

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: P894508

Luminaire Tested: 8TMB-12SL-FLTU-UNV-L950

Issue Date: 11/11/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P894508  
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-12SL-FLTU-UNV-L950  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 50  
Light Source: -  
Ballast/Driver: -

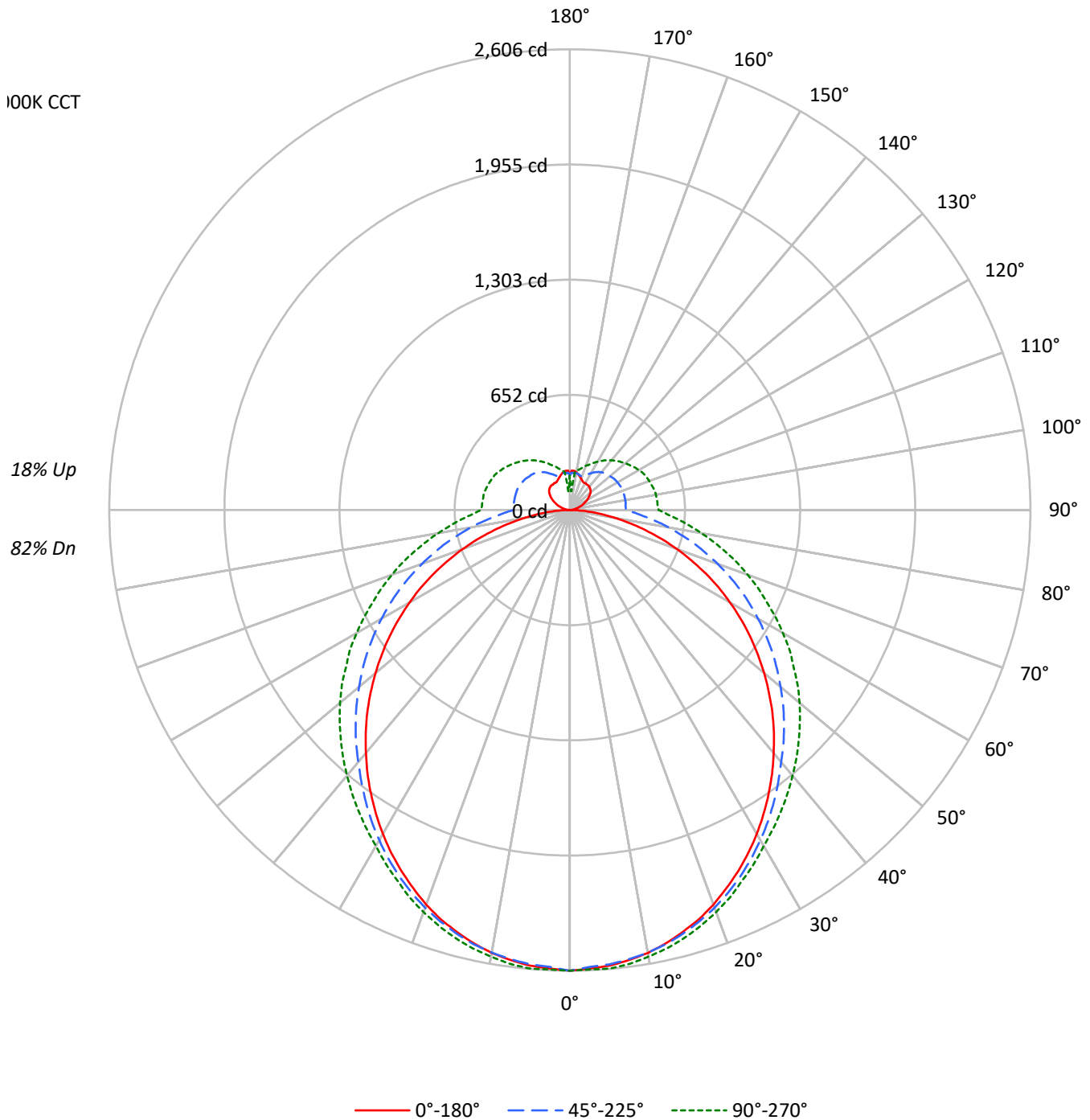
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9852.0 lumens  
Efficiency: N/A  
Efficacy: 110.9 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): 88.8  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.996  
Total Harmonic Distortion (THDi): 5.53  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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CATALOG NUMBER: 8TMB-12SL-FLTU-UNV-L950

