

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: P893732

Luminaire Tested: 4MB-6SL-FLT-UNV-L850

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893732
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-L850
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 80CRI, 5000K CCT
Light Source: -
Ballast/Driver: -

Summary

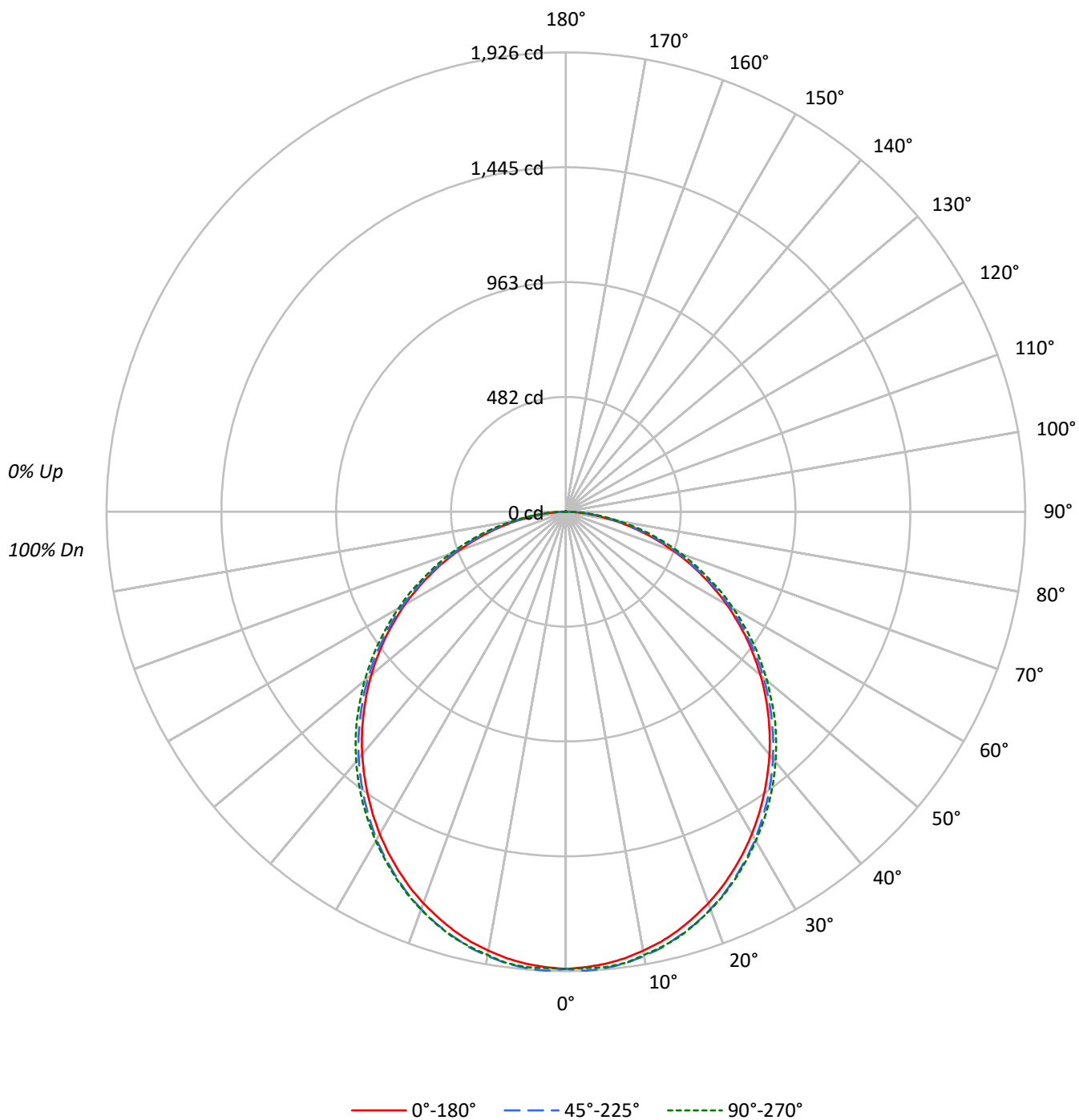
Lumens per Lamp: N/A
Luminaire Lumens: 5320.0 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34
Luminous Opening: Rectangular (W 0.38' x L: 3.98' x H: 0')
CIE Type: Direct

