

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: P893294

Luminaire Tested: 4MB-2SL-FLTU-UNV-L935

Issue Date: 11/11/2024

**Test Information**

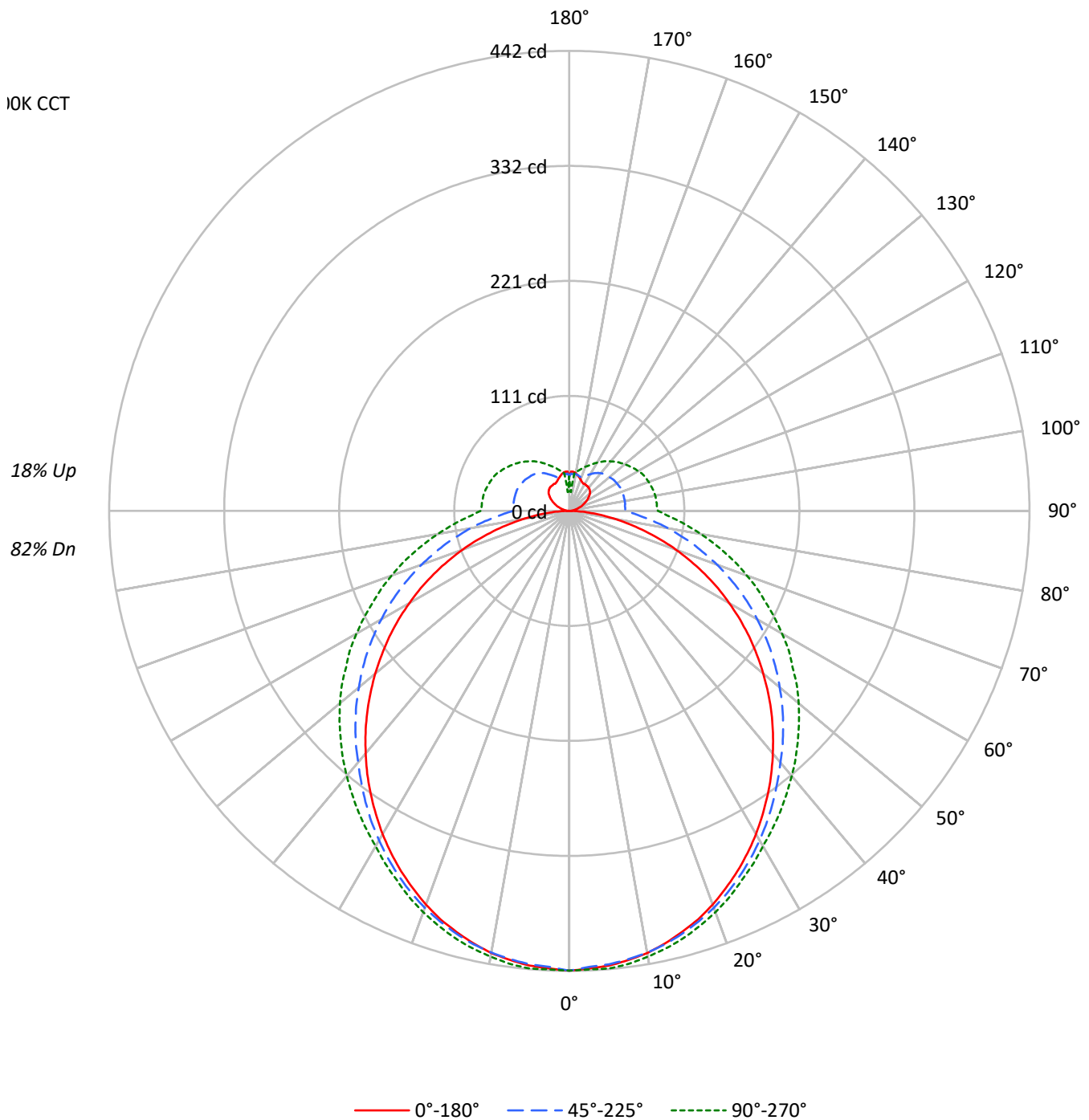
Test Method: LM-79-2019  
Report Number: P893294  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-2SL-FLTU-UNV-L935  
Description: 2000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 350  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1670.0 lumens  
Efficiency: N/A  
Efficacy: 121.0 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.26 / 1.37  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')  
CIE Type: Semi-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

