

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: P894300

Luminaire Tested: 4MB-SC3-RND-UNV-CC83-LOW-3500K

Issue Date: 11/11/2024

**Test Information**

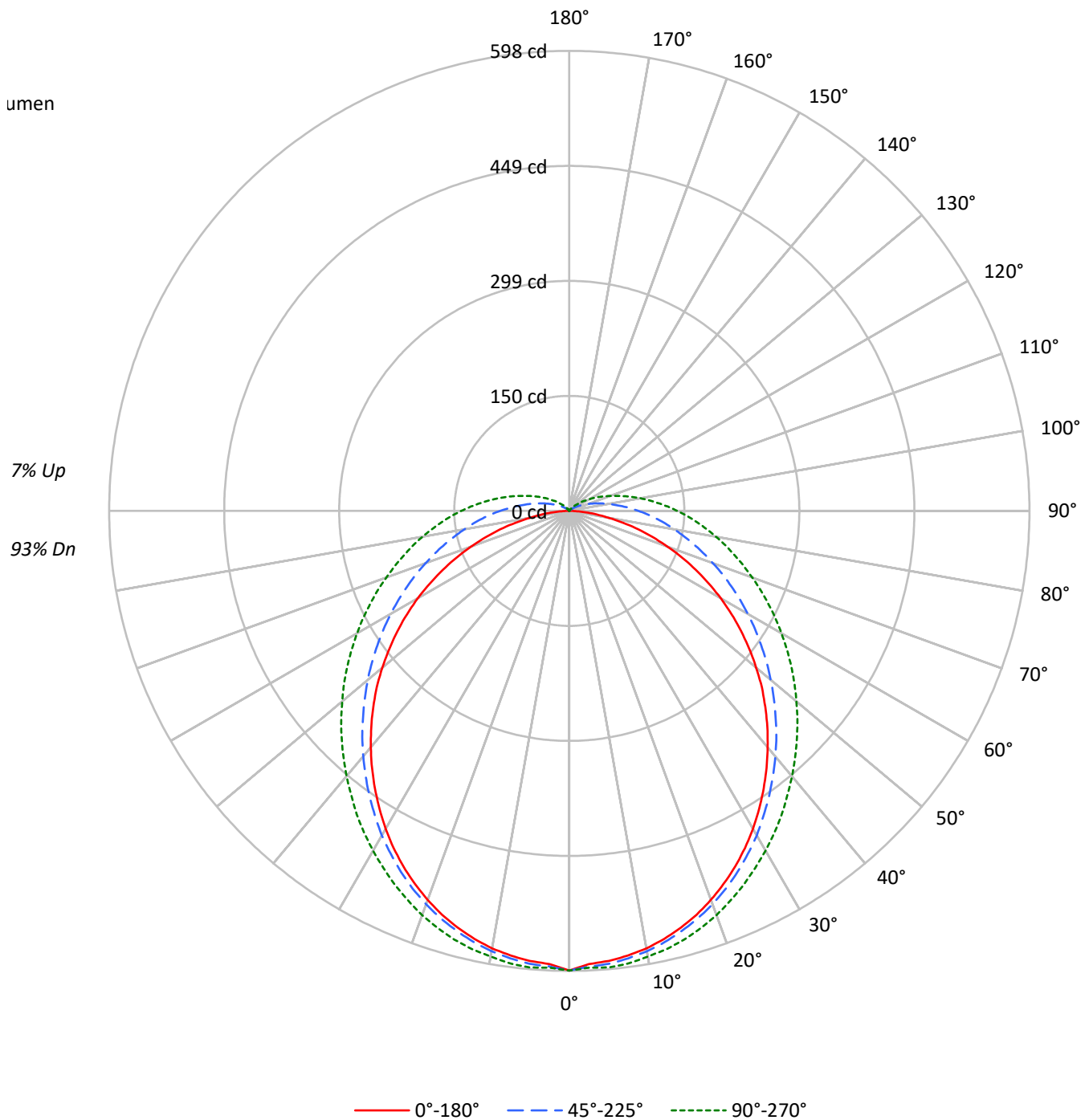
Test Method: LM-79-2019  
Report Number: P894300  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-RND-UNV-CC83-LOW-3500K  
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3500K CCT, LOW I setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1978.0 lumens  
Efficiency: N/A  
Efficacy: 118.4 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: P894300  
CATALOG NUMBER: 4MB-SC3-RND-UNV-CC83-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	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°	4251	4251	4251
5°	4194	4221	4254
10°	4172	4198	4250
15°	4129	4163	4249
20°	4074	4120	4234
25°	4005	4063	4210
30°	3921	4003	4191
35°	3825	3931	4183
40°	3725	3869	4181
45°	3622	3816	4210
50°	3509	3783	4264
55°	3381	3776	4366
60°	3233	3812	4531
65°	3054	3913	4801
70°	2831	4134	5261
75°	2557	4602	6106
80°	2163	5671	7932
85°	1755	9233	13584

