

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: P892680

Luminaire Tested: 2MB-3SL-RND-UNV-L850

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892680
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-3SL-RND-UNV-L850
Description: 3000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 5000K CCT
Light Source: -
Ballast/Driver: -

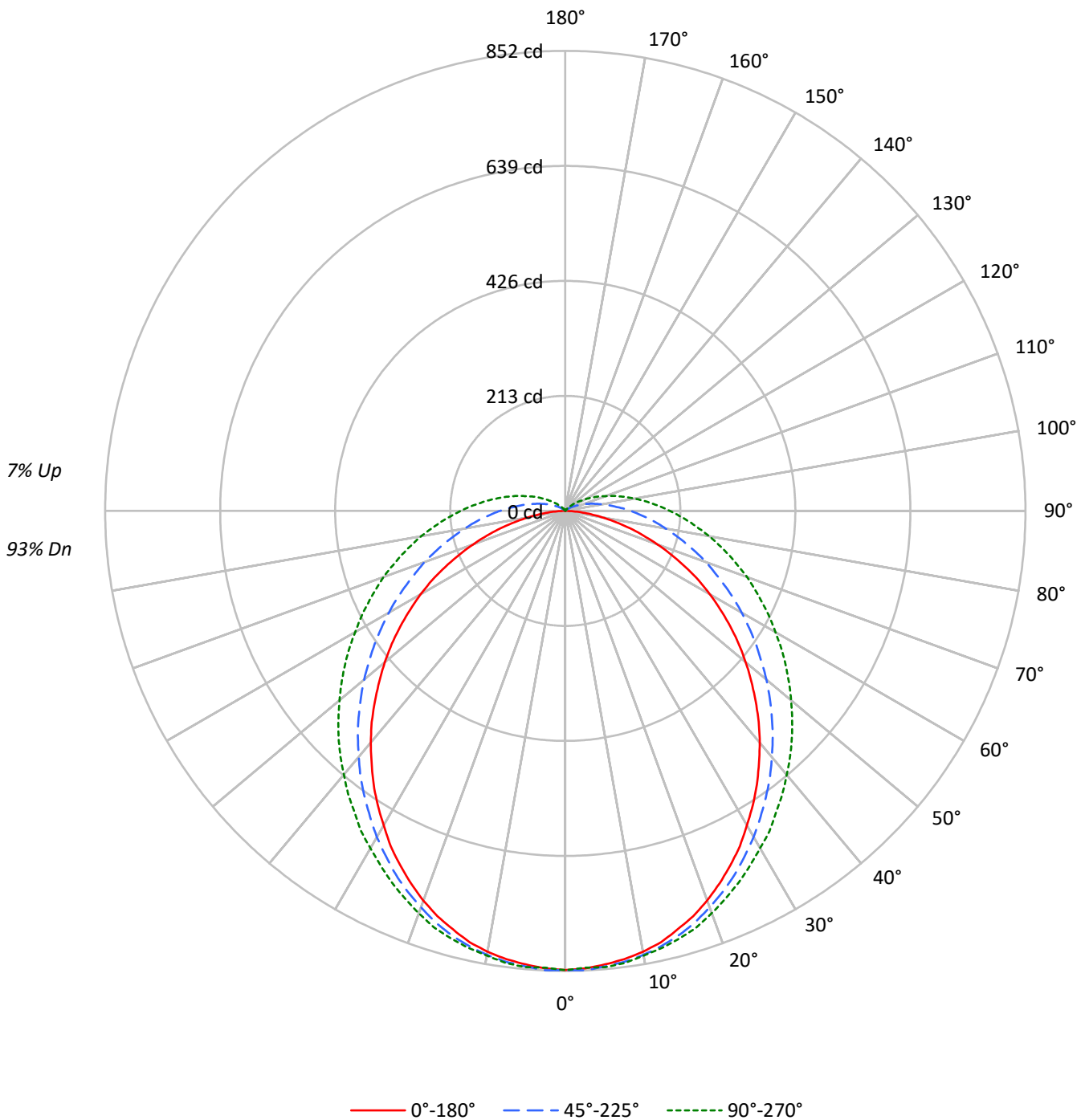
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2767.0 lumens
Efficiency: N/A
Efficacy: 131.8 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): 21
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.998
Total Harmonic Distortion (THDi): 8
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	12165	12165	12165
5°	12108	12160	12177
10°	12041	12128	12145
15°	11887	12047	12135
20°	11692	11891	12074
25°	11425	11726	11990
30°	11107	11522	11916
35°	10805	11306	11889
40°	10461	11108	11911
45°	10077	10947	12009
50°	9703	10818	12147
55°	9295	10755	12423
60°	8849	10798	12849
65°	8290	10998	13624
70°	7592	11590	14986
75°	6865	12740	17295
80°	5808	15545	22334
85°	4711	25097	37834