TEST NUMBER: P893294  
CATALOG NUMBER: 4MB-2SL-FLTU-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
RCR																				
0	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	86	82
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	69	66
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	57	54
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	48	45
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	41	38
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	35	32
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	31	28
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	27	25
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	24	22
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	20	18

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

	0°	45°	90°
0°	3143	3143	3143
5°	3118	3011	3008
10°	3088	2896	2865
15°	3041	2780	2728
20°	2991	2661	2590
25°	2927	2538	2449
30°	2860	2412	2322
35°	2785	2285	2216
40°	2706	2161	2115
45°	2627	2052	2019
50°	2535	1939	1926
55°	2435	1829	1822
60°	2316	1711	1723
65°	2174	1585	1612
70°	1988	1449	1507
75°	1734	1308	1395
80°	1403	1159	1280
85°	970	1007	1175

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2627 cd/sqm



TEST NUMBER: P893294

CATALOG NUMBER: 4MB-2SL-FLTU-UNV-L935

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.8	2.5
10°-20°	119.1	7.1
20°-30°	179.0	10.7
30°-40°	214.9	12.9
40°-50°	226.0	13.5
50°-60°	212.4	12.7
60°-70°	176.6	10.6
70°-80°	126.0	7.5
80°-90°	75.0	4.5
90°-100°	54.3	3.3
100°-110°	53.6	3.2
110°-120°	50.3	3.0
120°-130°	44.6	2.7
130°-140°	36.9	2.2
140°-150°	27.7	1.7
150°-160°	18.2	1.1
160°-170°	10.3	0.6
170°-180°	3.3	0.2
0°-30°	339.9	20.4
0°-40°	554.9	33.2
0°-60°	993.2	59.5
0°-90°	1370.8	82.1
90°-120°	158.2	9.5
90°-150°	267.4	16.0
90°-180°	299.0	17.9
0°-180°	1670.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	442	442	442	442	442	
5°	438	444	437	438	441	42
15°	419	425	420	423	425	118
25°	382	389	387	391	392	176
35°	332	340	341	350	353	208
45°	275	282	290	305	311	212
55°	211	220	237	256	262	188
65°	144	155	180	202	208	142
75°	75	92	123	147	154	80
85°	19	42	72	96	104	21
90°	0	24	54	77	85	1
95°	2	25	54	76	84	2
105°	8	28	54	75	83	8
115°	15	30	54	72	80	15
125°	23	32	52	68	73	20
135°	28	34	49	62	66	21
145°	29	33	44	55	58	18
155°	30	34	38	46	49	14
165°	34	36	35	36	41	10
175°	38	38	36	30	18	4
180°	33	33	33	33	33	



