

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: P892572

Luminaire Tested: 2MB-2SL-RND-UNV-L950

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892572
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-L950
Description: 2000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT
Light Source: -
Ballast/Driver: -

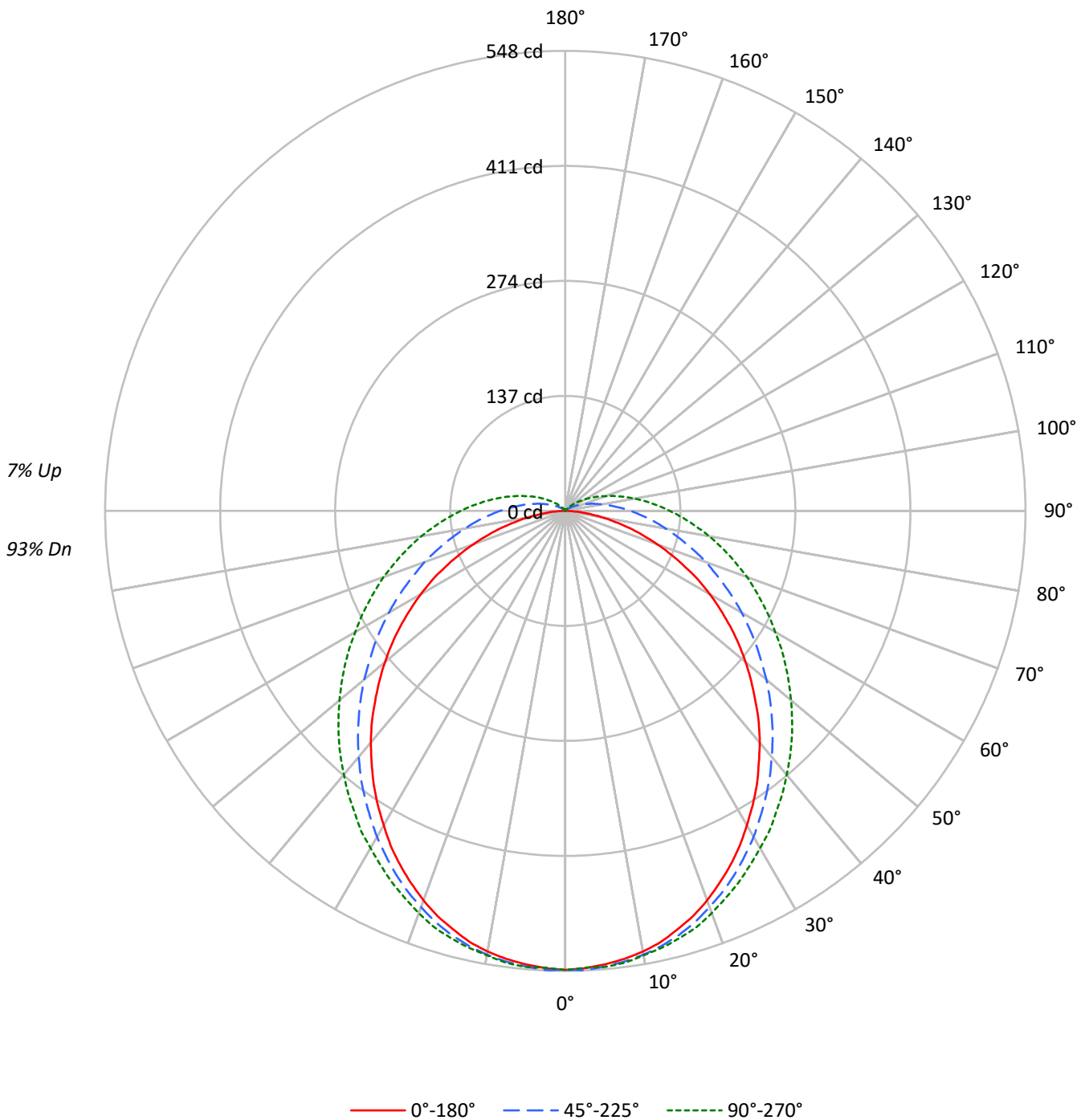
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1779.0 lumens
Efficiency: N/A
Efficacy: 119.4 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-L950

