

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: P894310

Luminaire Tested: 4MB-SC3-RND-UNV-CC93-LOW-4000K

Issue Date: 11/11/2024

**Test Information**

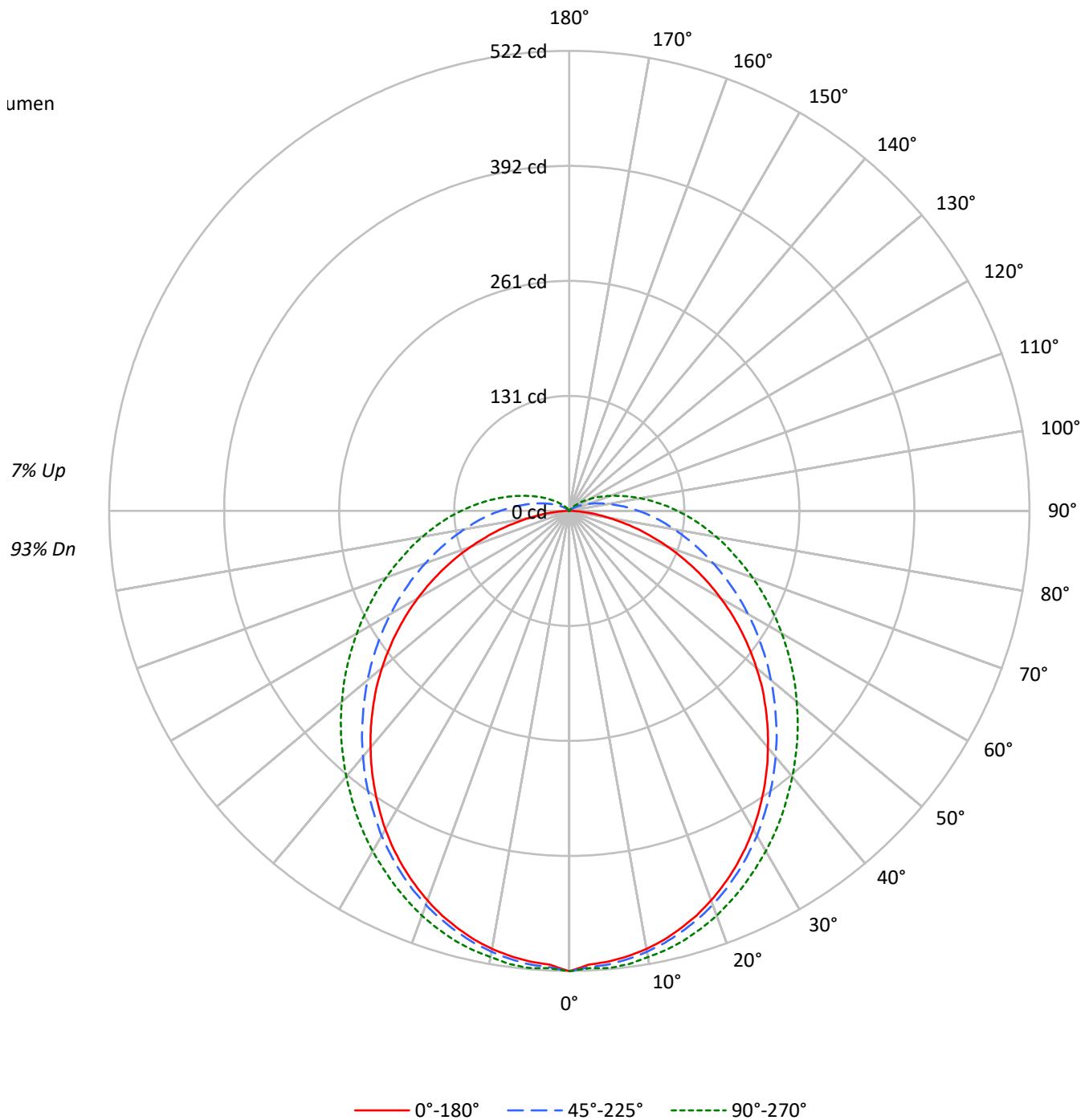
Test Method: LM-79-2019  
Report Number: P894310  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-RND-UNV-CC93-LOW-4000K  
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 4000K CCT, LOW I setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1729.0 lumens  
Efficiency: N/A  
Efficacy: 103.5 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: P894310  
CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-4000K

