

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: P894311

Luminaire Tested: 4MB-SC3-RND-UNV-CC93-LOW-5000K

Issue Date: 11/11/2024

**Test Information**

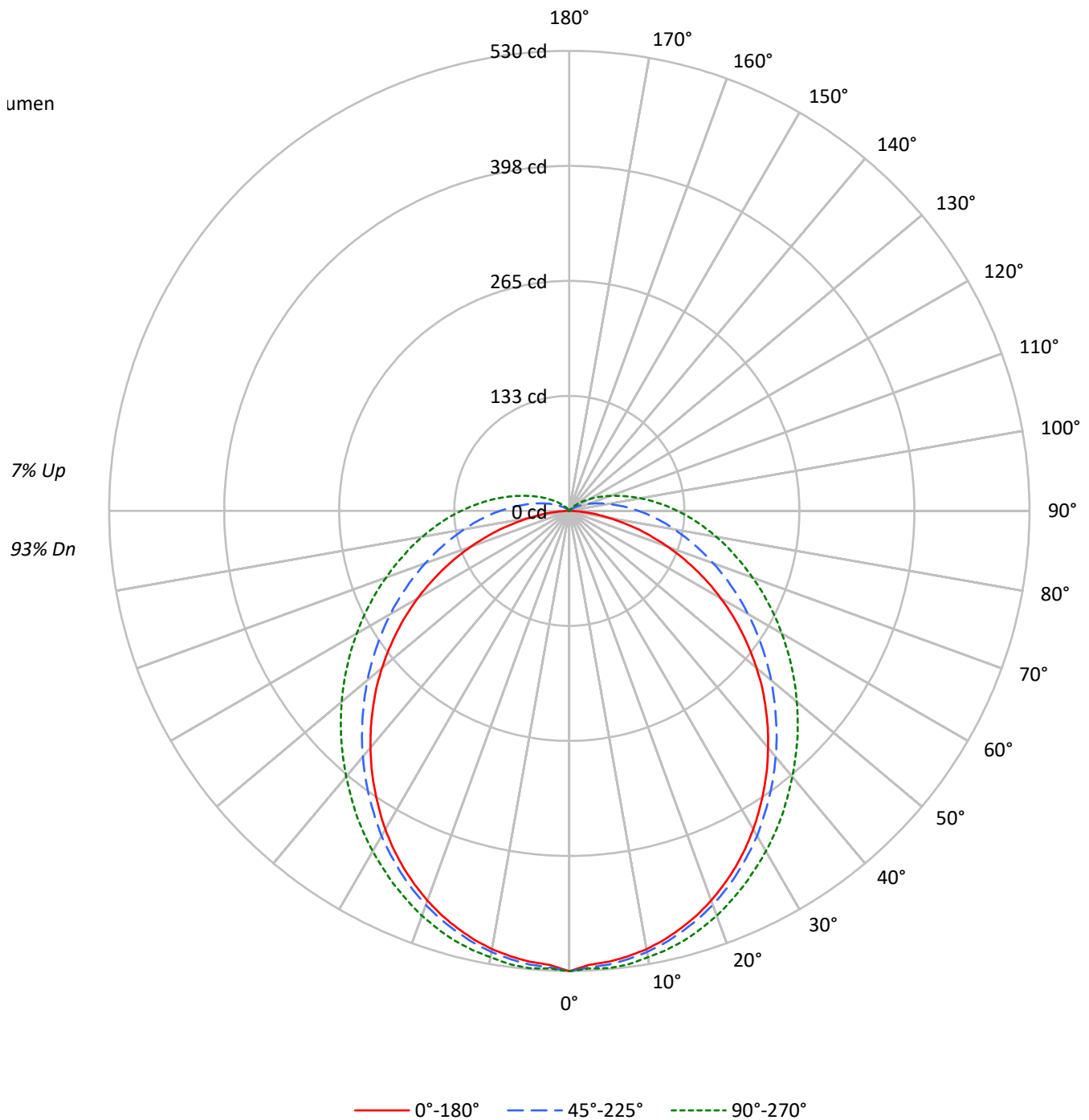
Test Method: LM-79-2019  
Report Number: P894311  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-RND-UNV-CC93-LOW-5000K  
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT, LOW I setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1756.0 lumens  
Efficiency: N/A  
Efficacy: 105.1 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.27 / 1.35  
Luminous Opening: Rectangular (W 0.38' x L: 3.98' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 16.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.9915  
Total Harmonic Distortion (THDi): 6.67573310469889  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P894311  
CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-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	76	76	76	76	74
2	95	86	78	72	92	83	77	71	79	73	68	74	70	65	70	66	63	63	63	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	55	62	57	53	53	53	53	50
4	79	66	57	50	76	64	56	49	61	54	48	58	51	46	55	49	45	45	45	45	43
5	72	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	39	39	39	37
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	34	34	34	32
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	30	30	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	33	28	37	32	27	27	27	27	25
9	54	40	32	26	52	39	31	26	38	31	25	36	30	25	35	29	24	24	24	24	23
10	50	37	29	24	49	36	29	24	35	28	23	33	27	23	32	26	22	22	22	22	20

