

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: P894550

Luminaire Tested: 8TMB-12SL-RNDU-UNV-L835

Issue Date: 11/11/2024

**Test Information**

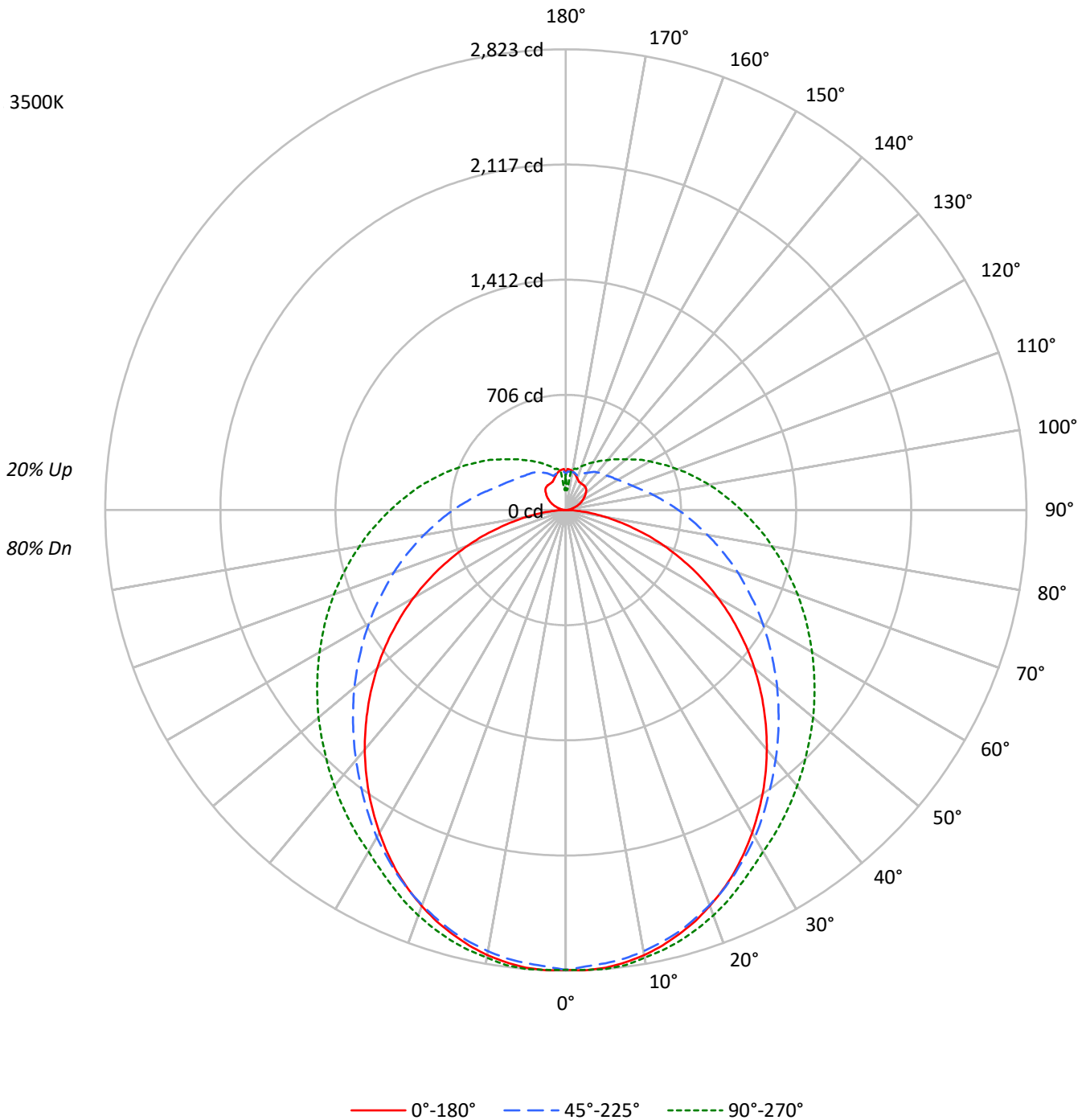
Test Method: LM-79-2019  
Report Number: P894550  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-12SL-RNDU-UNV-L835  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11851.0 lumens  
Efficiency: N/A  
Efficacy: 133.5 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.28 / 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 (Ain): 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-RNDU-UNV-L835

