

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: P894544

Luminaire Tested: 8TMB-12SL-RND-UNV-L850

Issue Date: 11/11/2024

**Test Information**

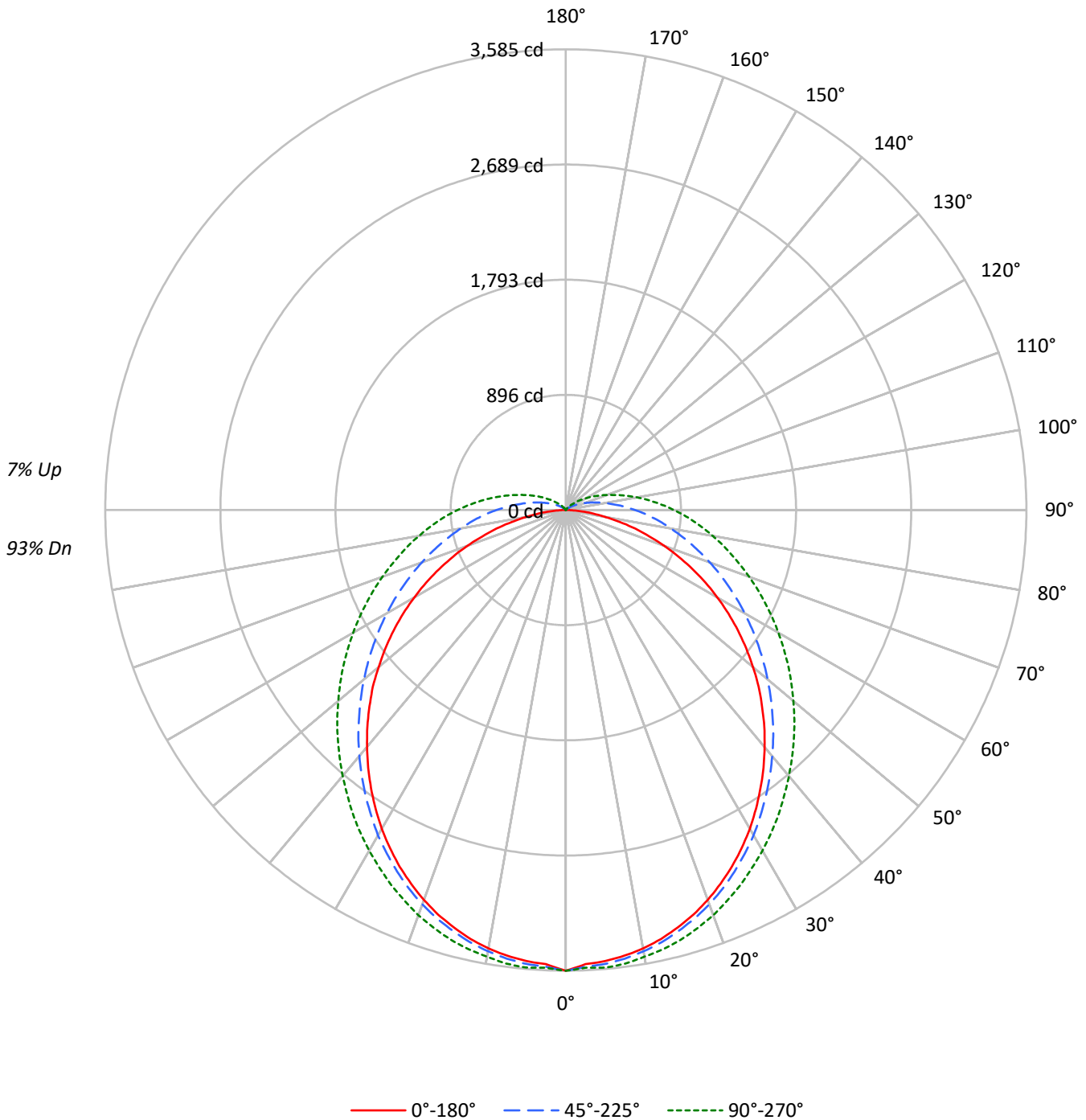
Test Method: LM-79-2019  
Report Number: P894544  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-12SL-RND-UNV-L850  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 5000K CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11869.0 lumens  
Efficiency: N/A  
Efficacy: 133.7 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<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