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

	0°	45°	90°
0°	3774	3774	3774
5°	3723	3747	3777
10°	3703	3727	3772
15°	3666	3696	3773
20°	3617	3658	3759
25°	3555	3607	3738
30°	3482	3553	3720
35°	3396	3490	3713
40°	3307	3435	3712
45°	3216	3387	3738
50°	3115	3358	3786
55°	3002	3352	3876
60°	2870	3384	4023
65°	2711	3473	4263
70°	2513	3670	4670
75°	2271	4085	5421
80°	1922	5036	7039
85°	1559	8196	12066

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 22200 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.2	2.9
10°-20°	142.9	8.1
20°-30°	214.0	12.2
30°-40°	255.2	14.5
40°-50°	264.7	15.1
50°-60°	245.5	14.0
60°-70°	204.8	11.7
70°-80°	152.7	8.7
80°-90°	101.7	5.8
90°-100°	61.9	3.5
100°-110°	34.6	2.0
110°-120°	17.3	1.0
120°-130°	7.2	0.4
130°-140°	2.3	0.1
140°-150°	0.6	0.0
150°-160°	0.2	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	407.1	23.2
0°-40°	662.3	37.7
0°-60°	1172.5	66.8
0°-90°	1631.7	92.9
90°-120°	113.7	6.5
90°-150°	123.8	7.0
90°-180°	124.0	7.1
0°-180°	1756.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	530	530	530	530	530	
5°	521	533	525	528	529	49
15°	498	510	502	511	512	140
25°	453	465	460	472	476	208
35°	391	401	402	422	428	245
45°	320	328	337	363	372	247
55°	242	250	270	302	312	216
65°	161	174	206	241	253	159
75°	83	105	149	185	197	87
85°	19	52	100	135	148	21
90°	1	34	80	112	124	1
95°	0	21	61	92	103	0
105°	0	7	34	57	66	0
115°	0	2	16	32	38	0
125°	0	0	6	15	19	0
135°	0	0	2	5	7	0
145°	0	0	0	1	2	0
155°	1	1	0	0	0	0
165°	1	1	0	0	0	0
175°	1	1	1	0	0	0
180°	1	1	1	1	1	