Input Watts (W): 44.4
Input Voltage (V): 120
Input Current (Ain): 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-L850

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	104	99	96	106	101	98	94	97	94	91		93	91	88		90
2	99	90	84	78	96	89	82	77	85	80	75		82	77	73		79
3	90	79	71	65	87	78	70	64	75	68	63		72	66	62		69
4	82	70	62	55	80	69	61	54	66	59	54		64	58	53		62
5	76	63	54	47	74	62	53	47	60	52	46		58	51	46		56
6	70	57	48	41	68	56	47	41	54	46	41		52	45	40		51
7	65	51	43	36	63	51	42	36	49	41	36		48	41	36		46
8	60	47	38	32	59	46	38	32	45	37	32		44	37	32		42
9	56	43	35	29	55	42	35	29	41	34	29		40	34	29		39
10	53	40	32	27	52	39	32	26	38	31	26		37	31	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13636	13636	13636
5°	13587	13718	13688
10°	13502	13663	13633
15°	13383	13559	13579
20°	13225	13428	13438
25°	13030	13239	13272
30°	12817	13037	13094
35°	12576	12795	12905
40°	12340	12549	12705
45°	12070	12268	12479
50°	11787	11973	12190
55°	11469	11643	11886
60°	11101	11280	11539
65°	10605	10819	11101
70°	9981	10272	10741
75°	9179	9564	10182
80°	8105	8740	9199
85°	6988	8017	8588