### Luminous Intensity Polar Plot





TEST NUMBER: P894508  
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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	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°	9246	9246	9246
5°	9193	8873	8849
10°	9124	8546	8429
15°	9011	8216	8027
20°	8884	7876	7619
25°	8717	7521	7206
30°	8540	7157	6830
35°	8342	6791	6519
40°	8134	6430	6222
45°	7925	6116	5940
50°	7683	5791	5666
55°	7423	5471	5360
60°	7110	5127	5069
65°	6736	4764	4740
70°	6243	4365	4435
75°	5559	3957	4104
80°	4659	3520	3765
85°	3508	3075	3455

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7925 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	246.4	2.5
10°-20°	702.9	7.1
20°-30°	1056.0	10.7
30°-40°	1268.0	12.9
40°-50°	1333.4	13.5
50°-60°	1252.8	12.7
60°-70°	1041.7	10.6
70°-80°	743.3	7.5
80°-90°	442.5	4.5
90°-100°	320.3	3.3
100°-110°	316.0	3.2
110°-120°	296.9	3.0
120°-130°	263.0	2.7
130°-140°	218.0	2.2
140°-150°	163.2	1.7
150°-160°	107.3	1.1
160°-170°	60.9	0.6
170°-180°	19.4	0.2
0°-30°	2005.3	20.4
0°-40°	3273.4	33.2
0°-60°	5859.5	59.5
0°-90°	8087.0	82.1
90°-120°	933.2	9.5
90°-150°	1577.4	16.0
90°-180°	1765.0	17.9
0°-180°	9852.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2606	2606	2606	2606	2606	
5°	2587	2618	2580	2587	2604	246
15°	2470	2508	2480	2496	2506	697
25°	2254	2297	2285	2306	2311	1038
35°	1961	2006	2013	2063	2082	1227
45°	1621	1666	1714	1802	1832	1249
55°	1245	1295	1397	1511	1545	1112
65°	847	916	1061	1195	1228	838
75°	445	545	726	866	912	473
85°	112	245	426	569	616	122
90°	0	140	316	455	502	8
95°	12	148	316	450	497	14
105°	45	164	319	445	488	48
115°	88	178	316	426	469	88
125°	133	190	307	400	431	119
135°	164	200	290	364	390	127
145°	174	195	262	324	343	109
155°	176	198	221	274	290	82
165°	202	214	207	209	243	57
175°	224	221	209	178	107	21
180°	195	195	195	195	195	