### 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°	3716	3716	3716
5°	3666	3690	3719
10°	3646	3670	3714
15°	3609	3640	3715
20°	3562	3602	3701
25°	3501	3552	3680
30°	3428	3498	3663
35°	3344	3436	3656
40°	3256	3382	3656
45°	3167	3335	3681
50°	3067	3306	3727
55°	2956	3300	3817
60°	2826	3333	3960
65°	2670	3419	4197
70°	2473	3613	4600
75°	2235	4022	5336
80°	1893	4958	6933
85°	1535	8074	11878

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 21857 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.4	2.9
10°-20°	140.7	8.1
20°-30°	210.7	12.2
30°-40°	251.3	14.5
40°-50°	260.6	15.1
50°-60°	241.8	14.0
60°-70°	201.7	11.7
70°-80°	150.4	8.7
80°-90°	100.1	5.8
90°-100°	61.0	3.5
100°-110°	34.0	2.0
110°-120°	17.0	1.0
120°-130°	7.1	0.4
130°-140°	2.2	0.1
140°-150°	0.5	0.0
150°-160°	0.2	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	400.9	23.2
0°-40°	652.1	37.7
0°-60°	1154.5	66.8
0°-90°	1606.6	92.9
90°-120°	112.0	6.5
90°-150°	121.9	7.0
90°-180°	122.0	7.1
0°-180°	1729.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	522	522	522	522	522	
5°	513	525	517	519	521	49
15°	490	503	494	503	504	138
25°	446	458	452	465	469	205
35°	385	395	396	415	421	241
45°	315	323	331	358	366	243
55°	238	246	266	297	308	213
65°	159	171	203	237	249	157
75°	81	104	146	182	194	86
85°	19	52	99	133	146	21
90°	1	34	78	111	123	1
95°	0	21	60	91	101	0
105°	0	6	33	56	65	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: P894310  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-4000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3
2.5°	515.3	516.2	523.5	523.1	521.9	526.8	528.0	523.9	517.4	523.9	518.2
5°	513.3	514.1	521.5	521.1	519.8	525.1	525.6	521.9	515.3	521.9	516.6
7.5°	509.6	510.4	517.8	517.4	516.6	521.9	521.5	518.6	511.7	518.6	512.9
10°	504.7	505.1	512.9	512.1	511.7	517.0	515.7	513.3	506.3	513.3	508.0
12.5°	498.2	498.6	506.3	505.5	505.5	510.4	508.8	506.8	499.8	506.3	501.9
15°	490.0	490.4	497.8	497.4	497.4	502.7	500.2	498.6	492.0	499.0	494.1
17.5°	481.0	480.6	488.4	487.5	488.4	493.3	490.0	489.2	483.1	489.6	485.5
20°	470.4	470.4	477.3	476.9	478.1	482.6	478.6	479.0	472.8	479.8	475.7
22.5°	458.5	458.1	465.1	465.1	466.3	470.8	466.3	467.5	461.4	467.9	464.7
25°	445.9	445.0	452.0	452.0	454.0	457.7	452.8	454.4	448.7	455.3	452.4