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 12479 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.2	3.4
10°-20°	516.5	9.7
20°-30°	774.1	14.6
30°-40°	921.0	17.3
40°-50°	945.1	17.8
50°-60°	846.6	15.9
60°-70°	643.3	12.1
70°-80°	373.9	7.0
80°-90°	112.2	2.1
90°-100°	2.7	0.1
100°-110°	0.5	0.0
110°-120°	0.0	0.0
120°-130°	0.2	0.0
130°-140°	0.6	0.0
140°-150°	0.8	0.0
150°-160°	0.6	0.0
160°-170°	0.4	0.0
170°-180°	0.2	0.0
0°-30°	1471.8	27.7
0°-40°	2392.9	45.0
0°-60°	4184.6	78.7
0°-90°	5314.0	99.9
90°-120°	3.2	0.1
90°-150°	4.8	0.1
90°-180°	6.0	0.1
0°-180°	5320.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1916	1916	1916	1916	1916	
5°	1902	1935	1921	1911	1916	181
15°	1817	1852	1841	1838	1844	512
25°	1660	1698	1686	1684	1691	765
35°	1448	1483	1473	1477	1486	906
45°	1200	1229	1219	1229	1240	926
55°	925	947	939	950	958	826
65°	630	645	643	654	659	623
75°	334	346	348	361	370	354
85°	86	93	98	105	105	93
90°	1	6	6	10	8	6
95°	0	1	1	3	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	1
145°	1	1	1	1	1	1
155°	1	1	1	1	1	1
165°	1	1	1	1	1	1
175°	3	3	3	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°	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5
2.5°	1910.9	1908.1	1910.9	1909.5	1923.5	1940.3	1937.5	1924.9	1910.9	1915.1	1926.3
5°	1902.4	1901.0	1905.2	1902.4	1916.5	1934.7	1929.1	1917.9	1905.2	1909.5	1920.7
7.5°	1888.4	1888.4	1894.0	1891.2	1903.8	1922.1	1916.5	1906.6	1894.0	1898.2	1909.5
10°	1868.8	1870.2	1877.2	1873.0	1884.2	1903.8	1898.2	1888.4	1877.2	1880.0	1891.2
12.5°	1846.3	1846.3	1854.7	1850.5	1861.8	1880.0	1873.0	1866.0	1854.7	1857.5	1870.2
15°	1816.9	1818.3	1828.1	1823.9	1833.7	1851.9	1844.9	1839.3	1829.5	1830.9	1840.7
17.5°	1783.2	1787.4	1797.2	1793.0	1802.8	1821.1	1812.6	1807.0	1798.6	1800.0	1809.8
20°	1746.7	1750.9	1760.7	1757.9	1764.9	1783.2	1774.8	1772.0	1763.5	1764.9	1773.4
22.5°	1706.0	1710.2	1721.5	1718.6	1725.7	1743.9	1734.1	1732.7	1724.3	1725.7	1732.7
25°	1659.7	1665.3	1678.0	1675.2	1680.8	1697.6	1689.2	1686.4	1680.8	1680.8	1686.4
27.5°	1612.0	1617.6	1631.7	1627.5	1631.7	1649.9	1640.1	1638.7	1633.1	1633.1	1638.7
30°	1560.1	1565.7	1581.2	1576.9	1581.2	1596.6	1586.8	1588.2	1582.6	1582.6	1586.8
32.5°	1505.4	1509.6	1526.4	1523.6	1526.4	1541.9	1532.1	1533.5	1527.8	1529.2	1530.6
35°	1447.9	1452.1	1470.3	1467.5	1468.9	1482.9	1475.9	1475.9	1471.7	1470.3	1473.1
37.5°	1388.9	1393.2	1415.6	1408.6	1408.6	1422.6	1417.0	1417.0	1412.8	1411.4	1412.8
40°	1328.6	1331.4	1355.3	1348.3	1346.9	1359.5	1355.3	1355.3	1352.5	1349.7	1351.1
42.5°	1265.5	1269.7	1293.5	1287.9	1282.3	1296.4	1292.1	1293.5	1289.3	1286.5	1286.5
45°	1199.5	1203.8	1227.6	1224.8	1216.4	1229.0	1224.8	1227.6	1222.0	1219.2	1219.2
47.5°	1133.6	1139.2	1161.7	1157.5	1149.0	1161.7	1157.5	1160.3	1154.7	1151.8	1151.8
50°	1064.9	1070.5	1094.3	1087.3	1078.9	1091.5	1088.7	1090.1	1085.9	1083.1	1081.7
52.5°	994.7	1001.7	1024.2	1015.8	1008.7	1020.0	1018.6	1020.0	1014.4	1013.0	1011.5
55°	924.6	931.6	952.6	942.8	937.2	947.0	944.2	947.0	941.4	940.0	938.6
57.5°	851.6	858.6	878.3	868.4	864.2	872.7	871.2	872.7	868.4	867.0	865.6
60°	780.1	785.7	803.9	794.1	789.9	798.3	795.5	799.7	794.1	794.1	792.7
62.5°	704.3	711.3	729.5	718.3	715.5	722.5	719.7	723.9	721.1	718.3	716.9
65°	629.9	634.1	651.0	641.2	637.0	645.4	644.0	646.8	642.6	644.0	642.6
67.5°	555.6	558.4	575.2	564.0	561.2	569.6	571.0	569.6	566.8	568.2	566.8
70°	479.8	482.6	496.7	486.8	485.4	492.4	495.3	493.8	491.0	492.4	493.8
72.5°	406.9	408.3	420.9	412.5	411.1	419.5	419.5	419.5	419.5	419.5	422.3
75°	333.9	335.3	346.5	339.5	338.1	346.5	346.5	346.5	346.5	349.3	347.9
77.5°	263.8	262.4	273.6	269.4	266.6	275.0	275.0	276.4	279.2	282.0	277.8
80°	197.8	196.4	204.8	199.2	199.2	207.6	206.2	207.6	210.4	211.8	213.3
82.5°	138.9	136.1	143.1	141.7	140.3	147.3	148.7	147.3	151.5	152.9	152.9
85°	85.6	85.6	89.8	87.0	87.0	92.6	92.6	94.0	96.8	98.2	98.2
87.5°	40.7	39.3	43.5	42.1	40.7	44.9	44.9	46.3	47.7	49.1	47.7
90°	1.4	1.4	2.8	2.8	2.8	5.6	5.6	5.6	7.0	7.0	5.6
92.5°	0.0	0.0	1.4	1.4	1.4	1.4	1.4	2.8	2.8	2.8	2.8
95°	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	1.4	1.4
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
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	1.4

