

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: P894500

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

Issue Date: 11/11/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P894500  
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: 8TMB-12SL-FLT-UNV-L950  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 5000K CCT  
Light Source: -  
Ballast/Driver: -

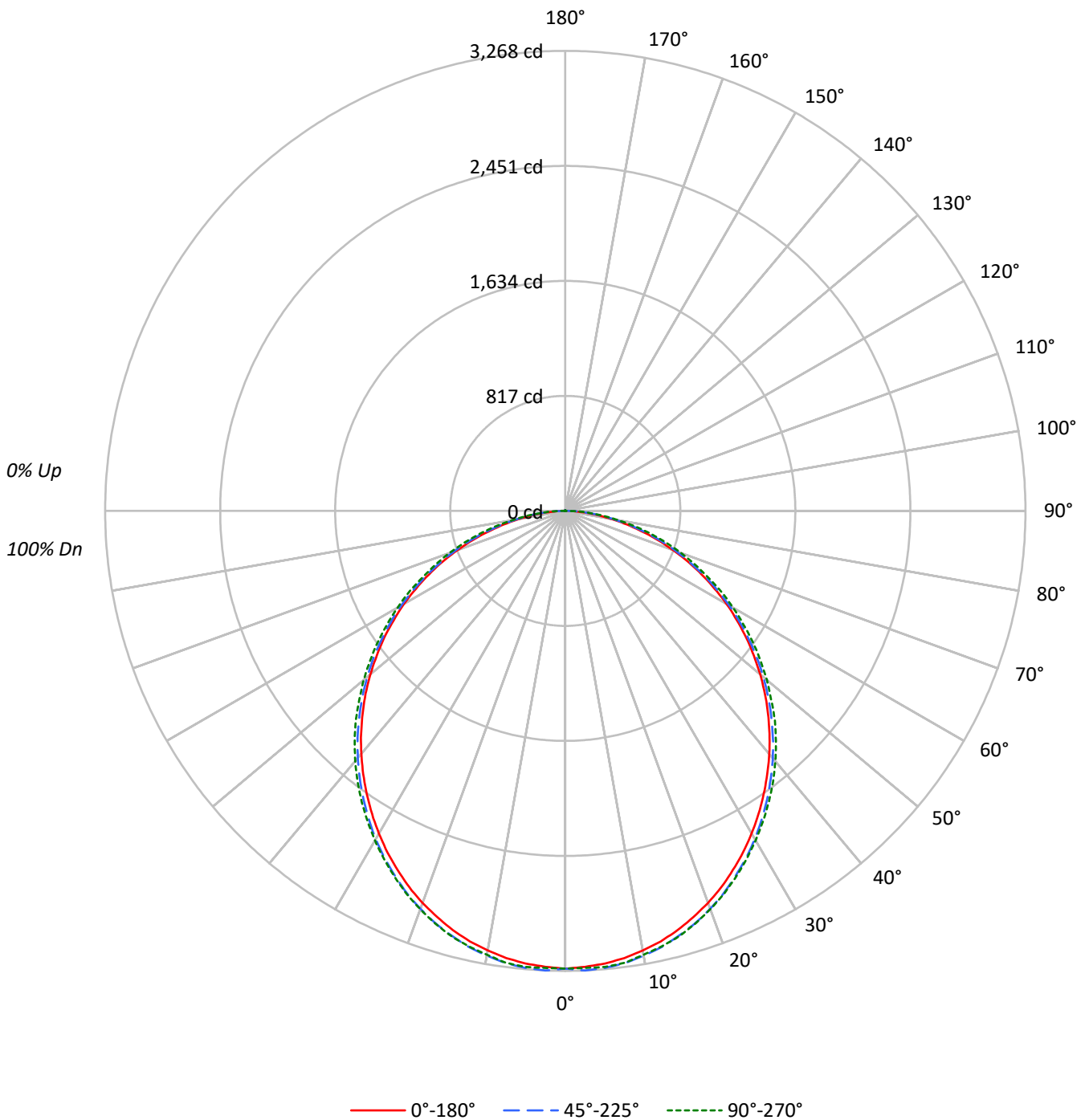
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9026.1 lumens  
Efficiency: N/A  
Efficacy: 101.6 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34  
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 (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

