

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: P895411

Luminaire Tested: 8TMB-SC3-FLTU-UNV-CC83-MID-5000K

Issue Date: 11/11/2024

**Test Information**

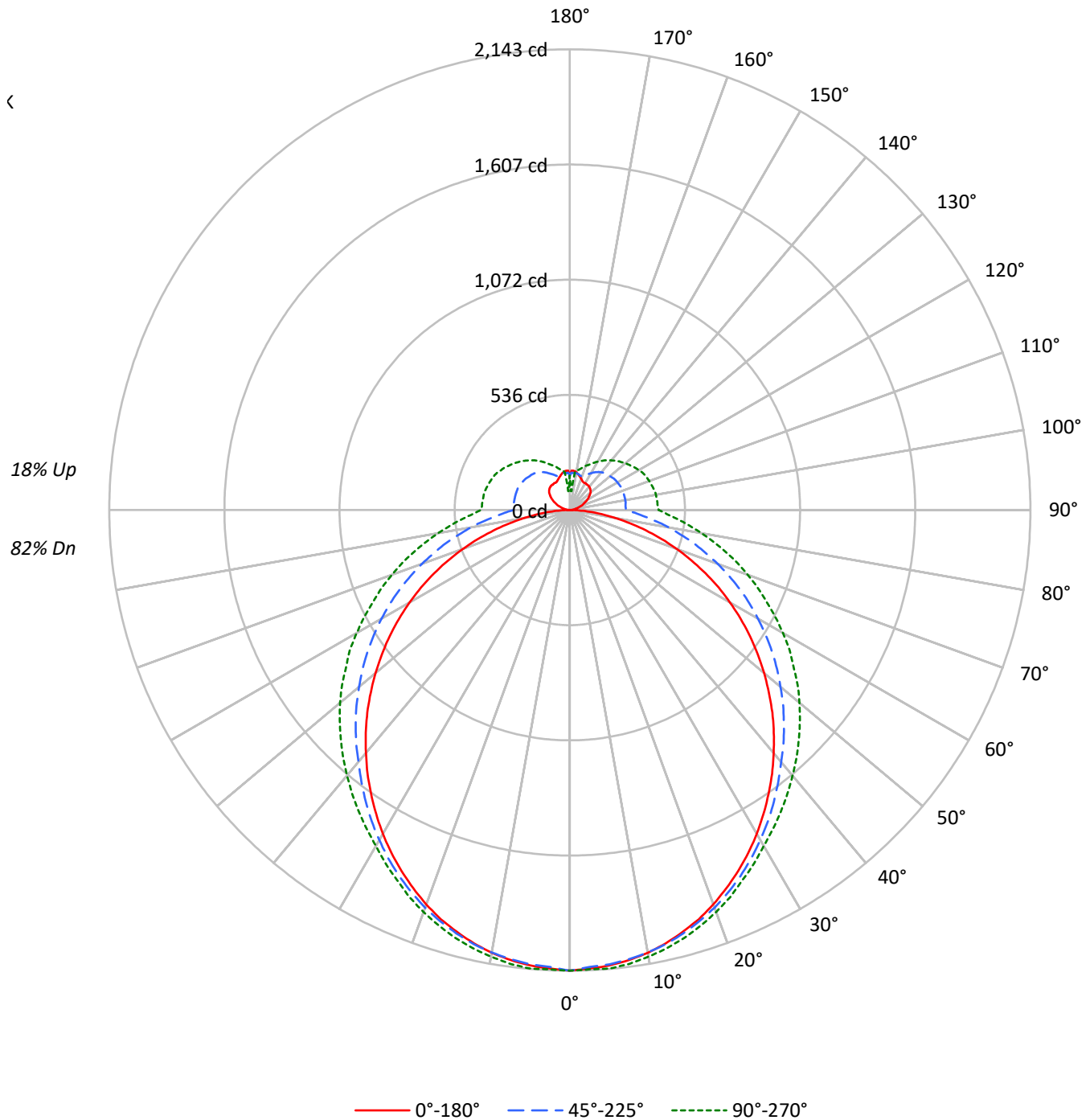
Test Method: LM-79-2019  
Report Number: P895411  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-SC3-FLTU-UNV-CC83-MID-5000K  
Description: Selectable 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 5000K CCT, MID lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8100.0 lumens  
Efficiency: N/A  
Efficacy: 121.1 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.26 / 1.37  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 7.98' x H: 0.21')  
CIE Type: Semi-Direct  
  
