

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: P894191

Luminaire Tested: 4MB-SC3-FLT-UNV-CC83-HI-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894191
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-HI-5000K
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 80CRI, 5000K CCT, HI lumen setting
Light Source: -
Ballast/Driver: -

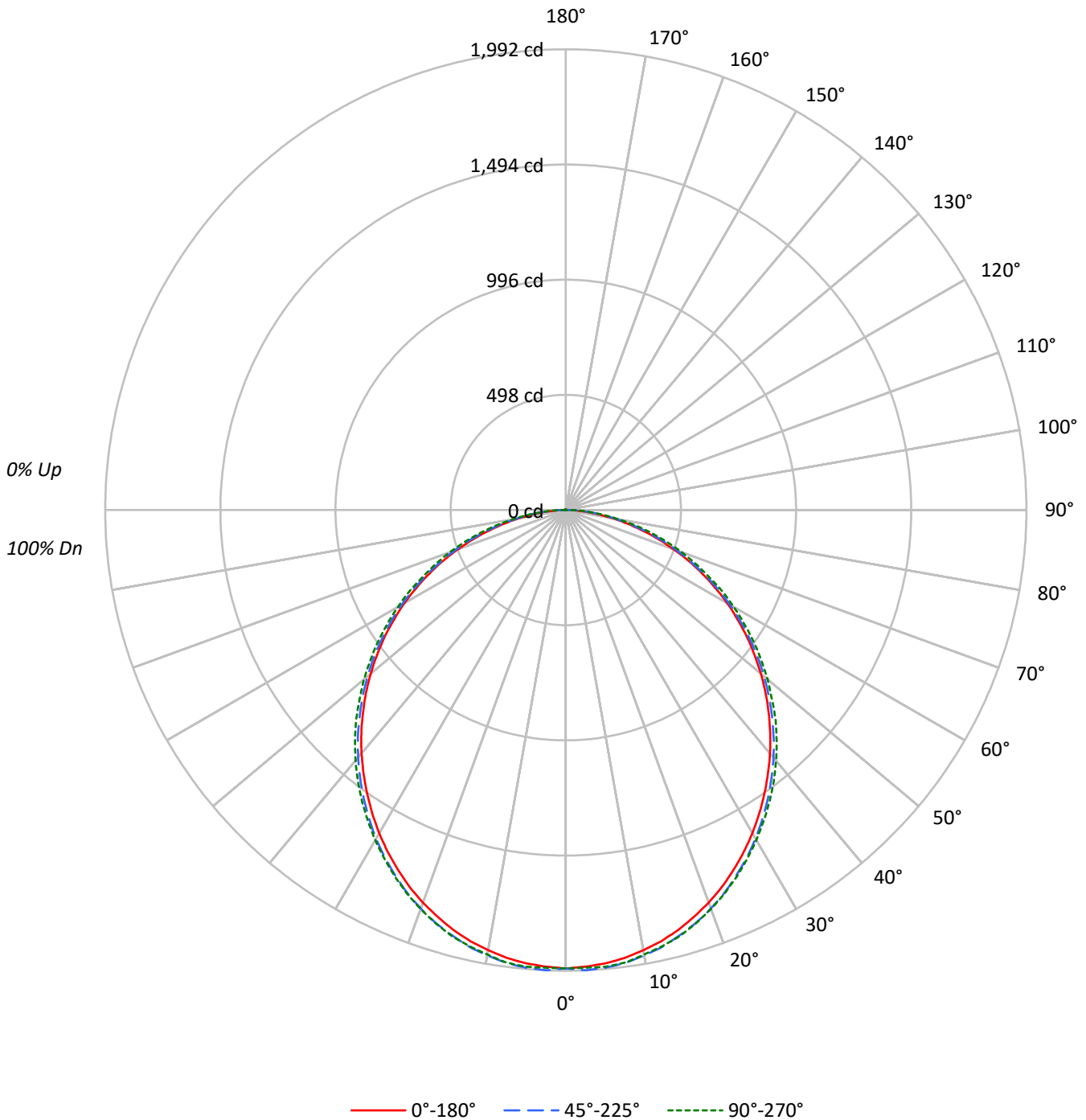
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5502.2 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): 50.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.39961257980444
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	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°	14102	14102	14102
5°	14052	14187	14156
10°	13963	14131	14100
15°	13841	14023	14044
20°	13678	13886	13898
25°	13475	13692	13726
30°	13256	13483	13542
35°	13006	13233	13347
40°	12763	12978	13140
45°	12483	12687	12907
50°	12190	12383	12608
55°	11861	12041	12293
60°	11479	11666	11935
65°	10968	11187	11482
70°	10322	10624	11109
75°	9492	9891	10532
80°	8383	9035	9514
85°	7225	8294	8882