TEST NUMBER: P894311  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-5000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4
2.5°	523.4	524.2	531.7	531.3	530.0	535.0	536.3	532.1	525.5	532.1	526.3
5°	521.3	522.1	529.6	529.2	528.0	533.3	533.8	530.0	523.4	530.0	524.6
7.5°	517.6	518.4	525.9	525.5	524.6	530.0	529.6	526.7	519.7	526.7	520.9
10°	512.6	513.0	520.9	520.1	519.7	525.0	523.8	521.3	514.3	521.3	515.9
12.5°	506.0	506.4	514.3	513.4	513.4	518.4	516.7	514.7	507.6	514.3	509.7
15°	497.7	498.1	505.5	505.1	505.1	510.5	508.0	506.4	499.7	506.8	501.8
17.5°	488.5	488.1	496.0	495.2	496.0	501.0	497.7	496.8	490.6	497.2	493.1
20°	477.7	477.7	484.8	484.4	485.6	490.2	486.0	486.4	480.2	487.3	483.1
22.5°	465.7	465.3	472.3	472.3	473.6	478.1	473.6	474.8	468.6	475.2	471.9
25°	452.8	452.0	459.1	459.1	461.1	464.9	459.9	461.5	455.7	462.4	459.5
27.5°	438.7	437.5	444.5	444.9	446.6	450.3	444.9	447.4	442.0	448.3	446.2
30°	423.8	422.5	429.6	430.0	432.1	435.0	429.6	432.9	427.9	434.1	432.5
32.5°	407.6	406.8	413.4	414.2	416.3	418.4	413.4	416.7	412.6	418.8	417.1
35°	391.0	390.2	396.4	397.6	399.7	401.4	396.0	400.5	396.8	402.6	401.8
37.5°	374.0	372.7	379.4	380.2	382.7	383.5	378.5	383.9	380.6	386.4	386.0
40°	356.1	354.9	361.5	362.3	364.8	364.8	360.7	366.5	364.0	369.4	369.8
42.5°	338.3	337.0	342.8	344.5	346.6	346.6	342.4	348.6	347.0	352.4	353.6
45°	319.6	318.3	323.7	325.4	327.9	327.9	323.7	330.8	329.6	335.0	336.6
47.5°	301.3	299.7	304.7	306.3	308.8	308.4	305.1	312.1	311.7	317.1	320.0
50°	281.4	280.2	285.1	286.8	289.7	288.9	286.4	293.9	293.9	299.3	303.4
52.5°	261.9	260.7	265.6	267.3	269.8	269.8	267.3	275.2	276.4	281.8	286.8
55°	242.0	240.3	245.3	247.0	249.9	250.3	248.2	256.1	258.6	264.8	270.2
57.5°	222.1	221.2	225.4	227.0	230.8	230.8	229.5	237.8	241.1	247.8	254.0
60°	201.7	200.9	204.6	206.7	210.8	211.7	210.8	219.6	224.1	230.8	237.8
62.5°	181.4	180.5	184.3	187.2	191.8	192.6	193.0	202.1	207.1	214.2	222.1
65°	161.0	160.2	163.9	167.3	172.7	173.9	175.2	184.7	190.5	198.0	206.3
67.5°	140.7	140.3	144.0	148.2	154.0	155.6	157.7	167.7	174.3	182.2	191.3
70°	120.8	120.4	124.1	129.1	136.1	138.2	140.7	150.7	159.0	167.3	176.4
72.5°	100.9	101.3	105.4	111.2	119.1	121.2	124.5	134.9	144.0	152.7	162.3
75°	82.6	82.6	87.2	93.8	102.5	105.4	109.2	120.0	129.5	138.6	148.6
77.5°	63.9	63.9	69.3	77.6	87.2	90.1	94.6	105.8	116.2	125.3	135.3
80°	46.9	47.7	54.0	62.3	72.2	76.0	81.4	92.6	103.8	112.9	122.9
82.5°	32.0	33.2	39.8	49.4	59.4	63.1	68.5	80.5	91.7	101.3	111.7
85°	19.1	21.2	28.2	37.8	48.1	52.3	58.1	69.3	80.5	90.1	100.4
87.5°	8.7	11.6	19.1	28.6	38.6	43.2	48.1	58.9	70.1	79.7	90.5
90°	0.8	5.0	12.5	20.8	30.3	34.4	39.4	49.8	60.6	69.3	79.7
92.5°	0.0	2.1	7.5	14.9	23.2	27.4	32.0	41.9	51.5	60.2	70.1
95°	0.0	0.8	4.2	10.4	17.4	21.2	25.3	34.4	44.0	52.3	61.4
97.5°	0.0	0.4	2.5	7.1	12.9	16.2	19.9	28.2	36.9	44.8	53.1
100°	0.0	0.4	1.2	4.6	9.5	12.0	15.8	22.8	30.7	37.8	46.1
102.5°	0.0	0.0	0.8	2.9	7.1	9.1	12.0	18.3	25.3	32.0	39.4
105°	0.0	0.0	0.4	2.1	5.0	6.6	9.1	14.5	20.8	26.6	33.6
107.5°	0.0	0.0	0.4	1.2	3.3	5.0	7.1	11.2	16.6	22.0	28.2
110°	0.4	0.4	0.4	0.8	2.5	3.7	5.0	8.7	13.7	18.3	23.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.4	0.4	0.4	0.4	1.7	2.5	3.7	6.6	10.8	14.5	19.5
115°	0.4	0.4	0.4	0.4	1.2	1.7	2.5	5.0	8.3	11.6	15.8
117.5°	0.4	0.4	0.4	0.4	0.8	1.2	1.7	3.7	6.2	9.1	12.9
120°	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.5	5.0	7.1	10.4
122.5°	0.4	0.4	0.4	0.4	0.4	0.8	0.8	2.1	3.7	5.4	7.9
125°	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.5	4.2	6.2
127.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.7	2.9	4.6
130°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.1	3.3