27.5°	432.0	430.7	437.7	438.1	439.7	443.4	438.1	440.6	435.2	441.4	439.3
30°	417.3	416.0	423.0	423.4	425.4	428.3	423.0	426.2	421.3	427.5	425.8
32.5°	401.3	400.5	407.0	407.9	409.9	411.9	407.0	410.3	406.2	412.4	410.7
35°	385.0	384.2	390.3	391.5	393.6	395.2	389.9	394.4	390.7	396.4	395.6
37.5°	368.2	367.0	373.5	374.3	376.8	377.6	372.7	378.0	374.8	380.5	380.1
40°	350.6	349.4	356.0	356.8	359.2	359.2	355.1	360.9	358.4	363.7	364.1
42.5°	333.1	331.8	337.6	339.2	341.2	341.2	337.2	343.3	341.7	347.0	348.2
45°	314.7	313.5	318.8	320.4	322.9	322.9	318.8	325.7	324.5	329.8	331.4
47.5°	296.7	295.1	300.0	301.6	304.1	303.6	300.4	307.3	306.9	312.2	315.1
50°	277.1	275.9	280.8	282.4	285.3	284.4	282.0	289.3	289.3	294.7	298.7
52.5°	257.9	256.6	261.6	263.2	265.6	265.6	263.2	271.0	272.2	277.5	282.4
55°	238.3	236.6	241.5	243.2	246.0	246.4	244.4	252.2	254.6	260.7	266.0
57.5°	218.6	217.8	221.9	223.5	227.2	227.2	226.0	234.2	237.4	244.0	250.1
60°	198.6	197.8	201.5	203.5	207.6	208.4	207.6	216.2	220.7	227.2	234.2
62.5°	178.6	177.8	181.5	184.3	188.8	189.6	190.0	199.0	203.9	210.9	218.6
65°	158.6	157.7	161.4	164.7	170.0	171.2	172.5	181.9	187.6	194.9	203.1
67.5°	138.5	138.1	141.8	145.9	151.6	153.3	155.3	165.1	171.6	179.4	188.4
70°	118.9	118.5	122.2	127.1	134.0	136.1	138.5	148.3	156.5	164.7	173.7
72.5°	99.3	99.7	103.8	109.5	117.3	119.3	122.6	132.8	141.8	150.4	159.8
75°	81.3	81.3	85.8	92.4	100.9	103.8	107.5	118.1	127.5	136.5	146.3
77.5°	62.9	62.9	68.2	76.4	85.8	88.7	93.2	104.2	114.4	123.4	133.2
80°	46.2	47.0	53.1	61.3	71.1	74.8	80.1	91.1	102.2	111.2	121.0
82.5°	31.5	32.7	39.2	48.6	58.4	62.1	67.4	79.3	90.3	99.7	109.9
85°	18.8	20.8	27.8	37.2	47.4	51.5	57.2	68.2	79.3	88.7	98.9
87.5°	8.6	11.4	18.8	28.2	38.0	42.5	47.4	58.0	69.1	78.5	89.1
90°	0.8	4.9	12.3	20.4	29.8	33.9	38.8	49.0	59.7	68.2	78.5
92.5°	0.0	2.0	7.4	14.7	22.9	27.0	31.5	41.3	50.7	59.3	69.1
95°	0.0	0.8	4.1	10.2	17.2	20.8	24.9	33.9	43.3	51.5	60.5
97.5°	0.0	0.4	2.5	6.9	12.7	15.9	19.6	27.8	36.4	44.1	52.3
100°	0.0	0.4	1.2	4.5	9.4	11.9	15.5	22.5	30.2	37.2	45.4
102.5°	0.0	0.0	0.8	2.9	6.9	9.0	11.9	18.0	24.9	31.5	38.8
105°	0.0	0.0	0.4	2.0	4.9	6.5	9.0	14.3	20.4	26.2	33.1
107.5°	0.0	0.0	0.4	1.2	3.3	4.9	6.9	11.0	16.3	21.7	27.8
110°	0.4	0.4	0.4	0.8	2.5	3.7	4.9	8.6	13.5	18.0	23.3