Input Watts (W): 66.9  
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

TEST NUMBER: P895411  
CATALOG NUMBER: 8TMB-SC3-FLTU-UNV-CC83-MID-5000K

### 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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	86	86	82
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	69	69	66
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	57	57	54
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	48	48	45
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	41	41	38
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	35	35	32
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	31	31	28
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	27	27	25
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	24	24	22
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	22	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	20	20	18

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	7602	7602	7602
5°	7558	7296	7275
10°	7502	7026	6930
15°	7409	6755	6600
20°	7304	6476	6265
25°	7167	6183	5925
30°	7021	5884	5615
35°	6858	5583	5360
40°	6687	5286	5116
45°	6516	5028	4884
50°	6316	4761	4659
55°	6103	4498	4407
60°	5845	4215	4168
65°	5538	3917	3897
70°	5133	3589	3646
75°	4571	3253	3374
80°	3830	2894	3095
85°	2885	2528	2841

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6516 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	202.6	2.5
10°-20°	577.9	7.1
20°-30°	868.2	10.7
30°-40°	1042.5	12.9
40°-50°	1096.2	13.5
50°-60°	1030.0	12.7
60°-70°	856.5	10.6
70°-80°	611.2	7.5
80°-90°	363.8	4.5
90°-100°	263.4	3.3
100°-110°	259.8	3.2
110°-120°	244.1	3.0
120°-130°	216.3	2.7
130°-140°	179.2	2.2
140°-150°	134.2	1.7
150°-160°	88.2	1.1
160°-170°	50.0	0.6
170°-180°	16.0	0.2
0°-30°	1648.7	20.4
0°-40°	2691.3	33.2
0°-60°	4817.5	59.5
0°-90°	6648.9	82.1
90°-120°	767.3	9.5
90°-150°	1296.9	16.0
90°-180°	1451.0	17.9
0°-180°	8100.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2143	2143	2143	2143	2143	
5°	2127	2152	2121	2127	2141	202
15°	2031	2062	2039	2053	2060	573
25°	1853	1888	1878	1896	1900	854
35°	1612	1650	1655	1696	1712	1009
45°	1332	1370	1409	1481	1507	1027
55°	1023	1064	1149	1242	1270	914
65°	697	753	873	982	1010	689
75°	366	448	597	712	749	389
85°	92	202	350	468	507	101
90°	0	115	260	374	413	6
95°	10	121	260	370	409	11
105°	37	135	262	366	401	40
115°	72	147	260	350	386	72
125°	110	156	252	329	354	98
135°	135	164	239	299	321	104
145°	143	160	215	266	282	90
155°	145	162	182	225	239	68
165°	166	176	170	172	200	47
175°	184	182	172	147	88	17
180°	160	160	160	160	160	