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°	7822	7822	7822
5°	7785	7819	7829
10°	7741	7798	7808
15°	7642	7746	7802
20°	7517	7645	7763
25°	7346	7539	7709
30°	7141	7409	7661
35°	6947	7268	7644
40°	6727	7141	7658
45°	6478	7038	7722
50°	6238	6955	7809
55°	5976	6914	7986
60°	5691	6944	8260
65°	5328	7071	8760
70°	4881	7453	9637
75°	4416	8191	11121
80°	3732	9993	14359
85°	3020	16135	24325

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 44570 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	2.9
10°-20°	147.1	8.3
20°-30°	219.4	12.3
30°-40°	260.3	14.6
40°-50°	269.0	15.1
50°-60°	248.3	14.0
60°-70°	206.1	11.6
70°-80°	152.7	8.6
80°-90°	100.7	5.7
90°-100°	61.2	3.4
100°-110°	34.6	1.9
110°-120°	17.2	1.0
120°-130°	7.2	0.4
130°-140°	2.3	0.1
140°-150°	0.7	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	418.1	23.5
0°-40°	678.5	38.1
0°-60°	1195.7	67.2
0°-90°	1655.3	93.0
90°-120°	113.1	6.4
90°-150°	123.2	6.9
90°-180°	124.0	7.0
0°-180°	1779.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	547	547	547	547	547	
5°	542	550	544	543	545	51
15°	516	524	523	524	527	146
25°	465	473	478	482	488	214
35°	398	406	416	429	438	249
45°	320	330	348	369	382	247
55°	240	250	277	305	320	214
65°	157	174	209	243	259	156
75°	80	104	148	185	201	84
85°	18	52	98	133	148	21
90°	0	35	78	111	124	1
95°	0	21	59	90	103	0
105°	0	7	33	56	67	0
115°	0	2	15	32	39	0
125°	0	1	6	15	19	0
135°	1	0	2	5	7	1
145°	1	1	1	2	2	1
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: P892572

