

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: P893736

Luminaire Tested: 4MB-6SL-FLT-UNV-L950

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893736
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-6SL-FLT-UNV-L950
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 5000K CCT
Light Source: -
Ballast/Driver: -

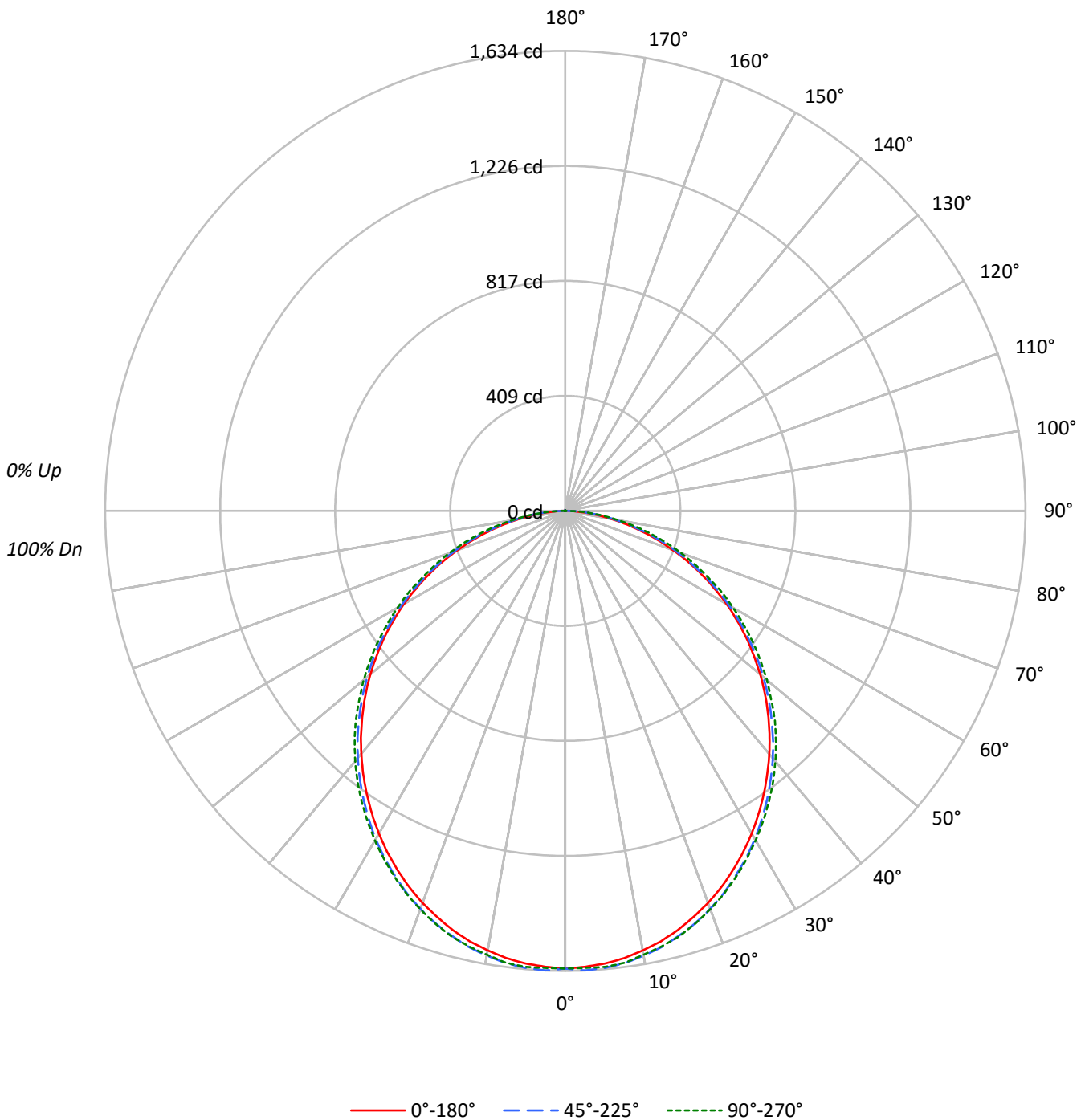
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4513.0 lumens
Efficiency: N/A
Efficacy: 101.6 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): 44.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 4
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: 4MB-6SL-FLT-UNV-L950

