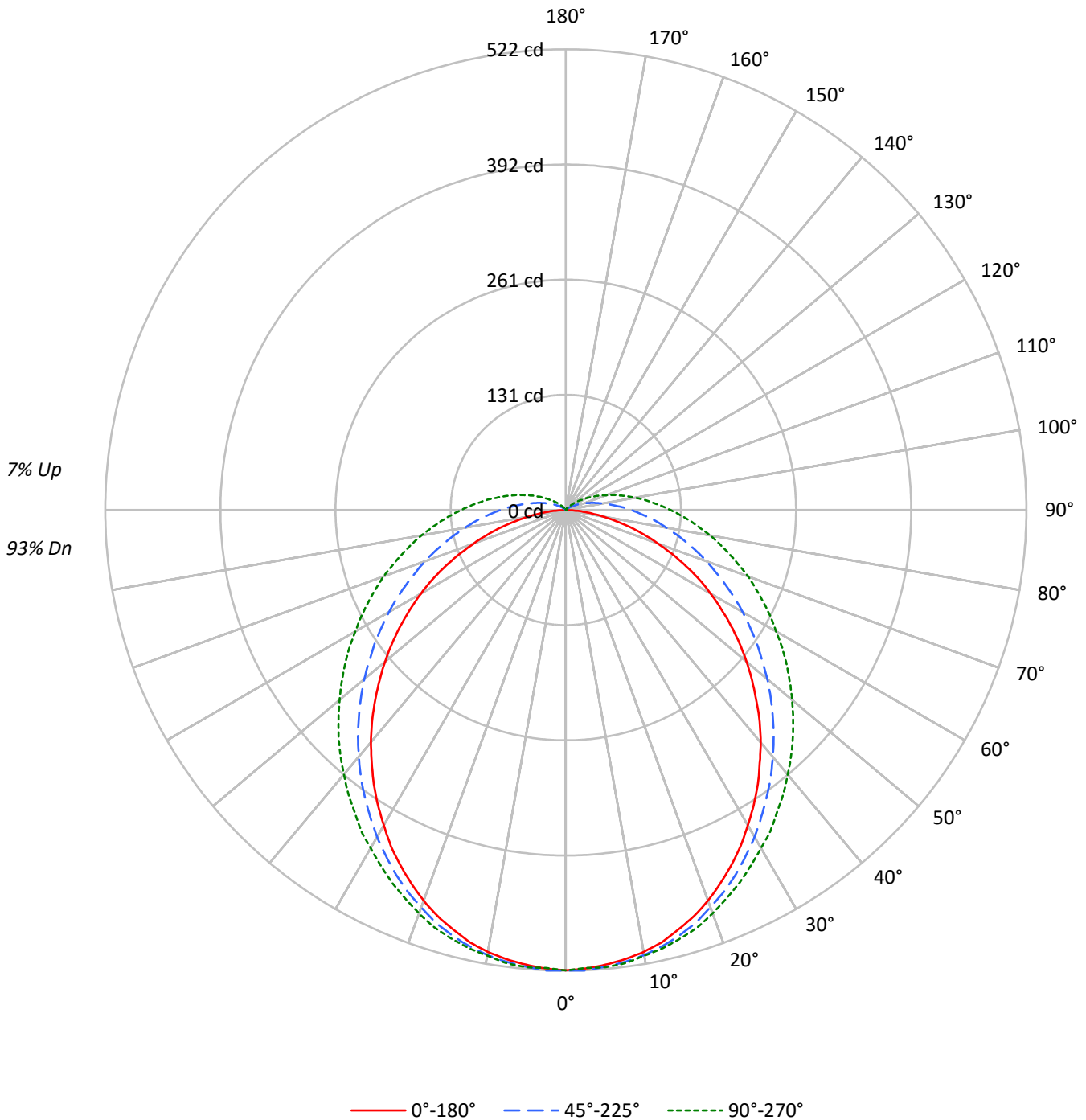
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1697.0 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.27 / 1.35
Luminous Opening: Rectangular (W 0.38' x L: 1.98' x H: 0')
CIE Type: Direct

Input Watts (W): 14.9
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.92
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: 2MB-2SL-RND-UNV-L935

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20				20		
RC	80				70					50					30				10	0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96				93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	77				74
2	95	86	79	72	92	84	77	71	79	73	68	75	70	66	70	67	63				61
3	87	75	67	60	83	73	65	59	69	62	57	65	60	55	62	57	53				50
4	79	67	57	50	76	65	56	50	61	54	48	58	52	47	55	50	45				43
5	73	59	50	43	70	58	49	43	55	47	41	52	46	40	50	44	39				37
6	67	53	44	38	65	52	43	37	49	42	36	47	40	35	45	39	34				32
7	62	48	39	33	60	47	39	33	45	37	32	43	36	31	41	35	31				28
8	58	44	35	29	56	43	35	29	41	34	29	39	33	28	38	32	27				25
9	54	40	32	26	52	40	32	26	38	31	26	36	30	25	35	29	25				23
10	51	37	29	24	49	37	29	24	35	28	23	34	27	23	32	27	22				21

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7462	7462	7462
5°	7427	7459	7469
10°	7385	7437	7449
15°	7291	7387	7442
20°	7170	7294	7405
25°	7007	7191	7354
30°	6812	7067	7308
35°	6626	6933	7291
40°	6417	6812	7305
45°	6181	6713	7366
50°	5951	6634	7451
55°	5699	6594	7619
60°	5428	6623	7879
65°	5084	6743	8357
70°	4655	7106	9193
75°	4212	7815	10607
80°	3559	9532	13700
85°	2889	15396	23209

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 87.5°

Luminance: 42537 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.3	2.9
10°-20°	140.3	8.3
20°-30°	209.2	12.3
30°-40°	248.3	14.6
40°-50°	256.6	15.1
50°-60°	236.8	14.0
60°-70°	196.6	11.6
70°-80°	145.7	8.6
80°-90°	96.1	5.7
90°-100°	58.4	3.4
100°-110°	33.0	1.9
110°-120°	16.5	1.0
120°-130°	6.8	0.4
130°-140°	2.2	0.1
140°-150°	0.6	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	398.9	23.5
0°-40°	647.2	38.1
0°-60°	1140.6	67.2
0°-90°	1579.0	93.0
90°-120°	107.9	6.4
90°-150°	117.5	6.9
90°-180°	118.0	7.0
0°-180°	1697.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	522	522	522	522	522	
5°	517	524	519	518	520	49
15°	492	500	499	500	502	139
25°	444	451	456	460	466	204
35°	379	388	397	410	418	237
45°	306	315	332	352	364	236
55°	228	239	264	291	306	204
65°	150	166	199	232	247	149
75°	76	100	141	176	192	80
85°	18	50	94	127	141	20
90°	0	33	74	106	119	1
95°	0	20	56	86	98	0
