

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: P893118

Luminaire Tested: 2MB-SC3-RND-UNV-CC93-MID-5000K

Issue Date: 11/11/2024

**Test Information**

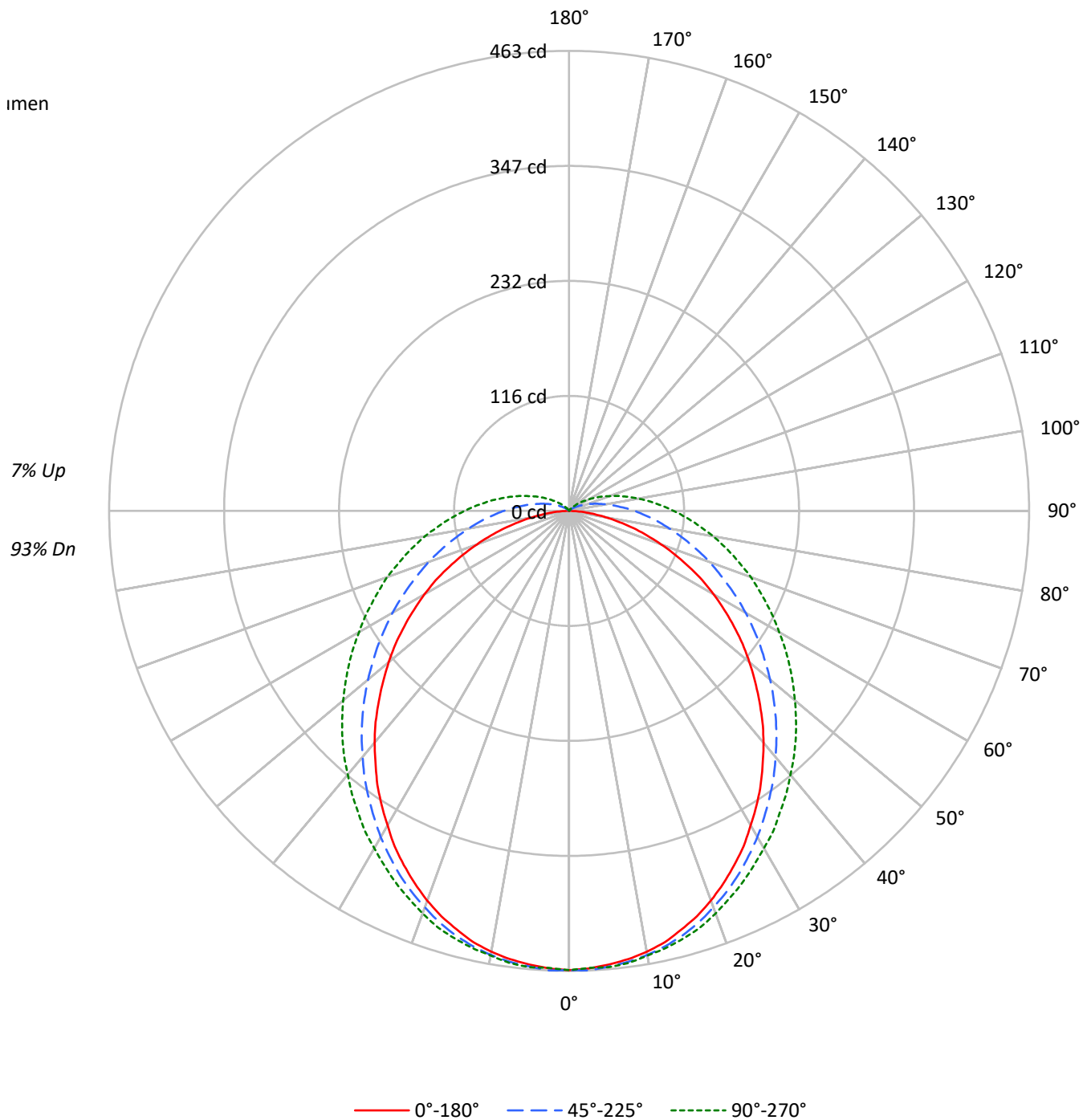
Test Method: LM-79-2019  
Report Number: P893118  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-SC3-RND-UNV-CC93-MID-5000K  
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT, MID lu setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1503.9 lumens  
Efficiency: N/A  
Efficacy: 108.2 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): 13.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.9948  
Total Harmonic Distortion (THDi): 5.65231997856897  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P893118  
CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-MID-5000K