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 25006 cd/sqm



TEST NUMBER: P894300

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.5	2.9
10°-20°	161.0	8.1
20°-30°	241.1	12.2
30°-40°	287.4	14.5
40°-50°	298.1	15.1
50°-60°	276.6	14.0
60°-70°	230.7	11.7
70°-80°	172.0	8.7
80°-90°	114.5	5.8
90°-100°	69.7	3.5
100°-110°	38.9	2.0
110°-120°	19.5	1.0
120°-130°	8.1	0.4
130°-140°	2.6	0.1
140°-150°	0.6	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	458.6	23.2
0°-40°	746.0	37.7
0°-60°	1320.7	66.8
0°-90°	1838.0	92.9
90°-120°	128.1	6.5
90°-150°	139.5	7.1
90°-180°	140.0	7.1
0°-180°	1978.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	598	598	598	598	598	
5°	587	601	591	594	596	56
15°	561	575	565	576	577	158
25°	510	524	518	532	536	235
35°	440	452	453	475	482	275
45°	360	369	379	409	418	278
55°	273	282	304	340	352	244
65°	181	196	232	272	285	180
75°	93	119	167	208	222	98
85°	22	59	113	152	166	24
90°	1	39	90	127	140	2
95°	0	24	69	104	116	0
105°	0	8	38	64	74	0
115°	0	2	18	36	43	0
125°	0	0	7	17	22	0
135°	0	0	2	6	8	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: P894300  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC83-LOW-3500K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5
2.5°	589.6	590.5	598.9	598.4	597.0	602.6	604.0	599.4	591.9	599.4	592.8
5°	587.2	588.2	596.6	596.1	594.7	600.8	601.2	597.0	589.6	597.0	591.0
7.5°	583.0	583.9	592.4	591.9	591.0	597.0	596.6	593.3	585.3	593.3	586.7
10°	577.4	577.9	586.7	585.8	585.3	591.4	590.0	587.2	579.3	587.2	581.1
12.5°	569.9	570.4	579.3	578.3	578.3	583.9	582.1	579.7	571.8	579.3	574.1
15°	560.6	561.0	569.5	569.0	569.0	575.1	572.3	570.4	562.9	570.9	565.2
17.5°	550.3	549.8	558.7	557.8	558.7	564.3	560.6	559.6	552.6	560.1	555.4
20°	538.1	538.1	546.1	545.6	547.0	552.2	547.5	547.9	540.9	548.9	544.2
22.5°	524.6	524.1	532.0	532.0	533.5	538.6	533.5	534.9	527.8	535.3	531.6
25°	510.1	509.1	517.1	517.1	519.4	523.6	518.0	519.9	513.3	520.8	517.6
27.5°	494.2	492.8	500.7	501.2	503.1	507.3	501.2	504.0	497.9	504.9	502.6
30°	477.3	475.9	483.9	484.4	486.7	490.0	483.9	487.6	482.0	489.0	487.2
32.5°	459.1	458.2	465.7	466.6	468.9	471.3	465.7	469.4	464.7	471.7	469.9
35°	440.4	439.5	446.5	447.9	450.2	452.1	446.0	451.2	447.0	453.5	452.6
37.5°	421.2	419.8	427.3	428.3	431.1	432.0	426.4	432.5	428.7	435.3	434.8
40°	401.1	399.7	407.2	408.2	411.0	411.0	406.3	412.8	410.0	416.1	416.6
42.5°	381.0	379.6	386.2	388.0	390.4	390.4	385.7	392.7	390.9	396.9	398.3
45°	360.0	358.6	364.7	366.5	369.3	369.3	364.7	372.6	371.2	377.3	379.2
47.5°	339.4	337.6	343.2	345.0	347.8	347.4	343.6	351.6	351.1	357.2	360.5
50°	317.0	315.6	321.2	323.1	326.3	325.4	322.6	331.0	331.0	337.1	341.8
52.5°	295.0	293.6	299.2	301.1	303.9	303.9	301.1	310.0	311.4	317.5	323.1
55°	272.6	270.7	276.3	278.2	281.5	281.9	279.6	288.5	291.3	298.3	304.4
57.5°	250.1	249.2	253.9	255.7	259.9	259.9	258.5	267.9	271.6	279.1	286.1