TEST NUMBER: P893294

CATALOG NUMBER: 4MB-2SL-FLTU-UNV-L935

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7
2.5°	440.1	441.3	441.7	445.8	444.2	445.8	443.0	439.7	438.9	440.9	438.5
5°	438.5	439.7	440.1	444.2	442.6	443.8	441.3	438.1	437.3	439.7	437.3
7.5°	435.3	436.5	436.9	441.3	439.3	440.9	438.1	434.9	434.5	436.9	434.5
10°	431.3	432.5	432.9	436.9	435.3	436.9	434.1	430.9	430.4	433.3	430.9
12.5°	425.6	426.8	427.6	431.7	429.6	431.7	428.4	425.2	425.6	428.0	426.4
15°	418.7	420.4	420.8	424.8	423.2	425.2	422.0	418.7	419.6	422.0	420.4
17.5°	411.5	413.1	413.5	417.1	415.5	417.9	414.3	411.5	412.3	414.7	413.5
20°	402.6	404.2	405.0	408.7	407.0	409.5	405.8	403.4	404.2	407.0	405.8
22.5°	392.5	394.9	395.4	399.4	397.4	399.8	396.2	394.1	395.4	398.2	397.0
25°	382.0	384.5	384.9	388.9	387.3	389.3	385.7	383.7	385.3	388.1	387.3
27.5°	370.7	373.2	374.0	377.6	376.0	378.4	374.4	373.2	374.8	377.6	376.8
30°	358.6	361.1	361.5	365.1	363.9	366.3	362.7	361.1	363.5	366.3	365.5
32.5°	345.7	348.2	349.4	352.6	351.4	353.4	350.2	349.4	351.4	354.2	353.8
35°	332.4	334.8	336.0	339.7	338.1	340.1	336.9	336.0	339.3	341.3	341.3
37.5°	318.7	321.1	322.3	326.0	323.9	326.4	323.1	322.7	326.4	328.4	328.4
40°	304.2	307.0	308.2	311.4	309.8	311.8	309.0	309.4	312.6	315.1	315.5
42.5°	289.7	292.5	293.7	297.3	295.3	297.3	294.9	295.3	298.9	301.4	303.4
45°	274.7	277.1	278.4	282.4	280.0	282.4	280.0	280.8	284.4	288.0	290.5
47.5°	259.0	261.4	263.4	266.7	264.6	266.7	265.0	266.3	270.7	274.3	277.6
50°	243.3	245.7	247.7	250.5	248.5	251.3	249.3	250.9	256.6	260.2	263.8
52.5°	227.1	229.1	232.4	234.0	232.4	235.6	234.0	236.4	242.1	246.5	250.5
55°	211.0	213.0	216.2	217.4	215.8	219.5	218.2	221.5	227.5	232.4	236.8
57.5°	194.4	196.5	199.3	200.5	199.3	203.3	202.9	206.6	212.6	217.8	222.7
60°	177.5	179.5	181.9	183.2	183.2	187.2	187.2	191.6	198.1	202.9	208.6
62.5°	161.0	162.2	164.6	166.2	167.4	171.5	171.5	176.3	183.2	188.8	194.4
65°	143.6	144.8	146.8	148.9	150.9	155.3	155.7	161.0	167.8	173.5	179.9
67.5°	126.3	127.5	129.5	131.9	134.7	139.2	140.0	145.6	152.9	159.4	165.4
70°	109.3	109.7	112.2	115.4	118.6	123.0	124.3	130.3	138.0	144.4	150.9
72.5°	92.4	92.8	95.2	99.2	102.9	107.7	109.3	115.8	123.4	129.9	136.4
75°	75.4	75.8	79.1	83.9	87.9	92.4	94.4	101.3	108.9	115.8	123.0
77.5°	59.3	60.1	63.3	68.2	73.0	78.3	80.3	87.1	95.6	102.1	108.9
80°	44.4	45.2	48.8	54.1	59.3	64.1	66.6	73.4	82.3	88.8	96.4
82.5°	30.7	31.9	36.3	42.0	47.2	52.4	54.9	61.3	69.4	76.6	83.9
85°	19.0	20.6	25.0	31.1	36.7	41.6	44.0	50.8	58.5	65.4	72.2
87.5°	8.9	11.3	15.7	21.8	27.8	31.9	34.7	41.6	48.8	55.7	62.5
90°	0.0	3.6	8.1	14.1	20.2	23.8	27.0	33.5	40.7	47.2	53.7
92.5°	0.8	4.0	8.9	14.5	20.6	24.2	27.4	33.9	40.7	47.2	53.7
95°	2.0	4.4	9.3	15.3	21.4	25.0	27.8	34.3	41.1	47.6	53.7
97.5°	3.6	5.6	10.5	16.1	22.2	25.4	28.6	35.1	41.6	48.0	54.1
100°	4.8	6.5	11.3	16.9	23.0	26.2	29.4	35.5	42.0	48.4	54.1
102.5°	6.1	8.1	12.5	17.8	23.8	27.0	29.9	35.9	42.4	48.4	54.1
105°	7.7	9.3	13.3	19.0	24.6	27.8	30.7	36.7	42.8	48.8	54.1
107.5°	9.3	10.5	14.5	19.8	25.4	28.2	31.1	37.1	43.2	48.8	54.1
110°	11.3	12.1	15.7	20.6	25.8	29.0	31.9	37.5	43.2	48.8	54.1