### 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°	6612	6612	6612
5°	6581	6610	6619
10°	6545	6592	6601
15°	6462	6548	6596
20°	6354	6464	6563
25°	6210	6374	6517
30°	6038	6262	6477
35°	5873	6146	6463
40°	5686	6037	6474
45°	5477	5950	6529
50°	5275	5880	6603
55°	5053	5846	6751
60°	4810	5871	6984
65°	4505	5978	7406
70°	4128	6299	8148
75°	3731	6926	9402
80°	3155	8452	12143
85°	2561	13640	20566

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 37683 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.7	2.9
10°-20°	124.4	8.3
20°-30°	185.4	12.3
30°-40°	220.1	14.6
40°-50°	227.4	15.1
50°-60°	209.9	14.0
60°-70°	174.2	11.6
70°-80°	129.1	8.6
80°-90°	85.1	5.7
90°-100°	51.7	3.4
100°-110°	29.3	1.9
110°-120°	14.6	1.0
120°-130°	6.1	0.4
130°-140°	1.9	0.1
140°-150°	0.5	0.0
150°-160°	0.2	0.0
160°-170°	0.2	0.0
170°-180°	0.0	0.0
0°-30°	353.5	23.5
0°-40°	573.6	38.1
0°-60°	1010.9	67.2
0°-90°	1399.4	93.1
90°-120°	95.6	6.4
90°-150°	104.1	6.9
90°-180°	105.0	7.0
0°-180°	1503.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	462	462	462	462	462	
5°	458	465	460	459	461	44
15°	436	443	442	443	445	123
25°	393	400	404	408	413	181
35°	336	343	352	363	370	210
45°	271	279	294	312	323	209
55°	203	212	234	258	271	181
65°	133	147	177	205	219	132
75°	68	88	125	156	170	71
85°	16	44	83	112	125	17
90°	0	29	66	94	105	1
95°	0	18	50	76	87	0
105°	0	6	28	47	56	0
115°	0	1	13	27	33	0
125°	0	1	5	12	16	0
135°	1	0	1	4	6	0
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: P893118

CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2
2.5°	460.9	459.6	460.3	460.3	462.2	467.4	465.5	465.5	465.5	460.3	462.9
5°	458.3	457.0	457.7	458.3	459.6	464.8	462.9	463.5	462.9	457.7	460.3
7.5°	455.1	453.8	453.8	454.4	456.4	461.6	459.6	460.3	459.6	454.4	457.7
10°	450.6	449.3	449.9	450.6	451.9	457.7	455.7	455.7	455.7	451.2	453.8
12.5°	444.7	443.4	444.1	444.7	446.7	451.2	449.3	449.9	449.9	446.0	448.6
15°	436.3	435.0	436.3	436.9	438.9	443.4	442.1	442.8	442.8	438.9	442.1
17.5°	427.8	425.9	427.2	427.8	430.4	434.3	433.0	434.3	434.3	430.4	434.3
20°	417.4	415.5	416.8	418.1	420.0	423.9	422.6	423.9	423.9	420.7	424.6
22.5°	405.8	403.8	405.1	406.4	409.0	412.2	411.6	412.9	412.9	410.3	414.8
25°	393.4	391.5	393.4	394.1	396.7	399.9	399.9	400.6	401.2	399.3	403.8
27.5°	380.4	377.8	379.8	381.1	383.7	386.9	386.9	388.2	388.2	387.6	391.5
30°	365.5	363.6	366.2	366.8	369.4	372.6	373.3	374.6	374.6	373.9	379.1
32.5°	351.2	349.3	351.2	352.5	355.8	358.4	359.0	360.3	361.0	361.0	365.5
35°	336.3	334.3	336.3	337.6	340.8	343.4	344.1	345.4	346.0	347.3	351.9
37.5°	320.1	318.8	320.7	322.0	325.3	327.9	328.5	330.4	331.1	333.0	338.2
40°	304.5	302.5	304.5	305.8	309.7	311.6	312.9	314.9	316.2	318.1	323.3
42.5°	288.2	287.0	288.2	290.8	293.4	296.0	297.3	299.3	301.2	304.5	309.0
45°	270.7	270.7	272.0	274.6	277.2	279.2	281.1	283.7	285.7	288.9	294.1
47.5°	253.8	253.8	255.1	257.1	260.3	262.3	264.2	267.5	269.4	273.3	279.2
50°	237.0	236.3	238.3	240.9	244.1	246.1	248.0	251.2	253.8	258.4	264.2
52.5°	220.1	218.8	220.7	224.0	226.6	229.2	231.1	234.4	237.6	243.5	248.6
55°	202.6	201.9	203.9	206.4	209.7	211.6	214.2	218.1	222.0	227.9	234.4
57.5°	185.0	185.0	187.0	189.6	193.5	195.4	198.0	202.6	206.4	212.9	219.4
60°	168.1	167.5	169.4	173.3	176.6	179.2	181.8	187.0	191.5	198.7	205.2
62.5°	151.3	150.6	153.2	155.8	160.4	163.0	165.5	171.4	176.6	184.4	190.9
65°	133.1	133.7	135.7	138.3	143.5	146.7	150.0	156.5	162.3	169.4	176.6
67.5°	115.6	115.6	118.2	121.4	127.9	131.1	134.4	141.5	147.4	155.8	163.0
70°	98.7	99.3	102.6	105.8	112.3	115.6	119.5	127.2	133.7	142.2	150.6
72.5°	82.4	83.7	86.3	91.5	98.0	101.3	105.8	113.6	120.1	129.2	137.6
75°	67.5	68.2	71.4	77.3	84.4	88.3	92.2	100.6	108.4	116.9	125.3
77.5°	51.9	53.2	57.1	63.6	72.1	76.0	79.9	88.9	96.7	105.2	113.6
80°	38.3	39.6	44.8	51.3	60.4	64.3	68.8	77.9	85.7	94.1	102.6
82.5°	26.0	27.9	33.1	40.3	49.3	53.9	58.4	67.5	76.0	84.4	92.8
85°	15.6	17.5	23.4	31.2	40.3	44.1	48.7	58.4	66.2	74.7	83.1
87.5°	6.5	9.7	15.6	23.4	31.8	35.7	40.9	50.0	57.8	65.6	74.0
90°	0.0	3.9	9.7	16.9	25.3	29.2	33.1	42.2	50.0	57.8	65.6
92.5°	0.0	1.3	5.8	11.7	19.5	22.7	26.6	35.1	42.2	50.0	57.8
95°	0.0	0.6	3.2	8.4	14.3	17.5	21.4	29.2	35.7	43.5	50.0
97.5°	0.0	0.0	1.9	5.8	11.0	13.6	16.9	24.0	30.5	37.0	44.1
100°	0.0	0.0	1.3	3.9	7.8	10.4	13.0	19.5	25.3	31.8	37.7
102.5°	0.0	0.0	0.6	2.6	5.8	7.8	9.7	15.6	20.8	26.6	32.5
105°	0.0	0.0	0.6	1.3	3.9	5.8	7.8	12.3	16.9	22.1	27.9
107.5°	0.0	0.0	0.0	1.3	3.2	4.5	5.8	9.7	13.6	18.2	23.4
110°	0.0	0.0	0.0	0.6	1.9	3.2	4.5	7.8	11.0	14.9	19.5