105°	0	7	32	54	64	0
115°	0	2	15	30	37	0
125°	0	1	6	14	18	0
135°	1	0	2	5	7	1
145°	1	1	1	2	2	0
155°	1	1	1	0	0	0
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



TEST NUMBER: P892570
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6
2.5°	520.1	518.6	519.4	519.4	521.6	527.4	525.2	525.2	525.2	519.4	522.3
5°	517.2	515.7	516.4	517.2	518.6	524.5	522.3	523.0	522.3	516.4	519.4
7.5°	513.5	512.0	512.0	512.8	515.0	520.8	518.6	519.4	518.6	512.8	516.4
10°	508.4	506.9	507.6	508.4	509.8	516.4	514.2	514.2	514.2	509.1	512.0
12.5°	501.8	500.3	501.0	501.8	504.0	509.1	506.9	507.6	507.6	503.2	506.2
15°	492.3	490.8	492.3	493.0	495.2	500.3	498.8	499.6	499.6	495.2	498.8
17.5°	482.7	480.5	482.0	482.7	485.7	490.1	488.6	490.1	490.1	485.7	490.1
20°	471.0	468.8	470.3	471.7	473.9	478.3	476.9	478.3	478.3	474.7	479.1
22.5°	457.8	455.6	457.1	458.6	461.5	465.2	464.4	465.9	465.9	463.0	468.1
25°	443.9	441.7	443.9	444.6	447.6	451.2	451.2	452.0	452.7	450.5	455.6
27.5°	429.3	426.3	428.5	430.0	432.9	436.6	436.6	438.0	438.0	437.3	441.7
30°	412.4	410.2	413.1	413.9	416.8	420.5	421.2	422.7	422.7	421.9	427.8
32.5°	396.3	394.1	396.3	397.8	401.4	404.4	405.1	406.5	407.3	407.3	412.4
35°	379.4	377.2	379.4	380.9	384.6	387.5	388.2	389.7	390.4	391.9	397.0
37.5°	361.1	359.7	361.9	363.3	367.0	369.9	370.7	372.9	373.6	375.8	381.6
40°	343.6	341.4	343.6	345.0	349.4	351.6	353.1	355.3	356.7	358.9	364.8
42.5°	325.2	323.8	325.2	328.2	331.1	334.0	335.5	337.7	339.9	343.6	348.7
45°	305.5	305.5	306.9	309.9	312.8	315.0	317.2	320.1	322.3	326.0	331.8
47.5°	286.4	286.4	287.9	290.1	293.7	295.9	298.1	301.8	304.0	308.4	315.0
50°	267.4	266.6	268.8	271.8	275.4	277.6	279.8	283.5	286.4	291.5	298.1
52.5°	248.3	246.9	249.1	252.7	255.6	258.6	260.8	264.4	268.1	274.7	280.6
55°	228.5	227.8	230.0	232.9	236.6	238.8	241.7	246.1	250.5	257.1	264.4
57.5°	208.8	208.8	211.0	213.9	218.3	220.5	223.4	228.5	232.9	240.3	247.6
60°	189.7	189.0	191.2	195.6	199.2	202.2	205.1	211.0	216.1	224.2	231.5
62.5°	170.7	169.9	172.9	175.8	180.9	183.9	186.8	193.4	199.2	208.0	215.4
65°	150.2	150.9	153.1	156.0	161.9	165.5	169.2	176.5	183.1	191.2	199.2
67.5°	130.4	130.4	133.3	137.0	144.3	148.0	151.6	159.7	166.3	175.8	183.9
70°	111.3	112.1	115.7	119.4	126.7	130.4	134.8	143.6	150.9	160.4	169.9
72.5°	93.0	94.5	97.4	103.3	110.6	114.3	119.4	128.2	135.5	145.8	155.3
75°	76.2	76.9	80.6	87.2	95.2	99.6	104.0	113.5	122.3	131.9	141.4
77.5°	58.6	60.1	64.5	71.8	81.3	85.7	90.1	100.4	109.1	118.7	128.2
80°	43.2	44.7	50.5	57.9	68.1	72.5	77.6	87.9	96.7	106.2	115.7