TEST NUMBER: P895411

CATALOG NUMBER: 8TMB-SC3-FLTU-UNV-CC83-MID-5000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6
2.5°	2134.8	2140.6	2142.6	2162.2	2154.3	2162.2	2148.5	2132.8	2128.9	2138.7	2126.9
5°	2126.9	2132.8	2134.8	2154.3	2146.5	2152.4	2140.6	2125.0	2121.1	2132.8	2121.1
7.5°	2111.3	2117.1	2119.1	2140.6	2130.8	2138.7	2125.0	2109.3	2107.4	2119.1	2107.4
10°	2091.7	2097.6	2099.5	2119.1	2111.3	2119.1	2105.4	2089.8	2087.8	2101.5	2089.8
12.5°	2064.3	2070.2	2074.1	2093.7	2083.9	2093.7	2078.0	2062.4	2064.3	2076.1	2068.2
15°	2031.1	2038.9	2040.8	2060.4	2052.6	2062.4	2046.7	2031.1	2035.0	2046.7	2038.9
17.5°	1995.8	2003.7	2005.6	2023.2	2015.4	2027.1	2009.5	1995.8	1999.7	2011.5	2005.6
20°	1952.8	1960.6	1964.5	1982.1	1974.3	1986.1	1968.4	1956.7	1960.6	1974.3	1968.4
22.5°	1903.9	1915.6	1917.6	1937.1	1927.4	1939.1	1921.5	1911.7	1917.6	1931.3	1925.4
25°	1853.0	1864.7	1866.7	1886.3	1878.4	1888.2	1870.6	1860.8	1868.6	1882.3	1878.4
27.5°	1798.2	1809.9	1813.9	1831.5	1823.6	1835.4	1815.8	1809.9	1817.8	1831.5	1827.6
30°	1739.5	1751.2	1753.2	1770.8	1764.9	1776.7	1759.1	1751.2	1763.0	1776.7	1772.8
32.5°	1676.9	1688.6	1694.5	1710.2	1704.3	1714.1	1698.4	1694.5	1704.3	1718.0	1716.0
35°	1612.3	1624.1	1629.9	1647.5	1639.7	1649.5	1633.8	1629.9	1645.6	1655.4	1655.4
37.5°	1545.8	1557.5	1563.4	1581.0	1571.2	1583.0	1567.3	1565.4	1583.0	1592.8	1592.8
40°	1475.4	1489.0	1494.9	1510.6	1502.7	1512.5	1498.8	1500.8	1516.4	1528.2	1530.1
42.5°	1404.9	1418.6	1424.5	1442.1	1432.3	1442.1	1430.3	1432.3	1449.9	1461.7	1471.4
45°	1332.5	1344.3	1350.1	1369.7	1358.0	1369.7	1358.0	1361.9	1379.5	1397.1	1408.8
47.5°	1256.2	1267.9	1277.7	1293.4	1283.6	1293.4	1285.6	1291.4	1312.9	1330.6	1346.2
50°	1179.9	1191.6	1201.4	1215.1	1205.3	1219.0	1209.2	1217.1	1244.5	1262.1	1279.7
52.5°	1101.6	1111.4	1127.1	1134.9	1127.1	1142.7	1134.9	1146.6	1174.0	1195.5	1215.1
55°	1023.4	1033.1	1048.8	1054.7	1046.8	1064.4	1058.6	1074.2	1103.6	1127.1	1148.6
57.5°	943.1	952.9	966.6	972.5	966.6	986.2	984.2	1001.8	1031.2	1056.6	1080.1
60°	860.9	870.7	882.5	888.3	888.3	907.9	907.9	929.4	960.7	984.2	1011.6
62.5°	780.7	786.6	798.3	806.2	812.0	831.6	831.6	855.1	888.3	915.7	943.1