CATALOG NUMBER: 2MB-2SL-RND-UNV-L950

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8
2.5°	545.2	543.7	544.5	544.5	546.8	552.9	550.6	550.6	550.6	544.5	547.5
5°	542.1	540.6	541.4	542.1	543.7	549.8	547.5	548.3	547.5	541.4	544.5
7.5°	538.3	536.8	536.8	537.5	539.8	546.0	543.7	544.5	543.7	537.5	541.4
10°	532.9	531.4	532.2	532.9	534.5	541.4	539.1	539.1	539.1	533.7	536.8
12.5°	526.0	524.5	525.3	526.0	528.3	533.7	531.4	532.2	532.2	527.6	530.6
15°	516.0	514.5	516.0	516.8	519.1	524.5	523.0	523.7	523.7	519.1	523.0
17.5°	506.1	503.8	505.3	506.1	509.1	513.7	512.2	513.7	513.7	509.1	513.7
20°	493.8	491.5	493.0	494.5	496.8	501.4	499.9	501.4	501.4	497.6	502.2
22.5°	479.9	477.6	479.2	480.7	483.8	487.6	486.9	488.4	488.4	485.3	490.7
25°	465.4	463.1	465.4	466.1	469.2	473.0	473.0	473.8	474.6	472.3	477.6
27.5°	450.0	446.9	449.2	450.8	453.8	457.7	457.7	459.2	459.2	458.4	463.1
30°	432.3	430.0	433.1	433.9	436.9	440.8	441.6	443.1	443.1	442.3	448.5
32.5°	415.4	413.1	415.4	417.0	420.8	423.9	424.7	426.2	427.0	427.0	432.3
35°	397.8	395.5	397.8	399.3	403.2	406.2	407.0	408.5	409.3	410.8	416.2
37.5°	378.6	377.0	379.4	380.9	384.7	387.8	388.6	390.9	391.6	393.9	400.1
40°	360.2	357.8	360.2	361.7	366.3	368.6	370.1	372.4	374.0	376.3	382.4
42.5°	341.0	339.4	341.0	344.0	347.1	350.2	351.7	354.0	356.3	360.2	365.5
45°	320.2	320.2	321.8	324.8	327.9	330.2	332.5	335.6	337.9	341.7	347.9
47.5°	300.3	300.3	301.8	304.1	307.9	310.2	312.5	316.4	318.7	323.3	330.2
50°	280.3	279.5	281.8	284.9	288.7	291.0	293.3	297.2	300.3	305.6	312.5
52.5°	260.3	258.8	261.1	264.9	268.0	271.1	273.4	277.2	281.1	288.0	294.1
55°	239.6	238.8	241.1	244.2	248.0	250.3	253.4	258.0	262.6	269.5	277.2
57.5°	218.9	218.9	221.2	224.2	228.8	231.1	234.2	239.6	244.2	251.9	259.6
60°	198.9	198.1	200.4	205.0	208.9	211.9	215.0	221.2	226.5	235.0	242.7
62.5°	178.9	178.2	181.2	184.3	189.7	192.7	195.8	202.7	208.9	218.1	225.8
65°	157.4	158.2	160.5	163.6	169.7	173.5	177.4	185.1	192.0	200.4	208.9
67.5°	136.7	136.7	139.8	143.6	151.3	155.1	159.0	167.4	174.3	184.3	192.7
70°	116.7	117.5	121.3	125.2	132.8	136.7	141.3	150.5	158.2	168.2	178.2
72.5°	97.5	99.1	102.1	108.3	116.0	119.8	125.2	134.4	142.1	152.8	162.8
75°	79.9	80.6	84.5	91.4	99.8	104.4	109.0	119.0	128.2	138.2	148.2
77.5°	61.4	63.0	67.6	75.3	85.2	89.8	94.5	105.2	114.4	124.4	134.4
80°	45.3	46.8	53.0	60.7	71.4	76.0	81.4	92.2	101.4	111.3	121.3
82.5°	30.7	33.0	39.2	47.6	58.4	63.7	69.1	79.9	89.8	99.8	109.8
85°	18.4	20.7	27.6	36.9	47.6	52.2	57.6	69.1	78.3	88.3	98.3
87.5°	7.7	11.5	18.4	27.6	37.6	42.2	48.4	59.1	68.3	77.6	87.5
90°	0.0	4.6	11.5	20.0	29.9	34.6	39.2	49.9	59.1	68.3	77.6
92.5°	0.0	1.5	6.9	13.8	23.0	26.9	31.5	41.5	49.9	59.1	68.3
95°	0.0	0.8	3.8	10.0	16.9	20.7	25.3	34.6	42.2	51.5	59.1
97.5°	0.0	0.0	2.3	6.9	13.1	16.1	20.0	28.4	36.1	43.8	52.2
100°	0.0	0.0	1.5	4.6	9.2	12.3	15.4	23.0	29.9	37.6	44.5
102.5°	0.0	0.0	0.8	3.1	6.9	9.2	11.5	18.4	24.6	31.5	38.4
105°	0.0	0.0	0.8	1.5	4.6	6.9	9.2	14.6	20.0	26.1	33.0
107.5°	0.0	0.0	0.0	1.5	3.8	5.4	6.9	11.5	16.1	21.5	27.6
110°	0.0	0.0	0.0	0.8	2.3	3.8	5.4	9.2	13.1	17.7	23.0