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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°	11568	11568	11568
5°	11527	11637	11612
10°	11453	11591	11565
15°	11353	11502	11520
20°	11219	11391	11399
25°	11054	11231	11258
30°	10873	11059	11108
35°	10668	10855	10948
40°	10468	10645	10778
45°	10239	10406	10586
50°	9999	10157	10342
55°	9729	9877	10084
60°	9416	9568	9789
65°	8997	9177	9418
70°	8467	8714	9112
75°	7788	8115	8637
80°	6875	7412	7801
85°	5927	6800	7290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 10586 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.7	3.4
10°-20°	438.2	9.7
20°-30°	656.6	14.5
30°-40°	781.3	17.3
40°-50°	801.7	17.8
50°-60°	718.2	15.9
60°-70°	545.7	12.1
70°-80°	317.2	7.0
80°-90°	95.2	2.1
90°-100°	2.3	0.1
100°-110°	0.4	0.0
110°-120°	0.0	0.0
120°-130°	0.2	0.0
130°-140°	0.5	0.0
140°-150°	0.7	0.0
150°-160°	0.6	0.0
160°-170°	0.4	0.0
170°-180°	0.2	0.0
0°-30°	1248.6	27.7
0°-40°	2029.9	45.0
0°-60°	3549.8	78.7
0°-90°	4507.9	99.9
90°-120°	2.7	0.1
90°-150°	4.1	0.1
90°-180°	5.0	0.1
0°-180°	4513.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1626	1626	1626	1626	1626	
5°	1614	1641	1629	1621	1626	153
15°	1541	1571	1562	1559	1564	435
25°	1408	1440	1431	1428	1434	649
35°	1228	1258	1250	1253	1260	769
45°	1018	1043	1034	1043	1052	785
55°	784	803	796	806	813	701
65°	534	548	545	555	559	529
75°	283	294	295	306	314	300
85°	73	79	83	89	89	79
90°	1	5	5	8	7	5
95°	0	1	1	2	4	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	1
165°	1	1	1	1	1	0
175°	2	2	2	1	1	0
180°	1	1	1	1	1	



TEST NUMBER: P893736
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8
2.5°	1621.0	1618.6	1621.0	1619.8	1631.7	1646.0	1643.6	1632.9	1621.0	1624.6	1634.1
5°	1613.9	1612.7	1616.2	1613.9	1625.8	1641.2	1636.5	1626.9	1616.2	1619.8	1629.3
7.5°	1602.0	1602.0	1606.7	1604.3	1615.0	1630.5	1625.8	1617.4	1606.7	1610.3	1619.8
10°	1585.3	1586.5	1592.4	1588.9	1598.4	1615.0	1610.3	1602.0	1592.4	1594.8	1604.3
12.5°	1566.2	1566.2	1573.4	1569.8	1579.3	1594.8	1588.9	1582.9	1573.4	1575.8	1586.5
15°	1541.3	1542.4	1550.8	1547.2	1555.5	1571.0	1565.1	1560.3	1552.0	1553.2	1561.5
17.5°	1512.7	1516.3	1524.6	1521.0	1529.4	1544.8	1537.7	1532.9	1525.8	1527.0	1535.3
20°	1481.7	1485.3	1493.6	1491.3	1497.2	1512.7	1505.5	1503.2	1496.0	1497.2	1504.4
22.5°	1447.2	1450.8	1460.3	1457.9	1463.9	1479.4	1471.0	1469.8	1462.7	1463.9	1469.8
25°	1408.0	1412.7	1423.4	1421.0	1425.8	1440.1	1433.0	1430.6	1425.8	1425.8	1430.6
27.5°	1367.5	1372.3	1384.2	1380.6	1384.2	1399.6	1391.3	1390.1	1385.3	1385.3	1390.1
30°	1323.5	1328.2	1341.3	1337.7	1341.3	1354.4	1346.1	1347.3	1342.5	1342.5	1346.1
32.5°	1277.0	1280.6	1294.9	1292.5	1294.9	1308.0	1299.7	1300.8	1296.1	1297.3	1298.5
35°	1228.2	1231.8	1247.3	1244.9	1246.1	1258.0	1252.0	1252.0	1248.5	1247.3	1249.7
37.5°	1178.3	1181.8	1200.9	1194.9	1194.9	1206.8	1202.1	1202.1	1198.5	1197.3	1198.5
40°	1127.1	1129.5	1149.7	1143.7	1142.6	1153.3	1149.7	1149.7	1147.3	1144.9	1146.1
42.5°	1073.5	1077.1	1097.3	1092.6	1087.8	1099.7	1096.1	1097.3	1093.8	1091.4	1091.4
45°	1017.6	1021.2	1041.4	1039.0	1031.9	1042.6	1039.0	1041.4	1036.6	1034.2	1034.2
47.5°	961.6	966.4	985.5	981.9	974.7	985.5	981.9	984.3	979.5	977.1	977.1
50°	903.3	908.1	928.3	922.4	915.2	925.9	923.6	924.8	921.2	918.8	917.6
52.5°	843.8	849.8	868.8	861.7	855.7	865.2	864.1	865.2	860.5	859.3	858.1
55°	784.3	790.3	808.1	799.8	795.0	803.4	801.0	803.4	798.6	797.4	796.2
57.5°	722.4	728.4	745.0	736.7	733.1	740.3	739.1	740.3	736.7	735.5	734.3
60°	661.7	666.5	682.0	673.6	670.1	677.2	674.8	678.4	673.6	673.6	672.4
62.5°	597.5	603.4	618.9	609.4	607.0	612.9	610.6	614.1	611.7	609.4	608.2
65°	534.4	538.0	552.2	543.9	540.3	547.5	546.3	548.7	545.1	546.3	545.1
67.5°	471.3	473.7	488.0	478.4	476.1	483.2	484.4	483.2	480.8	482.0	480.8
70°	407.0	409.4	421.3	413.0	411.8	417.7	420.1	418.9	416.6	417.7	418.9
72.5°	345.1	346.3	357.0	349.9	348.7	355.9	355.9	355.9	355.9	355.9	358.2
75°	283.3	284.4	294.0	288.0	286.8	294.0	294.0	294.0	294.0	296.3	295.2
77.5°	223.7	222.6	232.1	228.5	226.1	233.3	233.3	234.5	236.8	239.2	235.7
80°	167.8	166.6	173.8	169.0	169.0	176.1	175.0	176.1	178.5	179.7	180.9
82.5°	117.8	115.4	121.4	120.2	119.0	125.0	126.2	125.0	128.5	129.7	129.7
85°	72.6	72.6	76.2	73.8	73.8	78.6	78.6	79.7	82.1	83.3	83.3
87.5°	34.5	33.3	36.9	35.7	34.5	38.1	38.1	39.3	40.5	41.7	40.5
90°	1.2	1.2	2.4	2.4	2.4	4.8	4.8	4.8	6.0	6.0	4.8
92.5°	0.0	0.0	1.2	1.2	1.2	1.2	1.2	2.4	2.4	2.4	2.4
95°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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	1.2