60°	227.2	226.3	230.5	232.8	237.5	238.4	237.5	247.3	252.5	259.9	267.9
62.5°	204.3	203.4	207.6	210.9	216.0	216.9	217.4	227.7	233.3	241.2	250.1
65°	181.4	180.5	184.7	188.4	194.5	195.9	197.3	208.1	214.6	223.0	232.4
67.5°	158.5	158.0	162.2	166.9	173.5	175.3	177.7	188.9	196.4	205.2	215.5
70°	136.1	135.6	139.8	145.4	153.3	155.7	158.5	169.7	179.1	188.4	198.7
72.5°	113.6	114.1	118.8	125.3	134.2	136.5	140.3	151.9	162.2	172.1	182.8
75°	93.0	93.0	98.2	105.7	115.5	118.8	123.0	135.1	145.9	156.2	167.4
77.5°	72.0	72.0	78.1	87.4	98.2	101.5	106.6	119.2	130.9	141.2	152.4
80°	52.8	53.8	60.8	70.1	81.4	85.6	91.6	104.3	116.9	127.2	138.4
82.5°	36.0	37.4	44.9	55.6	66.9	71.1	77.1	90.7	103.3	114.1	125.8
85°	21.5	23.8	31.8	42.5	54.2	58.9	65.5	78.1	90.7	101.5	113.1
87.5°	9.8	13.1	21.5	32.3	43.5	48.6	54.2	66.4	79.0	89.8	101.9
90°	0.9	5.6	14.0	23.4	34.1	38.8	44.4	56.1	68.3	78.1	89.8
92.5°	0.0	2.3	8.4	16.8	26.2	30.9	36.0	47.2	58.0	67.8	79.0
95°	0.0	0.9	4.7	11.7	19.6	23.8	28.5	38.8	49.6	58.9	69.2
97.5°	0.0	0.5	2.8	7.9	14.5	18.2	22.4	31.8	41.6	50.5	59.8
100°	0.0	0.5	1.4	5.1	10.8	13.6	17.8	25.7	34.6	42.5	51.9
102.5°	0.0	0.0	0.9	3.3	7.9	10.3	13.6	20.6	28.5	36.0	44.4
105°	0.0	0.0	0.5	2.3	5.6	7.5	10.3	16.4	23.4	29.9	37.9
107.5°	0.0	0.0	0.5	1.4	3.7	5.6	7.9	12.6	18.7	24.8	31.8
110°	0.5	0.5	0.5	0.9	2.8	4.2	5.6	9.8	15.4	20.6	26.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.5	0.5	0.5	0.5	1.9	2.8	4.2	7.5	12.2	16.4	22.0
115°	0.5	0.5	0.5	0.5	1.4	1.9	2.8	5.6	9.4	13.1	17.8
117.5°	0.5	0.5	0.5	0.5	0.9	1.4	1.9	4.2	7.0	10.3	14.5
120°	0.5	0.5	0.5	0.5	0.5	0.9	1.4	2.8	5.6	7.9	11.7
122.5°	0.5	0.5	0.5	0.5	0.5	0.9	0.9	2.3	4.2	6.1	8.9
125°	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	2.8	4.7	7.0
127.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	1.9	3.3	5.1
130°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	2.3	3.7
132.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	1.9	2.8
135°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	1.9
137.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9	1.4
140°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9
142.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
145°	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
147.5°	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
150°	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
152.5°	0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.5	0.5	0.5
157.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.5
160°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.5
162.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.5	0.5
165°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5	0.5
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.5
175°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
177.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5	597.5