132.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.7	2.5
135°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.7
137.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8	1.2
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8
142.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8
145°	0.4	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
147.5°	0.4	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150°	0.4	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4
157.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	0.4
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4
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	0.4
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°	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4	530.4
2.5°	528.0	529.2	530.4	527.1	529.2	532.9	534.2	529.2	530.9	527.5
5°	526.3	527.1	528.8	524.6	527.5	530.9	532.9	528.8	531.3	528.8
7.5°	523.0	523.8	525.9	521.7	525.5	528.4	530.9	526.7	529.2	526.7
10°	518.0	519.2	522.1	517.2	521.7	524.2	526.7	522.1	524.6	522.1
12.5°	511.8	513.8	516.3	511.8	516.3	518.4	521.7	517.2	520.1	518.0
15°	504.3	506.4	509.7	505.1	510.9	512.6	515.9	511.3	514.3	512.2
17.5°	495.6	498.1	502.2	496.8	503.5	504.7	508.0	503.9	506.8	504.7
20°	485.6	488.1	492.3	487.3	493.9	494.7	498.5	494.7	497.7	496.4
22.5°	474.0	476.9	481.0	476.5	483.5	483.5	488.1	484.4	487.7	486.4
25°	462.0	465.3	469.8	464.9	472.3	472.3	477.3	473.6	476.9	476.1
27.5°	449.1	452.8	458.2	453.2	460.7	460.3	465.3	462.0	465.7	464.4
30°	435.4	439.5	444.9	440.8	448.7	447.8	452.8	449.9	453.2	452.8
32.5°	420.5	425.0	431.7	427.1	435.0	434.1	440.4	437.1	441.2	440.4
35°	405.5	410.5	417.1	413.0	421.7	420.5	426.7	423.8	427.9	427.5
37.5°	390.2	395.5	402.2	398.9	407.2	405.9	412.6	410.1	414.6	413.4
40°	374.4	379.8	386.8	383.9	392.6	391.0	398.0	396.0	400.5	399.7
42.5°	358.6	364.4	371.5	369.8	378.1	376.5	383.5	381.9	386.4	385.6
45°	342.4	348.6	356.1	354.5	363.2	361.5	368.6	367.3	371.9	371.5
47.5°	326.2	332.9	340.3	339.5	347.8	346.2	353.6	352.4	356.9	356.9
50°	309.6	317.1	324.6	324.2	332.5	330.8	337.4	337.4	342.4	342.0
52.5°	293.0	300.9	308.8	308.8	317.1	315.4	322.9	322.5	327.5	327.5
55°	277.3	284.3	292.2	293.9	301.7	299.3	307.1	308.0	312.1	312.5
57.5°	261.5	269.0	276.8	278.9	286.4	284.7	292.2	293.0	297.2	297.6
60°	245.7	252.8	260.7	263.6	271.0	269.4	276.8	277.7	282.2	282.7
62.5°	229.9	237.0	245.7	248.6	255.7	254.4	262.3	263.1	267.3	268.1
65°	214.6	222.1	230.4	234.5	241.1	239.5	247.4	248.2	252.8	253.2
67.5°	199.6	207.1	215.4	220.0	226.2	225.4	232.8	234.5	238.2	239.1
70°	185.1	192.6	201.3	205.9	212.1	211.7	218.7	220.0	224.1	224.5
72.5°	171.0	178.5	187.2	192.6	198.0	197.6	204.6	206.3	210.4	210.8
75°	157.3	165.2	173.5	179.3	184.7	184.3	191.3	193.0	196.7	197.2
77.5°	144.4	152.3	161.0	166.9	171.4	171.8	178.1	179.7	183.5	184.7
80°	132.4	139.9	148.2	154.4	158.6	159.4	165.2	167.3	170.2	171.8
82.5°	120.8	128.3	136.6	142.4	146.5	147.3	152.7	155.2	158.1	159.4
85°	109.6	117.0	124.9	131.2	134.9	135.3	140.7	143.2	145.7	147.8
87.5°	98.8	106.3	113.7	120.4	123.7	124.5	129.5	132.0	134.1	136.1
90°	88.0	95.5	102.9	109.2	112.5	112.9	118.3	120.8	122.9	124.5
92.5°	78.0	85.5	93.0	99.2	102.1	102.9	107.5	110.4	112.1	113.7
95°	68.5	76.0	82.6	89.2	92.1	93.4	97.5	100.0	102.1	102.9
97.5°	60.2	66.8	73.0	79.7	82.2	83.4	87.6	90.5	92.1	93.0
100°	52.3	58.5	64.3	70.6	73.0	74.3	78.0	80.5	82.2	83.4
102.5°	45.2	51.1	56.4	62.3	64.7	65.6	68.9	71.4	73.0	74.3
105°	39.0	44.4	49.4	54.8	56.9	58.1	61.0	63.1	64.7	65.6
107.5°	33.2	38.6	42.8	47.7	49.8	50.6	53.5	56.0	57.3	57.7
110°	28.2	32.8	36.9	41.1	43.6	44.4	46.9	49.0	50.2	50.6