TEST NUMBER: P894508  
 CATALOG NUMBER: 8TMB-12SL-FLTU-UNV-L950

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0
2.5°	2596.5	2603.6	2606.0	2629.8	2620.3	2629.8	2613.2	2594.1	2589.4	2601.3	2587.0
5°	2587.0	2594.1	2596.5	2620.3	2610.8	2617.9	2603.6	2584.6	2579.8	2594.1	2579.8
7.5°	2567.9	2575.1	2577.5	2603.6	2591.7	2601.3	2584.6	2565.6	2563.2	2577.5	2563.2
10°	2544.1	2551.3	2553.7	2577.5	2567.9	2577.5	2560.8	2541.8	2539.4	2556.0	2541.8
12.5°	2510.8	2518.0	2522.7	2546.5	2534.6	2546.5	2527.5	2508.4	2510.8	2525.1	2515.6
15°	2470.4	2479.9	2482.3	2506.1	2496.5	2508.4	2489.4	2470.4	2475.1	2489.4	2479.9
17.5°	2427.5	2437.0	2439.4	2460.8	2451.3	2465.6	2444.2	2427.5	2432.3	2446.6	2439.4
20°	2375.2	2384.7	2389.4	2410.9	2401.3	2415.6	2394.2	2379.9	2384.7	2401.3	2394.2
22.5°	2315.7	2329.9	2332.3	2356.1	2344.2	2358.5	2337.1	2325.2	2332.3	2349.0	2341.8
25°	2253.8	2268.1	2270.5	2294.3	2284.7	2296.6	2275.2	2263.3	2272.8	2289.5	2284.7
27.5°	2187.2	2201.4	2206.2	2227.6	2218.1	2232.4	2208.6	2201.4	2211.0	2227.6	2222.9
30°	2115.8	2130.0	2132.4	2153.8	2146.7	2161.0	2139.6	2130.0	2144.3	2161.0	2156.2
32.5°	2039.6	2053.9	2061.0	2080.1	2072.9	2084.8	2065.8	2061.0	2072.9	2089.6	2087.2
35°	1961.1	1975.3	1982.5	2003.9	1994.4	2006.3	1987.2	1982.5	2001.5	2013.4	2013.4
37.5°	1880.1	1894.4	1901.6	1923.0	1911.1	1925.4	1906.3	1903.9	1925.4	1937.3	1937.3
40°	1794.5	1811.1	1818.3	1837.3	1827.8	1839.7	1823.0	1825.4	1844.4	1858.7	1861.1
42.5°	1708.8	1725.4	1732.6	1754.0	1742.1	1754.0	1739.7	1742.1	1763.5	1777.8	1789.7
45°	1620.7	1635.0	1642.2	1665.9	1651.7	1665.9	1651.7	1656.4	1677.8	1699.3	1713.5
47.5°	1527.9	1542.2	1554.1	1573.1	1561.2	1573.1	1563.6	1570.8	1596.9	1618.4	1637.4
50°	1435.1	1449.4	1461.3	1477.9	1466.0	1482.7	1470.8	1480.3	1513.6	1535.1	1556.5