65°	696.6	702.5	712.2	722.0	731.8	753.3	755.3	780.7	814.0	841.4	872.7
67.5°	612.4	618.3	628.1	639.8	653.5	675.1	679.0	706.4	741.6	772.9	802.2
70°	530.3	532.2	544.0	559.6	575.3	596.8	602.7	632.0	669.2	700.5	731.8
72.5°	448.1	450.0	461.8	481.3	499.0	522.4	530.3	561.6	598.8	630.1	661.4
75°	365.9	367.9	383.5	407.0	426.6	448.1	457.9	491.1	528.3	561.6	596.8
77.5°	287.6	291.5	307.2	330.7	354.2	379.6	389.4	422.6	463.7	495.0	528.3
80°	215.2	219.2	236.8	262.2	287.6	311.1	322.9	356.1	399.2	430.5	467.7
82.5°	148.7	154.6	176.1	203.5	228.9	254.4	266.1	297.4	336.6	371.8	407.0
85°	92.0	99.8	121.3	150.7	178.1	201.5	213.3	246.5	283.7	317.0	350.2
87.5°	43.0	54.8	76.3	105.7	135.0	154.6	168.3	201.5	236.8	270.0	303.3
90°	0.0	17.6	39.1	68.5	97.8	115.4	131.1	162.4	197.6	228.9	260.2
92.5°	3.9	19.6	43.0	70.4	99.8	117.4	133.1	164.4	197.6	228.9	260.2
95°	9.8	21.5	45.0	74.4	103.7	121.3	135.0	166.3	199.6	230.9	260.2
97.5°	17.6	27.4	50.9	78.3	107.6	123.3	138.9	170.2	201.5	232.8	262.2
100°	23.5	31.3	54.8	82.2	111.5	127.2	142.8	172.2	203.5	234.8	262.2
102.5°	29.4	39.1	60.7	86.1	115.4	131.1	144.8	174.1	205.5	234.8	262.2
105°	37.2	45.0	64.6	92.0	119.4	135.0	148.7	178.1	207.4	236.8	262.2
107.5°	45.0	50.9	70.4	95.9	123.3	137.0	150.7	180.0	209.4	236.8	262.2
110°	54.8	58.7	76.3	99.8	125.2	140.9	154.6	182.0	209.4	236.8	262.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	64.6	64.6	82.2	103.7	129.1	142.8	156.5	183.9	211.3	236.8	262.2
115°	72.4	74.4	88.1	107.6	133.1	146.8	158.5	183.9	211.3	236.8	260.2
117.5°	82.2	82.2	95.9	111.5	135.0	148.7	162.4	185.9	211.3	234.8	258.3
120°	92.0	90.0	101.7	117.4	138.9	150.7	164.4	187.8	211.3	234.8	256.3
122.5°	101.7	97.8	105.7	121.3	140.9	154.6	164.4	187.8	211.3	232.8	254.4
125°	109.6	105.7	111.5	127.2	144.8	156.5	166.3	187.8	211.3	230.9	252.4
127.5°	117.4	113.5	119.4	131.1	146.8	156.5	168.3	187.8	211.3	228.9	248.5
130°	125.2	119.4	127.2	135.0	150.7	158.5	168.3	187.8	209.4	227.0	244.6
132.5°	131.1	125.2	133.1	138.9	152.6	160.4	170.2	187.8	207.4	225.0	242.6
135°	135.0	129.1	138.9	142.8	156.5	164.4	172.2	187.8	205.5	223.1	238.7
137.5°	138.9	131.1	142.8	146.8	158.5	166.3	172.2	185.9	203.5	219.2	234.8
