

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: P892569

Luminaire Tested: 2MB-2SL-RND-UNV-L930

Issue Date: 11/11/2024

**Test Information**

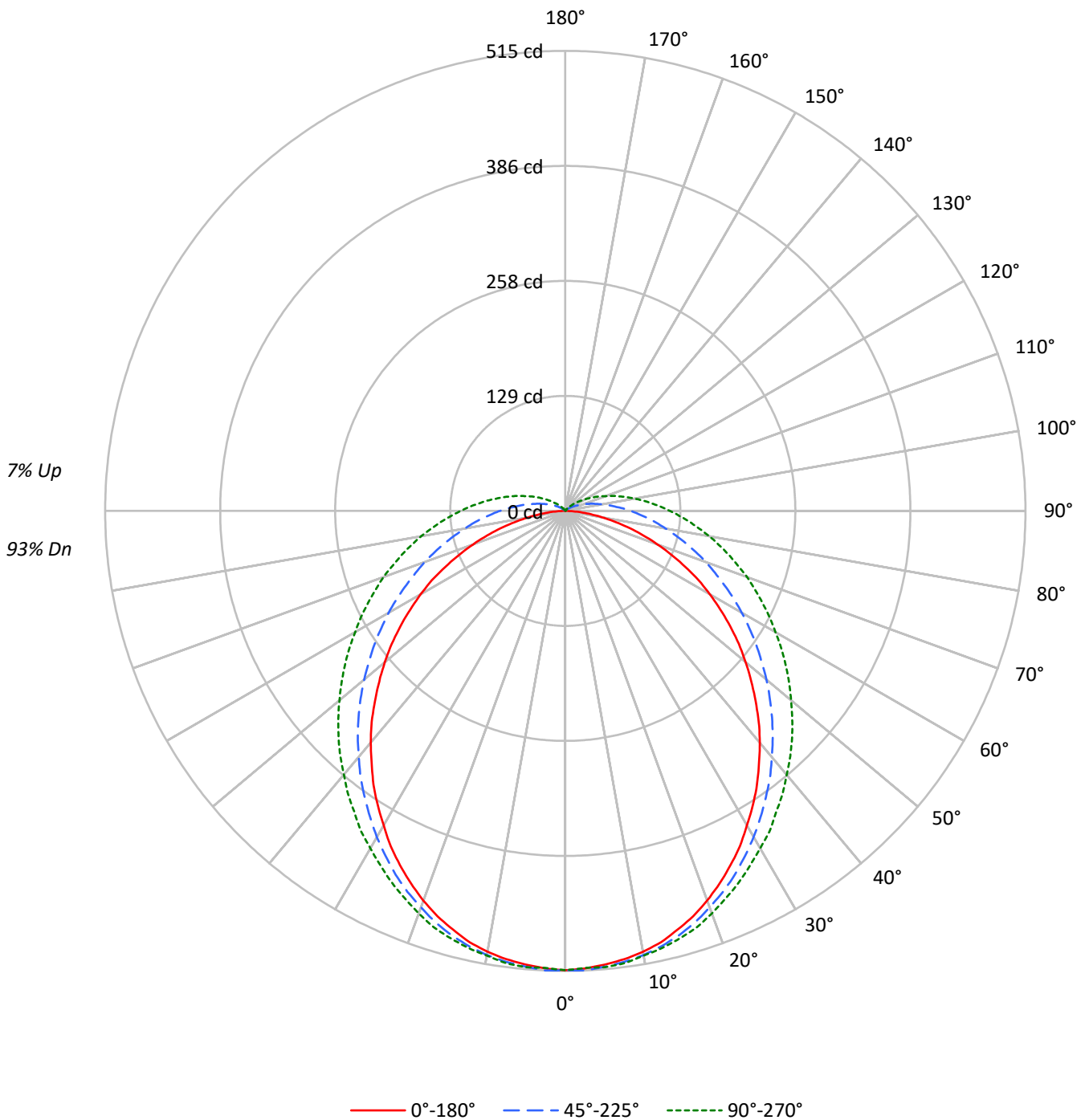
Test Method: LM-79-2019  
Report Number: P892569  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-2SL-RND-UNV-L930  
Description: 2000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 3000K CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1672.9 lumens  
Efficiency: N/A  
Efficacy: 112.3 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<sub>in</sub>): 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