52.5°	1339.9	1351.8	1370.8	1380.4	1370.8	1389.9	1380.4	1394.6	1428.0	1454.1	1477.9
55°	1244.7	1256.6	1275.6	1282.8	1273.3	1294.7	1287.5	1306.6	1342.3	1370.8	1397.0
57.5°	1147.1	1159.0	1175.7	1182.8	1175.7	1199.5	1197.1	1218.5	1254.2	1285.2	1313.7
60°	1047.2	1059.1	1073.3	1080.5	1080.5	1104.3	1104.3	1130.5	1168.5	1197.1	1230.4
62.5°	949.6	956.7	971.0	980.5	987.7	1011.5	1011.5	1040.0	1080.5	1113.8	1147.1
65°	847.3	854.4	866.3	878.2	890.1	916.3	918.7	949.6	990.0	1023.4	1061.4
67.5°	744.9	752.1	764.0	778.2	794.9	821.1	825.8	859.2	902.0	940.1	975.8
70°	645.0	647.3	661.6	680.7	699.7	725.9	733.0	768.7	813.9	852.0	890.1
72.5°	545.0	547.4	561.7	585.5	606.9	635.4	645.0	683.0	728.3	766.3	804.4
75°	445.0	447.4	466.5	495.0	518.8	545.0	556.9	597.4	642.6	683.0	725.9
77.5°	349.8	354.6	373.6	402.2	430.8	461.7	473.6	514.1	564.0	602.1	642.6
80°	261.8	266.6	288.0	318.9	349.8	378.4	392.7	433.1	485.5	523.6	568.8
82.5°	180.9	188.0	214.2	247.5	278.5	309.4	323.7	361.7	409.3	452.2	495.0
85°	111.9	121.4	147.6	183.3	216.6	245.1	259.4	299.9	345.1	385.5	426.0
87.5°	52.4	66.6	92.8	128.5	164.2	188.0	204.7	245.1	288.0	328.4	368.9
90°	0.0	21.4	47.6	83.3	119.0	140.4	159.5	197.5	240.4	278.5	316.5
92.5°	4.8	23.8	52.4	85.7	121.4	142.8	161.8	199.9	240.4	278.5	316.5
95°	11.9	26.2	54.7	90.4	126.1	147.6	164.2	202.3	242.8	280.8	316.5
97.5°	21.4	33.3	61.9	95.2	130.9	149.9	169.0	207.1	245.1	283.2	318.9
100°	28.6	38.1	66.6	100.0	135.7	154.7	173.7	209.4	247.5	285.6	318.9
102.5°	35.7	47.6	73.8	104.7	140.4	159.5	176.1	211.8	249.9	285.6	318.9
105°	45.2	54.7	78.5	111.9	145.2	164.2	180.9	216.6	252.3	288.0	318.9
107.5°	54.7	61.9	85.7	116.6	149.9	166.6	183.3	219.0	254.7	288.0	318.9
110°	66.6	71.4	92.8	121.4	152.3	171.4	188.0	221.3	254.7	288.0	318.9