TEST NUMBER: P894311  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-5000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	23.7	27.8	31.5	35.3	37.4	38.2	40.7	42.8	43.6	44.0
115°	19.5	23.7	26.6	30.3	32.0	32.8	34.9	36.9	37.4	38.2
117.5°	15.8	19.5	22.4	25.3	27.0	27.8	29.5	31.1	32.0	32.4
120°	12.9	15.8	18.3	21.2	22.4	23.2	24.9	26.6	27.0	27.4
122.5°	10.4	12.9	14.9	17.4	18.7	19.5	20.8	22.0	22.4	22.8
125°	7.9	10.4	12.0	14.1	15.4	15.8	17.0	18.3	18.7	19.1
127.5°	6.2	7.9	9.5	11.2	12.0	12.5	13.7	14.5	14.9	15.4
130°	4.6	5.8	7.1	8.7	9.5	10.0	10.8	11.6	12.0	12.0
132.5°	3.3	4.6	5.4	6.6	7.1	7.5	8.3	9.1	9.1	9.5
135°	2.1	2.9	3.7	4.6	5.4	5.4	6.2	6.6	7.1	7.1
137.5°	1.7	2.1	2.5	3.3	3.7	4.2	4.2	5.0	5.0	5.0
140°	1.2	1.7	1.7	2.1	2.5	2.9	2.9	3.3	3.3	3.3
142.5°	0.8	1.2	1.2	1.7	1.7	2.1	2.1	2.1	2.5	2.5
145°	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.7	1.7	1.7
147.5°	0.4	0.4	0.8	0.8	0.8	0.8	0.8	1.2	1.2	1.2
150°	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8	0.8
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	0.0
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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: P894311  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-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	14.90	16.44	15.37	16.90	17.38	16.47	18.01	16.94	18.47	18.95
	3H	16.58	17.98	17.06	18.45	18.98	19.10	20.50	19.58	20.97	21.50
	4H	17.18	18.51	17.68	18.99	19.53	20.41	21.74	20.91	22.22	22.77
	6H	17.57	18.81	18.09	19.31	19.87	21.82	23.06	22.33	23.55	24.11
	8H	17.69	18.88	18.22	19.40	19.96	22.56	23.75	23.09	24.27	24.84
	12H	17.77	18.91	18.30	19.42	20.02	23.41	24.55	23.95	25.07	25.66
4H	2H	15.83	17.16	16.33	17.64	18.19	17.02	18.36	17.53	18.84	19.38
	3H	17.81	18.95	18.33	19.47	20.04	19.94	21.08	20.46	21.60	22.17
	4H	18.59	19.63	19.12	20.16	20.76	21.47	22.51	22.00	23.04	23.64
	6H	19.17	20.09	19.72	20.65	21.26	23.11	24.03	23.66	24.59	25.20
	8H	19.35	20.21	19.91	20.78	21.40	23.99	24.86	24.55	25.42	26.04
	12H	19.47	20.26	20.05	20.85	21.48	24.99	25.78	25.58	26.37	27.00
8H	4H	19.46	20.33	20.03	20.89	21.52	21.83	22.69	22.39	23.26	23.88
	6H	20.35	21.08	20.94	21.69	22.32	23.73	24.47	24.32	25.07	25.70
	8H	20.69	21.36	21.30	21.98	22.62	24.81	25.48	25.42	26.09	26.73
	12H	20.97	21.56	21.57	22.16	22.87	26.08	26.67	26.68	27.28	27.98
12H	4H	19.74	20.53	20.32	21.12	21.75	21.87	22.66	22.45	23.25	23.88
	6H	20.79	21.46	21.40	22.08	22.72	23.84	24.50	24.44	25.12	25.76
	8H	21.31	21.91	21.92	22.51	23.22	25.03	25.63	25.64	26.23	26.94