### 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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	83	83	83	80
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	65	65	65	61
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	53	53	49
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	44	44	41
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	37	37	34
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	32	32	29
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	28	28	26
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	25	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	22	22	20
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20	20	20	20	18
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	18	18	16

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

	0°	45°	90°
0°	9997	9997	9997
5°	10003	9590	9595
10°	9932	9230	9151
15°	9809	8864	8741
20°	9656	8476	8321
25°	9467	8084	7900
30°	9219	7688	7526
35°	8963	7279	7251
40°	8688	6910	7001
45°	8391	6583	6779
50°	8080	6293	6607
55°	7722	6026	6457
60°	7317	5809	6345
65°	6821	5620	6281
70°	6202	5509	6261
75°	5358	5436	6288
80°	4343	5458	6388
85°	3026	5631	6597

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8391 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	266.6	2.2
10°-20°	760.1	6.4
20°-30°	1141.2	9.6
30°-40°	1372.3	11.6
40°-50°	1454.0	12.3
50°-60°	1400.2	11.8
60°-70°	1239.2	10.5
70°-80°	1016.5	8.6
80°-90°	788.7	6.7
90°-100°	612.2	5.2
100°-110°	485.1	4.1
110°-120°	386.4	3.3
120°-130°	307.0	2.6
130°-140°	239.7	2.0
140°-150°	176.4	1.5
150°-160°	116.7	1.0
160°-170°	67.1	0.6
170°-180°	21.6	0.2
0°-30°	2167.9	18.3
0°-40°	3540.3	29.9
0°-60°	6394.5	54.0
0°-90°	9438.9	79.6
90°-120°	1483.6	12.5
90°-150°	2206.7	18.6
90°-180°	2412.0	20.4
0°-180°	11851.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2818	2818	2818	2818	2818	
5°	2815	2818	2788	2810	2823	267
15°	2689	2692	2676	2716	2729	758
25°	2448	2456	2456	2517	2533	1126
35°	2107	2134	2158	2271	2316	1317
45°	1716	1756	1844	2019	2091	1324
55°	1295	1359	1539	1767	1860	1158
65°	858	976	1252	1515	1627	849
75°	429	643	997	1279	1397	459
85°	96	389	780	1064	1177	110
90°	3	306	689	965	1075	7
95°	13	252	609	871	978	14
105°	48	204	480	713	807	52
115°	96	196	399	582	660	95
125°	139	204	348	480	539	124
135°	177	217	314	402	440	135
145°	188	214	284	346	367	118
155°	190	222	244	295	311	90
165°	225	239	231	231	260	63
175°	249	247	236	196	131	23
180°	217	217	217	217	217	