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 69331 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.3	2.9
10°-20°	228.8	8.3
20°-30°	341.2	12.3
30°-40°	404.9	14.6
40°-50°	418.4	15.1
50°-60°	386.2	14.0
60°-70°	320.6	11.6
70°-80°	237.5	8.6
80°-90°	156.6	5.7
90°-100°	95.2	3.4
100°-110°	53.8	1.9
110°-120°	26.8	1.0
120°-130°	11.2	0.4
130°-140°	3.6	0.1
140°-150°	1.0	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	650.4	23.5
0°-40°	1055.2	38.1
0°-60°	1859.8	67.2
0°-90°	2574.6	93.0
90°-120°	175.8	6.4
90°-150°	191.6	6.9
90°-180°	192.0	6.9
0°-180°	2767.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	850	850	850	850	850	
5°	843	855	847	844	848	80
15°	803	816	813	816	819	226
25°	724	736	743	750	760	333
35°	619	632	647	668	681	387
45°	498	514	541	573	594	385
55°	373	389	431	474	498	333
65°	245	270	325	377	402	243
75°	124	162	230	288	313	131
85°	29	81	153	207	230	32
90°	0	54	121	172	194	2
95°	0	32	92	140	160	0
105°	0	11	51	87	104	0
115°	0	2	24	49	61	0
125°	0	1	10	23	30	0
135°	1	0	2	8	11	1
145°	1	1	1	2	2	1
155°	1	1	1	0	0	1
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