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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	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	1.2
132.5°	0.0	0.0	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0
135°	0.0	1.2	1.2	1.2	1.2	0.0	1.2	0.0	0.0	0.0	1.2
137.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
140°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
142.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
157.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167.5°	2.4	2.4	2.4	2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2
170°	2.4	2.4	2.4	2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2
172.5°	2.4	2.4	2.4	2.4	2.4	1.2	1.2	1.2	1.2	1.2	1.2
175°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	1.2	2.4	2.4
177.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8	1625.8
2.5°	1619.8	1611.5	1607.9	1610.3	1626.9	1610.3	1628.1	1634.1	1612.7	1624.6
5°	1615.0	1606.7	1602.0	1604.3	1621.0	1605.5	1624.6	1631.7	1613.9	1625.8
7.5°	1605.5	1596.0	1593.6	1597.2	1611.5	1598.4	1617.4	1624.6	1606.7	1618.6
10°	1591.2	1582.9	1580.5	1584.1	1597.2	1584.1	1600.8	1606.7	1590.1	1600.8
12.5°	1573.4	1565.1	1562.7	1567.4	1579.3	1567.4	1584.1	1590.1	1573.4	1584.1
15°	1550.8	1542.4	1541.3	1548.4	1559.1	1548.4	1565.1	1569.8	1553.2	1563.9
17.5°	1523.4	1515.1	1516.3	1524.6	1532.9	1523.4	1538.9	1543.6	1528.2	1536.5
20°	1493.6	1484.1	1486.5	1493.6	1500.8	1491.3	1506.7	1511.5	1497.2	1505.5
22.5°	1459.1	1449.6	1452.0	1460.3	1465.1	1456.8	1471.0	1475.8	1463.9	1472.2
25°	1421.0	1412.7	1416.3	1424.6	1428.2	1421.0	1434.1	1437.7	1427.0	1434.1
27.5°	1383.0	1373.4	1378.2	1386.5	1388.9	1381.8	1394.9	1397.2	1386.5	1393.7
30°	1340.1	1330.6	1336.5	1346.1	1346.1	1341.3	1352.0	1354.4	1346.1	1352.0
32.5°	1292.5	1285.4	1292.5	1300.8	1299.7	1296.1	1306.8	1309.2	1302.0	1306.8
35°	1244.9	1239.0	1246.1	1254.4	1253.2	1249.7	1260.4	1261.6	1255.6	1260.4
37.5°	1196.1	1191.3	1198.5	1205.6	1203.2	1200.9	1210.4	1210.4	1206.8	1211.6
40°	1146.1	1141.4	1147.3	1155.6	1150.9	1150.9	1156.8	1159.2	1155.6	1160.4
42.5°	1093.8	1089.0	1096.1	1103.3	1098.5	1097.3	1104.5	1105.7	1103.3	1106.8
45°	1039.0	1034.2	1041.4	1047.3	1042.6	1042.6	1048.5	1048.5	1047.3	1052.1
47.5°	983.1	979.5	985.5	991.4	986.6	990.2	990.2	990.2	992.6	991.4
50°	925.9	922.4	927.1	934.3	928.3	929.5	931.9	931.9	933.1	934.3
52.5°	866.4	861.7	866.4	874.8	866.4	870.0	871.2	872.4	876.0	873.6
55°	806.9	802.2	806.9	814.1	805.7	810.5	810.5	811.7	815.3	812.9
57.5°	745.0	740.3	747.4	752.2	743.8	748.6	748.6	751.0	753.4	749.8
60°	683.2	679.6	682.0	690.3	682.0	686.7	686.7	686.7	691.5	687.9
62.5°	620.1	617.7	620.1	627.2	618.9	623.6	622.5	623.6	628.4	627.2
65°	555.8	553.4	555.8	562.9	554.6	559.4	559.4	560.6	564.1	559.4
67.5°	492.7	489.2	492.7	498.7	491.5	495.1	495.1	495.1	501.1	498.7
70°	428.5	426.1	428.5	434.4	428.5	430.8	430.8	430.8	436.8	438.0
72.5°	365.4	365.4	367.8	372.5	367.8	372.5	368.9	366.6	374.9	376.1
75°	303.5	304.7	305.9	310.6	305.9	310.6	308.3	305.9	313.0	314.2
77.5°	246.4	246.4	247.6	251.1	247.6	251.1	248.7	248.7	253.5	252.3
80°	188.0	188.0	189.2	192.8	189.2	192.8	190.4	190.4	195.2	190.4
82.5°	136.9	136.9	136.9	140.4	138.1	140.4	139.2	136.9	142.8	138.1
85°	88.1	89.3	89.3	90.5	89.3	90.5	90.5	89.3	92.8	89.3
87.5°	45.2	45.2	45.2	46.4	45.2	45.2	46.4	45.2	47.6	46.4
90°	8.3	7.1	7.1	9.5	8.3	8.3	9.5	7.1	8.3	7.1
92.5°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	4.8	4.8
95°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.6
97.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.4	2.4
100°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
102.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
105°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	1.2	1.2
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	1.2	0.0	0.0	0.0	1.2