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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	0.8	1.5	2.3	3.8	6.9	10.0	14.6	18.4
115°	0.0	0.0	0.0	0.0	0.8	1.5	2.3	5.4	7.7	11.5	15.4
117.5°	0.0	0.0	0.0	0.0	0.8	1.5	1.5	3.8	6.1	9.2	12.3
120°	0.0	0.0	0.0	0.0	0.8	0.8	1.5	3.1	4.6	6.9	10.0
122.5°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	1.5	3.1	5.4	7.7
125°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5	2.3	3.8	6.1
127.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	1.5	3.1	4.6
130°	0.8	0.0	0.0	0.0	0.8	0.0	0.8	0.8	1.5	2.3	3.1
132.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5	2.3
135°	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.8	0.8	1.5
137.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5
140°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
142.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
145°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
147.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
157.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
177.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8	546.8
2.5°	547.5	541.4	545.2	544.5	543.7	542.1	546.0	542.9	544.5	544.5
5°	545.2	539.1	543.7	543.7	542.9	541.4	545.2	542.1	544.5	545.2
7.5°	541.4	536.8	541.4	540.6	540.6	539.1	542.9	540.6	542.9	542.9
10°	536.8	532.2	536.8	536.0	536.0	534.5	537.5	535.2	537.5	537.5
12.5°	530.6	526.0	531.4	530.6	529.9	529.1	532.2	529.9	532.9	532.9
15°	523.0	519.9	525.3	524.5	524.5	523.0	526.8	524.5	527.6	526.8
17.5°	514.5	511.4	516.8	516.8	516.0	516.0	518.3	516.0	519.9	519.9
20°	503.0	499.9	506.1	506.1	505.3	505.3	507.6	505.3	509.9	509.9
22.5°	490.7	488.4	493.8	494.5	493.8	493.8	496.1	494.5	499.1	499.1
25°	477.6	476.9	482.3	483.0	482.3	483.0	485.3	483.8	488.4	488.4
27.5°	463.8	463.8	469.2	470.0	470.7	470.7	473.0	471.5	476.9	476.1
30°	449.2	449.2	455.4	456.9	456.9	457.7	460.0	458.4	463.8	463.8
32.5°	433.9	434.6	440.8	443.1	443.1	444.6	446.2	445.4	450.8	452.3
35°	418.5	419.3	426.2	428.5	429.3	430.0	432.3	432.3	436.9	437.7
37.5°	400.9	403.9	410.1	413.1	413.9	415.4	417.7	417.7	423.1	424.7
40°	384.0	387.8	394.7	397.8	398.5	400.1	403.2	403.2	408.5	410.1
42.5°	367.8	372.4	378.6	383.2	384.0	386.3	387.8	389.3	394.7	396.2
45°	350.2	355.5	362.5	367.1	368.6	370.9	372.4	374.7	379.4	381.7
47.5°	333.3	338.7	346.3	351.7	352.5	355.5	357.1	359.4	364.0	366.3
50°	315.6	322.5	330.2	336.3	337.1	339.4	341.7	344.0	348.6	350.9
52.5°	298.7	305.6	313.3	319.5	321.0	323.3	325.6	327.9	333.3	335.6
55°	281.8	288.7	296.4	303.3	304.9	307.2	309.5	312.5	317.9	320.2
57.5°	264.9	272.6	280.3	287.2	288.7	291.8	294.1	297.2	301.8	304.9
60°	248.8	256.5	264.9	271.8	272.6	277.2	278.8	281.8	286.4	288.7
62.5°	231.9	241.9	248.8	256.5	258.0	261.1	263.4	266.5	271.1	274.1
65°	215.8	225.8	232.7	240.4	242.7	245.7	248.0	251.1	255.7	258.8
67.5°	200.4	210.4	218.1	225.8	228.1	230.4	233.4	236.5	240.4	244.2
70°	185.8	196.6	203.5	211.2	213.5	216.6	219.6	221.9	226.5	230.4
72.5°	171.2	182.0	188.9	197.4	198.9	202.0	205.0	208.1	211.9	215.0
75°	156.7	167.4	175.1	182.8	185.1	188.1	191.2	194.3	198.1	201.2
77.5°	142.8	153.6	161.3	169.7	171.2	174.3	178.2	181.2	184.3	187.4
80°	129.8	140.5	148.2	155.9	158.2	161.3	164.3	168.2	171.2	174.3
82.5°	118.3	128.2	135.2	143.6	145.1	148.2	151.3	154.4	157.4	160.5
85°	106.7	116.7	123.6	131.3	132.8	135.9	139.0	142.1	145.9	148.2
87.5°	96.0	105.2	112.9	119.8	121.3	124.4	127.5	129.8	132.8	135.9
90°	86.0	95.2	102.1	109.0	110.6	113.7	116.0	119.0	122.1	124.4
92.5°	76.0	85.2	91.4	98.3	99.8	102.9	106.0	108.3	111.3	113.7
95°	67.6	76.0	82.2	89.1	89.8	92.9	96.0	98.3	101.4	102.9
97.5°	59.1	67.6	73.7	79.9	80.6	83.7	86.8	89.1	91.4	93.7
100°	51.5	59.1	65.3	70.6	72.2	74.5	77.6	79.9	82.2	83.7
102.5°	44.5	51.5	56.8	63.0	63.7	66.8	69.1	71.4	73.7	75.3
105°	38.4	45.3	49.9	55.3	56.1	59.1	61.4	63.7	66.0	66.8
107.5°	33.0	38.4	43.0	48.4	49.9	51.5	53.8	56.1	58.4	59.1
110°	27.6	33.0	37.6	41.5	43.0	45.3	46.8	49.1	50.7	51.5