TEST NUMBER: P894544  
CATALOG NUMBER: 8TMB-12SL-RND-UNV-L850

### 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	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°	12721	12721	12721
5°	12550	12630	12730
10°	12483	12564	12715
15°	12356	12459	12717
20°	12192	12330	12669
25°	11982	12158	12597
30°	11735	11976	12540
35°	11447	11763	12516
40°	11149	11578	12513
45°	10839	11417	12599
50°	10499	11320	12760
55°	10118	11297	13068
60°	9675	11407	13557
65°	9139	11706	14367
70°	8469	12369	15745
75°	7654	13768	18269
80°	6477	16967	23731
85°	5252	27638	40657

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 74852 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	339.1	2.9
10°-20°	966.1	8.1
20°-30°	1446.6	12.2
30°-40°	1724.8	14.5
40°-50°	1788.9	15.1
50°-60°	1659.6	14.0
60°-70°	1384.5	11.7
70°-80°	1032.2	8.7
80°-90°	687.3	5.8
90°-100°	418.4	3.5
100°-110°	233.6	2.0
110°-120°	116.7	1.0
120°-130°	48.8	0.4
130°-140°	15.4	0.1
140°-150°	3.8	0.0
150°-160°	1.7	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	2751.7	23.2
0°-40°	4476.5	37.7
0°-60°	7925.0	66.8
0°-90°	11029.1	92.9
90°-120°	768.8	6.5
90°-150°	836.7	7.0
90°-180°	840.0	7.1
0°-180°	11869.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3585	3585	3585	3585	3585	
5°	3524	3605	3546	3566	3574	335
15°	3364	3451	3392	3454	3462	949
25°	3061	3142	3106	3193	3218	1409
35°	2643	2713	2716	2850	2890	1653
45°	2160	2216	2275	2455	2511	1667
55°	1636	1692	1826	2040	2112	1462
65°	1088	1176	1394	1630	1711	1077
75°	558	713	1004	1248	1333	590
85°	129	354	679	912	999	145
90°	6	233	539	760	842	10
95°	0	143	415	623	696	0
105°	0	45	227	384	443	0
115°	3	11	107	216	258	3
125°	3	3	42	104	129	3
135°	3	3	11	36	48	2
145°	3	3	3	8	11	2
155°	6	6	3	3	3	2
165°	6	6	3	3	3	2
175°	6	6	6	3	0	1
180°	6	6	6	6	6	