TEST NUMBER: P894508  
 CATALOG NUMBER: 8TMB-12SL-FLTU-UNV-L950

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	78.5	78.5	100.0	126.1	157.1	173.7	190.4	223.7	257.0	288.0	318.9
115°	88.1	90.4	107.1	130.9	161.8	178.5	192.8	223.7	257.0	288.0	316.5
117.5°	100.0	100.0	116.6	135.7	164.2	180.9	197.5	226.1	257.0	285.6	314.2
120°	111.9	109.5	123.8	142.8	169.0	183.3	199.9	228.5	257.0	285.6	311.8
122.5°	123.8	119.0	128.5	147.6	171.4	188.0	199.9	228.5	257.0	283.2	309.4
125°	133.3	128.5	135.7	154.7	176.1	190.4	202.3	228.5	257.0	280.8	307.0
127.5°	142.8	138.0	145.2	159.5	178.5	190.4	204.7	228.5	257.0	278.5	302.3
130°	152.3	145.2	154.7	164.2	183.3	192.8	204.7	228.5	254.7	276.1	297.5
132.5°	159.5	152.3	161.8	169.0	185.6	195.2	207.1	228.5	252.3	273.7	295.1
135°	164.2	157.1	169.0	173.7	190.4	199.9	209.4	228.5	249.9	271.3	290.4
137.5°	169.0	159.5	173.7	178.5	192.8	202.3	209.4	226.1	247.5	266.6	285.6
140°	171.4	164.2	178.5	183.3	190.4	199.9	209.4	223.7	242.8	261.8	278.5
142.5°	173.7	164.2	180.9	185.6	190.4	197.5	207.1	219.0	238.0	254.7	271.3
145°	173.7	166.6	180.9	185.6	190.4	195.2	202.3	216.6	230.9	245.1	261.8
147.5°	173.7	169.0	183.3	188.0	192.8	192.8	197.5	211.8	223.7	238.0	252.3
150°	176.1	169.0	183.3	188.0	195.2	195.2	197.5	204.7	219.0	228.5	240.4
152.5°	173.7	171.4	180.9	190.4	195.2	197.5	197.5	199.9	211.8	221.3	230.9
155°	176.1	176.1	183.3	195.2	197.5	197.5	199.9	197.5	202.3	211.8	221.3
157.5°	180.9	185.6	185.6	197.5	202.3	202.3	204.7	202.3	199.9	202.3	211.8
160°	188.0	192.8	192.8	199.9	207.1	207.1	209.4	207.1	204.7	202.3	202.3
162.5°	195.2	199.9	199.9	202.3	209.4	211.8	214.2	211.8	209.4	204.7	202.3
165°	202.3	207.1	207.1	207.1	211.8	214.2	216.6	214.2	214.2	209.4	207.1
167.5°	209.4	214.2	214.2	211.8	214.2	216.6	219.0	216.6	216.6	214.2	209.4
170°	216.6	221.3	221.3	216.6	219.0	219.0	221.3	219.0	219.0	214.2	211.8
172.5°	221.3	226.1	223.7	221.3	221.3	221.3	221.3	219.0	216.6	211.8	211.8
175°	223.7	228.5	228.5	223.7	221.3	221.3	223.7	219.0	216.6	214.2	209.4
177.5°	223.7	228.5	228.5	223.7	223.7	221.3	223.7	221.3	221.3	216.6	211.8
180°	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0	2606.0
2.5°	2596.5	2594.1	2579.8	2596.5	2596.5	2591.7	2610.8	2608.4	2606.0	2601.3
5°	2587.0	2584.6	2570.3	2587.0	2587.0	2584.6	2603.6	2606.0	2608.4	2603.6
7.5°	2572.7	2570.3	2556.0	2572.7	2572.7	2570.3	2591.7	2594.1	2596.5	2589.4
10°	2551.3	2548.9	2534.6	2551.3	2553.7	2551.3	2567.9	2570.3	2575.1	2565.6
12.5°	2522.7	2522.7	2508.4	2525.1	2527.5	2525.1	2541.8	2546.5	2551.3	2539.4
15°	2487.0	2489.4	2477.5	2494.2	2496.5	2496.5	2513.2	2515.6	2522.7	2506.1
17.5°	2444.2	2448.9	2439.4	2456.1	2458.5	2460.8	2470.4	2477.5	2484.6	2465.6
