

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: P894201

Luminaire Tested: 4MB-SC3-FLT-UNV-CC93-LOW-3500K

Issue Date: 11/11/2024

**Test Information**

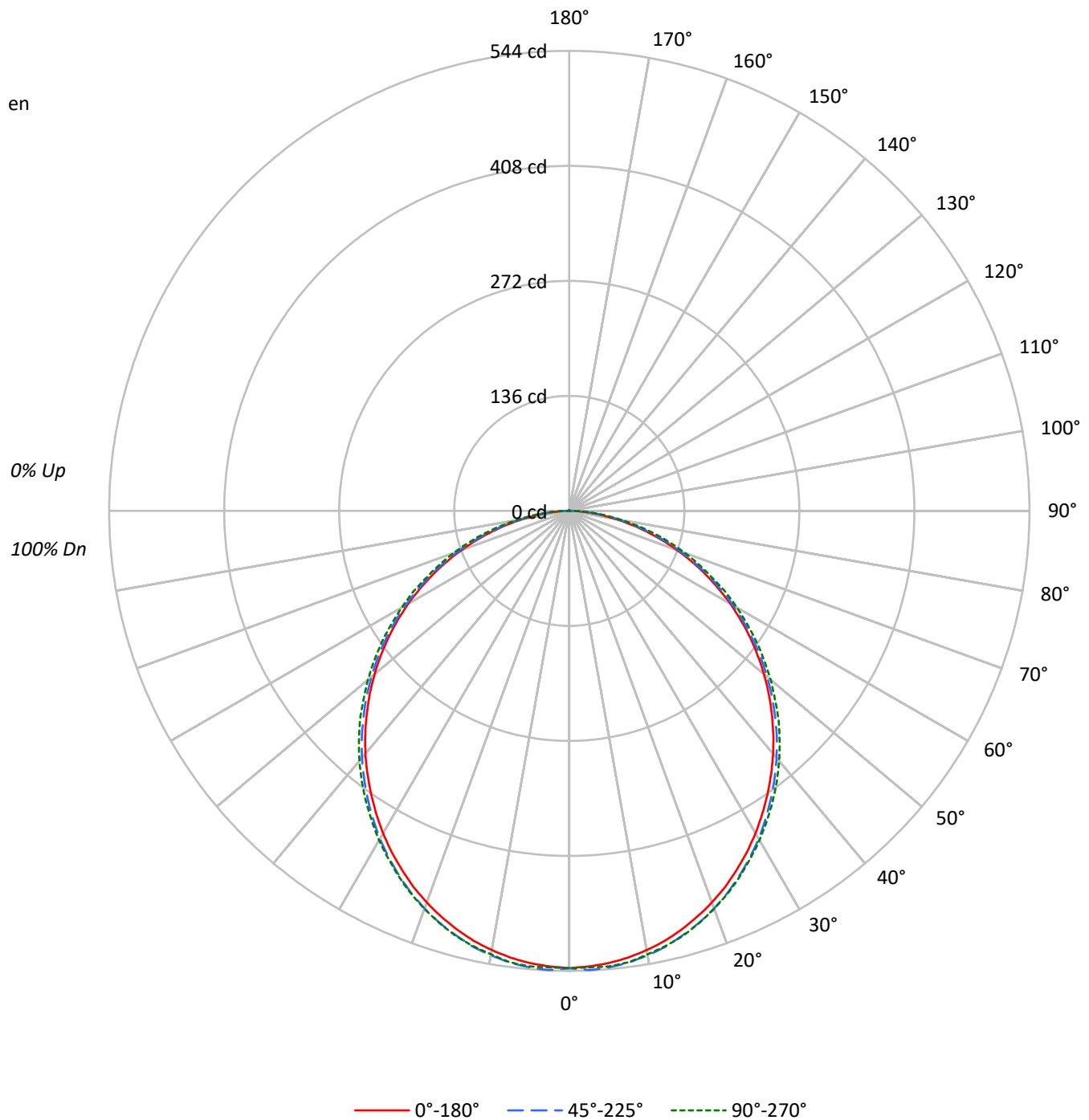
Test Method: LM-79-2019  
Report Number: P894201  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-FLT-UNV-CC93-LOW-3500K  
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 3500K CCT, LOW lum setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1501.0 lumens  
Efficiency: N/A  
Efficacy: 89.9 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): 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: P894201  
CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC93-LOW-3500K