TEST NUMBER: P893736
 CATALOG NUMBER: 4MB-6SL-FLT-UNV-L950

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	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.2	1.2	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°	1.2	1.2	1.2	1.2	0.0	1.2	0.0	0.0	0.0	0.0
140°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
142.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
157.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
170°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
177.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P893736
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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	20.01	21.65	20.38	21.97	22.28	20.15	21.78	20.52	22.10	22.42
	3H	21.84	23.32	22.21	23.65	24.01	21.98	23.46	22.36	23.79	24.15
	4H	22.50	23.89	22.90	24.24	24.62	22.69	24.08	23.09	24.43	24.81
	6H	22.95	24.24	23.36	24.61	25.00	23.25	24.54	23.66	24.91	25.30
	8H	23.09	24.33	23.51	24.72	25.12	23.44	24.68	23.87	25.07	25.47
	12H	23.18	24.37	23.62	24.75	25.18	23.58	24.77	24.01	25.15	25.58
4H	2H	20.65	22.04	21.05	22.39	22.77	20.75	22.15	21.15	22.50	22.88
	3H	22.69	23.86	23.10	24.26	24.66	22.82	23.99	23.23	24.39	24.80
	4H	23.48	24.54	23.91	24.96	25.40	23.67	24.73	24.10	25.14	25.58
	6H	24.06	24.98	24.51	25.43	25.88	24.36	25.29	24.81	25.73	26.19
	8H	24.25	25.12	24.71	25.56	26.03	24.60	25.47	25.07	25.92	26.38
	12H	24.39	25.17	24.87	25.65	26.12	24.80	25.58	25.28	26.06	26.53
8H	4H	23.81	24.68	24.27	25.12	25.59	23.98	24.84	24.44	25.29	25.76
	6H	24.51	25.24	25.01	25.73	26.20	24.80	25.53	25.30	26.01	26.49
	8H	24.78	25.43	25.29	25.93	26.42	25.13	25.78	25.64	26.29	26.78
	12H	24.99	25.57	25.50	26.06	26.62	25.41	25.99	25.92	26.48	27.04
12H	4H	23.85	24.64	24.33	25.11	25.58	24.01	24.79	24.49	25.27	25.74
	6H	24.58	25.23	25.09	25.74	26.23	24.86	25.51	25.37	26.02	26.50
	8H	24.91	25.48	25.42	25.98	26.54	25.25	25.83	25.76	26.32	26.88