20°	2399.0	2401.3	2394.2	2408.5	2413.2	2410.9	2422.8	2432.3	2439.4	2420.4
22.5°	2344.2	2346.6	2339.5	2353.7	2358.5	2360.9	2370.4	2382.3	2387.1	2370.4
25°	2282.4	2291.9	2287.1	2301.4	2306.1	2306.1	2315.7	2327.6	2334.7	2310.9
27.5°	2222.9	2234.8	2230.0	2244.3	2249.0	2251.4	2256.2	2270.5	2277.6	2256.2
30°	2156.2	2170.5	2168.1	2182.4	2187.2	2184.8	2194.3	2208.6	2218.1	2194.3
32.5°	2082.4	2101.5	2099.1	2118.1	2122.9	2125.3	2132.4	2151.5	2161.0	2139.6
35°	2011.0	2032.5	2034.8	2056.3	2063.4	2065.8	2075.3	2094.3	2103.9	2082.4
37.5°	1937.3	1965.8	1973.0	1994.4	2001.5	2003.9	2013.4	2034.8	2044.4	2022.9
40°	1865.9	1899.2	1908.7	1927.7	1934.9	1942.0	1949.2	1970.6	1982.5	1961.1
42.5°	1794.5	1830.2	1842.1	1861.1	1868.2	1875.4	1884.9	1908.7	1918.2	1899.2
45°	1720.7	1758.8	1773.0	1792.1	1801.6	1808.7	1818.3	1839.7	1851.6	1832.5
47.5°	1646.9	1685.0	1699.3	1720.7	1730.2	1739.7	1746.9	1773.0	1784.9	1765.9
50°	1568.4	1611.2	1627.9	1646.9	1661.2	1668.3	1677.8	1701.6	1713.5	1696.9
52.5°	1489.8	1535.1	1554.1	1573.1	1587.4	1599.3	1604.1	1630.3	1642.2	1625.5
55°	1408.9	1454.1	1475.6	1497.0	1511.3	1525.5	1530.3	1556.5	1568.4	1544.6
57.5°	1328.0	1375.6	1397.0	1420.8	1432.7	1449.4	1456.5	1480.3	1492.2	1475.6
60°	1247.1	1292.3	1318.5	1339.9	1356.6	1370.8	1375.6	1401.8	1413.7	1392.3
62.5°	1163.8	1211.4	1237.6	1261.4	1275.6	1292.3	1299.4	1323.2	1332.8	1311.3
65°	1078.1	1125.7	1154.3	1175.7	1194.7	1209.0	1213.8	1239.9	1249.5	1228.0
67.5°	992.4	1040.0	1071.0	1094.8	1111.4	1128.1	1132.8	1159.0	1168.5	1151.9
70°	909.1	956.7	987.7	1016.2	1028.1	1044.8	1051.9	1075.7	1085.2	1071.0
72.5°	825.8	873.4	906.8	935.3	947.2	963.9	973.4	992.4	1006.7	994.8
75°	744.9	792.5	825.8	854.4	866.3	883.0	892.5	911.5	921.0	911.5
77.5°	666.4	714.0	744.9	773.5	787.8	802.0	811.6	830.6	842.5	833.0
80°	590.2	637.8	668.8	694.9	709.2	723.5	733.0	754.4	764.0	756.8
82.5°	518.8	564.0	597.4	623.5	637.8	652.1	661.6	680.7	692.6	683.0
85°	454.6	499.8	530.7	556.9	568.8	583.1	592.6	611.6	621.2	616.4
87.5°	392.7	433.1	468.8	495.0	506.9	521.2	533.1	547.4	559.3	552.1
90°	345.1	380.8	414.1	440.3	454.6	468.8	483.1	497.4	506.9	502.2
92.5°	347.5	380.8	411.7	435.5	449.8	464.1	478.4	495.0	502.2	497.4
95°	347.5	380.8	411.7	435.5	449.8	464.1	478.4	495.0	502.2	497.4
97.5°	347.5	380.8	411.7	435.5	449.8	464.1	478.4	495.0	502.2	495.0
100°	347.5	380.8	411.7	435.5	449.8	461.7	476.0	492.6	499.8	495.0
102.5°	347.5	380.8	409.3	433.1	447.4	459.3	473.6	490.3	497.4	492.6
105°	347.5	378.4	409.3	430.8	445.0	456.9	471.2	485.5	492.6	487.9
107.5°	345.1	376.0	404.6	428.4	440.3	452.2	466.5	480.7	487.9	483.1
110°	345.1	373.6	402.2	423.6	435.5	447.4	461.7	476.0	483.1	478.4