TEST NUMBER: P894500  
CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L950

### 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	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°	11537	11537	11537
5°	11496	11606	11581
10°	11423	11561	11535
15°	11323	11472	11489
20°	11190	11360	11369
25°	11024	11201	11229
30°	10844	11030	11078
35°	10640	10826	10919
40°	10441	10617	10749
45°	10212	10379	10558
50°	9973	10130	10314
55°	9703	9851	10057
60°	9392	9544	9763
65°	8973	9153	9392
70°	8446	8692	9088
75°	7766	8092	8615
80°	6857	7393	7783
85°	5911	6782	7267

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 10558 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	307.5	3.4
10°-20°	876.4	9.7
20°-30°	1313.3	14.5
30°-40°	1562.6	17.3
40°-50°	1603.4	17.8
50°-60°	1436.4	15.9
60°-70°	1091.4	12.1
70°-80°	634.4	7.0
80°-90°	190.4	2.1
90°-100°	4.5	0.1
100°-110°	0.8	0.0
110°-120°	0.0	0.0
120°-130°	0.4	0.0
130°-140°	1.0	0.0
140°-150°	1.5	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2497.1	27.7
0°-40°	4059.8	45.0
0°-60°	7099.6	78.7
0°-90°	9015.8	99.9
90°-120°	5.4	0.1
90°-150°	8.2	0.1
90°-180°	10.0	0.1
0°-180°	9026.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3252	3252	3252	3252	3252	
5°	3228	3282	3259	3242	3252	306
15°	3082	3142	3123	3118	3128	869
25°	2816	2880	2861	2856	2868	1298
35°	2456	2516	2499	2506	2521	1537
45°	2035	2085	2068	2085	2104	1570
55°	1569	1607	1592	1612	1626	1401
65°	1069	1095	1090	1109	1119	1058
75°	566	588	590	612	628	601
85°	145	157	167	178	178	159
90°	2	10	10	17	14	10
95°	0	2	2	5	7	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	2
155°	2	2	2	2	2	1
165°	2	2	2	2	2	1
175°	5	5	5	2	2	0
180°	2	2	2	2	2	