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 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-4000K

**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	1.6	2.5	3.7	6.5	10.6	14.3	19.2
115°	0.4	0.4	0.4	0.4	1.2	1.6	2.5	4.9	8.2	11.4	15.5
117.5°	0.4	0.4	0.4	0.4	0.8	1.2	1.6	3.7	6.1	9.0	12.7
120°	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.5	4.9	6.9	10.2
122.5°	0.4	0.4	0.4	0.4	0.4	0.8	0.8	2.0	3.7	5.3	7.8
125°	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.5	4.1	6.1
127.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.6	2.9	4.5
130°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	2.0	3.3
132.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.6	2.5
135°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	1.2	1.6
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°	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3	522.3
2.5°	519.8	521.1	522.3	519.0	521.1	524.7	526.0	521.1	522.7	519.4
5°	518.2	519.0	520.7	516.6	519.4	522.7	524.7	520.7	523.1	520.7
7.5°	514.9	515.7	517.8	513.7	517.4	520.2	522.7	518.6	521.1	518.6
10°	510.0	511.3	514.1	509.2	513.7	516.2	518.6	514.1	516.6	514.1
12.5°	503.9	505.9	508.4	503.9	508.4	510.4	513.7	509.2	512.1	510.0
15°	496.5	498.6	501.9	497.4	503.1	504.7	508.0	503.5	506.3	504.3
17.5°	488.0	490.4	494.5	489.2	495.7	496.9	500.2	496.1	499.0	496.9
20°	478.1	480.6	484.7	479.8	486.3	487.1	490.8	487.1	490.0	488.8
22.5°	466.7	469.6	473.7	469.2	476.1	476.1	480.6	476.9	480.2	479.0
25°	454.9	458.1	462.6	457.7	465.1	465.1	470.0	466.3	469.6	468.7
27.5°	442.2	445.9	451.2	446.3	453.6	453.2	458.1	454.9	458.5	457.3
30°	428.7	432.8	438.1	434.0	441.8	441.0	445.9	443.0	446.3	445.9
32.5°	414.0	418.5	425.0	420.5	428.3	427.5	433.6	430.3	434.4	433.6
35°	399.3	404.2	410.7	406.6	415.2	414.0	420.1	417.3	421.3	420.9
37.5°	384.2	389.5	396.0	392.7	400.9	399.7	406.2	403.8	408.3	407.0
40°	368.6	373.9	380.9	378.0	386.6	385.0	391.9	389.9	394.4	393.6
42.5°	353.1	358.8	365.8	364.1	372.3	370.7	377.6	376.0	380.5	379.7
45°	337.2	343.3	350.6	349.0	357.6	356.0	362.9	361.7	366.2	365.8
47.5°	321.2	327.8	335.1	334.3	342.5	340.8	348.2	347.0	351.5	351.5
50°	304.9	312.2	319.6	319.2	327.3	325.7	332.3	332.3	337.2	336.7
52.5°	288.5	296.3	304.1	304.1	312.2	310.6	317.9	317.5	322.4	322.4
55°	273.0	279.9	287.7	289.3	297.1	294.7	302.4	303.2	307.3	307.7
57.5°	257.5	264.8	272.6	274.6	282.0	280.4	287.7	288.5	292.6	293.0
60°	241.9	248.9	256.6	259.5	266.9	265.2	272.6	273.4	277.9	278.3
62.5°	226.4	233.4	241.9	244.8	251.7	250.5	258.3	259.1	263.2	264.0
65°	211.3	218.6	226.8	230.9	237.4	235.8	243.6	244.4	248.9	249.3
67.5°	196.6	203.9	212.1	216.6	222.7	221.9	229.3	230.9	234.6	235.4
70°	182.3	189.6	198.2	202.7	208.8	208.4	215.4	216.6	220.7	221.1
72.5°	168.4	175.7	184.3	189.6	194.9	194.5	201.5	203.1	207.2	207.6
75°	154.9	162.7	170.8	176.5	181.9	181.5	188.4	190.0	193.7	194.1
77.5°	142.2	150.0	158.6	164.3	168.8	169.2	175.3	177.0	180.6	181.9
80°	130.4	137.7	145.9	152.0	156.1	156.9	162.7	164.7	167.6	169.2
82.5°	118.9	126.3	134.5	140.2	144.3	145.1	150.4	152.8	155.7	156.9
85°	107.9	115.2	123.0	129.1	132.8	133.2	138.5	141.0	143.4	145.5
87.5°	97.3	104.6	112.0	118.5	121.8	122.6	127.5	130.0	132.0	134.0
90°	86.6	94.0	101.4	107.5	110.8	111.2	116.5	118.9	121.0	122.6
92.5°	76.8	84.2	91.5	97.7	100.5	101.4	105.8	108.7	110.3	112.0
95°	67.4	74.8	81.3	87.9	90.7	92.0	96.0	98.5	100.5	101.4
97.5°	59.3	65.8	71.9	78.5	80.9	82.1	86.2	89.1	90.7	91.5
100°	51.5	57.6	63.3	69.5	71.9	73.2	76.8	79.3	80.9	82.1
102.5°	44.5	50.3	55.6	61.3	63.8	64.6	67.8	70.3	71.9	73.2
105°	38.4	43.7	48.6	53.9	56.0	57.2	60.1	62.1	63.8	64.6
107.5°	32.7	38.0	42.1	47.0	49.0	49.9	52.7	55.2	56.4	56.8
110°	27.8	32.3	36.4	40.5	42.9	43.7	46.2	48.2	49.4	49.9