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

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

	0°	45°	90°
0°	3847	3847	3847
5°	3834	3870	3862
10°	3810	3855	3846
15°	3776	3825	3831
20°	3731	3788	3791
25°	3676	3735	3745
30°	3617	3678	3695
35°	3548	3610	3641
40°	3482	3541	3584
45°	3405	3461	3521
50°	3325	3378	3439
55°	3236	3285	3354
60°	3132	3182	3256
65°	2992	3052	3131
70°	2817	2898	3031
75°	2590	2700	2873
80°	2286	2467	2594
85°	1967	2261	2425

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 3521 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.1	3.4
10°-20°	145.7	9.7
20°-30°	218.4	14.5
30°-40°	259.9	17.3
40°-50°	266.6	17.8
50°-60°	238.9	15.9
60°-70°	181.5	12.1
70°-80°	105.5	7.0
80°-90°	31.7	2.1
90°-100°	0.8	0.1
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>415.3</b>	<b>27.7</b>
<b>0°-40°</b>	<b>675.1</b>	<b>45.0</b>
<b>0°-60°</b>	<b>1180.7</b>	<b>78.7</b>
<b>0°-90°</b>	<b>1499.3</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>1501.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	541	541	541	541	541	
5°	537	546	542	539	541	51
15°	513	522	519	519	520	145
25°	468	479	476	475	477	216
35°	408	418	416	417	419	256
45°	338	347	344	347	350	261
55°	261	267	265	268	270	233
65°	178	182	181	184	186	176
75°	94	98	98	102	104	100
85°	24	26	28	30	30	26
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: P894201

CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC93-LOW-3500K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7
2.5°	539.1	538.3	539.1	538.7	542.7	547.4	546.7	543.1	539.1	540.3	543.5
5°	536.8	536.4	537.6	536.8	540.7	545.9	544.3	541.1	537.6	538.7	541.9
7.5°	532.8	532.8	534.4	533.6	537.2	542.3	540.7	537.9	534.4	535.6	538.7
10°	527.3	527.7	529.6	528.4	531.6	537.2	535.6	532.8	529.6	530.4	533.6
12.5°	520.9	520.9	523.3	522.1	525.3	530.4	528.4	526.5	523.3	524.1	527.7
15°	512.6	513.0	515.8	514.6	517.4	522.5	520.5	518.9	516.2	516.6	519.3
17.5°	503.1	504.3	507.1	505.9	508.7	513.8	511.4	509.8	507.5	507.9	510.6
20°	492.8	494.0	496.8	496.0	498.0	503.1	500.7	499.9	497.6	498.0	500.3
22.5°	481.3	482.5	485.7	484.9	486.9	492.0	489.3	488.9	486.5	486.9	488.9
25°	468.3	469.9	473.4	472.6	474.2	479.0	476.6	475.8	474.2	474.2	475.8
27.5°	454.8	456.4	460.4	459.2	460.4	465.5	462.7	462.3	460.8	460.8	462.3
30°	440.2	441.8	446.1	444.9	446.1	450.5	447.7	448.1	446.5	446.5	447.7
32.5°	424.7	425.9	430.7	429.9	430.7	435.0	432.3	432.7	431.1	431.5	431.9
35°	408.5	409.7	414.8	414.0	414.4	418.4	416.4	416.4	415.2	414.8	415.6
37.5°	391.9	393.1	399.4	397.4	397.4	401.4	399.8	399.8	398.6	398.2	398.6
40°	374.9	375.7	382.4	380.4	380.0	383.6	382.4	382.4	381.6	380.8	381.2
42.5°	357.0	358.2	365.0	363.4	361.8	365.8	364.6	365.0	363.8	363.0	363.0
45°	338.4	339.6	346.4	345.6	343.2	346.8	345.6	346.4	344.8	344.0	344.0
47.5°	319.8	321.4	327.8	326.6	324.2	327.8	326.6	327.4	325.8	325.0	325.0
50°	300.4	302.0	308.8	306.8	304.4	308.0	307.2	307.6	306.4	305.6	305.2
52.5°	280.7	282.6	289.0	286.6	284.6	287.8	287.4	287.8	286.2	285.8	285.4
55°	260.9	262.8	268.8	266.0	264.4	267.2	266.4	267.2	265.6	265.2	264.8
57.5°	240.3	242.3	247.8	245.0	243.8	246.2	245.8	246.2	245.0	244.6	244.2
60°	220.1	221.7	226.8	224.0	222.9	225.2	224.4	225.6	224.0	224.0	223.6
62.5°	198.7	200.7	205.8	202.7	201.9	203.9	203.1	204.3	203.5	202.7	202.3
65°	177.7	178.9	183.7	180.9	179.7	182.1	181.7	182.5	181.3	181.7	181.3
67.5°	156.8	157.5	162.3	159.1	158.3	160.7	161.1	160.7	159.9	160.3	159.9
70°	135.4	136.2	140.1	137.4	137.0	138.9	139.7	139.3	138.5	138.9	139.3
72.5°	114.8	115.2	118.8	116.4	116.0	118.4	118.4	118.4	118.4	118.4	119.1
75°	94.2	94.6	97.8	95.8	95.4	97.8	97.8	97.8	97.8	98.6	98.2
77.5°	74.4	74.0	77.2	76.0	75.2	77.6	77.6	78.0	78.8	79.6	78.4
80°	55.8	55.4	57.8	56.2	56.2	58.6	58.2	58.6	59.4	59.8	60.2
82.5°	39.2	38.4	40.4	40.0	39.6	41.6	42.0	41.6	42.8	43.1	43.1
85°	24.1	24.1	25.3	24.5	24.5	26.1	26.1	26.5	27.3	27.7	27.7
87.5°	11.5	11.1	12.3	11.9	11.5	12.7	12.7	13.1	13.5	13.9	13.5
90°	0.4	0.4	0.8	0.8	0.8	1.6	1.6	1.6	2.0	2.0	1.6
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°	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7	540.7
2.5°	538.7	536.0	534.8	535.6	541.1	535.6	541.5	543.5	536.4	540.3
5°	537.2	534.4	532.8	533.6	539.1	534.0	540.3	542.7	536.8	540.7
7.5°	534.0	530.8	530.0	531.2	536.0	531.6	537.9	540.3	534.4	538.3
10°	529.2	526.5	525.7	526.9	531.2	526.9	532.4	534.4	528.8	532.4
12.5°	523.3	520.5	519.7	521.3	525.3	521.3	526.9	528.8	523.3	526.9
15°	515.8	513.0	512.6	515.0	518.6	515.0	520.5	522.1	516.6	520.1
17.5°	506.7	503.9	504.3	507.1	509.8	506.7	511.8	513.4	508.3	511.0
20°	496.8	493.6	494.4	496.8	499.2	496.0	501.1	502.7	498.0	500.7
22.5°	485.3	482.1	482.9	485.7	487.3	484.5	489.3	490.8	486.9	489.7
25°	472.6	469.9	471.0	473.8	475.0	472.6	477.0	478.2	474.6	477.0
27.5°	460.0	456.8	458.4	461.2	461.9	459.6	463.9	464.7	461.2	463.5
30°	445.7	442.5	444.5	447.7	447.7	446.1	449.7	450.5	447.7	449.7
32.5°	429.9	427.5	429.9	432.7	432.3	431.1	434.6	435.4	433.0	434.6
35°	414.0	412.1	414.4	417.2	416.8	415.6	419.2	419.6	417.6	419.2
37.5°	397.8	396.2	398.6	401.0	400.2	399.4	402.6	402.6	401.4	403.0
40°	381.2	379.6	381.6	384.4	382.8	382.8	384.8	385.5	384.4	385.9
42.5°	363.8	362.2	364.6	366.9	365.4	365.0	367.3	367.7	366.9	368.1
45°	345.6	344.0	346.4	348.3	346.8	346.8	348.7	348.7	348.3	349.9
47.5°	327.0	325.8	327.8	329.7	328.2	329.3	329.3	329.3	330.1	329.7
50°	308.0	306.8	308.4	310.7	308.8	309.2	309.9	309.9	310.3	310.7
52.5°	288.2	286.6	288.2	290.9	288.2	289.4	289.8	290.2	291.3	290.5
55°	268.4	266.8	268.4	270.8	268.0	269.6	269.6	270.0	271.2	270.4
57.5°	247.8	246.2	248.6	250.2	247.4	249.0	249.0	249.8	250.6	249.4
60°	227.2	226.0	226.8	229.6	226.8	228.4	228.4	228.4	230.0	228.8
62.5°	206.2	205.4	206.2	208.6	205.8	207.4	207.0	207.4	209.0	208.6
65°	184.9	184.1	184.9	187.2	184.5	186.0	186.0	186.4	187.6	186.0
67.5°	163.9	162.7	163.9	165.9	163.5	164.7	164.7	164.7	166.6	165.9
70°	142.5	141.7	142.5	144.5	142.5	143.3	143.3	143.3	145.3	145.7
72.5°	121.5	121.5	122.3	123.9	122.3	123.9	122.7	121.9	124.7	125.1
75°	100.9	101.3	101.7	103.3	101.7	103.3	102.5	101.7	104.1	104.5
77.5°	81.9	81.9	82.3	83.5	82.3	83.5	82.7	82.7	84.3	83.9
80°	62.5	62.5	62.9	64.1	62.9	64.1	63.3	63.3	64.9	63.3
82.5°	45.5	45.5	45.5	46.7	45.9	46.7	46.3	45.5	47.5	45.9
85°	29.3	29.7	29.7	30.1	29.7	30.1	30.1	29.7	30.9	29.7
87.5°	15.0	15.0	15.0	15.4	15.0	15.0	15.4	15.0	15.8	15.4
90°	2.8	2.4	2.4	3.2	2.8	2.8	3.2	2.4	2.8	2.4
92.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.6	1.6
95°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2
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: P894201  
 CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC93-LOW-3500K