TEST NUMBER: P894500  
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L950

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5
2.5°	3242.0	3237.2	3242.0	3239.6	3263.4	3292.0	3287.2	3265.8	3242.0	3249.1	3268.2
5°	3227.7	3225.3	3232.5	3227.7	3251.5	3282.5	3272.9	3253.9	3232.5	3239.6	3258.7
7.5°	3203.9	3203.9	3213.4	3208.7	3230.1	3261.0	3251.5	3234.8	3213.4	3220.6	3239.6
10°	3170.6	3173.0	3184.9	3177.7	3196.8	3230.1	3220.6	3203.9	3184.9	3189.6	3208.7
12.5°	3132.5	3132.5	3146.8	3139.6	3158.7	3189.6	3177.7	3165.8	3146.8	3151.5	3173.0
15°	3082.5	3084.9	3101.6	3094.4	3111.1	3142.0	3130.1	3120.6	3103.9	3106.3	3123.0
17.5°	3025.4	3032.5	3049.2	3042.0	3058.7	3089.6	3075.4	3065.8	3051.6	3053.9	3070.6
20°	2963.5	2970.6	2987.3	2982.5	2994.4	3025.4	3011.1	3006.3	2992.1	2994.4	3008.7
22.5°	2894.5	2901.6	2920.6	2915.9	2927.8	2958.7	2942.1	2939.7	2925.4	2927.8	2939.7
25°	2815.9	2825.4	2846.9	2842.1	2851.6	2880.2	2865.9	2861.1	2851.6	2851.6	2861.1
27.5°	2735.0	2744.5	2768.3	2761.2	2768.3	2799.3	2782.6	2780.2	2770.7	2770.7	2780.2
30°	2646.9	2656.4	2682.6	2675.5	2682.6	2708.8	2692.1	2694.5	2685.0	2685.0	2692.1
32.5°	2554.1	2561.2	2589.8	2585.0	2589.8	2616.0	2599.3	2601.7	2592.2	2594.5	2596.9
35°	2456.5	2463.6	2494.6	2489.8	2492.2	2516.0	2504.1	2504.1	2497.0	2494.6	2499.3
37.5°	2356.5	2363.7	2401.7	2389.8	2389.8	2413.6	2404.1	2404.1	2397.0	2394.6	2397.0
40°	2254.2	2258.9	2299.4	2287.5	2285.1	2306.5	2299.4	2299.4	2294.6	2289.9	2292.2
42.5°	2147.0	2154.2	2194.7	2185.1	2175.6	2199.4	2192.3	2194.7	2187.5	2182.7	2182.7
45°	2035.2	2042.3	2082.8	2078.0	2063.7	2085.2	2078.0	2082.8	2073.3	2068.5	2068.5
47.5°	1923.3	1932.8	1970.9	1963.8	1949.5	1970.9	1963.8	1968.5	1959.0	1954.2	1954.2
50°	1806.7	1816.2	1856.6	1844.7	1830.5	1851.9	1847.1	1849.5	1842.4	1837.6	1835.2
52.5°	1687.6	1699.5	1737.6	1723.3	1711.4	1730.5	1728.1	1730.5	1721.0	1718.6	1716.2
55°	1568.6	1580.5	1616.2	1599.6	1590.1	1606.7	1602.0	1606.7	1597.2	1594.8	1592.4
57.5°	1444.9	1456.8	1490.1	1473.4	1466.3	1480.6	1478.2	1480.6	1473.4	1471.0	1468.7
60°	1323.5	1333.0	1363.9	1347.3	1340.1	1354.4	1349.6	1356.8	1347.3	1347.3	1344.9
62.5°	1194.9	1206.8	1237.8	1218.7	1214.0	1225.9	1221.1	1228.2	1223.5	1218.7	1216.3
65°	1068.8	1075.9	1104.5	1087.8	1080.7	1094.9	1092.6	1097.3	1090.2	1092.6	1090.2
67.5°	942.6	947.4	975.9	956.9	952.1	966.4	968.8	966.4	961.6	964.0	961.6
70°	814.1	818.8	842.6	826.0	823.6	835.5	840.3	837.9	833.1	835.5	837.9
72.5°	690.3	692.7	714.1	699.8	697.4	711.7	711.7	711.7	711.7	711.7	716.5
75°	566.5	568.9	587.9	576.0	573.7	587.9	587.9	587.9	587.9	592.7	590.3
77.5°	447.5	445.1	464.2	457.0	452.3	466.5	466.5	468.9	473.7	478.4	471.3
80°	335.6	333.2	347.5	338.0	338.0	352.3	349.9	352.3	357.0	359.4	361.8
82.5°	235.7	230.9	242.8	240.4	238.0	249.9	252.3	249.9	257.1	259.5	259.5
85°	145.2	145.2	152.3	147.6	147.6	157.1	157.1	159.5	164.2	166.6	166.6
87.5°	69.0	66.6	73.8	71.4	69.0	76.2	76.2	78.6	80.9	83.3	80.9
90°	2.4	2.4	4.8	4.8	4.8	9.5	9.5	9.5	11.9	11.9	9.5
92.5°	0.0	0.0	2.4	2.4	2.4	2.4	2.4	4.8	4.8	4.8	4.8
95°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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	2.4