140°	140.9	135.0	146.8	150.7	156.5	164.4	172.2	183.9	199.6	215.2	228.9
142.5°	142.8	135.0	148.7	152.6	156.5	162.4	170.2	180.0	195.7	209.4	223.1
145°	142.8	137.0	148.7	152.6	156.5	160.4	166.3	178.1	189.8	201.5	215.2
147.5°	142.8	138.9	150.7	154.6	158.5	158.5	162.4	174.1	183.9	195.7	207.4
150°	144.8	138.9	150.7	154.6	160.4	160.4	162.4	168.3	180.0	187.8	197.6
152.5°	142.8	140.9	148.7	156.5	160.4	162.4	162.4	164.4	174.1	182.0	189.8
155°	144.8	144.8	150.7	160.4	162.4	162.4	164.4	162.4	166.3	174.1	182.0
157.5°	148.7	152.6	152.6	162.4	166.3	166.3	168.3	166.3	164.4	166.3	174.1
160°	154.6	158.5	158.5	164.4	170.2	170.2	172.2	170.2	168.3	166.3	166.3
162.5°	160.4	164.4	164.4	166.3	172.2	174.1	176.1	174.1	172.2	168.3	166.3
165°	166.3	170.2	170.2	170.2	174.1	176.1	178.1	176.1	176.1	172.2	170.2
167.5°	172.2	176.1	176.1	174.1	176.1	178.1	180.0	178.1	178.1	176.1	172.2
170°	178.1	182.0	182.0	178.1	180.0	180.0	182.0	180.0	180.0	176.1	174.1
172.5°	182.0	185.9	183.9	182.0	182.0	182.0	182.0	180.0	178.1	174.1	174.1
175°	183.9	187.8	187.8	183.9	182.0	182.0	183.9	180.0	178.1	176.1	172.2
177.5°	183.9	187.8	187.8	183.9	183.9	182.0	183.9	182.0	182.0	178.1	174.1
180°	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6	2142.6
2.5°	2134.8	2132.8	2121.1	2134.8	2134.8	2130.8	2146.5	2144.5	2142.6	2138.7
5°	2126.9	2125.0	2113.2	2126.9	2126.9	2125.0	2140.6	2142.6	2144.5	2140.6
7.5°	2115.2	2113.2	2101.5	2115.2	2115.2	2113.2	2130.8	2132.8	2134.8	2128.9
10°	2097.6	2095.6	2083.9	2097.6	2099.5	2097.6	2111.3	2113.2	2117.1	2109.3
12.5°	2074.1	2074.1	2062.4	2076.1	2078.0	2076.1	2089.8	2093.7	2097.6	2087.8
15°	2044.8	2046.7	2036.9	2050.6	2052.6	2052.6	2066.3	2068.2	2074.1	2060.4
17.5°	2009.5	2013.4	2005.6	2019.3	2021.3	2023.2	2031.1	2036.9	2042.8	2027.1
20°	1972.4	1974.3	1968.4	1980.2	1984.1	1982.1	1991.9	1999.7	2005.6	1990.0
22.5°	1927.4	1929.3	1923.4	1935.2	1939.1	1941.0	1948.9	1958.7	1962.6	1948.9
25°	1876.5	1884.3	1880.4	1892.1	1896.0	1896.0	1903.9	1913.7	1919.5	1900.0
27.5°	1827.6	1837.3	1833.4	1845.2	1849.1	1851.0	1855.0	1866.7	1872.6	1855.0
30°	1772.8	1784.5	1782.6	1794.3	1798.2	1796.3	1804.1	1815.8	1823.6	1804.1
32.5°	1712.1	1727.8	1725.8	1741.5	1745.4	1747.3	1753.2	1768.9	1776.7	1759.1