TEST NUMBER: P893294

CATALOG NUMBER: 4MB-2SL-FLTU-UNV-L935

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	13.3	13.3	16.9	21.4	26.6	29.4	32.3	37.9	43.6	48.8	54.1
115°	14.9	15.3	18.2	22.2	27.4	30.3	32.7	37.9	43.6	48.8	53.7
117.5°	16.9	16.9	19.8	23.0	27.8	30.7	33.5	38.3	43.6	48.4	53.3
120°	19.0	18.6	21.0	24.2	28.6	31.1	33.9	38.7	43.6	48.4	52.8
122.5°	21.0	20.2	21.8	25.0	29.0	31.9	33.9	38.7	43.6	48.0	52.4
125°	22.6	21.8	23.0	26.2	29.9	32.3	34.3	38.7	43.6	47.6	52.0
127.5°	24.2	23.4	24.6	27.0	30.3	32.3	34.7	38.7	43.6	47.2	51.2
130°	25.8	24.6	26.2	27.8	31.1	32.7	34.7	38.7	43.2	46.8	50.4
132.5°	27.0	25.8	27.4	28.6	31.5	33.1	35.1	38.7	42.8	46.4	50.0
135°	27.8	26.6	28.6	29.4	32.3	33.9	35.5	38.7	42.4	46.0	49.2
137.5°	28.6	27.0	29.4	30.3	32.7	34.3	35.5	38.3	42.0	45.2	48.4
140°	29.0	27.8	30.3	31.1	32.3	33.9	35.5	37.9	41.1	44.4	47.2
142.5°	29.4	27.8	30.7	31.5	32.3	33.5	35.1	37.1	40.3	43.2	46.0
145°	29.4	28.2	30.7	31.5	32.3	33.1	34.3	36.7	39.1	41.6	44.4
147.5°	29.4	28.6	31.1	31.9	32.7	32.7	33.5	35.9	37.9	40.3	42.8
150°	29.9	28.6	31.1	31.9	33.1	33.1	33.5	34.7	37.1	38.7	40.7
152.5°	29.4	29.0	30.7	32.3	33.1	33.5	33.5	33.9	35.9	37.5	39.1
155°	29.9	29.9	31.1	33.1	33.5	33.5	33.9	33.5	34.3	35.9	37.5
157.5°	30.7	31.5	31.5	33.5	34.3	34.3	34.7	34.3	33.9	34.3	35.9
160°	31.9	32.7	32.7	33.9	35.1	35.1	35.5	35.1	34.7	34.3	34.3
162.5°	33.1	33.9	33.9	34.3	35.5	35.9	36.3	35.9	35.5	34.7	34.3
165°	34.3	35.1	35.1	35.1	35.9	36.3	36.7	36.3	36.3	35.5	35.1
167.5°	35.5	36.3	36.3	35.9	36.3	36.7	37.1	36.7	36.7	36.3	35.5
170°	36.7	37.5	37.5	36.7	37.1	37.1	37.5	37.1	37.1	36.3	35.9
172.5°	37.5	38.3	37.9	37.5	37.5	37.5	37.5	37.1	36.7	35.9	35.9
175°	37.9	38.7	38.7	37.9	37.5	37.5	37.9	37.1	36.7	36.3	35.5
177.5°	37.9	38.7	38.7	37.9	37.5	37.5	37.9	37.5	37.5	36.7	35.9
180°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7
2.5°	440.1	439.7	437.3	440.1	440.1	439.3	442.6	442.1	441.7	440.9
5°	438.5	438.1	435.7	438.5	438.5	438.1	441.3	441.7	442.1	441.3
7.5°	436.1	435.7	433.3	436.1	436.1	435.7	439.3	439.7	440.1	438.9
10°	432.5	432.1	429.6	432.5	432.9	432.5	435.3	435.7	436.5	434.9
12.5°	427.6	427.6	425.2	428.0	428.4	428.0	430.9	431.7	432.5	430.4
15°	421.6	422.0	420.0	422.8	423.2	423.2	426.0	426.4	427.6	424.8
17.5°	414.3	415.1	413.5	416.3	416.7	417.1	418.7	420.0	421.2	417.9
