

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: P894541

Luminaire Tested: 8TMB-12SL-RND-UNV-L830

Issue Date: 11/11/2024

**Test Information**

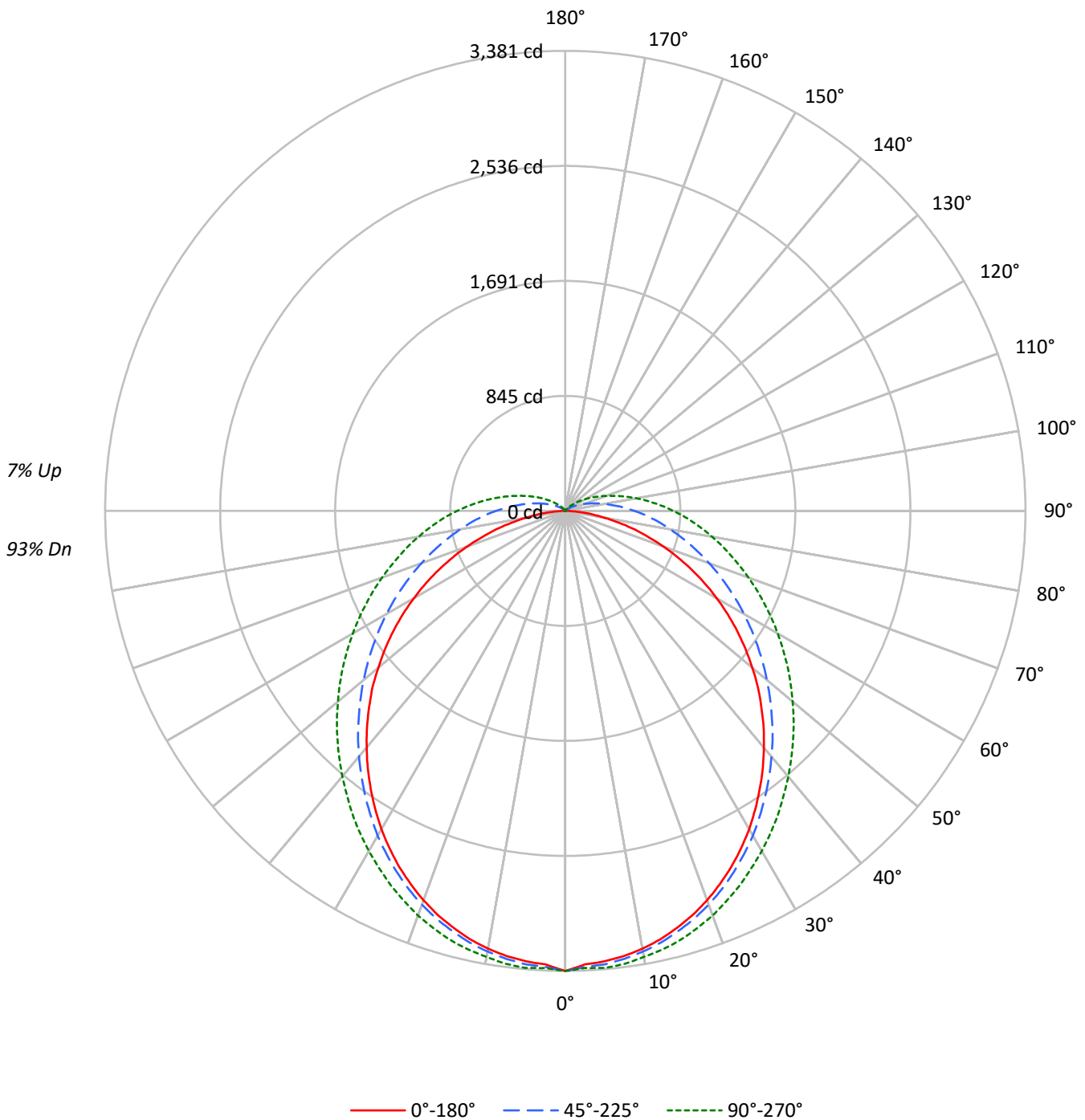
Test Method: LM-79-2019  
Report Number: P894541  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-12SL-RND-UNV-L830  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3000K CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11193.9 lumens  
Efficiency: N/A  
Efficacy: 126.1 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 (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-RND-UNV-L830

