

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: P894195

Luminaire Tested: 4MB-SC3-FLT-UNV-CC83-MID-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894195
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-CC83-MID-3500K
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 80CRI, 3500K CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

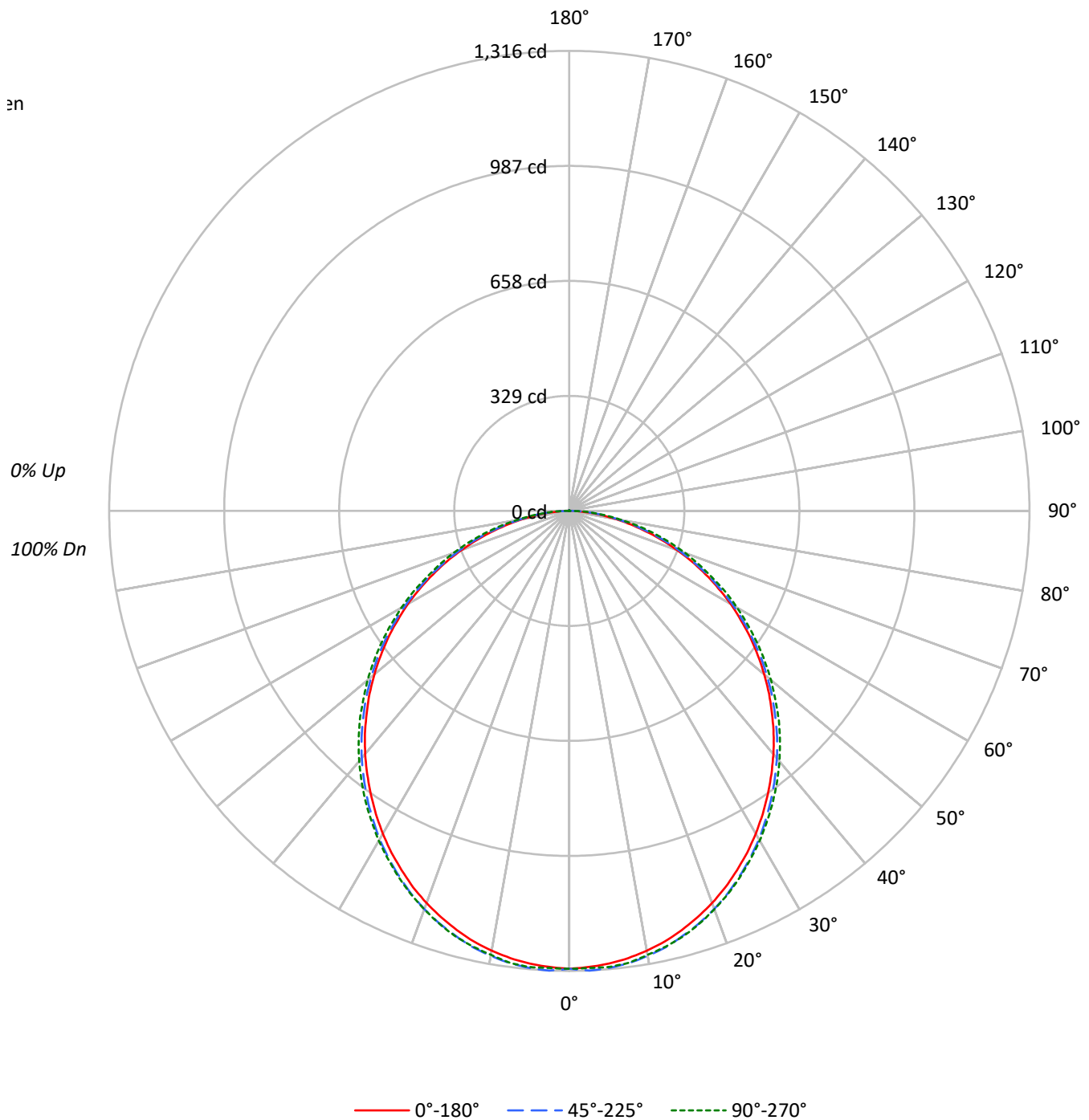
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3636.1 lumens
Efficiency: N/A
Efficacy: 108.5 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): 33.5
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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	9319	9319	9319
5°	9286	9376	9355
10°	9227	9339	9318
15°	9146	9266	9281
20°	9039	9177	9184
25°	8906	9049	9071
30°	8760	8910	8949
35°	8595	8745	8820
40°	8434	8577	8683
45°	8249	8385	8529
50°	8056	8183	8332
55°	7838	7958	8124
60°	7586	7710	7886
65°	7248	7394	7588
70°	6821	7021	7341
75°	6273	6537	6958
80°	5540	5970	6285
85°	4776	5478	5870

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 8529 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.9	3.4
10°-20°	353.0	9.7
20°-30°	529.0	14.5
30°-40°	629.5	17.3
40°-50°	645.9	17.8
50°-60°	578.6	15.9
60°-70°	439.7	12.1
70°-80°	255.5	7.0
80°-90°	76.7	2.1
90°-100°	1.8	0.1
100°-110°	0.3	0.0
110°-120°	0.0	0.0
120°-130°	0.2	0.0
130°-140°	0.4	0.0
140°-150°	0.6	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	1005.9	27.7
0°-40°	1635.4	45.0
0°-60°	2860.0	78.7
0°-90°	3631.9	99.9
90°-120°	2.2	0.1
90°-150°	3.3	0.1
90°-180°	4.0	0.1
0°-180°	3636.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1310	1310	1310	1310	1310	
5°	1300	1322	1313	1306	1310	123
15°	1242	1266	1258	1256	1260	350
25°	1134	1160	1153	1151	1155	523
35°	990	1014	1007	1010	1016	619
45°	820	840	833	840	848	633
55°	632	647	642	649	655	564
65°	430	441	439	447	451	426
75°	228	237	238	246	253	242
85°	58	63	67	72	72	64
90°	1	4	4	7	6	4
95°	0	1	1	2	3	0
105°	0	0	0	1	1	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	1
135°	0	0	1	0	0	0
145°	1	1	1	1	1	1
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	2	2	2	1	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8
2.5°	1306.0	1304.1	1306.0	1305.0	1314.6	1326.1	1324.2	1315.6	1306.0	1308.9	1316.5
5°	1300.2	1299.3	1302.2	1300.2	1309.8	1322.3	1318.5	1310.8	1302.2	1305.0	1312.7
7.5°	1290.6	1290.6	1294.5	1292.6	1301.2	1313.7	1309.8	1303.1	1294.5	1297.4	1305.0
10°	1277.2	1278.2	1283.0	1280.1	1287.8	1301.2	1297.4	1290.6	1283.0	1284.9	1292.6
12.5°	1261.9	1261.9	1267.6	1264.8	1272.4	1284.9	1280.1	1275.3	1267.6	1269.6	1278.2