35°	1653.4	1671.0	1673.0	1690.6	1696.5	1698.4	1706.2	1721.9	1729.7	1712.1
37.5°	1592.8	1616.2	1622.1	1639.7	1645.6	1647.5	1655.4	1673.0	1680.8	1663.2
40°	1534.1	1561.4	1569.3	1584.9	1590.8	1596.7	1602.5	1620.1	1629.9	1612.3
42.5°	1475.4	1504.7	1514.5	1530.1	1536.0	1541.9	1549.7	1569.3	1577.1	1561.4
45°	1414.7	1446.0	1457.7	1473.4	1481.2	1487.1	1494.9	1512.5	1522.3	1506.7
47.5°	1354.0	1385.3	1397.1	1414.7	1422.5	1430.3	1436.2	1457.7	1467.5	1451.9
50°	1289.5	1324.7	1338.4	1354.0	1365.8	1371.6	1379.5	1399.0	1408.8	1395.1
52.5°	1224.9	1262.1	1277.7	1293.4	1305.1	1314.9	1318.8	1340.3	1350.1	1336.4
55°	1158.4	1195.5	1213.2	1230.8	1242.5	1254.2	1258.2	1279.7	1289.5	1269.9
57.5°	1091.8	1131.0	1148.6	1168.2	1177.9	1191.6	1197.5	1217.1	1226.9	1213.2
60°	1025.3	1062.5	1084.0	1101.6	1115.3	1127.1	1131.0	1152.5	1162.3	1144.7
62.5°	956.8	996.0	1017.5	1037.1	1048.8	1062.5	1068.4	1087.9	1095.8	1078.1
65°	886.4	925.5	949.0	966.6	982.3	994.0	997.9	1019.4	1027.3	1009.7
67.5°	815.9	855.1	880.5	900.1	913.8	927.5	931.4	952.9	960.7	947.0
70°	747.5	786.6	812.0	835.5	845.3	859.0	864.9	884.4	892.3	880.5
72.5°	679.0	718.1	745.5	769.0	778.8	792.5	800.3	815.9	827.7	817.9
75°	612.4	651.6	679.0	702.5	712.2	725.9	733.8	749.4	757.2	749.4
77.5°	547.9	587.0	612.4	635.9	647.7	659.4	667.2	682.9	692.7	684.8
80°	485.3	524.4	549.8	571.4	583.1	594.8	602.7	620.3	628.1	622.2
82.5°	426.6	463.7	491.1	512.7	524.4	536.1	544.0	559.6	569.4	561.6
85°	373.7	410.9	436.3	457.9	467.7	479.4	487.2	502.9	510.7	506.8
87.5°	322.9	356.1	385.5	407.0	416.8	428.5	438.3	450.0	459.8	454.0
90°	283.7	313.1	340.5	362.0	373.7	385.5	397.2	409.0	416.8	412.9
92.5°	285.7	313.1	338.5	358.1	369.8	381.6	393.3	407.0	412.9	409.0
95°	285.7	313.1	338.5	358.1	369.8	381.6	393.3	407.0	412.9	409.0
97.5°	285.7	313.1	338.5	358.1	369.8	381.6	393.3	407.0	412.9	407.0
100°	285.7	313.1	338.5	358.1	369.8	379.6	391.3	405.0	410.9	407.0
102.5°	285.7	313.1	336.6	356.1	367.9	377.6	389.4	403.1	409.0	405.0
105°	285.7	311.1	336.6	354.2	365.9	375.7	387.4	399.2	405.0	401.1
107.5°	283.7	309.2	332.6	352.2	362.0	371.8	383.5	395.3	401.1	397.2
110°	283.7	307.2	330.7	348.3	358.1	367.9	379.6	391.3	397.2	393.3