TEST NUMBER: P893118

CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.6	1.3	1.9	3.2	5.8	8.4	12.3	15.6
115°	0.0	0.0	0.0	0.0	0.6	1.3	1.9	4.5	6.5	9.7	13.0
117.5°	0.0	0.0	0.0	0.0	0.6	1.3	1.3	3.2	5.2	7.8	10.4
120°	0.0	0.0	0.0	0.0	0.6	0.6	1.3	2.6	3.9	5.8	8.4
122.5°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.3	2.6	4.5	6.5
125°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3	1.9	3.2	5.2
127.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.3	2.6	3.9
130°	0.6	0.0	0.0	0.0	0.6	0.0	0.6	0.6	1.3	1.9	2.6
132.5°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3	1.9
135°	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.6	0.6	0.6	1.3
137.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3
140°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
142.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
152.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
155°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
157.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
160°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
162.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
165°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
167.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
172.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
175°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
177.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2	462.2
2.5°	462.9	457.7	460.9	460.3	459.6	458.3	461.6	459.0	460.3	460.3
5°	460.9	455.7	459.6	459.6	459.0	457.7	460.9	458.3	460.3	460.9
7.5°	457.7	453.8	457.7	457.0	457.0	455.7	459.0	457.0	459.0	459.0
10°	453.8	449.9	453.8	453.1	453.1	451.9	454.4	452.5	454.4	454.4
12.5°	448.6	444.7	449.3	448.6	448.0	447.3	449.9	448.0	450.6	450.6
15°	442.1	439.5	444.1	443.4	443.4	442.1	445.4	443.4	446.0	445.4
17.5°	435.0	432.4	436.9	436.9	436.3	436.3	438.2	436.3	439.5	439.5
20°	425.2	422.6	427.8	427.8	427.2	427.2	429.1	427.2	431.1	431.1
22.5°	414.8	412.9	417.4	418.1	417.4	417.4	419.4	418.1	422.0	422.0
25°	403.8	403.2	407.7	408.4	407.7	408.4	410.3	409.0	412.9	412.9
27.5°	392.1	392.1	396.7	397.3	398.0	398.0	399.9	398.6	403.2	402.5
30°	379.8	379.8	385.0	386.3	386.3	386.9	388.9	387.6	392.1	392.1
32.5°	366.8	367.5	372.6	374.6	374.6	375.9	377.2	376.5	381.1	382.4
35°	353.8	354.5	360.3	362.3	362.9	363.6	365.5	365.5	369.4	370.1
37.5°	338.9	341.5	346.7	349.3	349.9	351.2	353.2	353.2	357.7	359.0
40°	324.6	327.9	333.7	336.3	336.9	338.2	340.8	340.8	345.4	346.7
42.5°	311.0	314.9	320.1	324.0	324.6	326.6	327.9	329.2	333.7	335.0
45°	296.0	300.6	306.4	310.3	311.6	313.6	314.9	316.8	320.7	322.7
47.5°	281.8	286.3	292.8	297.3	298.0	300.6	301.9	303.8	307.7	309.7
50°	266.8	272.7	279.2	284.4	285.0	287.0	288.9	290.8	294.7	296.7
52.5°	252.5	258.4	264.9	270.1	271.4	273.3	275.3	277.2	281.8	283.7
55°	238.3	244.1	250.6	256.4	257.7	259.7	261.6	264.2	268.8	270.7
57.5°	224.0	230.5	237.0	242.8	244.1	246.7	248.6	251.2	255.1	257.7
60°	210.3	216.8	224.0	229.8	230.5	234.4	235.7	238.3	242.2	244.1
62.5°	196.1	204.5	210.3	216.8	218.1	220.7	222.7	225.3	229.2	231.8
65°	182.4	190.9	196.7	203.2	205.2	207.7	209.7	212.3	216.2	218.8
67.5°	169.4	177.9	184.4	190.9	192.8	194.8	197.4	200.0	203.2	206.4
70°	157.1	166.2	172.0	178.5	180.5	183.1	185.7	187.6	191.5	194.8
72.5°	144.8	153.9	159.7	166.8	168.1	170.7	173.3	175.9	179.2	181.8
75°	132.4	141.5	148.0	154.5	156.5	159.1	161.7	164.3	167.5	170.1
77.5°	120.8	129.8	136.3	143.5	144.8	147.4	150.6	153.2	155.8	158.4
80°	109.7	118.8	125.3	131.8	133.7	136.3	138.9	142.2	144.8	147.4
82.5°	100.0	108.4	114.3	121.4	122.7	125.3	127.9	130.5	133.1	135.7
85°	90.2	98.7	104.5	111.0	112.3	114.9	117.5	120.1	123.4	125.3
87.5°	81.2	88.9	95.4	101.3	102.6	105.2	107.8	109.7	112.3	114.9
90°	72.7	80.5	86.3	92.2	93.5	96.1	98.0	100.6	103.2	105.2
92.5°	64.3	72.1	77.3	83.1	84.4	87.0	89.6	91.5	94.1	96.1
95°	57.1	64.3	69.5	75.3	76.0	78.6	81.2	83.1	85.7	87.0
97.5°	50.0	57.1	62.3	67.5	68.2	70.8	73.4	75.3	77.3	79.2
100°	43.5	50.0	55.2	59.7	61.0	63.0	65.6	67.5	69.5	70.8
102.5°	37.7	43.5	48.0	53.2	53.9	56.5	58.4	60.4	62.3	63.6
105°	32.5	38.3	42.2	46.7	47.4	50.0	51.9	53.9	55.8	56.5
107.5°	27.9	32.5	36.4	40.9	42.2	43.5	45.4	47.4	49.3	50.0
110°	23.4	27.9	31.8	35.1	36.4	38.3	39.6	41.5	42.8	43.5