TEST NUMBER: P892680

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4
2.5°	848.0	845.6	846.8	846.8	850.4	860.0	856.4	856.4	856.4	846.8	851.6
5°	843.2	840.9	842.0	843.2	845.6	855.2	851.6	852.8	851.6	842.0	846.8
7.5°	837.3	834.9	834.9	836.1	839.7	849.2	845.6	846.8	845.6	836.1	842.0
10°	828.9	826.5	827.7	828.9	831.3	842.0	838.5	838.5	838.5	830.1	834.9
12.5°	818.2	815.8	817.0	818.2	821.7	830.1	826.5	827.7	827.7	820.5	825.3
15°	802.6	800.2	802.6	803.8	807.4	815.8	813.4	814.6	814.6	807.4	813.4
17.5°	787.1	783.5	785.9	787.1	791.9	799.0	796.7	799.0	799.0	791.9	799.0
20°	768.0	764.4	766.8	769.2	772.8	779.9	777.6	779.9	779.9	774.0	781.1
22.5°	746.5	742.9	745.3	747.7	752.5	758.4	757.2	759.6	759.6	754.9	763.2
25°	723.8	720.2	723.8	725.0	729.8	735.7	735.7	736.9	738.1	734.6	742.9
27.5°	699.9	695.1	698.7	701.1	705.9	711.9	711.9	714.2	714.2	713.1	720.2
30°	672.4	668.9	673.6	674.8	679.6	685.6	686.8	689.2	689.2	688.0	697.5
32.5°	646.2	642.6	646.2	648.6	654.5	659.3	660.5	662.9	664.1	664.1	672.4
35°	618.7	615.1	618.7	621.1	627.1	631.8	633.0	635.4	636.6	639.0	647.4
37.5°	588.8	586.4	590.0	592.4	598.4	603.2	604.4	607.9	609.1	612.7	622.3
40°	560.2	556.6	560.2	562.6	569.7	573.3	575.7	579.3	581.7	585.3	594.8
42.5°	530.3	527.9	530.3	535.1	539.9	544.6	547.0	550.6	554.2	560.2	568.5
45°	498.1	498.1	500.5	505.2	510.0	513.6	517.2	522.0	525.5	531.5	541.1
47.5°	467.0	467.0	469.4	473.0	479.0	482.5	486.1	492.1	495.7	502.8	513.6
50°	436.0	434.8	438.3	443.1	449.1	452.7	456.3	462.2	467.0	475.4	486.1
52.5°	404.9	402.5	406.1	412.1	416.8	421.6	425.2	431.2	437.1	447.9	457.5
55°	372.7	371.5	375.0	379.8	385.8	389.4	394.2	401.3	408.5	419.2	431.2
57.5°	340.4	340.4	344.0	348.8	355.9	359.5	364.3	372.7	379.8	391.8	403.7
60°	309.3	308.2	311.7	318.9	324.9	329.7	334.4	344.0	352.3	365.5	377.4
62.5°	278.3	277.1	281.9	286.7	295.0	299.8	304.6	315.3	324.9	339.2	351.2
65°	244.9	246.0	249.6	254.4	264.0	269.9	275.9	287.8	298.6	311.7	324.9
67.5°	212.6	212.6	217.4	223.4	235.3	241.3	247.2	260.4	271.1	286.7	299.8
70°	181.5	182.7	188.7	194.7	206.6	212.6	219.8	234.1	246.0	261.6	277.1
72.5°	151.7	154.1	158.9	168.4	180.4	186.3	194.7	209.0	221.0	237.7	253.2
75°	124.2	125.4	131.4	142.1	155.3	162.4	169.6	185.1	199.5	215.0	230.5
77.5°	95.6	97.9	105.1	117.1	132.6	139.7	146.9	163.6	178.0	193.5	209.0
80°	70.5	72.9	82.4	94.4	111.1	118.2	126.6	143.3	157.7	173.2	188.7
82.5°	47.8	51.4	60.9	74.1	90.8	99.1	107.5	124.2	139.7	155.3	170.8
85°	28.7	32.2	43.0	57.3	74.1	81.2	89.6	107.5	121.8	137.4	152.9
87.5°	11.9	17.9	28.7	43.0	58.5	65.7	75.2	92.0	106.3	120.6	136.2
90°	0.0	7.2	17.9	31.1	46.6	53.7	60.9	77.6	92.0	106.3	120.6
92.5°	0.0	2.4	10.7	21.5	35.8	41.8	49.0	64.5	77.6	92.0	106.3
95°	0.0	1.2	6.0	15.5	26.3	32.2	39.4	53.7	65.7	80.0	92.0
97.5°	0.0	0.0	3.6	10.7	20.3	25.1	31.1	44.2	56.1	68.1	81.2
100°	0.0	0.0	2.4	7.2	14.3	19.1	23.9	35.8	46.6	58.5	69.3
102.5°	0.0	0.0	1.2	4.8	10.7	14.3	17.9	28.7	38.2	49.0	59.7
105°	0.0	0.0	1.2	2.4	7.2	10.7	14.3	22.7	31.1	40.6	51.4
107.5°	0.0	0.0	0.0	2.4	6.0	8.4	10.7	17.9	25.1	33.4	43.0
110°	0.0	0.0	0.0	1.2	3.6	6.0	8.4	14.3	20.3	27.5	35.8