TEST NUMBER: P894550  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6
2.5°	2823.0	2820.3	2825.6	2831.0	2847.1	2825.6	2836.4	2806.9	2809.6	2812.2	2798.8
5°	2814.9	2806.9	2814.9	2820.3	2833.7	2817.6	2828.3	2796.1	2798.8	2804.2	2788.1
7.5°	2796.1	2788.1	2793.5	2798.8	2812.2	2796.1	2809.6	2777.4	2782.7	2785.4	2772.0
10°	2769.3	2758.6	2764.0	2772.0	2782.7	2769.3	2780.1	2750.6	2753.3	2758.6	2745.2
12.5°	2734.5	2723.8	2729.1	2734.5	2747.9	2734.5	2745.2	2715.7	2721.1	2726.4	2713.0
15°	2688.9	2678.2	2683.6	2688.9	2699.6	2691.6	2702.3	2672.8	2678.2	2688.9	2675.5
17.5°	2640.7	2624.6	2629.9	2638.0	2648.7	2643.3	2651.4	2627.3	2629.9	2640.7	2627.3
20°	2581.7	2565.6	2571.0	2579.0	2589.7	2587.0	2592.4	2571.0	2576.3	2589.7	2576.3
22.5°	2517.3	2501.3	2506.6	2517.3	2525.4	2525.4	2528.1	2512.0	2517.3	2530.7	2520.0
25°	2447.6	2431.5	2436.9	2447.6	2455.7	2455.7	2461.0	2445.0	2453.0	2466.4	2455.7
27.5°	2367.2	2359.2	2359.2	2369.9	2375.3	2380.6	2383.3	2369.9	2380.6	2394.0	2386.0
30°	2284.1	2273.4	2278.7	2292.1	2292.1	2302.9	2302.9	2292.1	2305.5	2321.6	2316.3
32.5°	2195.6	2187.6	2190.3	2206.4	2206.4	2219.8	2217.1	2211.7	2225.1	2243.9	2238.5
35°	2107.2	2099.1	2101.8	2117.9	2117.9	2134.0	2128.6	2128.6	2142.0	2163.5	2158.1
37.5°	2013.3	2008.0	2010.7	2026.7	2026.7	2042.8	2037.5	2040.1	2056.2	2080.4	2077.7
40°	1916.8	1911.5	1916.8	1930.2	1935.6	1949.0	1943.6	1949.0	1970.4	1991.9	1999.9
42.5°	1817.6	1814.9	1820.3	1833.7	1839.1	1852.5	1849.8	1857.8	1879.3	1911.5	1922.2
45°	1715.8	1715.8	1721.1	1734.5	1739.9	1756.0	1753.3	1764.0	1790.8	1825.7	1844.4
47.5°	1613.9	1616.6	1619.2	1635.3	1635.3	1662.1	1654.1	1670.2	1705.0	1745.2	1766.7
50°	1509.3	1514.7	1517.4	1530.8	1536.1	1560.3	1554.9	1581.7	1619.2	1662.1	1691.6
52.5°	1404.8	1410.1	1415.5	1426.2	1431.6	1461.1	1455.7	1490.6	1536.1	1581.7	1613.9
55°	1294.9	1305.6	1308.3	1321.7	1329.7	1359.2	1359.2	1399.4	1447.7	1498.6	1538.8
57.5°	1187.6	1198.3	1201.0	1217.1	1227.8	1262.7	1268.1	1313.6	1367.2	1418.2	1466.4
60°	1077.7	1091.1	1093.8	1109.9	1128.6	1166.2	1174.2	1225.2	1284.1	1337.8	1394.1
62.5°	967.8	981.2	986.6	1002.6	1032.1	1069.7	1083.1	1142.1	1203.7	1262.7	1324.3
65°	857.9	871.3	879.3	900.8	935.6	975.8	994.6	1056.3	1126.0	1187.6	1252.0
67.5°	748.0	764.0	774.8	801.6	847.2	890.0	908.8	978.5	1050.9	1117.9	1184.9
70°	640.7	656.8	670.2	705.1	758.7	801.6	825.7	900.8	975.8	1048.2	1123.3
72.5°	536.2	552.3	571.0	613.9	672.9	721.2	748.0	825.7	908.8	981.2	1058.9
75°	428.9	447.7	469.2	528.1	595.2	643.4	672.9	756.0	841.8	914.2	997.3
77.5°	332.4	351.2	383.4	442.3	517.4	571.0	603.2	691.7	780.1	852.5	938.3
80°	244.0	262.7	305.6	370.0	447.7	498.6	538.9	630.0	721.2	796.2	882.0
82.5°	166.2	185.0	235.9	305.6	388.7	439.7	477.2	573.7	664.9	742.6	828.4
85°	96.5	123.3	176.9	252.0	337.8	388.7	426.3	525.5	613.9	691.7	780.1
87.5°	42.9	75.1	134.0	209.1	294.9	343.2	383.4	474.5	568.3	646.1	734.6
90°	2.7	42.9	104.6	176.9	260.0	305.6	343.2	434.3	522.8	603.2	689.0