TEST NUMBER: P893118

CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	19.5	23.4	26.6	30.5	31.2	33.1	34.4	35.7	37.7	38.3
115°	16.2	20.1	22.7	26.0	26.6	27.9	29.9	31.2	32.5	33.1
117.5°	13.6	16.2	18.8	21.4	22.7	24.0	25.3	26.6	27.3	27.9
120°	11.0	13.6	15.6	18.2	18.8	20.1	21.4	22.1	23.4	24.0
122.5°	8.4	11.0	13.0	14.9	15.6	16.9	17.5	18.8	19.5	19.5
125°	6.5	8.4	10.4	11.7	12.3	13.6	14.3	15.6	16.2	16.2
127.5°	5.2	6.5	7.8	9.7	9.7	11.0	11.7	12.3	13.0	13.0
130°	3.9	5.2	6.5	7.1	7.8	8.4	9.1	9.7	10.4	10.4
132.5°	2.6	3.9	4.5	5.8	5.8	6.5	7.1	7.1	7.8	7.8
135°	1.9	2.6	3.2	3.9	4.5	4.5	5.2	5.8	5.8	5.8
137.5°	1.3	1.9	2.6	3.2	3.2	3.2	3.9	3.9	4.5	4.5
140°	0.6	1.3	1.3	1.9	1.9	2.6	2.6	2.6	3.2	3.2
142.5°	0.6	0.6	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9
145°	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3
150°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
152.5°	0.6	0.6	0.6	0.0	0.0	0.0	0.6	0.6	0.6	0.6
155°	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
160°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0
162.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0
165°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0
167.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0
172.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.6	0.0
175°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
177.5°	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P893118  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-MID-5000K

**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	16.64	18.18	17.11	18.63	19.12	18.41	19.95	18.88	20.40	20.89
	3H	18.27	19.67	18.75	20.13	20.66	21.00	22.40	21.48	22.86	23.38
	4H	18.85	20.18	19.36	20.66	21.20	22.29	23.62	22.80	24.10	24.64
	6H	19.25	20.49	19.77	20.98	21.54	23.69	24.92	24.20	25.42	25.97
	8H	19.37	20.55	19.90	21.07	21.63	24.42	25.61	24.95	26.13	26.69
	12H	19.44	20.58	19.98	21.10	21.69	25.26	26.40	25.80	26.92	27.51
4H	2H	17.62	18.94	18.12	19.43	19.97	18.96	20.29	19.46	20.77	21.31
	3H	19.55	20.68	20.07	21.21	21.77	21.84	22.97	22.35	23.50	24.06
	4H	20.31	21.35	20.85	21.89	22.48	23.35	24.38	23.88	24.92	25.51
	6H	20.88	21.80	21.44	22.36	22.97	24.97	25.89	25.53	26.45	27.06
	8H	21.06	21.92	21.62	22.49	23.11	25.84	26.70	26.40	27.26	27.88
	12H	21.18	21.97	21.77	22.56	23.18	26.83	27.61	27.41	28.20	28.83
8H	4H	21.21	22.07	21.77	22.64	23.25	23.70	24.56	24.26	25.12	25.74
	6H	22.08	22.81	22.67	23.42	24.04	25.58	26.32	26.18	26.92	27.55
	8H	22.43	23.09	23.03	23.71	24.34	26.65	27.31	27.26	27.93	28.57
	12H	22.70	23.29	23.30	23.89	24.60	27.90	28.49	28.50	29.09	29.80
12H	4H	21.49	22.28	22.07	22.87	23.49	23.74	24.52	24.32	25.11	25.74
	6H	22.53	23.20	23.14	23.81	24.45	25.69	26.35	26.29	26.96	27.60
	8H	23.05	23.64	23.65	24.24	24.95	26.87	27.46	27.47	28.06	28.77