15°	1241.7	1242.7	1249.4	1246.5	1253.3	1265.7	1260.9	1257.1	1250.4	1251.3	1258.0
17.5°	1218.7	1221.6	1228.3	1225.4	1232.2	1244.6	1238.9	1235.0	1229.3	1230.2	1237.0
20°	1193.8	1196.7	1203.4	1201.5	1206.3	1218.7	1213.0	1211.1	1205.3	1206.3	1212.0
22.5°	1166.0	1168.9	1176.5	1174.6	1179.4	1191.9	1185.2	1184.2	1178.5	1179.4	1184.2
25°	1134.4	1138.2	1146.8	1144.9	1148.7	1160.2	1154.5	1152.6	1148.7	1148.7	1152.6
27.5°	1101.8	1105.6	1115.2	1112.3	1115.2	1127.6	1120.9	1120.0	1116.1	1116.1	1120.0
30°	1066.3	1070.1	1080.7	1077.8	1080.7	1091.2	1084.5	1085.4	1081.6	1081.6	1084.5
32.5°	1028.9	1031.8	1043.3	1041.3	1043.3	1053.8	1047.1	1048.1	1044.2	1045.2	1046.1
35°	989.6	992.4	1004.9	1003.0	1003.9	1013.5	1008.7	1008.7	1005.9	1004.9	1006.8
37.5°	949.3	952.2	967.5	962.7	962.7	972.3	968.5	968.5	965.6	964.6	965.6
40°	908.1	910.0	926.3	921.5	920.5	929.2	926.3	926.3	924.4	922.4	923.4
42.5°	864.9	867.8	884.1	880.2	876.4	886.0	883.1	884.1	881.2	879.3	879.3
45°	819.8	822.7	839.0	837.1	831.3	840.0	837.1	839.0	835.2	833.3	833.3
47.5°	774.8	778.6	794.0	791.1	785.3	794.0	791.1	793.0	789.2	787.2	787.2
50°	727.8	731.6	747.9	743.1	737.4	746.0	744.1	745.0	742.2	740.3	739.3
52.5°	679.8	684.6	700.0	694.2	689.4	697.1	696.1	697.1	693.3	692.3	691.4
55°	631.9	636.7	651.1	644.4	640.5	647.2	645.3	647.2	643.4	642.4	641.5
57.5°	582.0	586.8	600.3	593.5	590.7	596.4	595.5	596.4	593.5	592.6	591.6
60°	533.1	537.0	549.4	542.7	539.8	545.6	543.7	546.6	542.7	542.7	541.8
62.5°	481.4	486.2	498.6	490.9	489.0	493.8	491.9	494.8	492.9	490.9	490.0
65°	430.5	433.4	444.9	438.2	435.3	441.1	440.1	442.0	439.2	440.1	439.2
67.5°	379.7	381.6	393.1	385.5	383.6	389.3	390.3	389.3	387.4	388.3	387.4
70°	327.9	329.9	339.4	332.7	331.8	336.6	338.5	337.5	335.6	336.6	337.5
72.5°	278.1	279.0	287.7	281.9	281.0	286.7	286.7	286.7	286.7	286.7	288.6
75°	228.2	229.2	236.8	232.0	231.1	236.8	236.8	236.8	236.8	238.8	237.8
77.5°	180.3	179.3	187.0	184.1	182.2	187.9	187.9	188.9	190.8	192.7	189.9
80°	135.2	134.2	140.0	136.2	136.2	141.9	141.0	141.9	143.8	144.8	145.7
82.5°	94.9	93.0	97.8	96.8	95.9	100.7	101.6	100.7	103.6	104.5	104.5
85°	58.5	58.5	61.4	59.5	59.5	63.3	63.3	64.2	66.2	67.1	67.1
87.5°	27.8	26.8	29.7	28.8	27.8	30.7	30.7	31.6	32.6	33.6	32.6
90°	1.0	1.0	1.9	1.9	1.9	3.8	3.8	3.8	4.8	4.8	3.8
92.5°	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.9	1.9	1.9	1.9
95°	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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	1.0



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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	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0
132.5°	0.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