TEST NUMBER: P894500  
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L950

**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	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	2.4	2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
130°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	2.4
132.5°	0.0	0.0	2.4	2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0
135°	0.0	2.4	2.4	2.4	2.4	0.0	2.4	0.0	0.0	0.0	2.4
137.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
140°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
142.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
145°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
147.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
150°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
152.5°	2.4	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	2.4
157.5°	2.4	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	2.4
162.5°	2.4	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	2.4
167.5°	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4
170°	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4
172.5°	4.8	4.8	4.8	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4
175°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.4	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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5	3251.5
2.5°	3239.6	3222.9	3215.8	3220.6	3253.9	3220.6	3256.3	3268.2	3225.3	3249.1
5°	3230.1	3213.4	3203.9	3208.7	3242.0	3211.0	3249.1	3263.4	3227.7	3251.5
7.5°	3211.0	3192.0	3187.2	3194.4	3222.9	3196.8	3234.8	3249.1	3213.4	3237.2
10°	3182.5	3165.8	3161.1	3168.2	3194.4	3168.2	3201.5	3213.4	3180.1	3201.5
12.5°	3146.8	3130.1	3125.4	3134.9	3158.7	3134.9	3168.2	3180.1	3146.8	3168.2
15°	3101.6	3084.9	3082.5	3096.8	3118.2	3096.8	3130.1	3139.6	3106.3	3127.7
17.5°	3046.8	3030.1	3032.5	3049.2	3065.8	3046.8	3077.7	3087.3	3056.3	3073.0
20°	2987.3	2968.3	2973.0	2987.3	3001.6	2982.5	3013.5	3023.0	2994.4	3011.1
22.5°	2918.3	2899.2	2904.0	2920.6	2930.2	2913.5	2942.1	2951.6	2927.8	2944.5
25°	2842.1	2825.4	2832.6	2849.2	2856.4	2842.1	2868.3	2875.4	2854.0	2868.3
27.5°	2765.9	2746.9	2756.4	2773.1	2777.8	2763.5	2789.7	2794.5	2773.1	2787.3
30°	2680.2	2661.2	2673.1	2692.1	2692.1	2682.6	2704.0	2708.8	2692.1	2704.0
32.5°	2585.0	2570.7	2585.0	2601.7	2599.3	2592.2	2613.6	2618.3	2604.1	2613.6
35°	2489.8	2477.9	2492.2	2508.9	2506.5	2499.3	2520.8	2523.1	2511.2	2520.8
37.5°	2392.2	2382.7	2397.0	2411.3	2406.5	2401.7	2420.8	2420.8	2413.6	2423.2
40°	2292.2	2282.7	2294.6	2311.3	2301.8	2301.8	2313.7	2318.4	2311.3	2320.8
42.5°	2187.5	2178.0	2192.3	2206.6	2197.0	2194.7	2208.9	2211.3	2206.6	2213.7
45°	2078.0	2068.5	2082.8	2094.7	2085.2	2085.2	2097.1	2097.1	2094.7	2104.2
47.5°	1966.1	1959.0	1970.9	1982.8	1973.3	1980.4	1980.4	1980.4	1985.2	1982.8
50°	1851.9	1844.7	1854.3	1868.5	1856.6	1859.0	1863.8	1863.8	1866.2	1868.5
52.5°	1732.9	1723.3	1732.9	1749.5	1732.9	1740.0	1742.4	1744.8	1751.9	1747.2
55°	1613.9	1604.3	1613.9	1628.1	1611.5	1621.0	1621.0	1623.4	1630.5	1625.8
57.5°	1490.1	1480.6	1494.8	1504.4	1487.7	1497.2	1497.2	1502.0	1506.7	1499.6
60°	1366.3	1359.2	1363.9	1380.6	1363.9	1373.4	1373.4	1373.4	1383.0	1375.8
62.5°	1240.1	1235.4	1240.1	1254.4	1237.8	1247.3	1244.9	1247.3	1256.8	1254.4
65°	1111.6	1106.8	1111.6	1125.9	1109.2	1118.7	1118.7	1121.1	1128.3	1118.7
67.5°	985.5	978.3	985.5	997.4	983.1	990.2	990.2	990.2	1002.1	997.4
70°	856.9	852.2	856.9	868.8	856.9	861.7	861.7	861.7	873.6	876.0
72.5°	730.8	730.8	735.5	745.0	735.5	745.0	737.9	733.1	749.8	752.2
75°	607.0	609.4	611.7	621.3	611.7	621.3	616.5	611.7	626.0	628.4
77.5°	492.7	492.7	495.1	502.2	495.1	502.2	497.5	497.5	507.0	504.6
80°	376.1	376.1	378.5	385.6	378.5	385.6	380.9	380.9	390.4	380.9
82.5°	273.7	273.7	273.7	280.9	276.1	280.9	278.5	273.7	285.6	276.1
85°	176.1	178.5	178.5	180.9	178.5	180.9	180.9	178.5	185.7	178.5
87.5°	90.5	90.5	90.5	92.8	90.5	90.5	92.8	90.5	95.2	92.8
90°	16.7	14.3	14.3	19.0	16.7	16.7	19.0	14.3	16.7	14.3
92.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	9.5	9.5
95°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	7.1
97.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	4.8
100°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
102.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
105°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	2.4	2.4
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	2.4	0.0	0.0	0.0	2.4