TEST NUMBER: P892572
 CATALOG NUMBER: 2MB-2SL-RND-UNV-L950

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	23.0	27.6	31.5	36.1	36.9	39.2	40.7	42.2	44.5	45.3
115°	19.2	23.8	26.9	30.7	31.5	33.0	35.3	36.9	38.4	39.2
117.5°	16.1	19.2	22.3	25.3	26.9	28.4	29.9	31.5	32.3	33.0
120°	13.1	16.1	18.4	21.5	22.3	23.8	25.3	26.1	27.6	28.4
122.5°	10.0	13.1	15.4	17.7	18.4	20.0	20.7	22.3	23.0	23.0
125°	7.7	10.0	12.3	13.8	14.6	16.1	16.9	18.4	19.2	19.2
127.5°	6.1	7.7	9.2	11.5	11.5	13.1	13.8	14.6	15.4	15.4
130°	4.6	6.1	7.7	8.4	9.2	10.0	10.8	11.5	12.3	12.3
132.5°	3.1	4.6	5.4	6.9	6.9	7.7	8.4	8.4	9.2	9.2
135°	2.3	3.1	3.8	4.6	5.4	5.4	6.1	6.9	6.9	6.9
137.5°	1.5	2.3	3.1	3.8	3.8	3.8	4.6	4.6	5.4	5.4
140°	0.8	1.5	1.5	2.3	2.3	3.1	3.1	3.1	3.8	3.8
142.5°	0.8	0.8	1.5	1.5	1.5	1.5	2.3	2.3	2.3	2.3
145°	0.8	0.8	0.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5
147.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5	1.5
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.0	0.0	0.0	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0
165°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.8	0.0
175°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
177.5°	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P892572
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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	17.23	18.76	17.69	19.22	19.70	19.00	20.53	19.47	20.99	21.47
	3H	18.85	20.25	19.33	20.72	21.24	21.58	22.98	22.06	23.44	23.97
	4H	19.44	20.76	19.94	21.25	21.78	22.88	24.20	23.38	24.69	25.22
	6H	19.83	21.07	20.35	21.57	22.12	24.27	25.51	24.78	26.00	26.56
	8H	19.95	21.14	20.48	21.66	22.22	25.01	26.19	25.53	26.71	27.27
	12H	20.03	21.16	20.56	21.68	22.27	25.85	26.98	26.38	27.50	28.09
4H	2H	18.20	19.53	18.70	20.01	20.55	19.54	20.87	20.04	21.35	21.89
	3H	20.13	21.27	20.65	21.79	22.35	22.42	23.55	22.93	24.08	24.64
	4H	20.90	21.93	21.43	22.47	23.06	23.93	24.97	24.46	25.50	26.10
	6H	21.46	22.38	22.02	22.94	23.55	25.56	26.47	26.11	27.04	27.64
	8H	21.64	22.51	22.20	23.07	23.69	26.42	27.28	26.98	27.85	28.47
	12H	21.77	22.55	22.35	23.14	23.77	27.41	28.20	27.99	28.79	29.41
8H	4H	21.79	22.66	22.35	23.22	23.84	24.28	25.14	24.84	25.71	26.33
	6H	22.66	23.40	23.26	24.00	24.63	26.17	26.90	26.76	27.50	28.13
	8H	23.01	23.67	23.62	24.29	24.93	27.23	27.90	27.84	28.51	29.15
	12H	23.28	23.87	23.88	24.47	25.18	28.48	29.07	29.09	29.68	30.38
12H	4H	22.07	22.86	22.66	23.45	24.07	24.32	25.10	24.90	25.69	26.32
	6H	23.11	23.78	23.72	24.39	25.03	26.27	26.93	26.87	27.55	28.18
	8H	23.63	24.22	24.24	24.82	25.53	27.45	28.04	28.06	28.64	29.35