82.5°	29.3	31.5	37.4	45.4	55.7	60.8	65.9	76.2	85.7	95.2	104.8
85°	17.6	19.8	26.4	35.2	45.4	49.8	54.9	65.9	74.7	84.2	93.8
87.5°	7.3	11.0	17.6	26.4	35.9	40.3	46.1	56.4	65.2	74.0	83.5
90°	0.0	4.4	11.0	19.0	28.6	33.0	37.4	47.6	56.4	65.2	74.0
92.5°	0.0	1.5	6.6	13.2	22.0	25.6	30.0	39.6	47.6	56.4	65.2
95°	0.0	0.7	3.7	9.5	16.1	19.8	24.2	33.0	40.3	49.1	56.4
97.5°	0.0	0.0	2.2	6.6	12.5	15.4	19.0	27.1	34.4	41.8	49.8
100°	0.0	0.0	1.5	4.4	8.8	11.7	14.7	22.0	28.6	35.9	42.5
102.5°	0.0	0.0	0.7	2.9	6.6	8.8	11.0	17.6	23.4	30.0	36.6
105°	0.0	0.0	0.7	1.5	4.4	6.6	8.8	13.9	19.0	24.9	31.5
107.5°	0.0	0.0	0.0	1.5	3.7	5.1	6.6	11.0	15.4	20.5	26.4
110°	0.0	0.0	0.0	0.7	2.2	3.7	5.1	8.8	12.5	16.8	22.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.7	1.5	2.2	3.7	6.6	9.5	13.9	17.6
115°	0.0	0.0	0.0	0.0	0.7	1.5	2.2	5.1	7.3	11.0	14.7
117.5°	0.0	0.0	0.0	0.0	0.7	1.5	1.5	3.7	5.9	8.8	11.7
120°	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.9	4.4	6.6	9.5
122.5°	0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.5	2.9	5.1	7.3
125°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.2	3.7	5.9
127.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.5	2.9	4.4
130°	0.7	0.0	0.0	0.0	0.7	0.0	0.7	0.7	1.5	2.2	2.9
132.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.2
135°	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.7	0.7	1.5
137.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5
140°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
150°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
152.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
157.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
160°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
162.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
165°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
167.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
170°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
172.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
177.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6	521.6
2.5°	522.3	516.4	520.1	519.4	518.6	517.2	520.8	517.9	519.4	519.4
5°	520.1	514.2	518.6	518.6	517.9	516.4	520.1	517.2	519.4	520.1
7.5°	516.4	512.0	516.4	515.7	515.7	514.2	517.9	515.7	517.9	517.9
10°	512.0	507.6	512.0	511.3	511.3	509.8	512.8	510.6	512.8	512.8
12.5°	506.2	501.8	506.9	506.2	505.4	504.7	507.6	505.4	508.4	508.4
15°	498.8	495.9	501.0	500.3	500.3	498.8	502.5	500.3	503.2	502.5
17.5°	490.8	487.9	493.0	493.0	492.3	492.3	494.5	492.3	495.9	495.9