TEST NUMBER: P894310  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC93-LOW-4000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	23.3	27.4	31.1	34.7	36.8	37.6	40.1	42.1	42.9	43.3
115°	19.2	23.3	26.2	29.8	31.5	32.3	34.3	36.4	36.8	37.6
117.5°	15.5	19.2	22.1	24.9	26.6	27.4	29.0	30.7	31.5	31.9
120°	12.7	15.5	18.0	20.8	22.1	22.9	24.5	26.2	26.6	27.0
122.5°	10.2	12.7	14.7	17.2	18.4	19.2	20.4	21.7	22.1	22.5
125°	7.8	10.2	11.9	13.9	15.1	15.5	16.8	18.0	18.4	18.8
127.5°	6.1	7.8	9.4	11.0	11.9	12.3	13.5	14.3	14.7	15.1
130°	4.5	5.7	6.9	8.6	9.4	9.8	10.6	11.4	11.9	11.9
132.5°	3.3	4.5	5.3	6.5	6.9	7.4	8.2	9.0	9.0	9.4
135°	2.0	2.9	3.7	4.5	5.3	5.3	6.1	6.5	6.9	6.9
137.5°	1.6	2.0	2.5	3.3	3.7	4.1	4.1	4.9	4.9	4.9
140°	1.2	1.6	1.6	2.0	2.5	2.9	2.9	3.3	3.3	3.3
142.5°	0.8	1.2	1.2	1.6	1.6	2.0	2.0	2.0	2.5	2.5
145°	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.6	1.6	1.6
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: P894310  
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**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	14.85	16.38	15.32	16.84	17.33	16.42	17.96	16.89	18.41	18.90
	3H	16.52	17.93	17.01	18.39	18.92	19.05	20.45	19.53	20.92	21.44
	4H	17.12	18.45	17.63	18.94	19.48	20.36	21.69	20.86	22.17	22.71
	6H	17.52	18.76	18.04	19.26	19.81	21.76	23.00	22.28	23.50	24.06
	8H	17.64	18.82	18.17	19.35	19.91	22.51	23.70	23.04	24.22	24.78
	12H	17.71	18.85	18.25	19.37	19.96	23.36	24.50	23.90	25.02	25.61
4H	2H	15.78	17.11	16.28	17.59	18.13	16.97	18.30	17.48	18.79	19.33
	3H	17.75	18.89	18.27	19.42	19.98	19.89	21.02	20.40	21.55	22.11
	4H	18.53	19.57	19.07	20.11	20.70	21.41	22.45	21.95	22.99	23.59
	6H	19.11	20.03	19.67	20.59	21.20	23.05	23.98	23.61	24.54	25.15
	8H	19.29	20.16	19.85	20.72	21.34	23.94	24.80	24.50	25.37	25.99
	12H	19.42	20.20	20.00	20.80	21.42	24.94	25.73	25.52	26.32	26.95
8H	4H	19.41	20.28	19.97	20.84	21.46	21.77	22.64	22.33	23.20	23.83
	6H	20.29	21.03	20.88	21.63	22.26	23.67	24.41	24.27	25.02	25.64
	8H	20.64	21.30	21.24	21.92	22.56	24.76	25.42	25.36	26.04	26.68
	12H	20.91	21.51	21.52	22.11	22.82	26.02	26.62	26.63	27.22	27.93
12H	4H	19.69	20.47	20.27	21.07	21.69	21.81	22.60	22.40	23.19	23.82
	6H	20.74	21.41	21.35	22.02	22.66	23.78	24.45	24.39	25.07	25.71
	8H	21.26	21.85	21.87	22.46	23.16	24.98	25.58	25.59	26.18	26.89