

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: P893287

Luminaire Tested: 4MB-2SL-FLT-UNV-L940

Issue Date: 11/11/2024

**Test Information**

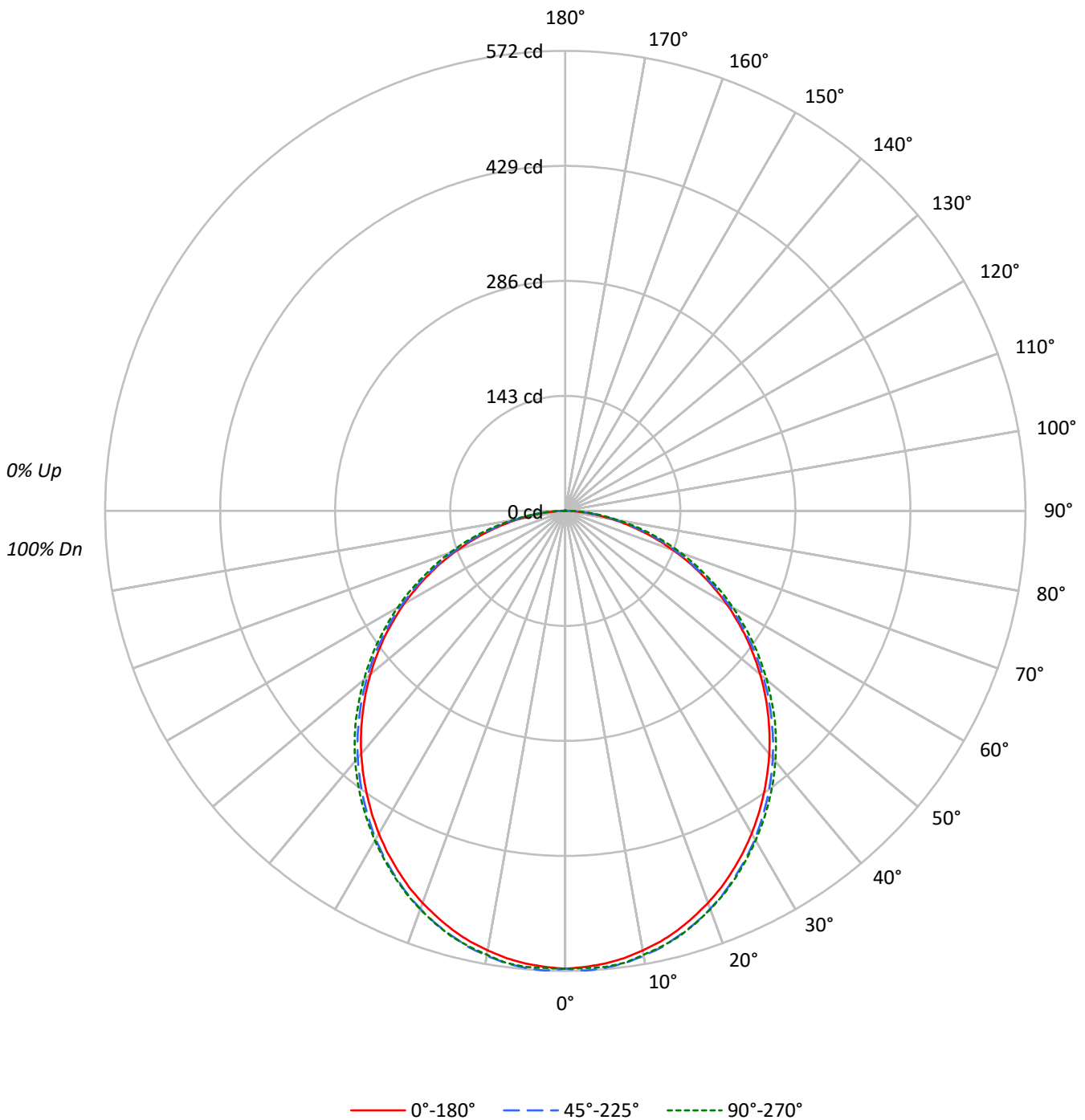
Test Method: LM-79-2019  
Report Number: P893287  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-2SL-FLT-UNV-L940  
Description: 2000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 4000K CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1580.0 lumens  
Efficiency: N/A  
Efficacy: 114.5 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34  
Luminous Opening: Rectangular (W 0.38' x L: 3.98' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.8  
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

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CATALOG NUMBER: 4MB-2SL-FLT-UNV-L940