### 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°	11998	11998	11998
5°	11836	11912	12006
10°	11773	11849	11992
15°	11653	11750	11993
20°	11499	11629	11949
25°	11301	11467	11881
30°	11068	11296	11826
35°	10796	11094	11804
40°	10515	10919	11802
45°	10223	10767	11882
50°	9902	10676	12035
55°	9542	10655	12324
60°	9125	10759	12786
65°	8619	11040	13551
70°	7987	11666	14849
75°	7218	12985	17229
80°	6109	16003	22382
85°	4954	26067	38345

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 70590 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	319.8	2.9
10°-20°	911.1	8.1
20°-30°	1364.3	12.2
30°-40°	1626.7	14.5
40°-50°	1687.1	15.1
50°-60°	1565.2	14.0
60°-70°	1305.8	11.7
70°-80°	973.5	8.7
80°-90°	648.2	5.8
90°-100°	394.6	3.5
100°-110°	220.3	2.0
110°-120°	110.1	1.0
120°-130°	46.0	0.4
130°-140°	14.5	0.1
140°-150°	3.6	0.0
150°-160°	1.6	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	2595.2	23.2
0°-40°	4222.0	37.7
0°-60°	7474.3	66.8
0°-90°	10401.8	92.9
90°-120°	725.1	6.5
90°-150°	789.1	7.0
90°-180°	792.0	7.1
0°-180°	11193.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3381	3381	3381	3381	3381	
5°	3323	3400	3344	3363	3371	316
15°	3172	3254	3199	3257	3265	895
25°	2887	2963	2929	3011	3035	1329
35°	2492	2559	2561	2688	2725	1559
45°	2037	2090	2146	2315	2368	1572
55°	1542	1596	1722	1924	1992	1379
65°	1027	1109	1315	1537	1614	1016
75°	526	672	947	1177	1257	557
85°	122	333	640	860	942	137
90°	5	220	508	717	794	9
95°	0	135	392	587	656	0
105°	0	42	214	362	418	0
115°	3	11	100	204	243	3
125°	3	3	40	98	122	2
135°	3	3	11	34	45	2
145°	3	3	3	8	11	2
155°	5	5	3	3	3	2
165°	5	5	3	3	3	2
175°	5	5	5	3	0	1
180°	5	5	5	5	5	



