

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: P894548

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894548
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 8TMB-12SL-RND-UNV-L950
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT
Light Source: -
Ballast/Driver: -

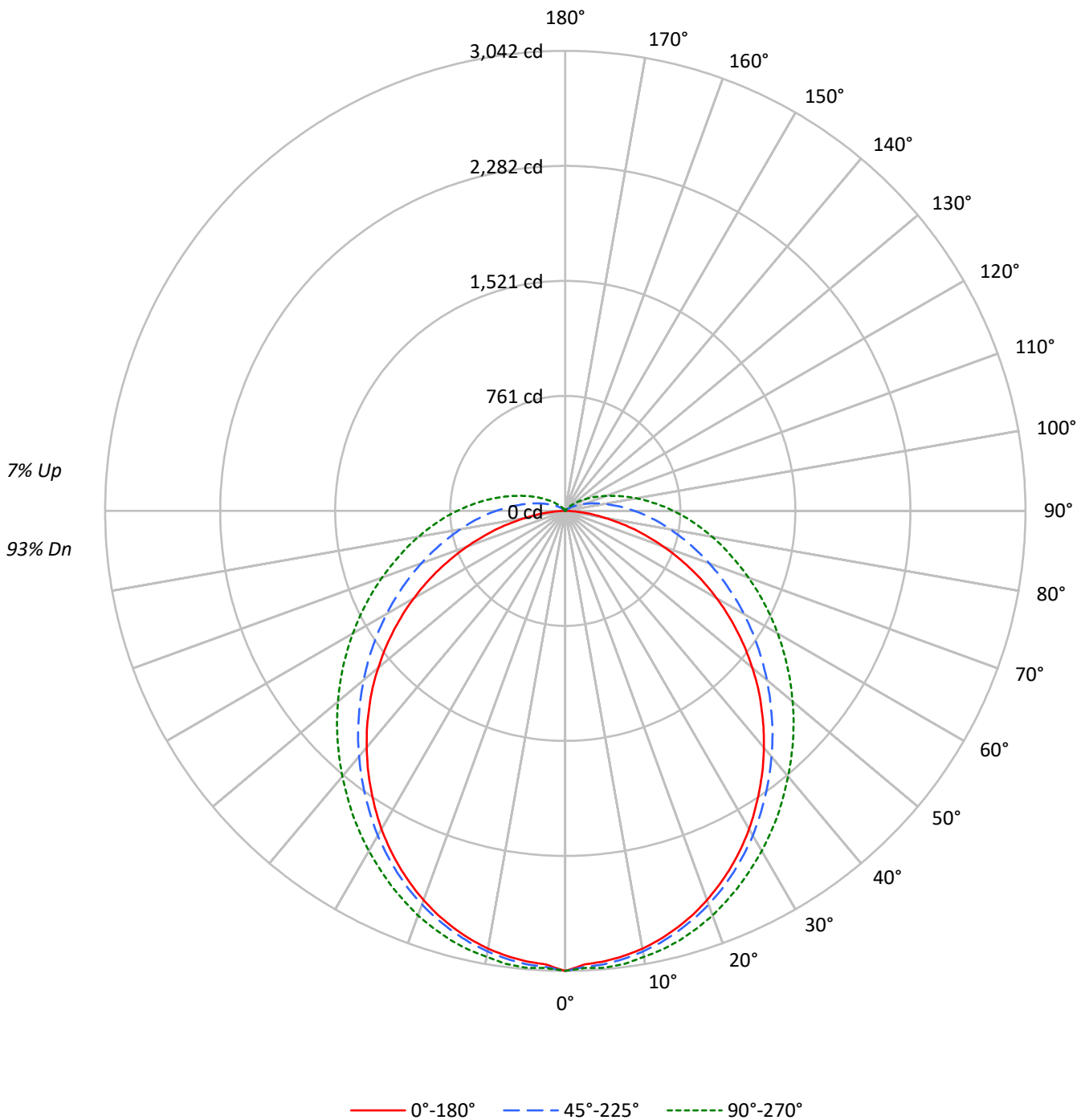
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10069.1 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.27 / 1.35
Luminous Opening: Rectangular (W 0.38' x L: 7.98' x H: 0')
CIE Type: Direct