TEST NUMBER: P892569  
CATALOG NUMBER: 2MB-2SL-RND-UNV-L930

### 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°	7356	7356	7356
5°	7321	7352	7362
10°	7281	7333	7343
15°	7187	7284	7337
20°	7068	7190	7300
25°	6907	7090	7250
30°	6716	6966	7205
35°	6533	6835	7188
40°	6325	6715	7201
45°	6092	6618	7261
50°	5867	6541	7344
55°	5619	6502	7510
60°	5350	6529	7768
65°	5010	6648	8239
70°	4593	7006	9060
75°	4151	7705	10457
80°	3509	9400	13502
85°	2840	15166	22881

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 41914 cd/sqm



TEST NUMBER: P892569  
 CATALOG NUMBER: 2MB-2SL-RND-UNV-L930

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.6	2.9
10°-20°	138.4	8.3
20°-30°	206.3	12.3
30°-40°	244.8	14.6
40°-50°	253.0	15.1
50°-60°	233.5	14.0
60°-70°	193.8	11.6
70°-80°	143.6	8.6
80°-90°	94.7	5.7
90°-100°	57.6	3.4
100°-110°	32.5	1.9
110°-120°	16.2	1.0
120°-130°	6.7	0.4
130°-140°	2.1	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°	393.2	23.5
0°-40°	638.0	38.1
0°-60°	1124.5	67.2
0°-90°	1556.6	93.0
90°-120°	106.3	6.4
90°-150°	115.8	6.9
90°-180°	116.0	6.9
0°-180°	1672.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	514	514	514	514	514	
5°	510	517	512	511	513	48
15°	485	493	492	493	495	137
25°	438	445	449	454	459	201
35°	374	382	391	404	412	234
45°	301	310	327	347	359	233
55°	225	235	261	287	301	201
65°	148	163	196	228	243	147
75°	75	98	139	174	189	79
85°	17	49	92	125	139	19
90°	0	32	73	104	117	1
95°	0	20	56	84	97	0
105°	0	6	31	53	63	0
115°	0	1	14	30	37	0
125°	0	1	6	14	18	0
135°	1	0	1	5	6	1
145°	1	1	1	1	1	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: P892569