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 12907 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.4	3.4
10°-20°	534.2	9.7
20°-30°	800.5	14.5
30°-40°	952.5	17.3
40°-50°	977.4	17.8
50°-60°	875.6	15.9
60°-70°	665.3	12.1
70°-80°	386.7	7.0
80°-90°	116.0	2.1
90°-100°	2.8	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°	0.9	0.0
150°-160°	0.7	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1522.2	27.7
0°-40°	2474.7	45.0
0°-60°	4327.7	78.7
0°-90°	5495.8	99.9
90°-120°	3.3	0.1
90°-150°	5.0	0.1
90°-180°	6.0	0.1
0°-180°	5502.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1982	1982	1982	1982	1982	
5°	1968	2001	1986	1976	1982	187
15°	1879	1915	1904	1901	1907	530
25°	1716	1756	1744	1741	1748	791
35°	1497	1534	1524	1528	1537	937
45°	1241	1271	1261	1271	1283	957
55°	956	979	971	982	991	854
65°	652	667	664	676	682	645
75°	345	358	360	373	383	366
85°	88	96	102	109	109	97
90°	2	6	6	10	9	6
95°	0	2	2	3	4	0
105°	0	0	0	2	2	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	1
135°	0	0	2	0	0	1
145°	2	2	2	2	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	1
175°	3	3	3	2	2	0
180°	2	2	2	2	2	



TEST NUMBER: P894191
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0
2.5°	1976.2	1973.3	1976.2	1974.8	1989.3	2006.7	2003.8	1990.7	1976.2	1980.6	1992.2
5°	1967.5	1966.1	1970.4	1967.5	1982.0	2000.9	1995.1	1983.5	1970.4	1974.8	1986.4
7.5°	1953.0	1953.0	1958.8	1955.9	1969.0	1987.8	1982.0	1971.9	1958.8	1963.2	1974.8
10°	1932.7	1934.1	1941.4	1937.1	1948.7	1969.0	1963.2	1953.0	1941.4	1944.3	1955.9
12.5°	1909.5	1909.5	1918.2	1913.8	1925.4	1944.3	1937.1	1929.8	1918.2	1921.1	1934.1
15°	1879.0	1880.5	1890.6	1886.3	1896.4	1915.3	1908.0	1902.2	1892.1	1893.5	1903.7
17.5°	1844.2	1848.5	1858.7	1854.3	1864.5	1883.4	1874.7	1868.9	1860.1	1861.6	1871.8
20°	1806.5	1810.8	1821.0	1818.1	1825.3	1844.2	1835.5	1832.6	1823.9	1825.3	1834.0
22.5°	1764.4	1768.7	1780.3	1777.4	1784.7	1803.6	1793.4	1792.0	1783.2	1784.7	1792.0
25°	1716.5	1722.3	1735.4	1732.5	1738.3	1755.7	1747.0	1744.1	1738.3	1738.3	1744.1
27.5°	1667.2	1673.0	1687.5	1683.1	1687.5	1706.3	1696.2	1694.7	1688.9	1688.9	1694.7
30°	1613.5	1619.3	1635.2	1630.9	1635.2	1651.2	1641.1	1642.5	1636.7	1636.7	1641.1
32.5°	1556.9	1561.2	1578.7	1575.8	1578.7	1594.6	1584.5	1585.9	1580.1	1581.6	1583.0
35°	1497.4	1501.8	1520.6	1517.7	1519.2	1533.7	1526.4	1526.4	1522.1	1520.6	1523.5
37.5°	1436.5	1440.8	1464.0	1456.8	1456.8	1471.3	1465.5	1465.5	1461.1	1459.7	1461.1
40°	1374.1	1377.0	1401.6	1394.4	1392.9	1406.0	1401.6	1401.6	1398.7	1395.8	1397.3
42.5°	1308.8	1313.1	1337.8	1332.0	1326.2	1340.7	1336.3	1337.8	1333.4	1330.5	1330.5
45°	1240.6	1244.9	1269.6	1266.7	1258.0	1271.1	1266.7	1269.6	1263.8	1260.9	1260.9
47.5°	1172.4	1178.2	1201.4	1197.1	1188.3	1201.4	1197.1	1200.0	1194.2	1191.3	1191.3
50°	1101.3	1107.1	1131.8	1124.5	1115.8	1128.9	1126.0	1127.4	1123.1	1120.2	1118.7
52.5°	1028.7	1036.0	1059.2	1050.5	1043.3	1054.9	1053.4	1054.9	1049.1	1047.6	1046.2
55°	956.2	963.4	985.2	975.1	969.3	979.4	976.5	979.4	973.6	972.2	970.7
57.5°	880.7	888.0	908.3	898.2	893.8	902.5	901.1	902.5	898.2	896.7	895.3
60°	806.7	812.5	831.4	821.3	816.9	825.6	822.7	827.1	821.3	821.3	819.8
62.5°	728.4	735.6	754.5	742.9	740.0	747.3	744.3	748.7	745.8	742.9	741.4
65°	651.5	655.8	673.3	663.1	658.7	667.4	666.0	668.9	664.5	666.0	664.5
67.5°	574.6	577.5	594.9	583.3	580.4	589.1	590.5	589.1	586.2	587.6	586.2
70°	496.2	499.1	513.6	503.5	502.0	509.3	512.2	510.7	507.8	509.3	510.7
72.5°	420.8	422.2	435.3	426.6	425.1	433.8	433.8	433.8	433.8	433.8	436.7
75°	345.3	346.8	358.4	351.1	349.7	358.4	358.4	358.4	358.4	361.3	359.8
77.5°	272.8	271.3	282.9	278.6	275.7	284.4	284.4	285.8	288.7	291.6	287.3
80°	204.6	203.1	211.8	206.0	206.0	214.7	213.3	214.7	217.6	219.1	220.5
82.5°	143.6	140.7	148.0	146.5	145.1	152.4	153.8	152.4	156.7	158.2	158.2
85°	88.5	88.5	92.9	90.0	90.0	95.8	95.8	97.2	100.1	101.6	101.6
87.5°	42.1	40.6	45.0	43.5	42.1	46.4	46.4	47.9	49.3	50.8	49.3
90°	1.5	1.5	2.9	2.9	2.9	5.8	5.8	5.8	7.3	7.3	5.8
92.5°	0.0	0.0	1.5	1.5	1.5	1.5	1.5	2.9	2.9	2.9	2.9
95°	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5	1.5
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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	1.5