**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: P894201  
 CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC93-LOW-3500K

**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	16.19	17.82	16.55	18.14	18.46	16.32	17.96	16.69	18.28	18.59
	3H	18.01	19.49	18.39	19.82	20.18	18.16	19.64	18.54	19.97	20.33
	4H	18.67	20.07	19.07	20.42	20.80	18.86	20.26	19.26	20.61	20.99
	6H	19.12	20.42	19.54	20.78	21.18	19.42	20.72	19.83	21.08	21.48
	8H	19.26	20.50	19.69	20.89	21.29	19.62	20.85	20.04	21.24	21.64
	12H	19.36	20.54	19.79	20.93	21.36	19.76	20.94	20.19	21.33	21.76
4H	2H	16.82	18.22	17.22	18.57	18.94	16.93	18.33	17.33	18.68	19.05
	3H	18.86	20.03	19.27	20.43	20.84	19.00	20.17	19.41	20.57	20.97
	4H	19.66	20.72	20.09	21.13	21.57	19.84	20.90	20.27	21.32	21.76
	6H	20.23	21.16	20.69	21.60	22.06	20.53	21.46	20.99	21.90	22.36
	8H	20.42	21.29	20.88	21.73	22.20	20.78	21.65	21.24	22.09	22.56
	12H	20.56	21.35	21.05	21.82	22.29	20.97	21.75	21.45	22.23	22.70
8H	4H	19.99	20.85	20.45	21.30	21.77	20.15	21.02	20.61	21.46	21.93
	6H	20.69	21.41	21.18	21.90	22.38	20.98	21.70	21.47	22.19	22.67
	8H	20.95	21.60	21.46	22.11	22.60	21.31	21.96	21.82	22.46	22.95
	12H	21.17	21.74	21.67	22.23	22.80	21.59	22.17	22.10	22.66	23.22
12H	4H	20.03	20.81	20.51	21.29	21.76	20.18	20.97	20.66	21.44	21.91
	6H	20.76	21.41	21.27	21.92	22.41	21.03	21.68	21.54	22.19	22.68
	8H	21.08	21.66	21.59	22.15	22.71	21.43	22.00	21.93	22.49	23.06