TEST NUMBER: P895411

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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	281.8	305.2	328.7	344.4	354.2	363.9	373.7	387.4	393.3	389.4
115°	279.8	303.3	324.8	340.5	350.2	358.1	369.8	383.5	387.4	385.5
117.5°	277.9	299.4	320.9	336.6	346.3	354.2	363.9	375.7	381.6	379.6
120°	275.9	295.5	317.0	330.7	340.5	348.3	356.1	367.9	373.7	369.8
122.5°	272.0	291.5	313.1	326.8	334.6	342.4	350.2	360.0	365.9	363.9
125°	268.1	287.6	307.2	320.9	328.7	334.6	342.4	352.2	356.1	354.2
127.5°	264.2	283.7	301.3	313.1	322.9	328.7	334.6	344.4	348.3	346.3
130°	260.2	277.9	295.5	307.2	315.0	320.9	326.8	336.6	338.5	338.5
132.5°	256.3	272.0	289.6	301.3	309.2	313.1	318.9	326.8	330.7	328.7
135°	252.4	266.1	283.7	293.5	299.4	305.2	311.1	318.9	320.9	320.9
137.5°	246.5	260.2	275.9	285.7	291.5	295.5	301.3	309.2	311.1	311.1
140°	240.7	254.4	268.1	275.9	283.7	287.6	291.5	299.4	301.3	301.3
142.5°	234.8	246.5	260.2	268.1	275.9	277.9	283.7	289.6	291.5	291.5
145°	227.0	240.7	252.4	260.2	266.1	268.1	273.9	279.8	279.8	281.8
147.5°	217.2	228.9	244.6	250.5	256.3	258.3	264.2	268.1	270.0	270.0
150°	207.4	219.2	232.8	242.6	248.5	250.5	252.4	258.3	258.3	260.2
152.5°	197.6	207.4	221.1	230.9	238.7	240.7	242.6	246.5	246.5	248.5
155°	187.8	195.7	207.4	217.2	225.0	228.9	232.8	236.8	236.8	238.7
157.5°	180.0	187.8	197.6	205.5	211.3	217.2	223.1	227.0	227.0	227.0
160°	170.2	176.1	185.9	191.8	199.6	203.5	213.3	217.2	217.2	219.2
162.5°	164.4	166.3	172.2	178.1	183.9	187.8	197.6	207.4	207.4	209.4
165°	166.3	164.4	166.3	168.3	172.2	174.1	180.0	193.7	197.6	199.6
167.5°	170.2	164.4	164.4	164.4	168.3	168.3	174.1	182.0	195.7	191.8
170°	170.2	164.4	160.4	160.4	162.4	160.4	164.4	170.2	178.1	185.9
172.5°	172.2	166.3	160.4	152.6	154.6	152.6	148.7	148.7	150.7	176.1
175°	170.2	166.3	158.5	148.7	146.8	140.9	129.1	119.4	113.5	88.1
177.5°	168.3	162.4	156.5	148.7	144.8	138.9	125.2	109.6	93.9	90.0
180°	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4	160.4



TEST NUMBER: P895411  
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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	14.75	16.07	15.37	16.71	17.43	17.38	18.70	18.00	19.34	20.06
	3H	16.16	17.36	16.79	18.00	18.76	19.85	21.05	20.47	21.69	22.45
	4H	16.59	17.72	17.23	18.38	19.15	21.01	22.15	21.66	22.81	23.58
	6H	16.82	17.88	17.48	18.55	19.33	22.19	23.25	22.86	23.92	24.70
	8H	16.87	17.88	17.54	18.56	19.35	22.79	23.80	23.46	24.48	25.27
	12H	16.88	17.84	17.55	18.52	19.34	23.42	24.39	24.10	25.07	25.89
4H	2H	15.66	16.80	16.31	17.45	18.22	17.73	18.87	18.38	19.52	20.29
	3H	17.28	18.25	17.94	18.94	19.73	20.39	21.36	21.05	22.05	22.84
	4H	17.83	18.72	18.51	19.42	20.23	21.71	22.59	22.39	23.29	24.11
	6H	18.17	18.95	18.87	19.67	20.50	23.06	23.84	23.76	24.56	25.39
	8H	18.25	18.98	18.95	19.70	20.54	23.75	24.48	24.45	25.20	26.04
	12H	18.28	18.94	19.00	19.68	20.53	24.50	25.16	25.23	25.91	26.75
8H	4H	18.50	19.23	19.20	19.95	20.79	21.86	22.59	22.56	23.31	24.15
	6H	19.00	19.62	19.73	20.38	21.22	23.35	23.97	24.08	24.73	25.57
	8H	19.16	19.71	19.90	20.47	21.33	24.16	24.72	24.90	25.48	26.33
	12H	19.25	19.74	19.99	20.49	21.41	25.07	25.56	25.82	26.32	27.23
12H	4H	18.67	19.33	19.39	20.07	20.92	21.85	22.51	22.57	23.25	24.10
	6H	19.27	19.82	20.01	20.59	21.44	23.37	23.92	24.11	24.68	25.54
	8H	19.50	20.00	20.25	20.75	21.66	24.23	24.72	24.98	25.47	26.39