92.5°	5.4	29.5	85.8	152.8	230.6	276.1	313.7	399.4	482.6	565.7	648.8
95°	13.4	29.5	75.1	136.7	209.1	252.0	286.9	370.0	447.7	528.1	608.6
97.5°	21.4	32.2	72.4	128.7	193.0	233.2	265.4	343.2	420.9	493.3	573.7
100°	29.5	40.2	72.4	123.3	182.3	219.8	249.3	321.7	394.1	461.1	541.5
102.5°	37.5	48.3	77.7	123.3	176.9	209.1	238.6	305.6	372.6	434.3	509.4
105°	48.3	56.3	83.1	123.3	171.6	203.7	227.9	289.5	353.9	412.9	479.9
107.5°	59.0	64.3	88.5	126.0	171.6	198.4	222.5	278.8	337.8	391.4	455.7
110°	72.4	75.1	96.5	131.4	171.6	195.7	217.2	270.8	324.4	375.3	434.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	83.1	83.1	104.6	136.7	171.6	195.7	214.5	262.7	313.7	359.2	415.5
115°	96.5	96.5	112.6	142.1	174.3	195.7	214.5	260.0	305.6	345.8	399.4
117.5°	107.2	107.2	123.3	147.4	179.6	198.4	214.5	254.7	297.6	335.1	383.4
120°	118.0	118.0	128.7	152.8	182.3	201.1	214.5	252.0	289.5	327.1	370.0
122.5°	128.7	128.7	136.7	160.9	185.0	201.1	214.5	249.3	284.2	316.3	356.6
125°	139.4	139.4	144.8	166.2	190.3	203.7	217.2	249.3	281.5	308.3	348.5
127.5°	150.1	147.4	155.5	174.3	193.0	206.4	219.8	249.3	276.1	302.9	337.8
130°	158.2	155.5	166.2	179.6	198.4	209.1	219.8	246.6	273.4	297.6	327.1
132.5°	168.9	163.5	176.9	182.3	203.7	214.5	222.5	246.6	270.8	292.2	321.7
135°	176.9	171.6	185.0	190.3	206.4	217.2	225.2	246.6	268.1	289.5	313.7
137.5°	182.3	179.6	193.0	198.4	209.1	219.8	227.9	246.6	265.4	284.2	308.3
140°	185.0	182.3	193.0	203.7	209.1	219.8	225.2	244.0	262.7	278.8	300.3
142.5°	187.7	187.7	195.7	206.4	209.1	217.2	225.2	241.3	257.4	270.8	294.9
145°	187.7	187.7	195.7	209.1	211.8	214.5	219.8	235.9	249.3	262.7	284.2
147.5°	187.7	187.7	198.4	209.1	214.5	217.2	214.5	230.6	244.0	254.7	273.4
150°	187.7	187.7	198.4	209.1	217.2	219.8	217.2	225.2	235.9	246.6	262.7
152.5°	190.3	190.3	198.4	209.1	217.2	219.8	219.8	219.8	227.9	238.6	254.7
155°	190.3	193.0	198.4	214.5	219.8	222.5	222.5	222.5	219.8	230.6	244.0
157.5°	198.4	201.1	203.7	217.2	222.5	225.2	225.2	225.2	222.5	219.8	233.2
160°	206.4	209.1	211.8	222.5	227.9	230.6	230.6	230.6	225.2	222.5	222.5
162.5°	214.5	219.8	219.8	225.2	230.6	233.2	233.2	235.9	230.6	227.9	225.2
165°	225.2	227.9	227.9	230.6	235.9	238.6	235.9	238.6	235.9	233.2	230.6
167.5°	233.2	235.9	235.9	238.6	238.6	241.3	241.3	241.3	238.6	235.9	235.9
170°	241.3	244.0	244.0	244.0	244.0	244.0	244.0	244.0	241.3	235.9	235.9
172.5°	246.6	249.3	249.3	246.6	246.6	246.6	246.6	244.0	238.6	235.9	235.9
175°	249.3	252.0	252.0	249.3	246.6	246.6	246.6	244.0	238.6	235.9	235.9
177.5°	252.0	254.7	252.0	252.0	246.6	246.6	246.6	246.6	241.3	238.6	235.9
180°	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6	2817.6
2.5°	2814.9	2782.7	2804.2	2806.9	2817.6	2806.9	2814.9	2806.9	2828.3	2820.3
5°	2804.2	2774.7	2793.5	2796.1	2809.6	2796.1	2809.6	2804.2	2831.0	2823.0
7.5°	2785.4	2761.3	2777.4	2780.1	2796.1	2782.7	2796.1	2790.8	2823.0	2812.2
10°	2758.6	2739.8	2755.9	2758.6	2774.7	2761.3	2772.0	2766.7	2801.5	2785.4