135°	0.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0
137.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
140°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.9	1.9	1.9	1.9	1.9	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.9	1.9	1.9	1.9	1.9	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.9	1.9	1.9	1.9	1.9	1.0	1.0	1.0	1.0	1.0	1.0
175°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.0	1.9	1.9
177.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8
2.5°	1305.0	1298.3	1295.4	1297.4	1310.8	1297.4	1311.7	1316.5	1299.3	1308.9
5°	1301.2	1294.5	1290.6	1292.6	1306.0	1293.5	1308.9	1314.6	1300.2	1309.8
7.5°	1293.5	1285.9	1283.9	1286.8	1298.3	1287.8	1303.1	1308.9	1294.5	1304.1
10°	1282.0	1275.3	1273.4	1276.3	1286.8	1276.3	1289.7	1294.5	1281.1	1289.7
12.5°	1267.6	1260.9	1259.0	1262.8	1272.4	1262.8	1276.3	1281.1	1267.6	1276.3
15°	1249.4	1242.7	1241.7	1247.5	1256.1	1247.5	1260.9	1264.8	1251.3	1260.0
17.5°	1227.4	1220.7	1221.6	1228.3	1235.0	1227.4	1239.8	1243.7	1231.2	1237.9
20°	1203.4	1195.7	1197.6	1203.4	1209.1	1201.5	1213.9	1217.8	1206.3	1213.0
22.5°	1175.6	1167.9	1169.8	1176.5	1180.4	1173.7	1185.2	1189.0	1179.4	1186.1
25°	1144.9	1138.2	1141.1	1147.8	1150.7	1144.9	1155.4	1158.3	1149.7	1155.4
27.5°	1114.2	1106.5	1110.4	1117.1	1119.0	1113.3	1123.8	1125.7	1117.1	1122.8
30°	1079.7	1072.0	1076.8	1084.5	1084.5	1080.7	1089.3	1091.2	1084.5	1089.3
32.5°	1041.3	1035.6	1041.3	1048.1	1047.1	1044.2	1052.8	1054.8	1049.0	1052.8
35°	1003.0	998.2	1003.9	1010.7	1009.7	1006.8	1015.5	1016.4	1011.6	1015.5
37.5°	963.7	959.8	965.6	971.3	969.4	967.5	975.2	975.2	972.3	976.1
40°	923.4	919.6	924.4	931.1	927.2	927.2	932.0	933.9	931.1	934.9
42.5°	881.2	877.4	883.1	888.9	885.0	884.1	889.8	890.8	888.9	891.8
45°	837.1	833.3	839.0	843.8	840.0	840.0	844.8	844.8	843.8	847.6
47.5°	792.0	789.2	794.0	798.7	794.9	797.8	797.8	797.8	799.7	798.7
50°	746.0	743.1	747.0	752.7	747.9	748.9	750.8	750.8	751.8	752.7
52.5°	698.1	694.2	698.1	704.8	698.1	700.9	701.9	702.9	705.7	703.8
55°	650.1	646.3	650.1	655.9	649.2	653.0	653.0	654.0	656.8	654.9
57.5°	600.3	596.4	602.2	606.0	599.3	603.1	603.1	605.1	607.0	604.1
60°	550.4	547.5	549.4	556.1	549.4	553.3	553.3	553.3	557.1	554.2
62.5°	499.6	497.7	499.6	505.3	498.6	502.5	501.5	502.5	506.3	505.3
65°	447.8	445.9	447.8	453.5	446.8	450.7	450.7	451.6	454.5	450.7
67.5°	397.0	394.1	397.0	401.8	396.0	398.9	398.9	398.9	403.7	401.8
70°	345.2	343.3	345.2	350.0	345.2	347.1	347.1	347.1	351.9	352.9
72.5°	294.4	294.4	296.3	300.1	296.3	300.1	297.3	295.3	302.0	303.0
75°	244.5	245.5	246.4	250.3	246.4	250.3	248.3	246.4	252.2	253.1