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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	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	1.5
132.5°	0.0	0.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
135°	0.0	1.5	1.5	1.5	1.5	0.0	1.5	0.0	0.0	0.0	1.5
137.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
140°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
142.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
145°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
147.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
157.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
160°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
162.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
165°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
167.5°	2.9	2.9	2.9	2.9	2.9	1.5	1.5	1.5	1.5	1.5	1.5
170°	2.9	2.9	2.9	2.9	2.9	1.5	1.5	1.5	1.5	1.5	1.5
172.5°	2.9	2.9	2.9	2.9	2.9	1.5	1.5	1.5	1.5	1.5	1.5
175°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	1.5	2.9	2.9
177.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
180°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0	1982.0
2.5°	1974.8	1964.6	1960.3	1963.2	1983.5	1963.2	1984.9	1992.2	1966.1	1980.6
5°	1969.0	1958.8	1953.0	1955.9	1976.2	1957.4	1980.6	1989.3	1967.5	1982.0
7.5°	1957.4	1945.8	1942.9	1947.2	1964.6	1948.7	1971.9	1980.6	1958.8	1973.3
10°	1940.0	1929.8	1926.9	1931.2	1947.2	1931.2	1951.6	1958.8	1938.5	1951.6
12.5°	1918.2	1908.0	1905.1	1910.9	1925.4	1910.9	1931.2	1938.5	1918.2	1931.2
15°	1890.6	1880.5	1879.0	1887.7	1900.8	1887.7	1908.0	1913.8	1893.5	1906.6
17.5°	1857.2	1847.1	1848.5	1858.7	1868.9	1857.2	1876.1	1881.9	1863.1	1873.2
20°	1821.0	1809.4	1812.3	1821.0	1829.7	1818.1	1836.9	1842.7	1825.3	1835.5
22.5°	1778.9	1767.3	1770.2	1780.3	1786.1	1776.0	1793.4	1799.2	1784.7	1794.9
25°	1732.5	1722.3	1726.7	1736.8	1741.2	1732.5	1748.4	1752.8	1739.7	1748.4
27.5°	1686.0	1674.4	1680.2	1690.4	1693.3	1684.6	1700.5	1703.4	1690.4	1699.1
30°	1633.8	1622.2	1629.4	1641.1	1641.1	1635.2	1648.3	1651.2	1641.1	1648.3
32.5°	1575.8	1567.1	1575.8	1585.9	1584.5	1580.1	1593.2	1596.1	1587.4	1593.2
35°	1517.7	1510.5	1519.2	1529.3	1527.9	1523.5	1536.6	1538.0	1530.8	1536.6
37.5°	1458.2	1452.4	1461.1	1469.8	1466.9	1464.0	1475.6	1475.6	1471.3	1477.1
40°	1397.3	1391.5	1398.7	1408.9	1403.1	1403.1	1410.3	1413.2	1408.9	1414.7
42.5°	1333.4	1327.6	1336.3	1345.1	1339.2	1337.8	1346.5	1348.0	1345.1	1349.4
45°	1266.7	1260.9	1269.6	1276.9	1271.1	1271.1	1278.3	1278.3	1276.9	1282.7
47.5°	1198.5	1194.2	1201.4	1208.7	1202.9	1207.2	1207.2	1207.2	1210.1	1208.7
50°	1128.9	1124.5	1130.3	1139.0	1131.8	1133.2	1136.1	1136.1	1137.6	1139.0
52.5°	1056.3	1050.5	1056.3	1066.5	1056.3	1060.7	1062.1	1063.6	1067.9	1065.0
55°	983.8	978.0	983.8	992.5	982.3	988.1	988.1	989.6	993.9	991.0
57.5°	908.3	902.5	911.2	917.0	906.9	912.7	912.7	915.6	918.5	914.1
60°	832.9	828.5	831.4	841.6	831.4	837.2	837.2	837.2	843.0	838.7
62.5°	756.0	753.1	756.0	764.7	754.5	760.3	758.9	760.3	766.1	764.7
65°	677.6	674.7	677.6	686.3	676.2	682.0	682.0	683.4	687.8	682.0
67.5°	600.7	596.4	600.7	608.0	599.3	603.6	603.6	603.6	610.9	608.0
70°	522.4	519.4	522.4	529.6	522.4	525.3	525.3	525.3	532.5	534.0
72.5°	445.4	445.4	448.4	454.2	448.4	454.2	449.8	446.9	457.1	458.5
75°	370.0	371.4	372.9	378.7	372.9	378.7	375.8	372.9	381.6	383.1
77.5°	300.4	300.4	301.8	306.2	301.8	306.2	303.3	303.3	309.1	307.6
80°	229.3	229.3	230.7	235.1	230.7	235.1	232.2	232.2	238.0	232.2
82.5°	166.9	166.9	166.9	171.2	168.3	171.2	169.8	166.9	174.1	168.3
85°	107.4	108.8	108.8	110.3	108.8	110.3	110.3	108.8	113.2	108.8
87.5°	55.1	55.1	55.1	56.6	55.1	55.1	56.6	55.1	58.0	56.6
90°	10.2	8.7	8.7	11.6	10.2	10.2	11.6	8.7	10.2	8.7
92.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	5.8	5.8
95°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	4.4
97.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.9	2.9
100°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
102.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
105°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	1.5	1.5
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	1.5	0.0	0.0	0.0	1.5