12.5°	2729.1	2713.0	2726.4	2729.1	2747.9	2734.5	2747.9	2742.5	2777.4	2761.3
15°	2686.2	2678.2	2691.6	2697.0	2715.7	2705.0	2718.4	2713.0	2750.6	2729.1
17.5°	2643.3	2638.0	2651.4	2656.7	2678.2	2664.8	2678.2	2672.8	2710.4	2688.9
20°	2589.7	2587.0	2600.4	2608.5	2627.3	2613.8	2629.9	2624.6	2664.8	2643.3
22.5°	2533.4	2533.4	2544.1	2552.2	2571.0	2560.2	2576.3	2573.6	2613.8	2592.4
25°	2471.8	2474.4	2485.2	2495.9	2517.3	2509.3	2522.7	2522.7	2560.2	2533.4
27.5°	2402.1	2415.5	2423.5	2436.9	2455.7	2447.6	2461.0	2463.7	2501.3	2474.4
30°	2329.7	2348.4	2356.5	2372.6	2388.7	2388.7	2402.1	2407.4	2445.0	2418.1
32.5°	2254.6	2276.1	2286.8	2308.2	2329.7	2329.7	2348.4	2356.5	2394.0	2369.9
35°	2179.5	2209.0	2222.4	2249.2	2270.7	2273.4	2292.1	2302.9	2340.4	2316.3
37.5°	2107.2	2144.7	2158.1	2190.3	2209.0	2214.4	2235.8	2249.2	2284.1	2262.7
40°	2032.1	2077.7	2093.8	2128.6	2144.7	2155.4	2176.9	2193.0	2225.1	2206.4
42.5°	1959.7	2010.7	2026.7	2064.3	2083.0	2093.8	2115.2	2136.7	2168.8	2150.1
45°	1887.3	1943.6	1962.4	2002.6	2018.7	2034.8	2058.9	2077.7	2107.2	2091.1
47.5°	1817.6	1876.6	1895.4	1938.3	1957.0	1975.8	1997.2	2024.1	2050.9	2034.8
50°	1745.2	1806.9	1831.0	1876.6	1892.7	1914.1	1940.9	1965.1	1991.9	1978.5
52.5°	1675.5	1739.9	1764.0	1812.3	1831.0	1852.5	1879.3	1906.1	1930.2	1919.5
55°	1600.5	1670.2	1697.0	1747.9	1766.7	1788.1	1817.6	1847.1	1868.6	1860.5
57.5°	1530.8	1603.2	1630.0	1686.3	1702.4	1729.2	1758.7	1790.8	1809.6	1801.5
60°	1461.1	1533.5	1565.6	1621.9	1640.7	1667.5	1697.0	1731.8	1747.9	1742.6
62.5°	1391.4	1466.4	1501.3	1560.3	1576.4	1605.8	1640.7	1670.2	1686.3	1683.6
65°	1327.0	1399.4	1439.6	1498.6	1514.7	1546.9	1579.0	1611.2	1627.3	1627.3
67.5°	1260.0	1337.8	1378.0	1439.6	1453.0	1487.9	1522.7	1554.9	1568.3	1568.3
70°	1198.3	1273.4	1319.0	1380.6	1394.1	1426.2	1463.8	1498.6	1509.3	1512.0
72.5°	1136.7	1211.8	1260.0	1324.3	1337.8	1369.9	1404.8	1442.3	1450.4	1453.0
75°	1077.7	1152.8	1201.0	1265.4	1278.8	1310.9	1348.5	1383.3	1394.1	1396.7
77.5°	1018.7	1093.8	1147.4	1209.1	1222.5	1254.6	1292.2	1327.0	1335.1	1340.4
80°	965.1	1037.5	1088.4	1155.5	1168.9	1201.0	1235.9	1270.7	1276.1	1284.1
82.5°	911.5	983.9	1037.5	1101.8	1115.2	1147.4	1182.3	1217.1	1222.5	1233.2
85°	860.6	932.9	986.6	1048.2	1064.3	1093.8	1131.3	1163.5	1168.9	1176.9
87.5°	815.0	882.0	938.3	997.3	1013.4	1042.9	1080.4	1112.6	1115.2	1126.0
90°	766.7	833.8	890.0	949.0	965.1	991.9	1029.5	1061.6	1067.0	1075.0
92.5°	726.5	788.2	847.2	903.5	916.9	946.3	981.2	1013.4	1018.7	1026.8
95°	683.6	745.3	804.3	857.9	871.3	900.8	932.9	965.1	970.5	978.5
97.5°	646.1	705.1	761.4	815.0	828.4	855.2	890.0	919.5	924.9	935.6
100°	611.2	667.5	726.5	774.8	788.2	815.0	847.2	876.6	882.0	892.7
102.5°	579.1	632.7	689.0	734.6	750.6	774.8	806.9	833.8	839.1	847.2
105°	549.6	600.5	654.1	697.0	713.1	737.2	766.7	793.5	798.9	806.9
107.5°	520.1	568.3	619.3	662.2	675.6	697.0	726.5	753.3	758.7	769.4
110°	493.3	541.5	589.8	630.0	646.1	662.2	691.7	715.8	721.2	729.2