TEST NUMBER: P894500  
 CATALOG NUMBER: 8TMB-12SL-FLT-UNV-L950

**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	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	2.4	2.4	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°	2.4	2.4	2.4	2.4	0.0	2.4	0.0	0.0	0.0	0.0
140°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
142.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0	0.0
145°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
147.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
150°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
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	2.4
177.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
180°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4



TEST NUMBER: P894500  
 CATALOG NUMBER: 8TMB-12SL-FLT-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	20.00	21.64	20.37	21.96	22.27	20.14	21.78	20.51	22.09	22.41
	3H	21.83	23.31	22.21	23.64	24.00	21.97	23.45	22.35	23.78	24.14
	4H	22.49	23.88	22.89	24.23	24.61	22.68	24.07	23.08	24.42	24.80
	6H	22.94	24.23	23.35	24.60	24.99	23.24	24.53	23.65	24.90	25.29
	8H	23.08	24.32	23.51	24.71	25.11	23.43	24.67	23.86	25.06	25.46
	12H	23.18	24.36	23.61	24.74	25.18	23.57	24.76	24.00	25.14	25.57
4H	2H	20.64	22.03	21.04	22.38	22.76	20.75	22.14	21.15	22.49	22.87
	3H	22.68	23.85	23.09	24.25	24.65	22.81	23.98	23.22	24.38	24.79
	4H	23.47	24.53	23.90	24.95	25.39	23.66	24.72	24.09	25.13	25.57
	6H	24.05	24.98	24.50	25.42	25.88	24.35	25.28	24.80	25.72	26.18
	8H	24.24	25.11	24.70	25.55	26.02	24.59	25.46	25.06	25.91	26.38
	12H	24.38	25.16	24.86	25.64	26.11	24.79	25.57	25.27	26.05	26.52
8H	4H	23.80	24.67	24.26	25.11	25.58	23.97	24.84	24.43	25.28	25.75
	6H	24.50	25.23	25.00	25.72	26.19	24.79	25.52	25.29	26.01	26.48
	8H	24.77	25.42	25.28	25.92	26.41	25.12	25.77	25.63	26.28	26.77
	12H	24.98	25.56	25.49	26.05	26.61	25.41	25.98	25.91	26.47	27.04
12H	4H	23.84	24.63	24.33	25.10	25.57	24.00	24.78	24.48	25.26	25.73
	6H	24.57	25.23	25.08	25.73	26.22	24.85	25.50	25.36	26.01	26.50
	8H	24.90	25.48	25.41	25.97	26.53	25.24	25.82	25.75	26.31	26.87