TEST NUMBER: P894191
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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	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.5	1.5	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°	1.5	1.5	1.5	1.5	0.0	1.5	0.0	0.0	0.0	0.0
140°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
142.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0
145°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
147.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
150°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
152.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
155°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
157.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
160°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
162.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
165°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
167.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
170°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
172.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
175°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
177.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
180°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



TEST NUMBER: P894191
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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	20.70	22.34	21.07	22.65	22.97	20.84	22.47	21.20	22.79	23.11
	3H	22.52	24.00	22.90	24.33	24.70	22.67	24.15	23.05	24.48	24.84
	4H	23.18	24.58	23.58	24.93	25.31	23.38	24.77	23.78	25.12	25.50
	6H	23.64	24.93	24.05	25.30	25.69	23.93	25.23	24.35	25.60	25.99
	8H	23.78	25.01	24.20	25.40	25.81	24.13	25.37	24.56	25.76	26.16
	12H	23.87	25.06	24.30	25.44	25.87	24.27	25.46	24.70	25.84	26.27
4H	2H	21.33	22.73	21.73	23.08	23.46	21.44	22.84	21.84	23.19	23.57
	3H	23.38	24.55	23.79	24.95	25.35	23.51	24.68	23.92	25.08	25.48
	4H	24.17	25.23	24.60	25.65	26.08	24.35	25.42	24.79	25.83	26.27
	6H	24.74	25.67	25.20	26.12	26.57	25.05	25.98	25.50	26.42	26.88
	8H	24.93	25.80	25.40	26.25	26.71	25.29	26.16	25.75	26.61	27.07
	12H	25.08	25.86	25.56	26.34	26.81	25.49	26.27	25.97	26.75	27.22
8H	4H	24.50	25.37	24.96	25.81	26.28	24.66	25.53	25.13	25.98	26.44
	6H	25.20	25.92	25.70	26.41	26.89	25.49	26.21	25.98	26.70	27.18
	8H	25.46	26.11	25.97	26.62	27.11	25.82	26.47	26.33	26.98	27.47
	12H	25.68	26.26	26.19	26.75	27.31	26.10	26.68	26.61	27.17	27.73
12H	4H	24.54	25.32	25.02	25.80	26.27	24.70	25.48	25.18	25.96	26.43
	6H	25.27	25.92	25.78	26.43	26.92	25.55	26.20	26.06	26.71	27.19
	8H	25.60	26.17	26.10	26.66	27.23	25.94	26.52	26.45	27.01	27.57