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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2
2.5°	512.7	511.3	512.0	512.0	514.2	520.0	517.8	517.8	517.8	512.0	514.9
5°	509.8	508.4	509.1	509.8	511.3	517.1	514.9	515.6	514.9	509.1	512.0
7.5°	506.2	504.8	504.8	505.5	507.7	513.5	511.3	512.0	511.3	505.5	509.1
10°	501.2	499.7	500.5	501.2	502.6	509.1	507.0	507.0	507.0	501.9	504.8
12.5°	494.7	493.2	494.0	494.7	496.8	501.9	499.7	500.5	500.5	496.1	499.0
15°	485.3	483.8	485.3	486.0	488.2	493.2	491.8	492.5	492.5	488.2	491.8
17.5°	475.9	473.7	475.2	475.9	478.8	483.1	481.7	483.1	483.1	478.8	483.1
20°	464.3	462.2	463.6	465.1	467.2	471.6	470.1	471.6	471.6	468.0	472.3
22.5°	451.4	449.2	450.6	452.1	455.0	458.6	457.9	459.3	459.3	456.4	461.5
25°	437.6	435.5	437.6	438.4	441.2	444.9	444.9	445.6	446.3	444.1	449.2
27.5°	423.2	420.3	422.5	423.9	426.8	430.4	430.4	431.9	431.9	431.1	435.5
30°	406.6	404.4	407.3	408.0	410.9	414.5	415.2	416.7	416.7	416.0	421.7
32.5°	390.7	388.5	390.7	392.1	395.7	398.6	399.4	400.8	401.5	401.5	406.6
35°	374.1	371.9	374.1	375.5	379.1	382.0	382.7	384.2	384.9	386.4	391.4
37.5°	356.0	354.6	356.7	358.2	361.8	364.7	365.4	367.6	368.3	370.5	376.2
40°	338.7	336.5	338.7	340.1	344.5	346.6	348.1	350.2	351.7	353.9	359.6
42.5°	320.6	319.2	320.6	323.5	326.4	329.3	330.8	332.9	335.1	338.7	343.7
45°	301.1	301.1	302.6	305.5	308.4	310.5	312.7	315.6	317.8	321.4	327.1
47.5°	282.4	282.4	283.8	286.0	289.6	291.8	293.9	297.5	299.7	304.0	310.5
50°	263.6	262.9	265.0	267.9	271.5	273.7	275.9	279.5	282.4	287.4	293.9
52.5°	244.8	243.4	245.5	249.1	252.0	254.9	257.1	260.7	264.3	270.8	276.6
55°	225.3	224.6	226.8	229.6	233.3	235.4	238.3	242.6	247.0	253.5	260.7
57.5°	205.8	205.8	208.0	210.9	215.2	217.4	220.3	225.3	229.6	236.9	244.1
60°	187.0	186.3	188.5	192.8	196.4	199.3	202.2	208.0	213.0	221.0	228.2
62.5°	168.3	167.5	170.4	173.3	178.4	181.3	184.2	190.7	196.4	205.1	212.3
65°	148.0	148.8	150.9	153.8	159.6	163.2	166.8	174.0	180.5	188.5	196.4
67.5°	128.5	128.5	131.4	135.0	142.3	145.9	149.5	157.4	163.9	173.3	181.3
70°	109.8	110.5	114.1	117.7	124.9	128.5	132.9	141.5	148.8	158.2	167.5
72.5°	91.7	93.2	96.0	101.8	109.0	112.7	117.7	126.4	133.6	143.7	153.1
75°	75.1	75.8	79.4	85.9	93.9	98.2	102.5	111.9	120.6	130.0	139.4
77.5°	57.8	59.2	63.6	70.8	80.2	84.5	88.8	98.9	107.6	117.0	126.4
80°	42.6	44.1	49.8	57.1	67.2	71.5	76.5	86.7	95.3	104.7	114.1
82.5°	28.9	31.1	36.8	44.8	54.9	59.9	65.0	75.1	84.5	93.9	103.3
85°	17.3	19.5	26.0	34.7	44.8	49.1	54.2	65.0	73.7	83.0	92.4
87.5°	7.2	10.8	17.3	26.0	35.4	39.7	45.5	55.6	64.3	72.9	82.3
90°	0.0	4.3	10.8	18.8	28.2	32.5	36.8	46.9	55.6	64.3	72.9
92.5°	0.0	1.4	6.5	13.0	21.7	25.3	29.6	39.0	46.9	55.6	64.3
95°	0.0	0.7	3.6	9.4	15.9	19.5	23.8	32.5	39.7	48.4	55.6
97.5°	0.0	0.0	2.2	6.5	12.3	15.2	18.8	26.7	33.9	41.2	49.1
100°	0.0	0.0	1.4	4.3	8.7	11.6	14.4	21.7	28.2	35.4	41.9
102.5°	0.0	0.0	0.7	2.9	6.5	8.7	10.8	17.3	23.1	29.6	36.1
105°	0.0	0.0	0.7	1.4	4.3	6.5	8.7	13.7	18.8	24.6	31.1
107.5°	0.0	0.0	0.0	1.4	3.6	5.1	6.5	10.8	15.2	20.2	26.0
110°	0.0	0.0	0.0	0.7	2.2	3.6	5.1	8.7	12.3	16.6	21.7