TEST NUMBER: P894544  
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L850

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3
2.5°	3537.6	3543.2	3593.7	3590.9	3582.5	3616.2	3624.6	3596.5	3551.6	3596.5	3557.3
5°	3523.6	3529.2	3579.7	3576.9	3568.5	3605.0	3607.8	3582.5	3537.6	3582.5	3546.0
7.5°	3498.3	3504.0	3554.5	3551.6	3546.0	3582.5	3579.7	3560.1	3512.4	3560.1	3520.8
10°	3464.7	3467.5	3520.8	3515.2	3512.4	3548.8	3540.4	3523.6	3475.9	3523.6	3487.1
12.5°	3419.8	3422.6	3475.9	3470.3	3470.3	3504.0	3492.7	3478.7	3431.0	3475.9	3445.0
15°	3363.7	3366.5	3417.0	3414.2	3414.2	3450.7	3433.8	3422.6	3377.7	3425.4	3391.7
17.5°	3302.0	3299.2	3352.5	3346.9	3352.5	3386.1	3363.7	3358.1	3316.0	3360.9	3332.8
20°	3229.0	3229.0	3276.7	3273.9	3282.3	3313.2	3285.1	3287.9	3245.9	3293.6	3265.5
22.5°	3147.7	3144.9	3192.6	3192.6	3201.0	3231.8	3201.0	3209.4	3167.3	3212.2	3189.8
25°	3060.7	3055.1	3102.8	3102.8	3116.8	3142.1	3108.4	3119.6	3080.3	3125.2	3105.6
27.5°	2965.3	2956.9	3004.6	3007.4	3018.6	3043.9	3007.4	3024.2	2987.8	3029.8	3015.8
30°	2864.3	2855.9	2903.6	2906.4	2920.4	2940.1	2903.6	2926.0	2892.4	2934.5	2923.2
32.5°	2754.9	2749.3	2794.2	2799.8	2813.8	2827.9	2794.2	2816.6	2788.6	2830.7	2819.4
35°	2642.7	2637.1	2679.2	2687.6	2701.6	2712.8	2676.4	2707.2	2682.0	2721.2	2715.6
37.5°	2527.7	2519.3	2564.1	2569.8	2586.6	2592.2	2558.5	2595.0	2572.6	2611.8	2609.0
40°	2407.0	2398.6	2443.5	2449.1	2466.0	2466.0	2437.9	2477.2	2460.3	2496.8	2499.6
42.5°	2286.4	2278.0	2317.3	2328.5	2342.5	2342.5	2314.5	2356.5	2345.3	2381.8	2390.2
45°	2160.2	2151.7	2188.2	2199.4	2216.3	2216.3	2188.2	2235.9	2227.5	2264.0	2275.2
47.5°	2036.7	2025.5	2059.2	2070.4	2087.2	2084.4	2062.0	2109.7	2106.9	2143.3	2163.0
50°	1902.1	1893.7	1927.3	1938.5	1958.2	1952.6	1935.7	1986.2	1986.2	2022.7	2050.8
52.5°	1770.2	1761.8	1795.5	1806.7	1823.5	1823.5	1806.7	1860.0	1868.4	1904.9	1938.5
55°	1635.6	1624.3	1658.0	1669.2	1688.9	1691.7	1677.6	1730.9	1747.8	1789.9	1826.3
57.5°	1500.9	1495.3	1523.3	1534.6	1559.8	1559.8	1551.4	1607.5	1629.9	1674.8	1716.9
60°	1363.4	1357.8	1383.1	1397.1	1425.1	1430.8	1425.1	1484.1	1514.9	1559.8	1607.5
62.5°	1226.0	1220.4	1245.6	1265.2	1296.1	1301.7	1304.5	1366.2	1399.9	1447.6	1500.9
65°	1088.5	1082.9	1108.1	1130.6	1167.1	1175.5	1183.9	1248.4	1287.7	1338.2	1394.3
67.5°	951.0	948.2	973.5	1001.5	1040.8	1052.0	1066.1	1133.4	1178.3	1231.6	1293.3
70°	816.4	813.6	838.8	872.5	920.2	934.2	951.0	1018.4	1074.5	1130.6	1192.3
72.5°	681.7	684.5	712.6	751.8	805.2	819.2	841.6	911.8	973.5	1032.4	1096.9
75°	558.3	558.3	589.1	634.0	692.9	712.6	737.8	810.8	875.3	937.0	1004.3
77.5°	432.0	432.0	468.5	524.6	589.1	608.8	639.6	715.4	785.5	847.2	914.6
80°	317.0	322.6	364.7	420.8	488.1	513.4	549.9	625.6	701.4	763.1	830.4
82.5°	216.0	224.4	269.3	333.8	401.2	426.4	462.9	544.2	620.0	684.5	754.7
85°	129.0	143.1	190.8	255.3	325.4	353.5	392.8	468.5	544.2	608.8	678.9
87.5°	58.9	78.6	129.0	193.6	260.9	291.8	325.4	398.4	474.1	538.6	611.6
90°	5.6	33.7	84.2	140.3	204.8	232.8	266.5	336.6	409.6	468.5	538.6
92.5°	0.0	14.0	50.5	101.0	157.1	185.2	216.0	283.3	347.9	406.8	474.1
95°	0.0	5.6	28.1	70.1	117.8	143.1	171.1	232.8	297.4	353.5	415.2
97.5°	0.0	2.8	16.8	47.7	87.0	109.4	134.7	190.8	249.7	303.0	359.1
100°	0.0	2.8	8.4	30.9	64.5	81.4	106.6	154.3	207.6	255.3	311.4
102.5°	0.0	0.0	5.6	19.6	47.7	61.7	81.4	123.4	171.1	216.0	266.5
105°	0.0	0.0	2.8	14.0	33.7	44.9	61.7	98.2	140.3	179.5	227.2
107.5°	0.0	0.0	2.8	8.4	22.4	33.7	47.7	75.7	112.2	148.7	190.8
110°	2.8	2.8	2.8	5.6	16.8	25.2	33.7	58.9	92.6	123.4	159.9