20°	406.6	407.0	405.8	408.3	409.1	408.7	410.7	412.3	413.5	410.3
22.5°	397.4	397.8	396.6	399.0	399.8	400.2	401.8	403.8	404.6	401.8
25°	386.9	388.5	387.7	390.1	390.9	390.9	392.5	394.5	395.8	391.7
27.5°	376.8	378.8	378.0	380.4	381.2	381.6	382.4	384.9	386.1	382.4
30°	365.5	367.9	367.5	369.9	370.7	370.3	372.0	374.4	376.0	372.0
32.5°	353.0	356.2	355.8	359.0	359.8	360.3	361.5	364.7	366.3	362.7
35°	340.9	344.5	344.9	348.6	349.8	350.2	351.8	355.0	356.6	353.0
37.5°	328.4	333.2	334.4	338.1	339.3	339.7	341.3	344.9	346.5	342.9
40°	316.3	321.9	323.5	326.8	328.0	329.2	330.4	334.0	336.0	332.4
42.5°	304.2	310.2	312.2	315.5	316.7	317.9	319.5	323.5	325.2	321.9
45°	291.7	298.1	300.5	303.8	305.4	306.6	308.2	311.8	313.9	310.6
47.5°	279.2	285.6	288.0	291.7	293.3	294.9	296.1	300.5	302.6	299.3
50°	265.9	273.1	275.9	279.2	281.6	282.8	284.4	288.4	290.5	287.6
52.5°	252.5	260.2	263.4	266.7	269.1	271.1	271.9	276.3	278.4	275.5
55°	238.8	246.5	250.1	253.8	256.2	258.6	259.4	263.8	265.9	261.8
57.5°	225.1	233.2	236.8	240.8	242.9	245.7	246.9	250.9	252.9	250.1
60°	211.4	219.1	223.5	227.1	229.9	232.4	233.2	237.6	239.6	236.0
62.5°	197.3	205.3	209.8	213.8	216.2	219.1	220.3	224.3	225.9	222.3
65°	182.7	190.8	195.7	199.3	202.5	204.9	205.7	210.2	211.8	208.2
67.5°	168.2	176.3	181.5	185.6	188.4	191.2	192.0	196.5	198.1	195.3
70°	154.1	162.2	167.4	172.3	174.3	177.1	178.3	182.3	184.0	181.5
72.5°	140.0	148.1	153.7	158.5	160.6	163.4	165.0	168.2	170.6	168.6
75°	126.3	134.3	140.0	144.8	146.8	149.7	151.3	154.5	156.1	154.5
77.5°	113.0	121.0	126.3	131.1	133.5	136.0	137.6	140.8	142.8	141.2
80°	100.0	108.1	113.4	117.8	120.2	122.6	124.3	127.9	129.5	128.3
82.5°	87.9	95.6	101.3	105.7	108.1	110.5	112.2	115.4	117.4	115.8
85°	77.1	84.7	90.0	94.4	96.4	98.8	100.5	103.7	105.3	104.5
87.5°	66.6	73.4	79.5	83.9	85.9	88.3	90.4	92.8	94.8	93.6
90°	58.5	64.5	70.2	74.6	77.1	79.5	81.9	84.3	85.9	85.1
92.5°	58.9	64.5	69.8	73.8	76.2	78.7	81.1	83.9	85.1	84.3
95°	58.9	64.5	69.8	73.8	76.2	78.7	81.1	83.9	85.1	84.3
97.5°	58.9	64.5	69.8	73.8	76.2	78.7	81.1	83.9	85.1	83.9
100°	58.9	64.5	69.8	73.8	76.2	78.3	80.7	83.5	84.7	83.9
102.5°	58.9	64.5	69.4	73.4	75.8	77.9	80.3	83.1	84.3	83.5
105°	58.9	64.1	69.4	73.0	75.4	77.5	79.9	82.3	83.5	82.7
107.5°	58.5	63.7	68.6	72.6	74.6	76.6	79.1	81.5	82.7	81.9
110°	58.5	63.3	68.2	71.8	73.8	75.8	78.3	80.7	81.9	81.1