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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	1.2	2.4	3.6	6.0	10.7	15.5	22.7	28.7
115°	0.0	0.0	0.0	0.0	1.2	2.4	3.6	8.4	11.9	17.9	23.9
117.5°	0.0	0.0	0.0	0.0	1.2	2.4	2.4	6.0	9.6	14.3	19.1
120°	0.0	0.0	0.0	0.0	1.2	1.2	2.4	4.8	7.2	10.7	15.5
122.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	2.4	4.8	8.4	11.9
125°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4	3.6	6.0	9.6
127.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	2.4	4.8	7.2
130°	1.2	0.0	0.0	0.0	1.2	0.0	1.2	1.2	2.4	3.6	4.8
132.5°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4	3.6
135°	1.2	1.2	0.0	0.0	1.2	0.0	0.0	1.2	1.2	1.2	2.4
137.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4
140°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
142.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
157.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
170°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
177.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4	850.4
2.5°	851.6	842.0	848.0	846.8	845.6	843.2	849.2	844.4	846.8	846.8
5°	848.0	838.5	845.6	845.6	844.4	842.0	848.0	843.2	846.8	848.0
7.5°	842.0	834.9	842.0	840.9	840.9	838.5	844.4	840.9	844.4	844.4
10°	834.9	827.7	834.9	833.7	833.7	831.3	836.1	832.5	836.1	836.1
12.5°	825.3	818.2	826.5	825.3	824.1	822.9	827.7	824.1	828.9	828.9
15°	813.4	808.6	817.0	815.8	815.8	813.4	819.4	815.8	820.5	819.4
17.5°	800.2	795.5	803.8	803.8	802.6	802.6	806.2	802.6	808.6	808.6
20°	782.3	777.6	787.1	787.1	785.9	785.9	789.5	785.9	793.1	793.1
22.5°	763.2	759.6	768.0	769.2	768.0	768.0	771.6	769.2	776.4	776.4
25°	742.9	741.7	750.1	751.3	750.1	751.3	754.9	752.5	759.6	759.6
27.5°	721.4	721.4	729.8	731.0	732.2	732.2	735.7	733.4	741.7	740.5
30°	698.7	698.7	708.3	710.7	710.7	711.9	715.4	713.1	721.4	721.4
32.5°	674.8	676.0	685.6	689.2	689.2	691.6	693.9	692.7	701.1	703.5
35°	650.9	652.1	662.9	666.5	667.7	668.9	672.4	672.4	679.6	680.8
37.5°	623.5	628.3	637.8	642.6	643.8	646.2	649.8	649.8	658.1	660.5
40°	597.2	603.2	613.9	618.7	619.9	622.3	627.1	627.1	635.4	637.8
42.5°	572.1	579.3	588.8	596.0	597.2	600.8	603.2	605.6	613.9	616.3
45°	544.6	553.0	563.8	570.9	573.3	576.9	579.3	582.9	590.0	593.6
47.5°	518.4	526.7	538.7	547.0	548.2	553.0	555.4	559.0	566.1	569.7
50°	490.9	501.6	513.6	523.1	524.3	527.9	531.5	535.1	542.3	545.8
52.5°	464.6	475.4	487.3	496.9	499.3	502.8	506.4	510.0	518.4	522.0
55°	438.3	449.1	461.0	471.8	474.2	477.8	481.3	486.1	494.5	498.1
57.5°	412.1	424.0	436.0	446.7	449.1	453.9	457.5	462.2	469.4	474.2
60°	387.0	398.9	412.1	422.8	424.0	431.2	433.6	438.3	445.5	449.1
62.5°	360.7	376.2	387.0	398.9	401.3	406.1	409.7	414.5	421.6	426.4
65°	335.6	351.2	361.9	373.8	377.4	382.2	385.8	390.6	397.7	402.5
67.5°	311.7	327.3	339.2	351.2	354.7	358.3	363.1	367.9	373.8	379.8
70°	289.0	305.8	316.5	328.5	332.0	336.8	341.6	345.2	352.3	358.3
72.5°	266.3	283.1	293.8	307.0	309.3	314.1	318.9	323.7	329.7	334.4
75°	243.7	260.4	272.3	284.3	287.8	292.6	297.4	302.2	308.2	312.9
77.5°	222.2	238.9	250.8	264.0	266.3	271.1	277.1	281.9	286.7	291.4
80°	201.9	218.6	230.5	242.5	246.0	250.8	255.6	261.6	266.3	271.1
82.5°	183.9	199.5	210.2	223.4	225.7	230.5	235.3	240.1	244.9	249.6
85°	166.0	181.5	192.3	204.2	206.6	211.4	216.2	221.0	226.9	230.5
87.5°	149.3	163.6	175.6	186.3	188.7	193.5	198.3	201.9	206.6	211.4
90°	133.8	148.1	158.9	169.6	172.0	176.8	180.4	185.1	189.9	193.5
92.5°	118.2	132.6	142.1	152.9	155.3	160.0	164.8	168.4	173.2	176.8
95°	105.1	118.2	127.8	138.5	139.7	144.5	149.3	152.9	157.7	160.0
97.5°	92.0	105.1	114.7	124.2	125.4	130.2	135.0	138.5	142.1	145.7
100°	80.0	92.0	101.5	109.9	112.3	115.9	120.6	124.2	127.8	130.2
102.5°	69.3	80.0	88.4	97.9	99.1	103.9	107.5	111.1	114.7	117.1
105°	59.7	70.5	77.6	86.0	87.2	92.0	95.6	99.1	102.7	103.9
107.5°	51.4	59.7	66.9	75.2	77.6	80.0	83.6	87.2	90.8	92.0
110°	43.0	51.4	58.5	64.5	66.9	70.5	72.9	76.4	78.8	80.0