TEST NUMBER: P894544  
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L850

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	2.8	2.8	2.8	2.8	11.2	16.8	25.2	44.9	72.9	98.2	131.9
115°	2.8	2.8	2.8	2.8	8.4	11.2	16.8	33.7	56.1	78.6	106.6
117.5°	2.8	2.8	2.8	2.8	5.6	8.4	11.2	25.2	42.1	61.7	87.0
120°	2.8	2.8	2.8	2.8	2.8	5.6	8.4	16.8	33.7	47.7	70.1
122.5°	2.8	2.8	2.8	2.8	2.8	5.6	5.6	14.0	25.2	36.5	53.3
125°	2.8	2.8	2.8	2.8	2.8	2.8	5.6	8.4	16.8	28.1	42.1
127.5°	2.8	2.8	2.8	2.8	2.8	2.8	5.6	8.4	11.2	19.6	30.9
130°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	8.4	14.0	22.4
132.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	8.4	11.2	16.8
135°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	8.4	11.2
137.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	5.6	8.4
140°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6	5.6
142.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	5.6
145°	2.8	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
147.5°	2.8	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
150°	2.8	5.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
152.5°	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8	2.8	2.8	2.8
155°	5.6	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8	2.8	2.8
157.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8
160°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8
162.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8
165°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	2.8	2.8
167.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	2.8
170°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
172.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	2.8
175°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
177.5°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
180°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3	3585.3
2.5°	3568.5	3576.9	3585.3	3562.9	3576.9	3602.1	3610.6	3576.9	3588.1	3565.7
5°	3557.3	3562.9	3574.1	3546.0	3565.7	3588.1	3602.1	3574.1	3590.9	3574.1
7.5°	3534.8	3540.4	3554.5	3526.4	3551.6	3571.3	3588.1	3560.1	3576.9	3560.1
10°	3501.2	3509.6	3529.2	3495.5	3526.4	3543.2	3560.1	3529.2	3546.0	3529.2
12.5°	3459.1	3473.1	3489.9	3459.1	3489.9	3504.0	3526.4	3495.5	3515.2	3501.2
15°	3408.6	3422.6	3445.0	3414.2	3453.5	3464.7	3487.1	3456.3	3475.9	3461.9
17.5°	3349.7	3366.5	3394.5	3358.1	3403.0	3411.4	3433.8	3405.8	3425.4	3411.4
20°	3282.3	3299.2	3327.2	3293.6	3338.4	3344.0	3369.3	3344.0	3363.7	3355.3
22.5°	3203.8	3223.4	3251.5	3220.6	3268.3	3268.3	3299.2	3273.9	3296.4	3287.9