20°	479.8	476.9	482.7	482.7	482.0	482.0	484.2	482.0	486.4	486.4
22.5°	468.1	465.9	471.0	471.7	471.0	471.0	473.2	471.7	476.1	476.1
25°	455.6	454.9	460.0	460.8	460.0	460.8	463.0	461.5	465.9	465.9
27.5°	442.4	442.4	447.6	448.3	449.0	449.0	451.2	449.8	454.9	454.2
30°	428.5	428.5	434.4	435.9	435.9	436.6	438.8	437.3	442.4	442.4
32.5°	413.9	414.6	420.5	422.7	422.7	424.1	425.6	424.9	430.0	431.5
35°	399.2	400.0	406.5	408.7	409.5	410.2	412.4	412.4	416.8	417.5
37.5°	382.4	385.3	391.2	394.1	394.8	396.3	398.5	398.5	403.6	405.1
40°	366.3	369.9	376.5	379.4	380.2	381.6	384.6	384.6	389.7	391.2
42.5°	350.9	355.3	361.1	365.5	366.3	368.5	369.9	371.4	376.5	378.0
45°	334.0	339.2	345.8	350.1	351.6	353.8	355.3	357.5	361.9	364.1
47.5°	317.9	323.0	330.4	335.5	336.2	339.2	340.6	342.8	347.2	349.4
50°	301.1	307.7	315.0	320.8	321.6	323.8	326.0	328.2	332.6	334.8
52.5°	285.0	291.5	298.9	304.7	306.2	308.4	310.6	312.8	317.9	320.1
55°	268.8	275.4	282.8	289.3	290.8	293.0	295.2	298.1	303.3	305.5
57.5°	252.7	260.0	267.4	274.0	275.4	278.4	280.6	283.5	287.9	290.8
60°	237.3	244.7	252.7	259.3	260.0	264.4	265.9	268.8	273.2	275.4
62.5°	221.2	230.7	237.3	244.7	246.1	249.1	251.3	254.2	258.6	261.5
65°	205.8	215.4	222.0	229.3	231.5	234.4	236.6	239.5	243.9	246.9
67.5°	191.2	200.7	208.0	215.4	217.6	219.8	222.7	225.6	229.3	232.9
70°	177.3	187.5	194.1	201.4	203.6	206.6	209.5	211.7	216.1	219.8
72.5°	163.4	173.6	180.2	188.3	189.7	192.7	195.6	198.5	202.2	205.1
75°	149.4	159.7	167.0	174.3	176.5	179.5	182.4	185.3	189.0	191.9
77.5°	136.2	146.5	153.8	161.9	163.4	166.3	169.9	172.9	175.8	178.7
80°	123.8	134.1	141.4	148.7	150.9	153.8	156.8	160.4	163.4	166.3
82.5°	112.8	122.3	128.9	137.0	138.4	141.4	144.3	147.2	150.2	153.1
85°	101.8	111.3	117.9	125.3	126.7	129.7	132.6	135.5	139.2	141.4
87.5°	91.6	100.4	107.7	114.3	115.7	118.7	121.6	123.8	126.7	129.7
90°	82.0	90.8	97.4	104.0	105.5	108.4	110.6	113.5	116.5	118.7
92.5°	72.5	81.3	87.2	93.8	95.2	98.2	101.1	103.3	106.2	108.4
95°	64.5	72.5	78.4	85.0	85.7	88.6	91.6	93.8	96.7	98.2
97.5°	56.4	64.5	70.3	76.2	76.9	79.8	82.8	85.0	87.2	89.4
100°	49.1	56.4	62.3	67.4	68.9	71.1	74.0	76.2	78.4	79.8
102.5°	42.5	49.1	54.2	60.1	60.8	63.7	65.9	68.1	70.3	71.8
105°	36.6	43.2	47.6	52.7	53.5	56.4	58.6	60.8	63.0	63.7
107.5°	31.5	36.6	41.0	46.1	47.6	49.1	51.3	53.5	55.7	56.4
110°	26.4	31.5	35.9	39.6	41.0	43.2	44.7	46.9	48.3	49.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	22.0	26.4	30.0	34.4	35.2	37.4	38.8	40.3	42.5	43.2
115°	18.3	22.7	25.6	29.3	30.0	31.5	33.7	35.2	36.6	37.4
117.5°	15.4	18.3	21.2	24.2	25.6	27.1	28.6	30.0	30.8	31.5