2.5°	594.7	596.1	597.5	593.8	596.1	600.3	601.7	596.1	598.0	594.2
5°	592.8	593.8	595.6	591.0	594.2	598.0	600.3	595.6	598.4	595.6
7.5°	589.1	590.0	592.4	587.7	591.9	595.2	598.0	593.3	596.1	593.3
10°	583.5	584.9	588.2	582.5	587.7	590.5	593.3	588.2	591.0	588.2
12.5°	576.5	578.8	581.6	576.5	581.6	583.9	587.7	582.5	585.8	583.5
15°	568.0	570.4	574.1	569.0	575.5	577.4	581.1	576.0	579.3	576.9
17.5°	558.2	561.0	565.7	559.6	567.1	568.5	572.3	567.6	570.9	568.5
20°	547.0	549.8	554.5	548.9	556.4	557.3	561.5	557.3	560.6	559.2
22.5°	533.9	537.2	541.9	536.7	544.7	544.7	549.8	545.6	549.3	547.9
25°	520.4	524.1	529.2	523.6	532.0	532.0	537.7	533.5	537.2	536.3
27.5°	505.9	510.1	516.2	510.5	519.0	518.5	524.1	520.4	524.6	523.2
30°	490.4	495.1	501.2	496.5	505.4	504.5	510.1	506.8	510.5	510.1
32.5°	473.6	478.7	486.2	481.1	490.0	489.0	496.0	492.3	497.0	496.0
35°	456.8	462.4	469.9	465.2	475.0	473.6	480.6	477.3	482.0	481.6
37.5°	439.5	445.6	453.0	449.3	458.6	457.2	464.7	461.9	467.1	465.7
40°	421.7	427.8	435.7	432.5	442.3	440.4	448.4	446.0	451.2	450.2
42.5°	403.9	410.5	418.4	416.6	425.9	424.0	432.0	430.1	435.3	434.3
45°	385.7	392.7	401.1	399.3	409.1	407.2	415.2	413.8	418.9	418.4
47.5°	367.5	375.0	383.4	382.4	391.8	389.9	398.3	396.9	402.1	402.1
50°	348.8	357.2	365.6	365.1	374.5	372.6	380.1	380.1	385.7	385.2
52.5°	330.1	339.0	347.8	347.8	357.2	355.3	363.7	363.3	368.9	368.9
55°	312.3	320.3	329.1	331.0	339.9	337.1	346.0	346.9	351.6	352.0
57.5°	294.5	303.0	311.8	314.2	322.6	320.7	329.1	330.1	334.8	335.2
60°	276.8	284.7	293.6	296.9	305.3	303.4	311.8	312.8	317.9	318.4
62.5°	259.0	267.0	276.8	280.0	288.0	286.6	295.5	296.4	301.1	302.0
65°	241.7	250.1	259.5	264.2	271.6	269.8	278.6	279.6	284.7	285.2
67.5°	224.9	233.3	242.6	247.8	254.8	253.9	262.3	264.2	268.4	269.3
70°	208.5	216.9	226.8	231.9	238.9	238.4	246.4	247.8	252.5	252.9
72.5°	192.6	201.0	210.9	216.9	223.0	222.5	230.5	232.4	237.0	237.5
75°	177.2	186.1	195.4	202.0	208.1	207.6	215.5	217.4	221.6	222.1
77.5°	162.7	171.6	181.4	187.9	193.1	193.6	200.6	202.4	206.6	208.1
80°	149.1	157.6	166.9	173.9	178.6	179.5	186.1	188.4	191.7	193.6
82.5°	136.1	144.5	153.8	160.4	165.0	166.0	172.1	174.9	178.1	179.5
85°	123.4	131.8	140.7	147.7	151.9	152.4	158.5	161.3	164.1	166.4
87.5°	111.3	119.7	128.1	135.6	139.3	140.3	145.9	148.7	151.0	153.3
90°	99.1	107.5	115.9	123.0	126.7	127.2	133.2	136.1	138.4	140.3
92.5°	87.9	96.3	104.7	111.7	115.0	115.9	121.1	124.4	126.2	128.1
95°	77.1	85.6	93.0	100.5	103.8	105.2	109.9	112.7	115.0	115.9
97.5°	67.8	75.3	82.3	89.8	92.6	94.0	98.6	101.9	103.8	104.7
100°	58.9	65.9	72.5	79.5	82.3	83.7	87.9	90.7	92.6	94.0
102.5°	51.0	57.5	63.6	70.1	72.9	73.9	77.6	80.4	82.3	83.7
105°	43.9	50.0	55.6	61.7	64.1	65.5	68.7	71.1	72.9	73.9
107.5°	37.4	43.5	48.2	53.8	56.1	57.0	60.3	63.1	64.5	65.0
110°	31.8	36.9	41.6	46.3	49.1	50.0	52.8	55.2	56.6	57.0