25°	3122.4	3144.9	3175.7	3142.1	3192.6	3192.6	3226.2	3201.0	3223.4	3217.8
27.5°	3035.5	3060.7	3097.2	3063.5	3114.0	3111.2	3144.9	3122.4	3147.7	3139.3
30°	2942.9	2970.9	3007.4	2979.3	3032.6	3027.0	3060.7	3041.1	3063.5	3060.7
32.5°	2841.9	2872.7	2917.6	2886.8	2940.1	2934.5	2976.5	2954.1	2982.2	2976.5
35°	2740.9	2774.6	2819.4	2791.4	2850.3	2841.9	2884.0	2864.3	2892.4	2889.6
37.5°	2637.1	2673.6	2718.4	2696.0	2752.1	2743.7	2788.6	2771.7	2802.6	2794.2
40°	2530.5	2567.0	2614.6	2595.0	2653.9	2642.7	2690.4	2676.4	2707.2	2701.6
42.5°	2423.9	2463.2	2510.8	2499.6	2555.7	2544.5	2592.2	2581.0	2611.8	2606.2
45°	2314.5	2356.5	2407.0	2395.8	2454.7	2443.5	2491.2	2482.8	2513.6	2510.8
47.5°	2205.1	2249.9	2300.4	2294.8	2350.9	2339.7	2390.2	2381.8	2412.7	2412.7
50°	2092.8	2143.3	2193.8	2191.0	2247.1	2235.9	2280.8	2280.8	2314.5	2311.7
52.5°	1980.6	2033.9	2087.2	2087.2	2143.3	2132.1	2182.6	2179.8	2213.5	2213.5
55°	1874.0	1921.7	1975.0	1986.2	2039.5	2022.7	2076.0	2081.6	2109.7	2112.5
57.5°	1767.4	1817.9	1871.2	1885.2	1935.7	1924.5	1975.0	1980.6	2008.7	2011.5
60°	1660.8	1708.5	1761.8	1781.4	1831.9	1820.7	1871.2	1876.8	1907.7	1910.5
62.5°	1554.2	1601.9	1660.8	1680.4	1728.1	1719.7	1773.0	1778.6	1806.7	1812.3
65°	1450.4	1500.9	1557.0	1585.1	1629.9	1618.7	1672.0	1677.6	1708.5	1711.3
67.5°	1349.4	1399.9	1456.0	1486.9	1528.9	1523.3	1573.8	1585.1	1610.3	1615.9
70°	1251.2	1301.7	1360.6	1391.5	1433.6	1430.8	1478.5	1486.9	1514.9	1517.7
72.5°	1155.8	1206.3	1265.2	1301.7	1338.2	1335.4	1383.1	1394.3	1422.3	1425.1
75°	1063.3	1116.6	1172.7	1211.9	1248.4	1245.6	1293.3	1304.5	1329.8	1332.6
77.5°	976.3	1029.6	1088.5	1127.8	1158.6	1161.4	1203.5	1214.7	1240.0	1248.4
80°	894.9	945.4	1001.5	1043.6	1071.7	1077.3	1116.6	1130.6	1150.2	1161.4
82.5°	816.4	866.9	923.0	962.3	990.3	995.9	1032.4	1049.2	1068.9	1077.3
85°	740.6	791.1	844.4	886.5	911.8	914.6	951.0	967.9	984.7	998.7
87.5°	667.7	718.2	768.7	813.6	836.0	841.6	875.3	892.1	906.1	920.2
90°	594.7	645.2	695.7	737.8	760.3	763.1	799.5	816.4	830.4	841.6
92.5°	527.4	577.9	628.4	670.5	690.1	695.7	726.6	746.2	757.5	768.7
95°	462.9	513.4	558.3	603.2	622.8	631.2	659.3	676.1	690.1	695.7
97.5°	406.8	451.7	493.8	538.6	555.5	563.9	591.9	611.6	622.8	628.4
100°	353.5	395.6	434.8	476.9	493.8	502.2	527.4	544.2	555.5	563.9
102.5°	305.8	345.1	381.5	420.8	437.6	443.3	465.7	482.5	493.8	502.2
105°	263.7	300.2	333.8	370.3	384.3	392.8	412.4	426.4	437.6	443.3
107.5°	224.4	260.9	289.0	322.6	336.6	342.3	361.9	378.7	387.1	390.0
110°	190.8	221.6	249.7	277.7	294.6	300.2	317.0	331.0	339.5	342.3