TEST NUMBER: P894550  
 CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L835

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	469.2	512.0	560.3	597.8	611.2	630.0	654.1	678.3	683.6	694.3
115°	447.7	487.9	536.2	571.0	581.7	597.8	624.6	646.1	651.5	659.5
117.5°	428.9	463.8	506.7	541.5	554.9	568.3	592.5	611.2	619.3	624.6
120°	412.9	445.0	482.6	514.7	530.8	541.5	563.0	581.7	589.8	595.2
122.5°	396.8	426.3	461.1	490.6	504.0	512.0	536.2	552.3	560.3	568.3
125°	383.4	410.2	442.3	466.5	479.9	487.9	509.4	525.5	533.5	538.9
127.5°	370.0	394.1	426.3	445.0	458.4	463.8	482.6	498.6	506.7	509.4
130°	356.6	380.7	407.5	426.3	437.0	445.0	461.1	471.8	479.9	482.6
132.5°	345.8	367.3	391.4	410.2	420.9	423.6	439.7	450.4	458.4	461.1
135°	337.8	353.9	378.0	394.1	402.1	407.5	420.9	428.9	437.0	439.7
137.5°	327.1	343.2	364.6	375.3	386.0	388.7	402.1	410.2	418.2	420.9
140°	319.0	332.4	351.2	361.9	372.6	372.6	383.4	391.4	399.4	399.4
142.5°	311.0	324.4	340.5	351.2	359.2	359.2	370.0	375.3	383.4	383.4
145°	300.3	313.7	329.7	337.8	345.8	345.8	353.9	359.2	367.3	367.3
147.5°	289.5	302.9	319.0	324.4	332.4	332.4	340.5	345.8	351.2	351.2
150°	276.1	286.9	305.6	313.7	321.7	321.7	327.1	332.4	337.8	337.8
152.5°	265.4	273.4	289.5	300.3	308.3	308.3	313.7	319.0	324.4	324.4
155°	252.0	260.0	273.4	286.9	294.9	297.6	302.9	305.6	311.0	311.0
157.5°	241.3	249.3	260.0	270.8	278.8	284.2	292.2	294.9	297.6	297.6
160°	227.9	233.2	244.0	254.7	262.7	268.1	281.5	284.2	286.9	286.9
162.5°	222.5	222.5	227.9	235.9	244.0	246.6	260.0	270.8	276.1	273.4
165°	225.2	222.5	222.5	225.2	230.6	233.2	241.3	257.4	262.7	260.0
167.5°	230.6	225.2	222.5	222.5	227.9	227.9	235.9	249.3	265.4	260.0
170°	230.6	222.5	217.2	217.2	219.8	219.8	225.2	233.2	249.3	252.0
172.5°	227.9	222.5	214.5	203.7	206.4	203.7	201.1	206.4	209.1	235.9
175°	230.6	222.5	214.5	201.1	195.7	187.7	174.3	163.5	160.9	131.4
177.5°	227.9	219.8	209.1	198.4	193.0	182.3	166.2	147.4	136.7	120.6
180°	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2	217.2