### 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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83	83	83	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	69	69	69	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58	58	58	58
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50	50	50	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43	43	43	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38	38	38	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	33	33	33	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	30	30	30	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27	27	27	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	24	24	24	24

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	4050	4050	4050
5°	4035	4074	4065
10°	4010	4058	4049
15°	3975	4027	4033
20°	3928	3988	3991
25°	3870	3932	3942
30°	3806	3872	3888
35°	3735	3800	3833
40°	3665	3727	3774
45°	3585	3643	3706
50°	3501	3556	3621
55°	3406	3458	3530
60°	3297	3350	3427
65°	3150	3212	3296
70°	2964	3052	3189
75°	2727	2840	3024
80°	2409	2594	2733
85°	2074	2384	2555

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 3706 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	53.8	3.4
10°-20°	153.4	9.7
20°-30°	229.9	14.6
30°-40°	273.5	17.3
40°-50°	280.7	17.8
50°-60°	251.5	15.9
60°-70°	191.1	12.1
70°-80°	111.1	7.0
80°-90°	33.3	2.1
90°-100°	0.8	0.0
100°-110°	0.1	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.2	0.0
140°-150°	0.2	0.0
150°-160°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.1	0.0
<b>0°-30°</b>	<b>437.1</b>	<b>27.7</b>
<b>0°-40°</b>	<b>710.7</b>	<b>45.0</b>
<b>0°-60°</b>	<b>1242.8</b>	<b>78.7</b>
<b>0°-90°</b>	<b>1578.2</b>	<b>99.9</b>
90°-120°	0.9	0.1
90°-150°	1.4	0.1
<b>90°-180°</b>	<b>2.0</b>	<b>0.1</b>
<b>0°-180°</b>	<b>1580.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	569	569	569	569	569	
5°	565	575	570	568	569	54
15°	540	550	547	546	548	152
25°	493	504	501	500	502	227
35°	430	440	438	439	441	269
45°	356	365	362	365	368	275
55°	275	281	279	282	285	245
65°	187	192	191	194	196	185
75°	99	103	103	107	110	105
85°	25	28	29	31	31	28
90°	0	2	2	3	2	2
95°	0	0	0	1	1	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	1	1	1	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P893287  
 CATALOG NUMBER: 4MB-2SL-FLT-UNV-L940