TEST NUMBER: P892680

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	35.8	43.0	49.0	56.1	57.3	60.9	63.3	65.7	69.3	70.5
115°	29.9	37.0	41.8	47.8	49.0	51.4	54.9	57.3	59.7	60.9
117.5°	25.1	29.9	34.6	39.4	41.8	44.2	46.6	49.0	50.2	51.4
120°	20.3	25.1	28.7	33.4	34.6	37.0	39.4	40.6	43.0	44.2
122.5°	15.5	20.3	23.9	27.5	28.7	31.1	32.2	34.6	35.8	35.8
125°	11.9	15.5	19.1	21.5	22.7	25.1	26.3	28.7	29.9	29.9
127.5°	9.6	11.9	14.3	17.9	17.9	20.3	21.5	22.7	23.9	23.9
130°	7.2	9.6	11.9	13.1	14.3	15.5	16.7	17.9	19.1	19.1
132.5°	4.8	7.2	8.4	10.7	10.7	11.9	13.1	13.1	14.3	14.3
135°	3.6	4.8	6.0	7.2	8.4	8.4	9.6	10.7	10.7	10.7
137.5°	2.4	3.6	4.8	6.0	6.0	6.0	7.2	7.2	8.4	8.4
140°	1.2	2.4	2.4	3.6	3.6	4.8	4.8	4.8	6.0	6.0
142.5°	1.2	1.2	2.4	2.4	2.4	2.4	3.6	3.6	3.6	3.6
145°	1.2	1.2	1.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4	2.4
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	0.0	0.0	0.0	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0
165°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	1.2	0.0	0.0
167.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0
170°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	1.2	0.0
175°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
177.5°	1.2	1.2	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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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	18.76	20.30	19.23	20.75	21.23	20.53	22.07	21.00	22.52	23.00
	3H	20.39	21.79	20.87	22.25	22.78	23.11	24.51	23.59	24.98	25.50
	4H	20.97	22.30	21.47	22.78	23.32	24.41	25.74	24.91	26.22	26.76
	6H	21.37	22.61	21.88	23.10	23.66	25.80	27.04	26.32	27.54	28.09
	8H	21.49	22.67	22.01	23.19	23.75	26.54	27.73	27.07	28.25	28.81
	12H	21.56	22.70	22.10	23.21	23.80	27.38	28.52	27.92	29.03	29.62
4H	2H	19.73	21.06	20.24	21.54	22.08	21.08	22.40	21.58	22.89	23.42
	3H	21.67	22.80	22.18	23.33	23.89	23.95	25.09	24.47	25.61	26.17
	4H	22.43	23.47	22.97	24.01	24.60	25.46	26.50	26.00	27.04	27.63
	6H	23.00	23.92	23.55	24.48	25.09	27.09	28.01	27.65	28.57	29.18
	8H	23.18	24.04	23.74	24.60	25.22	27.96	28.82	28.52	29.38	30.00
	12H	23.30	24.09	23.88	24.68	25.30	28.95	29.73	29.53	30.32	30.95
8H	4H	23.33	24.19	23.89	24.75	25.37	25.82	26.68	26.38	27.24	27.86
	6H	24.20	24.93	24.79	25.54	26.16	27.70	28.43	28.29	29.04	29.66
	8H	24.55	25.21	25.15	25.82	26.46	28.77	29.43	29.37	30.05	30.68
	12H	24.81	25.41	25.42	26.01	26.71	30.01	30.61	30.62	31.21	31.91
12H	4H	23.61	24.39	24.19	24.98	25.61	25.85	26.64	26.44	27.23	27.85
	6H	24.65	25.31	25.25	25.93	26.57	27.80	28.47	28.41	29.08	29.72
	8H	25.16	25.76	25.77	26.36	27.06	28.98	29.58	29.59	30.18	30.88