TEST NUMBER: P894508  
 CATALOG NUMBER: 8TMB-12SL-FLTU-UNV-L950

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	342.7	371.3	399.8	418.9	430.8	442.7	454.6	471.2	478.4	473.6
115°	340.3	368.9	395.1	414.1	426.0	435.5	449.8	466.5	471.2	468.8
117.5°	337.9	364.1	390.3	409.3	421.2	430.8	442.7	456.9	464.1	461.7
120°	335.6	359.4	385.5	402.2	414.1	423.6	433.1	447.4	454.6	449.8
122.5°	330.8	354.6	380.8	397.4	407.0	416.5	426.0	437.9	445.0	442.7
125°	326.1	349.8	373.6	390.3	399.8	407.0	416.5	428.4	433.1	430.8
127.5°	321.3	345.1	366.5	380.8	392.7	399.8	407.0	418.9	423.6	421.2
130°	316.5	337.9	359.4	373.6	383.2	390.3	397.4	409.3	411.7	411.7
132.5°	311.8	330.8	352.2	366.5	376.0	380.8	387.9	397.4	402.2	399.8
135°	307.0	323.7	345.1	357.0	364.1	371.3	378.4	387.9	390.3	390.3
137.5°	299.9	316.5	335.6	347.5	354.6	359.4	366.5	376.0	378.4	378.4
140°	292.7	309.4	326.1	335.6	345.1	349.8	354.6	364.1	366.5	366.5
142.5°	285.6	299.9	316.5	326.1	335.6	337.9	345.1	352.2	354.6	354.6
145°	276.1	292.7	307.0	316.5	323.7	326.1	333.2	340.3	340.3	342.7
147.5°	264.2	278.5	297.5	304.6	311.8	314.2	321.3	326.1	328.4	328.4
150°	252.3	266.6	283.2	295.1	302.3	304.6	307.0	314.2	314.2	316.5
152.5°	240.4	252.3	268.9	280.8	290.4	292.7	295.1	299.9	299.9	302.3
155°	228.5	238.0	252.3	264.2	273.7	278.5	283.2	288.0	288.0	290.4
157.5°	219.0	228.5	240.4	249.9	257.0	264.2	271.3	276.1	276.1	276.1
160°	207.1	214.2	226.1	233.2	242.8	247.5	259.4	264.2	264.2	266.6
162.5°	199.9	202.3	209.4	216.6	223.7	228.5	240.4	252.3	252.3	254.7
165°	202.3	199.9	202.3	204.7	209.4	211.8	219.0	235.6	240.4	242.8
167.5°	207.1	199.9	199.9	199.9	204.7	204.7	211.8	221.3	238.0	233.2
170°	207.1	199.9	195.2	195.2	197.5	195.2	199.9	207.1	216.6	226.1
172.5°	209.4	202.3	195.2	185.6	188.0	185.6	180.9	180.9	183.3	214.2
175°	207.1	202.3	192.8	180.9	178.5	171.4	157.1	145.2	138.0	107.1
177.5°	204.7	197.5	190.4	180.9	176.1	169.0	152.3	133.3	114.2	109.5
180°	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2	195.2



TEST NUMBER: P894508  
 CATALOG NUMBER: 8TMB-12SL-FLTU-UNV-L950

**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	15.44	16.75	16.05	17.39	18.11	18.06	19.38	18.68	20.02	20.74
	3H	16.84	18.04	17.47	18.68	19.44	20.53	21.73	21.15	22.37	23.13
	4H	17.27	18.40	17.91	19.06	19.83	21.69	22.83	22.34	23.49	24.26
	6H	17.50	18.56	18.16	19.23	20.01	22.87	23.93	23.54	24.60	25.38
	8H	17.55	18.56	18.22	19.24	20.03	23.47	24.48	24.14	25.17	25.95
	12H	17.56	18.52	18.23	19.21	20.02	24.10	25.07	24.78	25.75	26.57
4H	2H	16.34	17.48	16.99	18.13	18.90	18.41	19.55	19.06	20.20	20.97
	3H	17.96	18.93	18.62	19.62	20.41	21.07	22.04	21.73	22.73	23.52
	4H	18.51	19.40	19.19	20.10	20.91	22.39	23.27	23.07	23.97	24.79
	6H	18.85	19.63	19.55	20.35	21.18	23.74	24.52	24.44	25.24	26.07
	8H	18.93	19.66	19.63	20.38	21.22	24.43	25.16	25.13	25.88	26.72
	12H	18.96	19.62	19.68	20.36	21.21	25.18	25.85	25.91	26.59	27.43
8H	4H	19.18	19.91	19.88	20.63	21.47	22.54	23.27	23.24	23.99	24.83
	6H	19.68	20.30	20.42	21.06	21.90	24.03	24.65	24.76	25.41	26.25
	8H	19.84	20.39	20.58	21.15	22.01	24.84	25.40	25.58	26.16	27.01
	12H	19.93	20.42	20.67	21.17	22.09	25.75	26.24	26.50	27.00	27.91
12H	4H	19.35	20.01	20.07	20.76	21.60	22.53	23.19	23.25	23.93	24.78
	6H	19.95	20.50	20.69	21.27	22.12	24.05	24.60	24.79	25.36	26.22
	8H	20.18	20.68	20.93	21.43	22.35	24.91	25.40	25.66	26.15	27.07