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2
2.5°	567.5	566.7	567.5	567.1	571.3	576.3	575.4	571.7	567.5	568.8	572.1
5°	565.0	564.6	565.8	565.0	569.2	574.6	572.9	569.6	565.8	567.1	570.4
7.5°	560.8	560.8	562.5	561.7	565.4	570.8	569.2	566.3	562.5	563.8	567.1
10°	555.0	555.4	557.5	556.3	559.6	565.4	563.8	560.8	557.5	558.3	561.7
12.5°	548.3	548.3	550.8	549.6	552.9	558.3	556.3	554.2	550.8	551.7	555.4
15°	539.6	540.0	542.9	541.7	544.6	550.0	547.9	546.3	543.3	543.8	546.7
17.5°	529.6	530.8	533.8	532.5	535.4	540.8	538.3	536.7	534.2	534.6	537.5
20°	518.8	520.0	522.9	522.1	524.2	529.6	527.1	526.3	523.8	524.2	526.7
22.5°	506.7	507.9	511.3	510.4	512.5	517.9	515.0	514.6	512.1	512.5	514.6
25°	492.9	494.6	498.3	497.5	499.2	504.2	501.7	500.8	499.2	499.2	500.8
27.5°	478.8	480.4	484.6	483.3	484.6	490.0	487.1	486.7	485.0	485.0	486.7
30°	463.3	465.0	469.6	468.3	469.6	474.2	471.3	471.7	470.0	470.0	471.3
32.5°	447.1	448.3	453.3	452.5	453.3	457.9	455.0	455.4	453.8	454.2	454.6
35°	430.0	431.3	436.7	435.8	436.3	440.4	438.3	438.3	437.1	436.7	437.5
37.5°	412.5	413.8	420.4	418.3	418.3	422.5	420.8	420.8	419.6	419.2	419.6
40°	394.6	395.4	402.5	400.4	400.0	403.8	402.5	402.5	401.7	400.8	401.3
42.5°	375.8	377.1	384.2	382.5	380.8	385.0	383.8	384.2	382.9	382.1	382.1
45°	356.3	357.5	364.6	363.8	361.3	365.0	363.8	364.6	362.9	362.1	362.1
47.5°	336.7	338.3	345.0	343.8	341.3	345.0	343.8	344.6	342.9	342.1	342.1
50°	316.3	317.9	325.0	322.9	320.4	324.2	323.3	323.8	322.5	321.7	321.3
52.5°	295.4	297.5	304.2	301.7	299.6	302.9	302.5	302.9	301.3	300.8	300.4
55°	274.6	276.7	282.9	280.0	278.3	281.3	280.4	281.3	279.6	279.2	278.8
57.5°	252.9	255.0	260.8	257.9	256.7	259.2	258.8	259.2	257.9	257.5	257.1
60°	231.7	233.3	238.8	235.8	234.6	237.1	236.3	237.5	235.8	235.8	235.4
62.5°	209.2	211.3	216.7	213.3	212.5	214.6	213.8	215.0	214.2	213.3	212.9
65°	187.1	188.3	193.3	190.4	189.2	191.7	191.3	192.1	190.8	191.3	190.8
67.5°	165.0	165.8	170.8	167.5	166.7	169.2	169.6	169.2	168.3	168.8	168.3
70°	142.5	143.3	147.5	144.6	144.2	146.3	147.1	146.7	145.8	146.3	146.7
72.5°	120.8	121.3	125.0	122.5	122.1	124.6	124.6	124.6	124.6	124.6	125.4
75°	99.2	99.6	102.9	100.8	100.4	102.9	102.9	102.9	102.9	103.8	103.3
77.5°	78.3	77.9	81.3	80.0	79.2	81.7	81.7	82.1	82.9	83.8	82.5
80°	58.8	58.3	60.8	59.2	59.2	61.7	61.3	61.7	62.5	62.9	63.3
82.5°	41.3	40.4	42.5	42.1	41.7	43.8	44.2	43.8	45.0	45.4	45.4
85°	25.4	25.4	26.7	25.8	25.8	27.5	27.5	27.9	28.8	29.2	29.2
87.5°	12.1	11.7	12.9	12.5	12.1	13.3	13.3	13.8	14.2	14.6	14.2
90°	0.4	0.4	0.8	0.8	0.8	1.7	1.7	1.7	2.1	2.1	1.7
92.5°	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8
95°	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4



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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.4
132.5°	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
135°	0.0	0.4	0.4	0.4	0.4	0.0	0.4	0.0	0.0	0.0	0.4
137.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
145°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
147.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2	569.2
2.5°	567.1	564.2	562.9	563.8	569.6	563.8	570.0	572.1	564.6	568.8
5°	565.4	562.5	560.8	561.7	567.5	562.1	568.8	571.3	565.0	569.2
7.5°	562.1	558.8	557.9	559.2	564.2	559.6	566.3	568.8	562.5	566.7
10°	557.1	554.2	553.3	554.6	559.2	554.6	560.4	562.5	556.7	560.4
12.5°	550.8	547.9	547.1	548.8	552.9	548.8	554.6	556.7	550.8	554.6
15°	542.9	540.0	539.6	542.1	545.8	542.1	547.9	549.6	543.8	547.5
17.5°	533.3	530.4	530.8	533.8	536.7	533.3	538.8	540.4	535.0	537.9
20°	522.9	519.6	520.4	522.9	525.4	522.1	527.5	529.2	524.2	527.1
22.5°	510.8	507.5	508.3	511.3	512.9	510.0	515.0	516.7	512.5	515.4
25°	497.5	494.6	495.8	498.8	500.0	497.5	502.1	503.3	499.6	502.1
27.5°	484.2	480.8	482.5	485.4	486.3	483.8	488.3	489.2	485.4	487.9
30°	469.2	465.8	467.9	471.3	471.3	469.6	473.3	474.2	471.3	473.3
32.5°	452.5	450.0	452.5	455.4	455.0	453.8	457.5	458.3	455.8	457.5
35°	435.8	433.8	436.3	439.2	438.8	437.5	441.3	441.7	439.6	441.3
37.5°	418.8	417.1	419.6	422.1	421.3	420.4	423.8	423.8	422.5	424.2
40°	401.3	399.6	401.7	404.6	402.9	402.9	405.0	405.8	404.6	406.3
42.5°	382.9	381.3	383.8	386.3	384.6	384.2	386.7	387.1	386.3	387.5
45°	363.8	362.1	364.6	366.7	365.0	365.0	367.1	367.1	366.7	368.3
47.5°	344.2	342.9	345.0	347.1	345.4	346.7	346.7	346.7	347.5	347.1
50°	324.2	322.9	324.6	327.1	325.0	325.4	326.3	326.3	326.7	327.1
52.5°	303.3	301.7	303.3	306.3	303.3	304.6	305.0	305.4	306.7	305.8
55°	282.5	280.8	282.5	285.0	282.1	283.8	283.8	284.2	285.4	284.6
57.5°	260.8	259.2	261.7	263.3	260.4	262.1	262.1	262.9	263.8	262.5
60°	239.2	237.9	238.8	241.7	238.8	240.4	240.4	240.4	242.1	240.8
62.5°	217.1	216.3	217.1	219.6	216.7	218.3	217.9	218.3	220.0	219.6
65°	194.6	193.8	194.6	197.1	194.2	195.8	195.8	196.3	197.5	195.8
67.5°	172.5	171.3	172.5	174.6	172.1	173.3	173.3	173.3	175.4	174.6
70°	150.0	149.2	150.0	152.1	150.0	150.8	150.8	150.8	152.9	153.3
72.5°	127.9	127.9	128.8	130.4	128.8	130.4	129.2	128.3	131.3	131.7
75°	106.3	106.7	107.1	108.8	107.1	108.8	107.9	107.1	109.6	110.0
77.5°	86.3	86.3	86.7	87.9	86.7	87.9	87.1	87.1	88.8	88.3
80°	65.8	65.8	66.3	67.5	66.3	67.5	66.7	66.7	68.3	66.7
82.5°	47.9	47.9	47.9	49.2	48.3	49.2	48.8	47.9	50.0	48.3
85°	30.8	31.3	31.3	31.7	31.3	31.7	31.7	31.3	32.5	31.3
87.5°	15.8	15.8	15.8	16.3	15.8	15.8	16.3	15.8	16.7	16.3
90°	2.9	2.5	2.5	3.3	2.9	2.9	3.3	2.5	2.9	2.5
92.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	1.7
95°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3
97.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8
100°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
105°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.4	0.4
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4