TEST NUMBER: P894541  
 CATALOG NUMBER: 8TMB-12SL-RND-UNV-L830

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4
2.5°	3336.4	3341.7	3389.4	3386.7	3378.8	3410.5	3418.5	3392.0	3349.7	3392.0	3355.0
5°	3323.2	3328.5	3376.1	3373.5	3365.5	3399.9	3402.6	3378.8	3336.4	3378.8	3344.4
7.5°	3299.4	3304.7	3352.3	3349.7	3344.4	3378.8	3376.1	3357.6	3312.6	3357.6	3320.6
10°	3267.6	3270.3	3320.6	3315.3	3312.6	3347.0	3339.1	3323.2	3278.2	3323.2	3288.8
12.5°	3225.3	3228.0	3278.2	3272.9	3272.9	3304.7	3294.1	3280.9	3235.9	3278.2	3249.1
15°	3172.4	3175.0	3222.7	3220.0	3220.0	3254.4	3238.5	3228.0	3185.6	3230.6	3198.8
17.5°	3114.2	3111.5	3161.8	3156.5	3161.8	3193.6	3172.4	3167.1	3127.4	3169.7	3143.3
20°	3045.4	3045.4	3090.4	3087.7	3095.7	3124.8	3098.3	3101.0	3061.3	3106.2	3079.8
22.5°	2968.7	2966.0	3011.0	3011.0	3018.9	3048.0	3018.9	3026.9	2987.2	3029.5	3008.3
25°	2886.6	2881.3	2926.3	2926.3	2939.6	2963.4	2931.6	2942.2	2905.2	2947.5	2929.0
27.5°	2796.7	2788.7	2833.7	2836.4	2846.9	2870.8	2836.4	2852.2	2817.8	2857.5	2844.3
30°	2701.4	2693.5	2738.5	2741.1	2754.3	2772.9	2738.5	2759.6	2727.9	2767.6	2757.0
32.5°	2598.2	2592.9	2635.3	2640.6	2653.8	2667.0	2635.3	2656.4	2630.0	2669.7	2659.1
35°	2492.4	2487.1	2526.8	2534.7	2548.0	2558.6	2524.2	2553.3	2529.4	2566.5	2561.2
37.5°	2383.9	2376.0	2418.3	2423.6	2439.5	2444.8	2413.0	2447.4	2426.3	2463.3	2460.7
40°	2270.2	2262.2	2304.5	2309.8	2325.7	2325.7	2299.3	2336.3	2320.4	2354.8	2357.5
42.5°	2156.4	2148.4	2185.5	2196.1	2209.3	2209.3	2182.8	2222.5	2211.9	2246.3	2254.3
45°	2037.3	2029.4	2063.8	2074.4	2090.2	2090.2	2063.8	2108.8	2100.8	2135.2	2145.8
47.5°	1920.9	1910.3	1942.1	1952.6	1968.5	1965.9	1944.7	1989.7	1987.0	2021.4	2040.0
50°	1793.9	1786.0	1817.7	1828.3	1846.8	1841.5	1825.6	1873.3	1873.3	1907.7	1934.1
52.5°	1669.5	1661.6	1693.4	1703.9	1719.8	1719.8	1703.9	1754.2	1762.1	1796.5	1828.3
55°	1542.5	1532.0	1563.7	1574.3	1592.8	1595.5	1582.2	1632.5	1648.4	1688.1	1722.5
57.5°	1415.5	1410.2	1436.7	1447.3	1471.1	1471.1	1463.2	1516.1	1537.2	1579.6	1619.3
60°	1285.9	1280.6	1304.4	1317.6	1344.1	1349.4	1344.1	1399.7	1428.8	1471.1	1516.1
62.5°	1156.2	1151.0	1174.8	1193.3	1222.4	1227.7	1230.3	1288.5	1320.3	1365.3	1415.5
65°	1026.6	1021.3	1045.1	1066.3	1100.7	1108.6	1116.6	1177.4	1214.5	1262.1	1315.0
67.5°	896.9	894.3	918.1	944.6	981.6	992.2	1005.4	1068.9	1111.3	1161.5	1219.7
70°	769.9	767.3	791.1	822.9	867.8	881.1	896.9	960.4	1013.4	1066.3	1124.5
72.5°	642.9	645.6	672.0	709.1	759.4	772.6	793.8	859.9	918.1	973.7	1034.5
75°	526.5	526.5	555.6	598.0	653.5	672.0	695.9	764.7	825.5	883.7	947.2
77.5°	407.5	407.5	441.9	494.8	555.6	574.2	603.3	674.7	740.8	799.1	862.6
80°	299.0	304.3	344.0	396.9	460.4	484.2	518.6	590.0	661.5	719.7	783.2
82.5°	203.7	211.7	254.0	314.9	378.4	402.2	436.6	513.3	584.7	645.6	711.7
85°	121.7	134.9	179.9	240.8	306.9	333.4	370.4	441.9	513.3	574.2	640.3
87.5°	55.6	74.1	121.7	182.6	246.1	275.2	306.9	375.7	447.2	508.0	576.8
90°	5.3	31.8	79.4	132.3	193.1	219.6	251.4	317.5	386.3	441.9	508.0
92.5°	0.0	13.2	47.6	95.3	148.2	174.6	203.7	267.2	328.1	383.7	447.2
95°	0.0	5.3	26.5	66.1	111.1	134.9	161.4	219.6	280.5	333.4	391.6