77.5°	198.5	198.5	199.4	202.3	199.4	202.3	200.4	200.4	204.2	203.3
80°	151.5	151.5	152.5	155.3	152.5	155.3	153.4	153.4	157.3	153.4
82.5°	110.3	110.3	110.3	113.1	111.2	113.1	112.2	110.3	115.1	111.2
85°	71.0	71.9	71.9	72.9	71.9	72.9	72.9	71.9	74.8	71.9
87.5°	36.4	36.4	36.4	37.4	36.4	36.4	37.4	36.4	38.4	37.4
90°	6.7	5.8	5.8	7.7	6.7	6.7	7.7	5.8	6.7	5.8
92.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.8	3.8
95°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.9
97.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	1.9
100°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
102.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
105°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0
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	1.0	0.0	0.0	0.0	1.0



TEST NUMBER: P894195
 CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC83-MID-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	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.0	1.0	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°	1.0	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0
140°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
145°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
175°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P894195
 CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC83-MID-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	19.26	20.90	19.63	21.21	21.53	19.40	21.03	19.76	21.35	21.67
	3H	21.08	22.57	21.46	22.89	23.26	21.23	22.71	21.61	23.04	23.40
	4H	21.75	23.14	22.15	23.49	23.87	21.94	23.33	22.34	23.68	24.06
	6H	22.20	23.49	22.61	23.86	24.25	22.50	23.79	22.91	24.16	24.55
	8H	22.34	23.57	22.76	23.97	24.37	22.69	23.93	23.12	24.32	24.72
	12H	22.43	23.62	22.86	24.00	24.43	22.83	24.02	23.26	24.40	24.83
4H	2H	19.90	21.29	20.30	21.64	22.02	20.00	21.40	20.40	21.75	22.13
	3H	21.94	23.11	22.35	23.51	23.91	22.07	23.24	22.48	23.64	24.04
	4H	22.73	23.79	23.16	24.21	24.64	22.92	23.98	23.35	24.39	24.83
	6H	23.31	24.23	23.76	24.68	25.13	23.61	24.54	24.06	24.98	25.44
	8H	23.49	24.36	23.96	24.81	25.28	23.85	24.72	24.31	25.17	25.63
	12H	23.64	24.42	24.12	24.90	25.37	24.05	24.83	24.53	25.31	25.78
8H	4H	23.06	23.93	23.52	24.37	24.84	23.22	24.09	23.69	24.54	25.01
	6H	23.76	24.49	24.26	24.98	25.45	24.05	24.77	24.54	25.26	25.74
	8H	24.03	24.68	24.54	25.18	25.67	24.38	25.03	24.89	25.54	26.03
	12H	24.24	24.82	24.75	25.31	25.87	24.66	25.24	25.17	25.73	26.29
12H	4H	23.10	23.88	23.58	24.36	24.83	23.26	24.04	23.74	24.52	24.99
	6H	23.83	24.48	24.34	24.99	25.48	24.11	24.76	24.62	25.27	25.75
	8H	24.16	24.73	24.67	25.23	25.79	24.50	25.08	25.01	25.57	26.13