TEST NUMBER: P893294

CATALOG NUMBER: 4MB-2SL-FLTU-UNV-L935

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	58.1	62.9	67.8	71.0	73.0	75.0	77.1	79.9	81.1	80.3
115°	57.7	62.5	67.0	70.2	72.2	73.8	76.2	79.1	79.9	79.5
117.5°	57.3	61.7	66.2	69.4	71.4	73.0	75.0	77.5	78.7	78.3
120°	56.9	60.9	65.4	68.2	70.2	71.8	73.4	75.8	77.1	76.2
122.5°	56.1	60.1	64.5	67.4	69.0	70.6	72.2	74.2	75.4	75.0
125°	55.3	59.3	63.3	66.2	67.8	69.0	70.6	72.6	73.4	73.0
127.5°	54.5	58.5	62.1	64.5	66.6	67.8	69.0	71.0	71.8	71.4
130°	53.7	57.3	60.9	63.3	65.0	66.2	67.4	69.4	69.8	69.8
132.5°	52.8	56.1	59.7	62.1	63.7	64.5	65.8	67.4	68.2	67.8
135°	52.0	54.9	58.5	60.5	61.7	62.9	64.1	65.8	66.2	66.2
137.5°	50.8	53.7	56.9	58.9	60.1	60.9	62.1	63.7	64.1	64.1
140°	49.6	52.4	55.3	56.9	58.5	59.3	60.1	61.7	62.1	62.1
142.5°	48.4	50.8	53.7	55.3	56.9	57.3	58.5	59.7	60.1	60.1
145°	46.8	49.6	52.0	53.7	54.9	55.3	56.5	57.7	57.7	58.1
147.5°	44.8	47.2	50.4	51.6	52.8	53.3	54.5	55.3	55.7	55.7
150°	42.8	45.2	48.0	50.0	51.2	51.6	52.0	53.3	53.3	53.7
152.5°	40.7	42.8	45.6	47.6	49.2	49.6	50.0	50.8	50.8	51.2
155°	38.7	40.3	42.8	44.8	46.4	47.2	48.0	48.8	48.8	49.2
157.5°	37.1	38.7	40.7	42.4	43.6	44.8	46.0	46.8	46.8	46.8
160°	35.1	36.3	38.3	39.5	41.1	42.0	44.0	44.8	44.8	45.2
162.5°	33.9	34.3	35.5	36.7	37.9	38.7	40.7	42.8	42.8	43.2
165°	34.3	33.9	34.3	34.7	35.5	35.9	37.1	39.9	40.7	41.1
167.5°	35.1	33.9	33.9	33.9	34.7	34.7	35.9	37.5	40.3	39.5
170°	35.1	33.9	33.1	33.1	33.5	33.1	33.9	35.1	36.7	38.3
172.5°	35.5	34.3	33.1	31.5	31.9	31.5	30.7	30.7	31.1	36.3
175°	35.1	34.3	32.7	30.7	30.3	29.0	26.6	24.6	23.4	18.2
177.5°	34.7	33.5	32.3	30.7	29.9	28.6	25.8	22.6	19.4	18.6
180°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1



TEST NUMBER: P893294  
 CATALOG NUMBER: 4MB-2SL-FLTU-UNV-L935

**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	11.66	12.98	12.28	13.61	14.34	14.21	15.53	14.83	16.17	16.89
	3H	13.07	14.27	13.70	14.91	15.67	16.64	17.84	17.27	18.48	19.24
	4H	13.50	14.63	14.14	15.29	16.06	17.78	18.92	18.43	19.57	20.34
	6H	13.73	14.79	14.39	15.46	16.24	18.92	19.98	19.58	20.64	21.43
	8H	13.78	14.79	14.45	15.48	16.26	19.48	20.49	20.15	21.18	21.96
	12H	13.79	14.76	14.47	15.44	16.25	20.06	21.03	20.74	21.71	22.53
4H	2H	12.55	13.69	13.20	14.34	15.11	14.56	15.70	15.21	16.35	17.12
	3H	14.18	15.14	14.84	15.83	16.62	17.19	18.16	17.86	18.85	19.64
	4H	14.73	15.62	15.41	16.31	17.13	18.48	19.37	19.16	20.07	20.88
	6H	15.07	15.85	15.77	16.57	17.40	19.79	20.57	20.49	21.29	22.12
	8H	15.15	15.88	15.85	16.60	17.44	20.45	21.18	21.16	21.90	22.74
	12H	15.18	15.84	15.90	16.58	17.43	21.15	21.82	21.88	22.56	23.41
8H	4H	15.38	16.11	16.08	16.83	17.67	18.64	19.37	19.34	20.09	20.93
	6H	15.88	16.50	16.62	17.26	18.10	20.09	20.71	20.82	21.47	22.31
	8H	16.04	16.59	16.78	17.36	18.21	20.87	21.43	21.62	22.19	23.05
	12H	16.13	16.62	16.88	17.38	18.29	21.73	22.23	22.48	22.98	23.90
12H	4H	15.54	16.21	16.27	16.95	17.80	18.63	19.29	19.35	20.03	20.88
	6H	16.14	16.70	16.89	17.46	18.32	20.11	20.67	20.85	21.43	22.28
	8H	16.38	16.87	17.12	17.62	18.54	20.94	21.43	21.69	22.19	23.10