Input Watts (W): 88.8
Input Voltage (V): 120
Input Current (A_{in}): 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

TEST NUMBER: P894548
CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

Luminous Intensity Polar Plot





TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	76	76	76	76	74
2	95	86	78	72	92	83	77	71	79	73	68	74	70	65	70	66	63	63	63	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	55	62	57	53	53	53	53	50
4	79	66	57	50	76	64	56	49	61	54	48	58	51	46	55	49	45	45	45	45	43
5	72	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	39	39	39	37
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	34	34	34	32
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	30	30	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	33	28	37	32	27	27	27	27	25
9	54	40	32	26	52	39	31	26	38	31	25	36	30	25	35	29	24	24	24	24	23
10	50	37	29	24	49	36	29	24	35	28	23	33	27	23	32	26	22	22	22	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10792	10792	10792
5°	10647	10715	10799
10°	10590	10658	10787
15°	10482	10570	10788
20°	10343	10460	10748
25°	10165	10314	10687
30°	9955	10160	10638
35°	9711	9979	10618
40°	9458	9822	10616
45°	9196	9685	10688
50°	8907	9603	10825
55°	8583	9585	11086
60°	8208	9677	11501
65°	7753	9930	12189
70°	7185	10493	13358
75°	6493	11680	15498
80°	5494	14395	20133
85°	4458	23445	34494

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 63496 cd/sqm



TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.7	2.9
10°-20°	819.6	8.1
20°-30°	1227.2	12.2
30°-40°	1463.2	14.5
40°-50°	1517.6	15.1
50°-60°	1407.9	14.0
60°-70°	1174.5	11.7
70°-80°	875.7	8.7
80°-90°	583.1	5.8
90°-100°	355.0	3.5
100°-110°	198.2	2.0
110°-120°	99.0	1.0
120°-130°	41.4	0.4
130°-140°	13.0	0.1
140°-150°	3.2	0.0
150°-160°	1.4	0.0
160°-170°	1.0	0.0
170°-180°	0.3	0.0
0°-30°	2334.4	23.2
0°-40°	3797.6	37.7
0°-60°	6723.1	66.8
0°-90°	9356.4	92.9
90°-120°	652.2	6.5
90°-150°	709.9	7.1
90°-180°	713.0	7.1
0°-180°	10069.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3042	3042	3042	3042	3042	
5°	2989	3058	3008	3025	3032	284
15°	2854	2927	2877	2930	2937	805
25°	2596	2666	2635	2708	2730	1195
35°	2242	2301	2304	2418	2451	1402
45°	1833	1880	1930	2082	2130	1414
55°	1388	1435	1549	1730	1792	1240
65°	923	997	1183	1383	1452	914
75°	474	604	852	1059	1130	501
85°	110	300	576	774	847	123
90°	5	198	457	645	714	8
95°	0	121	352	528	590	0
105°	0	38	193	326	376	0
115°	2	10	90	183	219	2
125°	2	2	36	88	110	2
135°	2	2	10	31	40	2
145°	2	2	2	7	10	2
155°	5	5	2	2	2	2
165°	5	5	2	2	2	1
175°	5	5	5	2	0	0
180°	5	5	5	5	5	



TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6
2.5°	3001.1	3005.9	3048.7	3046.3	3039.2	3067.8	3074.9	3051.1	3013.0	3051.1	3017.8
5°	2989.2	2994.0	3036.8	3034.4	3027.3	3058.2	3060.6	3039.2	3001.1	3039.2	3008.3
7.5°	2967.8	2972.6	3015.4	3013.0	3008.3	3039.2	3036.8	3020.2	2979.7	3020.2	2986.8
10°	2939.2	2941.6	2986.8	2982.1	2979.7	3010.6	3003.5	2989.2	2948.8	2989.2	2958.3
12.5°	2901.2	2903.5	2948.8	2944.0	2944.0	2972.6	2963.0	2951.1	2910.7	2948.8	2922.6
15°	2853.6	2855.9	2898.8	2896.4	2896.4	2927.3	2913.1	2903.5	2865.5	2905.9	2877.4
17.5°	2801.2	2798.8	2844.0	2839.3	2844.0	2872.6	2853.6	2848.8	2813.1	2851.2	2827.4
20°	2739.3	2739.3	2779.8	2777.4	2784.5	2810.7	2786.9	2789.3	2753.6	2794.1	2770.3
22.5°	2670.3	2667.9	2708.4	2708.4	2715.5	2741.7	2715.5	2722.7	2687.0	2725.0	2706.0
25°	2596.5	2591.8	2632.2	2632.2	2644.1	2665.5	2637.0	2646.5	2613.2	2651.3	2634.6
27.5°	2515.6	2508.5	2548.9	2551.3	2560.8	2582.3	2551.3	2565.6	2534.7	2570.4	2558.5
30°	2429.9	2422.8	2463.3	2465.6	2477.5	2494.2	2463.3	2482.3	2453.7	2489.4	2479.9
32.5°	2337.1	2332.4	2370.4	2375.2	2387.1	2399.0	2370.4	2389.5	2365.7	2401.4	2391.9
35°	2241.9	2237.2	2272.9	2280.0	2291.9	2301.4	2270.5	2296.7	2275.2	2308.6	2303.8
37.5°	2144.3	2137.2	2175.3	2180.0	2194.3	2199.1	2170.5	2201.5	2182.4	2215.7	2213.4
40°	2042.0	2034.9	2072.9	2077.7	2092.0	2092.0	2068.2	2101.5	2087.2	2118.2	2120.5
42.5°	1939.7	1932.5	1965.8	1975.4	1987.3	1987.3	1963.5	1999.2	1989.6	2020.6	2027.7
45°	1832.6	1825.4	1856.4	1865.9	1880.2	1880.2	1856.4	1896.8	1889.7	1920.6	1930.1
47.5°	1727.8	1718.3	1746.9	1756.4	1770.7	1768.3	1749.3	1789.7	1787.3	1818.3	1834.9
50°	1613.6	1606.5	1635.0	1644.5	1661.2	1656.4	1642.2	1685.0	1685.0	1715.9	1739.7
52.5°	1501.8	1494.6	1523.2	1532.7	1547.0	1547.0	1532.7	1577.9	1585.0	1616.0	1644.5
55°	1387.5	1378.0	1406.6	1416.1	1432.7	1435.1	1423.2	1468.4	1482.7	1518.4	1549.4
57.5°	1273.3	1268.5	1292.3	1301.8	1323.3	1323.3	1316.1	1363.7	1382.8	1420.8	1456.5
60°	1156.7	1151.9	1173.3	1185.2	1209.0	1213.8	1209.0	1259.0	1285.2	1323.3	1363.7
62.5°	1040.0	1035.3	1056.7	1073.4	1099.5	1104.3	1106.7	1159.0	1187.6	1228.1	1273.3
65°	923.4	918.7	940.1	959.1	990.1	997.2	1004.3	1059.1	1092.4	1135.2	1182.8
67.5°	806.8	804.4	825.8	849.6	883.0	892.5	904.4	961.5	999.6	1044.8	1097.2
70°	692.6	690.2	711.6	740.2	780.6	792.5	806.8	863.9	911.5	959.1	1011.5
72.5°	578.3	580.7	604.5	637.8	683.0	694.9	714.0	773.5	825.8	875.8	930.6
75°	473.6	473.6	499.8	537.9	587.8	604.5	625.9	687.8	742.5	794.9	852.0
77.5°	366.5	366.5	397.5	445.1	499.8	516.5	542.6	606.9	666.4	718.7	775.9
80°	268.9	273.7	309.4	357.0	414.1	435.5	466.5	530.7	595.0	647.3	704.5
82.5°	183.3	190.4	228.5	283.2	340.3	361.8	392.7	461.7	526.0	580.7	640.2
85°	109.5	121.4	161.8	216.6	276.1	299.9	333.2	397.5	461.7	516.5	575.9
87.5°	50.0	66.6	109.5	164.2	221.3	247.5	276.1	338.0	402.2	457.0	518.8
90°	4.8	28.6	71.4	119.0	173.7	197.5	226.1	285.6	347.5	397.5	457.0
92.5°	0.0	11.9	42.8	85.7	133.3	157.1	183.3	240.4	295.1	345.1	402.2
95°	0.0	4.8	23.8	59.5	100.0	121.4	145.2	197.5	252.3	299.9	352.2
97.5°	0.0	2.4	14.3	40.5	73.8	92.8	114.2	161.8	211.8	257.0	304.6
100°	0.0	2.4	7.1	26.2	54.7	69.0	90.4	130.9	176.1	216.6	264.2
102.5°	0.0	0.0	4.8	16.7	40.5	52.4	69.0	104.7	145.2	183.3	226.1
105°	0.0	0.0	2.4	11.9	28.6	38.1	52.4	83.3	119.0	152.3	192.8
107.5°	0.0	0.0	2.4	7.1	19.0	28.6	40.5	64.3	95.2	126.1	161.8
110°	2.4	2.4	2.4	4.8	14.3	21.4	28.6	50.0	78.5	104.7	135.7



TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	2.4	2.4	2.4	2.4	9.5	14.3	21.4	38.1	61.9	83.3	111.9
115°	2.4	2.4	2.4	2.4	7.1	9.5	14.3	28.6	47.6	66.6	90.4
117.5°	2.4	2.4	2.4	2.4	4.8	7.1	9.5	21.4	35.7	52.4	73.8
120°	2.4	2.4	2.4	2.4	2.4	4.8	7.1	14.3	28.6	40.5	59.5
122.5°	2.4	2.4	2.4	2.4	2.4	4.8	4.8	11.9	21.4	30.9	45.2
125°	2.4	2.4	2.4	2.4	2.4	2.4	4.8	7.1	14.3	23.8	35.7
127.5°	2.4	2.4	2.4	2.4	2.4	2.4	4.8	7.1	9.5	16.7	26.2
130°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	7.1	11.9	19.0
132.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	7.1	9.5	14.3
135°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	7.1	9.5
137.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	4.8	7.1
140°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	4.8
142.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8
145°	2.4	4.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
147.5°	2.4	4.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
150°	2.4	4.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
152.5°	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4
155°	4.8	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4	2.4	2.4
157.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4
160°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4
162.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4
165°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4	2.4
167.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4
170°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
172.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4
175°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
177.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
180°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8



TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6	3041.6
2.5°	3027.3	3034.4	3041.6	3022.5	3034.4	3055.9	3063.0	3034.4	3044.0	3024.9
5°	3017.8	3022.5	3032.1	3008.3	3024.9	3044.0	3055.9	3032.1	3046.3	3032.1
7.5°	2998.7	3003.5	3015.4	2991.6	3013.0	3029.7	3044.0	3020.2	3034.4	3020.2
10°	2970.2	2977.3	2994.0	2965.4	2991.6	3005.9	3020.2	2994.0	3008.3	2994.0
12.5°	2934.5	2946.4	2960.7	2934.5	2960.7	2972.6	2991.6	2965.4	2982.1	2970.2
15°	2891.6	2903.5	2922.6	2896.4	2929.7	2939.2	2958.3	2932.1	2948.8	2936.9
17.5°	2841.7	2855.9	2879.7	2848.8	2886.9	2894.0	2913.1	2889.3	2905.9	2894.0
20°	2784.5	2798.8	2822.6	2794.1	2832.1	2836.9	2858.3	2836.9	2853.6	2846.4
22.5°	2717.9	2734.6	2758.4	2732.2	2772.6	2772.6	2798.8	2777.4	2796.4	2789.3
25°	2648.9	2667.9	2694.1	2665.5	2708.4	2708.4	2736.9	2715.5	2734.6	2729.8
27.5°	2575.1	2596.5	2627.5	2598.9	2641.7	2639.4	2667.9	2648.9	2670.3	2663.2
30°	2496.6	2520.4	2551.3	2527.5	2572.7	2568.0	2596.5	2579.9	2598.9	2596.5
32.5°	2410.9	2437.1	2475.2	2449.0	2494.2	2489.4	2525.1	2506.1	2529.9	2525.1
35°	2325.2	2353.8	2391.9	2368.1	2418.0	2410.9	2446.6	2429.9	2453.7	2451.4
37.5°	2237.2	2268.1	2306.2	2287.1	2334.7	2327.6	2365.7	2351.4	2377.6	2370.4
40°	2146.7	2177.7	2218.1	2201.5	2251.4	2241.9	2282.4	2270.5	2296.7	2291.9
42.5°	2056.3	2089.6	2130.1	2120.5	2168.1	2158.6	2199.1	2189.6	2215.7	2211.0
45°	1963.5	1999.2	2042.0	2032.5	2082.5	2072.9	2113.4	2106.3	2132.4	2130.1
47.5°	1870.6	1908.7	1951.6	1946.8	1994.4	1984.9	2027.7	2020.6	2046.8	2046.8
50°	1775.4	1818.3	1861.1	1858.7	1906.3	1896.8	1934.9	1934.9	1963.5	1961.1
52.5°	1680.2	1725.5	1770.7	1770.7	1818.3	1808.8	1851.6	1849.2	1877.8	1877.8
55°	1589.8	1630.3	1675.5	1685.0	1730.2	1715.9	1761.2	1765.9	1789.7	1792.1
57.5°	1499.4	1542.2	1587.4	1599.3	1642.2	1632.6	1675.5	1680.2	1704.0	1706.4
60°	1408.9	1449.4	1494.6	1511.3	1554.1	1544.6	1587.4	1592.2	1618.4	1620.7
62.5°	1318.5	1359.0	1408.9	1425.6	1466.1	1458.9	1504.1	1508.9	1532.7	1537.5
65°	1230.4	1273.3	1320.9	1344.7	1382.8	1373.2	1418.5	1423.2	1449.4	1451.8
67.5°	1144.8	1187.6	1235.2	1261.4	1297.1	1292.3	1335.2	1344.7	1366.1	1370.9
70°	1061.5	1104.3	1154.3	1180.5	1216.2	1213.8	1254.2	1261.4	1285.2	1287.6
72.5°	980.5	1023.4	1073.4	1104.3	1135.2	1132.9	1173.3	1182.8	1206.6	1209.0
75°	902.0	947.2	994.8	1028.1	1059.1	1056.7	1097.2	1106.7	1128.1	1130.5
77.5°	828.2	873.4	923.4	956.7	982.9	985.3	1021.0	1030.5	1051.9	1059.1
80°	759.2	802.0	849.6	885.3	909.1	913.9	947.2	959.1	975.8	985.3
82.5°	692.6	735.4	783.0	816.3	840.1	844.9	875.8	890.1	906.8	913.9
85°	628.3	671.1	716.4	752.1	773.5	775.9	806.8	821.1	835.4	847.3
87.5°	566.4	609.3	652.1	690.2	709.2	714.0	742.5	756.8	768.7	780.6
90°	504.6	547.4	590.2	625.9	645.0	647.3	678.3	692.6	704.5	714.0
92.5°	447.4	490.3	533.1	568.8	585.5	590.2	616.4	633.1	642.6	652.1
95°	392.7	435.5	473.6	511.7	528.3	535.5	559.3	573.6	585.5	590.2
97.5°	345.1	383.2	418.9	457.0	471.2	478.4	502.2	518.8	528.3	533.1
100°	299.9	335.6	368.9	404.6	418.9	426.0	447.4	461.7	471.2	478.4
102.5°	259.4	292.7	323.7	357.0	371.3	376.0	395.1	409.4	418.9	426.0
105°	223.7	254.7	283.2	314.2	326.1	333.2	349.9	361.8	371.3	376.0
107.5°	190.4	221.3	245.1	273.7	285.6	290.4	307.0	321.3	328.4	330.8
110°	161.8	188.0	211.8	235.6	249.9	254.7	268.9	280.8	288.0	290.4



TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L950

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	135.7	159.5	180.9	202.3	214.2	219.0	233.2	245.1	249.9	252.3
115°	111.9	135.7	152.3	173.7	183.3	188.0	199.9	211.8	214.2	219.0
117.5°	90.4	111.9	128.5	145.2	154.7	159.5	169.0	178.5	183.3	185.6
120°	73.8	90.4	104.7	121.4	128.5	133.3	142.8	152.3	154.7	157.1
122.5°	59.5	73.8	85.7	100.0	107.1	111.9	119.0	126.1	128.5	130.9
125°	45.2	59.5	69.0	80.9	88.1	90.4	97.6	104.7	107.1	109.5
127.5°	35.7	45.2	54.7	64.3	69.0	71.4	78.5	83.3	85.7	88.1
130°	26.2	33.3	40.5	50.0	54.7	57.1	61.9	66.6	69.0	69.0
132.5°	19.0	26.2	30.9	38.1	40.5	42.8	47.6	52.4	52.4	54.7
135°	11.9	16.7	21.4	26.2	30.9	30.9	35.7	38.1	40.5	40.5
137.5°	9.5	11.9	14.3	19.0	21.4	23.8	23.8	28.6	28.6	28.6
140°	7.1	9.5	9.5	11.9	14.3	16.7	16.7	19.0	19.0	19.0
142.5°	4.8	7.1	7.1	9.5	9.5	11.9	11.9	11.9	14.3	14.3
145°	4.8	4.8	4.8	7.1	7.1	7.1	7.1	9.5	9.5	9.5
147.5°	2.4	2.4	4.8	4.8	4.8	4.8	4.8	7.1	7.1	7.1
150°	2.4	2.4	2.4	2.4	2.4	4.8	4.8	4.8	4.8	4.8
152.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
155°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
157.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
160°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
162.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
165°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
167.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
170°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
172.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
175°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0
177.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0
180°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8



TEST NUMBER: P894548
 CATALOG NUMBER: 8TMB-12SL-RND-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	18.55	20.09	19.02	20.55	21.03	20.12	21.66	20.59	22.12	22.60
	3H	20.23	21.63	20.71	22.10	22.63	22.75	24.15	23.23	24.62	25.15
	4H	20.83	22.16	21.33	22.64	23.18	24.06	25.39	24.56	25.88	26.42
	6H	21.23	22.46	21.74	22.96	23.52	25.47	26.70	25.98	27.20	27.76
	8H	21.34	22.53	21.87	23.05	23.61	26.21	27.40	26.74	27.92	28.49
	12H	21.42	22.56	21.95	23.07	23.67	27.06	28.20	27.60	28.72	29.31
4H	2H	19.48	20.81	19.98	21.29	21.84	20.68	22.01	21.18	22.49	23.03
	3H	21.46	22.60	21.98	23.12	23.69	23.59	24.73	24.11	25.25	25.82
	4H	22.23	23.28	22.77	23.81	24.41	25.12	26.16	25.65	26.69	27.29
	6H	22.82	23.74	23.37	24.30	24.91	26.76	27.68	27.31	28.24	28.85
	8H	23.00	23.86	23.56	24.43	25.05	27.64	28.51	28.20	29.07	29.69
	12H	23.12	23.91	23.70	24.50	25.13	28.64	29.43	29.23	30.02	30.65
8H	4H	23.11	23.98	23.68	24.54	25.17	25.48	26.34	26.04	26.91	27.53
	6H	24.00	24.73	24.59	25.34	25.97	27.38	28.11	27.97	28.72	29.35
	8H	24.34	25.01	24.95	25.63	26.27	28.46	29.13	29.07	29.74	30.38
	12H	24.61	25.21	25.22	25.81	26.52	29.73	30.32	30.33	30.93	31.63
12H	4H	23.39	24.18	23.97	24.77	25.40	25.52	26.31	26.10	26.90	27.53
	6H	24.44	25.11	25.05	25.73	26.37	27.49	28.15	28.09	28.77	29.41
	8H	24.96	25.56	25.57	26.16	26.87	28.68	29.28	29.29	29.88	30.59