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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	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	1.4
132.5°	0.0	0.0	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0	0.0
135°	0.0	1.4	1.4	1.4	1.4	0.0	1.4	0.0	0.0	0.0	1.4
137.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
140°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
145°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
150°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
152.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
157.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
160°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
162.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
165°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167.5°	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4	1.4
170°	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4	1.4
172.5°	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4	1.4
175°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	2.8	2.8
177.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5	1916.5
2.5°	1909.5	1899.6	1895.4	1898.2	1917.9	1898.2	1919.3	1926.3	1901.0	1915.1
5°	1903.8	1894.0	1888.4	1891.2	1910.9	1892.6	1915.1	1923.5	1902.4	1916.5
7.5°	1892.6	1881.4	1878.6	1882.8	1899.6	1884.2	1906.6	1915.1	1894.0	1908.1
10°	1875.8	1866.0	1863.2	1867.4	1882.8	1867.4	1887.0	1894.0	1874.4	1887.0
12.5°	1854.7	1844.9	1842.1	1847.7	1861.8	1847.7	1867.4	1874.4	1854.7	1867.4
15°	1828.1	1818.3	1816.9	1825.3	1837.9	1825.3	1844.9	1850.5	1830.9	1843.5
17.5°	1795.8	1786.0	1787.4	1797.2	1807.0	1795.8	1814.1	1819.7	1801.4	1811.2
20°	1760.7	1749.5	1752.3	1760.7	1769.2	1757.9	1776.2	1781.8	1764.9	1774.8
22.5°	1720.1	1708.8	1711.6	1721.5	1727.1	1717.2	1734.1	1739.7	1725.7	1735.5
25°	1675.2	1665.3	1669.5	1679.4	1683.6	1675.2	1690.6	1694.8	1682.2	1690.6
27.5°	1630.3	1619.0	1624.6	1634.5	1637.3	1628.9	1644.3	1647.1	1634.5	1642.9
30°	1579.8	1568.5	1575.5	1586.8	1586.8	1581.2	1593.8	1596.6	1586.8	1593.8
32.5°	1523.6	1515.2	1523.6	1533.5	1532.1	1527.8	1540.5	1543.3	1534.9	1540.5
35°	1467.5	1460.5	1468.9	1478.7	1477.3	1473.1	1485.8	1487.2	1480.1	1485.8
37.5°	1410.0	1404.4	1412.8	1421.2	1418.4	1415.6	1426.8	1426.8	1422.6	1428.2
40°	1351.1	1345.5	1352.5	1362.3	1356.7	1356.7	1363.7	1366.5	1362.3	1367.9
42.5°	1289.3	1283.7	1292.1	1300.6	1294.9	1293.5	1302.0	1303.4	1300.6	1304.8
45°	1224.8	1219.2	1227.6	1234.6	1229.0	1229.0	1236.0	1236.0	1234.6	1240.2
47.5°	1158.9	1154.7	1161.7	1168.7	1163.1	1167.3	1167.3	1167.3	1170.1	1168.7
50°	1091.5	1087.3	1092.9	1101.3	1094.3	1095.7	1098.5	1098.5	1099.9	1101.3
52.5°	1021.4	1015.8	1021.4	1031.2	1021.4	1025.6	1027.0	1028.4	1032.6	1029.8
55°	951.2	945.6	951.2	959.6	949.8	955.4	955.4	956.8	961.0	958.2
57.5°	878.3	872.7	881.1	886.7	876.9	882.5	882.5	885.3	888.1	883.9
60°	805.3	801.1	803.9	813.7	803.9	809.5	809.5	809.5	815.1	810.9
62.5°	731.0	728.1	731.0	739.4	729.5	735.2	733.8	735.2	740.8	739.4
65°	655.2	652.4	655.2	663.6	653.8	659.4	659.4	660.8	665.0	659.4
67.5°	580.8	576.6	580.8	587.8	579.4	583.6	583.6	583.6	590.7	587.8
70°	505.1	502.3	505.1	512.1	505.1	507.9	507.9	507.9	514.9	516.3
72.5°	430.7	430.7	433.5	439.1	433.5	439.1	434.9	432.1	441.9	443.3
75°	357.8	359.2	360.6	366.2	360.6	366.2	363.4	360.6	369.0	370.4
77.5°	290.4	290.4	291.8	296.0	291.8	296.0	293.2	293.2	298.8	297.4
80°	221.7	221.7	223.1	227.3	223.1	227.3	224.5	224.5	230.1	224.5
82.5°	161.3	161.3	161.3	165.6	162.7	165.6	164.1	161.3	168.4	162.7
85°	103.8	105.2	105.2	106.6	105.2	106.6	106.6	105.2	109.4	105.2
87.5°	53.3	53.3	53.3	54.7	53.3	53.3	54.7	53.3	56.1	54.7
90°	9.8	8.4	8.4	11.2	9.8	9.8	11.2	8.4	9.8	8.4
92.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	5.6	5.6
95°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	4.2
97.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	2.8
100°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
102.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
105°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	1.4	1.4
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	1.4	0.0	0.0	0.0	1.4