TEST NUMBER: P892569

CATALOG NUMBER: 2MB-2SL-RND-UNV-L930

**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	1.4	2.2	3.6	6.5	9.4	13.7	17.3
115°	0.0	0.0	0.0	0.0	0.7	1.4	2.2	5.1	7.2	10.8	14.4
117.5°	0.0	0.0	0.0	0.0	0.7	1.4	1.4	3.6	5.8	8.7	11.6
120°	0.0	0.0	0.0	0.0	0.7	0.7	1.4	2.9	4.3	6.5	9.4
122.5°	0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.4	2.9	5.1	7.2
125°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4	2.2	3.6	5.8
127.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.4	2.9	4.3
130°	0.7	0.0	0.0	0.0	0.7	0.0	0.7	0.7	1.4	2.2	2.9
132.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4	2.2
135°	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.7	0.7	1.4
137.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4
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°	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2	514.2
2.5°	514.9	509.1	512.7	512.0	511.3	509.8	513.5	510.6	512.0	512.0
5°	512.7	507.0	511.3	511.3	510.6	509.1	512.7	509.8	512.0	512.7
7.5°	509.1	504.8	509.1	508.4	508.4	507.0	510.6	508.4	510.6	510.6
10°	504.8	500.5	504.8	504.1	504.1	502.6	505.5	503.3	505.5	505.5
12.5°	499.0	494.7	499.7	499.0	498.3	497.6	500.5	498.3	501.2	501.2
15°	491.8	488.9	494.0	493.2	493.2	491.8	495.4	493.2	496.1	495.4
17.5°	483.8	481.0	486.0	486.0	485.3	485.3	487.5	485.3	488.9	488.9
20°	473.0	470.1	475.9	475.9	475.2	475.2	477.3	475.2	479.5	479.5
22.5°	461.5	459.3	464.3	465.1	464.3	464.3	466.5	465.1	469.4	469.4
25°	449.2	448.5	453.5	454.2	453.5	454.2	456.4	455.0	459.3	459.3
27.5°	436.2	436.2	441.2	442.0	442.7	442.7	444.9	443.4	448.5	447.7
30°	422.5	422.5	428.2	429.7	429.7	430.4	432.6	431.1	436.2	436.2
32.5°	408.0	408.7	414.5	416.7	416.7	418.1	419.6	418.9	423.9	425.4
35°	393.6	394.3	400.8	403.0	403.7	404.4	406.6	406.6	410.9	411.6
37.5°	377.0	379.9	385.6	388.5	389.2	390.7	392.9	392.9	397.9	399.4
40°	361.1	364.7	371.2	374.1	374.8	376.2	379.1	379.1	384.2	385.6
42.5°	345.9	350.2	356.0	360.4	361.1	363.2	364.7	366.1	371.2	372.6
45°	329.3	334.4	340.9	345.2	346.6	348.8	350.2	352.4	356.7	358.9
47.5°	313.4	318.5	325.7	330.8	331.5	334.4	335.8	338.0	342.3	344.5
50°	296.8	303.3	310.5	316.3	317.0	319.2	321.4	323.5	327.9	330.0
52.5°	280.9	287.4	294.6	300.4	301.9	304.0	306.2	308.4	313.4	315.6
55°	265.0	271.5	278.8	285.3	286.7	288.9	291.0	293.9	299.0	301.1
57.5°	249.1	256.4	263.6	270.1	271.5	274.4	276.6	279.5	283.8	286.7
60°	234.0	241.2	249.1	255.6	256.4	260.7	262.1	265.0	269.4	271.5
62.5°	218.1	227.5	234.0	241.2	242.6	245.5	247.7	250.6	254.9	257.8
65°	202.9	212.3	218.8	226.0	228.2	231.1	233.3	236.1	240.5	243.4
67.5°	188.5	197.9	205.1	212.3	214.5	216.6	219.5	222.4	226.0	229.6
70°	174.8	184.9	191.4	198.6	200.8	203.6	206.5	208.7	213.0	216.6
72.5°	161.0	171.2	177.7	185.6	187.0	189.9	192.8	195.7	199.3	202.2
75°	147.3	157.4	164.7	171.9	174.0	176.9	179.8	182.7	186.3	189.2
77.5°	134.3	144.4	151.7	159.6	161.0	163.9	167.5	170.4	173.3	176.2
80°	122.0	132.2	139.4	146.6	148.8	151.7	154.5	158.2	161.0	163.9
82.5°	111.2	120.6	127.1	135.0	136.5	139.4	142.3	145.2	148.0	150.9
85°	100.4	109.8	116.3	123.5	124.9	127.8	130.7	133.6	137.2	139.4
87.5°	90.3	98.9	106.2	112.7	114.1	117.0	119.9	122.0	124.9	127.8
90°	80.9	89.5	96.0	102.5	104.0	106.9	109.0	111.9	114.8	117.0
92.5°	71.5	80.2	85.9	92.4	93.9	96.8	99.7	101.8	104.7	106.9
95°	63.6	71.5	77.3	83.8	84.5	87.4	90.3	92.4	95.3	96.8
97.5°	55.6	63.6	69.3	75.1	75.8	78.7	81.6	83.8	85.9	88.1
100°	48.4	55.6	61.4	66.4	67.9	70.0	72.9	75.1	77.3	78.7
102.5°	41.9	48.4	53.4	59.2	59.9	62.8	65.0	67.2	69.3	70.8
105°	36.1	42.6	46.9	52.0	52.7	55.6	57.8	59.9	62.1	62.8
107.5°	31.1	36.1	40.4	45.5	46.9	48.4	50.6	52.7	54.9	55.6
110°	26.0	31.1	35.4	39.0	40.4	42.6	44.1	46.2	47.7	48.4