120°	12.5	15.4	17.6	20.5	21.2	22.7	24.2	24.9	26.4	27.1
122.5°	9.5	12.5	14.7	16.8	17.6	19.0	19.8	21.2	22.0	22.0
125°	7.3	9.5	11.7	13.2	13.9	15.4	16.1	17.6	18.3	18.3
127.5°	5.9	7.3	8.8	11.0	11.0	12.5	13.2	13.9	14.7	14.7
130°	4.4	5.9	7.3	8.1	8.8	9.5	10.3	11.0	11.7	11.7
132.5°	2.9	4.4	5.1	6.6	6.6	7.3	8.1	8.1	8.8	8.8
135°	2.2	2.9	3.7	4.4	5.1	5.1	5.9	6.6	6.6	6.6
137.5°	1.5	2.2	2.9	3.7	3.7	3.7	4.4	4.4	5.1	5.1
140°	0.7	1.5	1.5	2.2	2.2	2.9	2.9	2.9	3.7	3.7
142.5°	0.7	0.7	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2
145°	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
147.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5
150°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
152.5°	0.7	0.7	0.7	0.0	0.0	0.0	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
160°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
162.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0
165°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0
167.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
170°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0
172.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.7	0.0
175°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
177.5°	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	17.06	18.60	17.53	19.05	19.54	18.83	20.37	19.30	20.82	21.31
	3H	18.69	20.09	19.17	20.55	21.08	21.41	22.81	21.90	23.28	23.80
	4H	19.27	20.60	19.77	21.08	21.62	22.71	24.04	23.21	24.52	25.06
	6H	19.67	20.91	20.19	21.40	21.96	24.11	25.34	24.62	25.84	26.39
	8H	19.79	20.97	20.32	21.49	22.05	24.84	26.03	25.37	26.55	27.11
	12H	19.86	21.00	20.40	21.51	22.11	25.68	26.82	26.22	27.33	27.93
4H	2H	18.03	19.36	18.54	19.85	20.38	19.38	20.70	19.88	21.19	21.73
	3H	19.97	21.10	20.48	21.63	22.19	22.26	23.39	22.77	23.91	24.48
	4H	20.73	21.77	21.27	22.31	22.90	23.77	24.80	24.30	25.34	25.93
	6H	21.30	22.22	21.86	22.78	23.39	25.39	26.31	25.95	26.87	27.48
	8H	21.48	22.34	22.04	22.91	23.53	26.26	27.12	26.82	27.68	28.30
	12H	21.60	22.39	22.18	22.98	23.60	27.25	28.03	27.83	28.62	29.25
8H	4H	21.63	22.49	22.19	23.05	23.67	24.12	24.98	24.68	25.54	26.16
	6H	22.50	23.23	23.09	23.84	24.46	26.00	26.74	26.59	27.34	27.97
	8H	22.85	23.51	23.45	24.13	24.76	27.07	27.73	27.67	28.35	28.99
	12H	23.12	23.71	23.72	24.31	25.01	28.32	28.91	28.92	29.51	30.22
12H	4H	21.91	22.69	22.49	23.29	23.91	24.16	24.94	24.74	25.53	26.16
	6H	22.95	23.61	23.56	24.23	24.87	26.10	26.77	26.71	27.38	28.02
	8H	23.47	24.06	24.07	24.66	25.37	27.29	27.88	27.89	28.48	29.19