TEST NUMBER: P893287  
 CATALOG NUMBER: 4MB-2SL-FLT-UNV-L940

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.4	0.4	0.4	0.4	0.0	0.4	0.0	0.0	0.0	0.0
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0
145°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
147.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
180°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P893287  
 CATALOG NUMBER: 4MB-2SL-FLT-UNV-L940

**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	16.37	18.00	16.73	18.32	18.64	16.50	18.14	16.87	18.46	18.77
	3H	18.19	19.67	18.57	20.00	20.36	18.33	19.82	18.71	20.14	20.51
	4H	18.85	20.25	19.25	20.60	20.97	19.04	20.44	19.44	20.79	21.17
	6H	19.30	20.60	19.72	20.96	21.36	19.60	20.89	20.01	21.26	21.65
	8H	19.44	20.68	19.87	21.07	21.47	19.79	21.03	20.22	21.42	21.82
	12H	19.54	20.72	19.97	21.11	21.54	19.94	21.12	20.37	21.51	21.94
4H	2H	17.00	18.40	17.40	18.75	19.12	17.11	18.50	17.51	18.85	19.23
	3H	19.04	20.21	19.45	20.61	21.01	19.18	20.35	19.59	20.75	21.15
	4H	19.83	20.90	20.27	21.31	21.75	20.02	21.08	20.45	21.50	21.93
	6H	20.41	21.34	20.87	21.78	22.24	20.71	21.64	21.17	22.08	22.54
	8H	20.60	21.47	21.06	21.91	22.38	20.96	21.83	21.42	22.27	22.74
	12H	20.74	21.52	21.22	22.00	22.47	21.15	21.93	21.63	22.41	22.88
8H	4H	20.16	21.03	20.62	21.48	21.94	20.33	21.20	20.79	21.64	22.11
	6H	20.87	21.59	21.36	22.08	22.56	21.16	21.88	21.65	22.37	22.85
	8H	21.13	21.78	21.64	22.29	22.78	21.49	22.14	22.00	22.64	23.13
	12H	21.35	21.92	21.85	22.41	22.98	21.77	22.34	22.28	22.84	23.40
12H	4H	20.21	20.99	20.69	21.47	21.94	20.36	21.14	20.84	21.62	22.09
	6H	20.94	21.59	21.45	22.10	22.58	21.21	21.86	21.72	22.37	22.86
	8H	21.26	21.84	21.77	22.33	22.89	21.61	22.18	22.11	22.67	23.24