TEST NUMBER: P894550  
 CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L835

**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	14.95	16.26	15.60	16.93	17.70	18.58	19.89	19.22	20.55	21.32
	3H	16.30	17.50	16.96	18.17	18.98	21.53	22.73	22.19	23.40	24.21
	4H	16.70	17.84	17.38	18.53	19.34	23.04	24.18	23.71	24.87	25.68
	6H	16.92	17.98	17.61	18.68	19.51	24.65	25.71	25.34	26.41	27.24
	8H	16.95	17.97	17.65	18.69	19.52	25.50	26.52	26.20	27.24	28.07
	12H	16.96	17.93	17.66	18.64	19.51	26.45	27.42	27.15	28.13	29.00
4H	2H	16.11	17.25	16.79	17.94	18.75	18.89	20.03	19.57	20.72	21.53
	3H	17.75	18.73	18.44	19.45	20.29	22.08	23.06	22.77	23.78	24.61
	4H	18.32	19.22	19.02	19.95	20.81	23.76	24.66	24.46	25.38	26.24
	6H	18.66	19.46	19.38	20.21	21.08	25.58	26.37	26.30	27.12	27.99
	8H	18.73	19.49	19.46	20.23	21.12	26.55	27.30	27.28	28.05	28.93
	12H	18.76	19.45	19.51	20.22	21.10	27.64	28.32	28.38	29.09	29.98
8H	4H	19.43	20.18	20.15	20.93	21.81	23.93	24.68	24.65	25.43	26.31
	6H	20.04	20.68	20.79	21.46	22.35	25.92	26.56	26.68	27.35	28.24
	8H	20.23	20.81	21.00	21.60	22.50	27.04	27.62	27.81	28.41	29.31
	12H	20.34	20.86	21.11	21.64	22.60	28.32	28.84	29.09	29.62	30.57
12H	4H	19.79	20.48	20.54	21.25	22.14	23.92	24.61	24.67	25.38	26.27
	6H	20.57	21.15	21.34	21.94	22.84	25.95	26.53	26.72	27.32	28.22
	8H	20.90	21.42	21.67	22.20	23.15	27.13	27.65	27.90	28.43	29.39