TEST NUMBER: P893732

CATALOG NUMBER: 4MB-6SL-FLT-UNV-L850

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	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.4	1.4	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°	1.4	1.4	1.4	1.4	0.0	1.4	0.0	0.0	0.0	0.0
140°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
142.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0	0.0	0.0
145°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
150°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
152.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
157.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
160°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
162.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
165°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
170°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
172.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
175°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
177.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

TEST NUMBER: P893732

CATALOG NUMBER: 4MB-6SL-FLT-UNV-L850

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	20.58	22.22	20.95	22.54	22.85	20.72	22.36	21.09	22.67	22.99
	3H	22.41	23.89	22.79	24.22	24.58	22.55	24.03	22.93	24.36	24.73
	4H	23.07	24.46	23.47	24.81	25.19	23.26	24.66	23.66	25.01	25.38
	6H	23.52	24.82	23.93	25.18	25.57	23.82	25.11	24.23	25.48	25.87
	8H	23.66	24.90	24.09	25.29	25.69	24.01	25.25	24.44	25.64	26.04
	12H	23.76	24.94	24.19	25.33	25.76	24.15	25.34	24.59	25.72	26.15
4H	2H	21.22	22.61	21.62	22.96	23.34	21.33	22.72	21.73	23.07	23.45
	3H	23.26	24.43	23.67	24.83	25.23	23.39	24.57	23.80	24.96	25.37
	4H	24.05	25.11	24.49	25.53	25.97	24.24	25.30	24.67	25.71	26.15
	6H	24.63	25.56	25.08	26.00	26.46	24.93	25.86	25.39	26.30	26.76
	8H	24.82	25.69	25.28	26.13	26.60	25.18	26.04	25.64	26.49	26.96
	12H	24.96	25.74	25.44	26.22	26.69	25.37	26.15	25.85	26.63	27.10
8H	4H	24.38	25.25	24.84	25.69	26.16	24.55	25.42	25.01	25.86	26.33
	6H	25.08	25.81	25.58	26.30	26.77	25.37	26.10	25.87	26.59	27.06
	8H	25.35	26.00	25.86	26.51	26.99	25.70	26.35	26.21	26.86	27.35
	12H	25.56	26.14	26.07	26.63	27.19	25.99	26.56	26.49	27.05	27.62
12H	4H	24.43	25.21	24.91	25.68	26.16	24.58	25.36	25.06	25.84	26.31
	6H	25.15	25.81	25.66	26.31	26.80	25.43	26.08	25.94	26.59	27.08
	8H	25.48	26.06	25.99	26.55	27.11	25.82	26.40	26.33	26.89	27.45