TEST NUMBER: P894544  
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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	159.9	188.0	213.2	238.5	252.5	258.1	274.9	289.0	294.6	297.4
115°	131.9	159.9	179.5	204.8	216.0	221.6	235.7	249.7	252.5	258.1
117.5°	106.6	131.9	151.5	171.1	182.4	188.0	199.2	210.4	216.0	218.8
120°	87.0	106.6	123.4	143.1	151.5	157.1	168.3	179.5	182.4	185.2
122.5°	70.1	87.0	101.0	117.8	126.2	131.9	140.3	148.7	151.5	154.3
125°	53.3	70.1	81.4	95.4	103.8	106.6	115.0	123.4	126.2	129.0
127.5°	42.1	53.3	64.5	75.7	81.4	84.2	92.6	98.2	101.0	103.8
130°	30.9	39.3	47.7	58.9	64.5	67.3	72.9	78.6	81.4	81.4
132.5°	22.4	30.9	36.5	44.9	47.7	50.5	56.1	61.7	61.7	64.5
135°	14.0	19.6	25.2	30.9	36.5	36.5	42.1	44.9	47.7	47.7
137.5°	11.2	14.0	16.8	22.4	25.2	28.1	28.1	33.7	33.7	33.7
140°	8.4	11.2	11.2	14.0	16.8	19.6	19.6	22.4	22.4	22.4
142.5°	5.6	8.4	8.4	11.2	11.2	14.0	14.0	14.0	16.8	16.8
145°	5.6	5.6	5.6	8.4	8.4	8.4	8.4	11.2	11.2	11.2
147.5°	2.8	2.8	5.6	5.6	5.6	5.6	5.6	8.4	8.4	8.4
150°	2.8	2.8	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6
152.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
155°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
157.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
160°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
162.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
165°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
167.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
170°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
172.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
175°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0
177.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0
180°	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6



TEST NUMBER: P894544  
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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	19.12	20.66	19.59	21.12	21.60	20.69	22.23	21.16	22.69	23.17
	3H	20.80	22.20	21.28	22.67	23.20	23.32	24.72	23.80	25.19	25.72
	4H	21.40	22.73	21.90	23.21	23.75	24.63	25.96	25.14	26.45	26.99
	6H	21.80	23.04	22.31	23.53	24.09	26.04	27.28	26.55	27.77	28.33
	8H	21.91	23.10	22.44	23.62	24.19	26.79	27.97	27.31	28.50	29.06
	12H	21.99	23.13	22.52	23.64	24.24	27.64	28.78	28.17	29.29	29.88
4H	2H	20.05	21.38	20.56	21.87	22.41	21.25	22.58	21.75	23.06	23.60
	3H	22.03	23.17	22.55	23.69	24.26	24.16	25.30	24.68	25.83	26.39
	4H	22.81	23.85	23.34	24.39	24.98	25.69	26.73	26.22	27.27	27.86
	6H	23.39	24.31	23.94	24.87	25.48	27.33	28.25	27.89	28.81	29.42
	8H	23.57	24.44	24.13	25.00	25.62	28.21	29.08	28.77	29.64	30.26
	12H	23.69	24.48	24.28	25.07	25.70	29.21	30.00	29.80	30.59	31.22
8H	4H	23.69	24.55	24.25	25.12	25.74	26.05	26.91	26.61	27.48	28.10
	6H	24.57	25.30	25.16	25.91	26.54	27.95	28.69	28.54	29.29	29.92
	8H	24.91	25.58	25.52	26.20	26.84	29.03	29.70	29.64	30.31	30.95
	12H	25.19	25.78	25.79	26.39	27.09	30.30	30.89	30.90	31.50	32.20
12H	4H	23.96	24.75	24.55	25.34	25.97	26.09	26.88	26.67	27.47	28.10
	6H	25.02	25.68	25.62	26.30	26.94	28.06	28.73	28.66	29.34	29.98
	8H	25.53	26.13	26.14	26.73	27.44	29.26	29.85	29.86	30.46	31.16