TEST NUMBER: P894300  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC83-LOW-3500K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	26.6	31.3	35.5	39.7	42.1	43.0	45.8	48.2	49.1	49.6
115°	22.0	26.6	29.9	34.1	36.0	36.9	39.3	41.6	42.1	43.0
117.5°	17.8	22.0	25.2	28.5	30.4	31.3	33.2	35.1	36.0	36.5
120°	14.5	17.8	20.6	23.8	25.2	26.2	28.1	29.9	30.4	30.9
122.5°	11.7	14.5	16.8	19.6	21.0	22.0	23.4	24.8	25.2	25.7
125°	8.9	11.7	13.6	15.9	17.3	17.8	19.2	20.6	21.0	21.5
127.5°	7.0	8.9	10.8	12.6	13.6	14.0	15.4	16.4	16.8	17.3
130°	5.1	6.5	7.9	9.8	10.8	11.2	12.2	13.1	13.6	13.6
132.5°	3.7	5.1	6.1	7.5	7.9	8.4	9.4	10.3	10.3	10.8
135°	2.3	3.3	4.2	5.1	6.1	6.1	7.0	7.5	7.9	7.9
137.5°	1.9	2.3	2.8	3.7	4.2	4.7	4.7	5.6	5.6	5.6
140°	1.4	1.9	1.9	2.3	2.8	3.3	3.3	3.7	3.7	3.7
142.5°	0.9	1.4	1.4	1.9	1.9	2.3	2.3	2.3	2.8	2.8
145°	0.9	0.9	0.9	1.4	1.4	1.4	1.4	1.9	1.9	1.9
147.5°	0.5	0.5	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.4
150°	0.5	0.5	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0.9
152.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
155°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
157.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
160°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
162.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
165°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
167.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
172.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P894300  
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC83-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	15.31	16.85	15.79	17.31	17.80	16.89	18.42	17.36	18.88	19.37
	3H	16.99	18.39	17.47	18.86	19.39	19.51	20.92	20.00	21.38	21.91
	4H	17.59	18.92	18.09	19.40	19.95	20.82	22.15	21.33	22.64	23.18
	6H	17.99	19.23	18.50	19.73	20.28	22.23	23.47	22.75	23.97	24.52
	8H	18.10	19.29	18.63	19.81	20.38	22.98	24.17	23.51	24.69	25.25
	12H	18.18	19.32	18.72	19.84	20.43	23.83	24.97	24.36	25.48	26.08
4H	2H	16.24	17.57	16.75	18.06	18.60	17.44	18.77	17.94	19.25	19.79
	3H	18.22	19.36	18.74	19.89	20.45	20.35	21.49	20.87	22.02	22.58
	4H	19.00	20.04	19.53	20.58	21.17	21.88	22.92	22.42	23.46	24.05
	6H	19.58	20.50	20.13	21.06	21.67	23.52	24.44	24.08	25.01	25.62
	8H	19.76	20.63	20.32	21.19	21.81	24.40	25.27	24.97	25.83	26.46
	12H	19.88	20.67	20.47	21.26	21.89	25.41	26.19	25.99	26.79	27.41
8H	4H	19.88	20.74	20.44	21.31	21.93	22.24	23.11	22.80	23.67	24.29
	6H	20.76	21.50	21.35	22.10	22.73	24.14	24.88	24.74	25.48	26.11
	8H	21.11	21.77	21.71	22.39	23.03	25.22	25.89	25.83	26.51	27.15
	12H	21.38	21.97	21.99	22.58	23.28	26.49	27.08	27.10	27.69	28.40
12H	4H	20.15	20.94	20.74	21.53	22.16	22.28	23.07	22.87	23.66	24.29
	6H	21.21	21.87	21.81	22.49	23.13	24.25	24.92	24.86	25.53	26.17
	8H	21.73	22.32	22.33	22.93	23.63	25.45	26.04	26.06	26.65	27.35