TEST NUMBER: P892569

CATALOG NUMBER: 2MB-2SL-RND-UNV-L930

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	21.7	26.0	29.6	33.9	34.7	36.8	38.3	39.7	41.9	42.6
115°	18.1	22.4	25.3	28.9	29.6	31.1	33.2	34.7	36.1	36.8
117.5°	15.2	18.1	20.9	23.8	25.3	26.7	28.2	29.6	30.3	31.1
120°	12.3	15.2	17.3	20.2	20.9	22.4	23.8	24.6	26.0	26.7
122.5°	9.4	12.3	14.4	16.6	17.3	18.8	19.5	20.9	21.7	21.7
125°	7.2	9.4	11.6	13.0	13.7	15.2	15.9	17.3	18.1	18.1
127.5°	5.8	7.2	8.7	10.8	10.8	12.3	13.0	13.7	14.4	14.4
130°	4.3	5.8	7.2	7.9	8.7	9.4	10.1	10.8	11.6	11.6
132.5°	2.9	4.3	5.1	6.5	6.5	7.2	7.9	7.9	8.7	8.7
135°	2.2	2.9	3.6	4.3	5.1	5.1	5.8	6.5	6.5	6.5
137.5°	1.4	2.2	2.9	3.6	3.6	3.6	4.3	4.3	5.1	5.1
140°	0.7	1.4	1.4	2.2	2.2	2.9	2.9	2.9	3.6	3.6
142.5°	0.7	0.7	1.4	1.4	1.4	1.4	2.2	2.2	2.2	2.2
145°	0.7	0.7	0.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.4	1.4
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



TEST NUMBER: P892569  
 CATALOG NUMBER: 2MB-2SL-RND-UNV-L930

**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	17.01	18.55	17.48	19.00	19.49	18.78	20.32	19.25	20.77	21.26
	3H	18.64	20.04	19.12	20.50	21.03	21.36	22.76	21.85	23.23	23.75
	4H	19.22	20.55	19.72	21.03	21.57	22.66	23.99	23.16	24.47	25.01
	6H	19.62	20.86	20.14	21.35	21.91	24.06	25.29	24.57	25.79	26.34
	8H	19.74	20.92	20.27	21.44	22.00	24.79	25.98	25.32	26.50	27.06
	12H	19.81	20.95	20.35	21.47	22.06	25.63	26.77	26.17	27.28	27.87
4H	2H	17.99	19.31	18.49	19.80	20.33	19.33	20.65	19.83	21.14	21.67
	3H	19.92	21.05	20.43	21.58	22.14	22.21	23.34	22.72	23.86	24.43
	4H	20.68	21.72	21.22	22.26	22.85	23.72	24.75	24.25	25.29	25.88
	6H	21.25	22.17	21.81	22.73	23.34	25.34	26.26	25.90	26.82	27.43
	8H	21.43	22.29	21.99	22.86	23.48	26.21	27.07	26.77	27.63	28.25
	12H	21.55	22.34	22.13	22.93	23.55	27.20	27.98	27.78	28.57	29.20
8H	4H	21.58	22.44	22.14	23.00	23.62	24.07	24.93	24.63	25.49	26.11
	6H	22.45	23.18	23.04	23.79	24.41	25.95	26.69	26.54	27.29	27.92
	8H	22.80	23.46	23.40	24.08	24.71	27.02	27.68	27.62	28.30	28.94
	12H	23.07	23.66	23.67	24.26	24.97	28.27	28.86	28.87	29.46	30.17
12H	4H	21.86	22.65	22.44	23.24	23.86	24.11	24.89	24.69	25.48	26.11
	6H	22.90	23.57	23.51	24.18	24.82	26.05	26.72	26.66	27.33	27.97
	8H	23.42	24.01	24.02	24.61	25.32	27.24	27.83	27.84	28.43	29.14