97.5°	0.0	2.6	15.9	45.0	82.0	103.2	127.0	179.9	235.5	285.8	338.7
100°	0.0	2.6	7.9	29.1	60.9	76.7	100.5	145.5	195.8	240.8	293.7
102.5°	0.0	0.0	5.3	18.5	45.0	58.2	76.7	116.4	161.4	203.7	251.4
105°	0.0	0.0	2.6	13.2	31.8	42.3	58.2	92.6	132.3	169.3	214.3
107.5°	0.0	0.0	2.6	7.9	21.2	31.8	45.0	71.4	105.8	140.2	179.9
110°	2.6	2.6	2.6	5.3	15.9	23.8	31.8	55.6	87.3	116.4	150.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	2.6	2.6	2.6	2.6	10.6	15.9	23.8	42.3	68.8	92.6	124.4
115°	2.6	2.6	2.6	2.6	7.9	10.6	15.9	31.8	52.9	74.1	100.5
117.5°	2.6	2.6	2.6	2.6	5.3	7.9	10.6	23.8	39.7	58.2	82.0
120°	2.6	2.6	2.6	2.6	2.6	5.3	7.9	15.9	31.8	45.0	66.1
122.5°	2.6	2.6	2.6	2.6	2.6	5.3	5.3	13.2	23.8	34.4	50.3
125°	2.6	2.6	2.6	2.6	2.6	2.6	5.3	7.9	15.9	26.5	39.7
127.5°	2.6	2.6	2.6	2.6	2.6	2.6	5.3	7.9	10.6	18.5	29.1
130°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3	7.9	13.2	21.2
132.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3	7.9	10.6	15.9
135°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3	7.9	10.6
137.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3	5.3	7.9
140°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3	5.3
142.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.3
145°	2.6	5.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
147.5°	2.6	5.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
150°	2.6	5.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
152.5°	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6	2.6	2.6	2.6
155°	5.3	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6	2.6	2.6
157.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6
160°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6
162.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6	2.6	2.6
165°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6	2.6
167.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6
170°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
172.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	2.6
175°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
177.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
180°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4	3381.4
2.5°	3365.5	3373.5	3381.4	3360.2	3373.5	3397.3	3405.2	3373.5	3384.1	3362.9
5°	3355.0	3360.2	3370.8	3344.4	3362.9	3384.1	3397.3	3370.8	3386.7	3370.8
7.5°	3333.8	3339.1	3352.3	3325.9	3349.7	3368.2	3384.1	3357.6	3373.5	3357.6
10°	3302.0	3310.0	3328.5	3296.7	3325.9	3341.7	3357.6	3328.5	3344.4	3328.5
12.5°	3262.4	3275.6	3291.5	3262.4	3291.5	3304.7	3325.9	3296.7	3315.3	3302.0
15°	3214.7	3228.0	3249.1	3220.0	3257.1	3267.6	3288.8	3259.7	3278.2	3265.0
17.5°	3159.2	3175.0	3201.5	3167.1	3209.4	3217.4	3238.5	3212.1	3230.6	3217.4
20°	3095.7	3111.5	3138.0	3106.2	3148.6	3153.9	3177.7	3153.9	3172.4	3164.5
22.5°	3021.6	3040.1	3066.6	3037.5	3082.4	3082.4	3111.5	3087.7	3108.9	3101.0
25°	2944.8	2966.0	2995.1	2963.4	3011.0	3011.0	3042.7	3018.9	3040.1	3034.8
27.5°	2862.8	2886.6	2921.0	2889.3	2936.9	2934.3	2966.0	2944.8	2968.7	2960.7
30°	2775.5	2802.0	2836.4	2809.9	2860.2	2854.9	2886.6	2868.1	2889.3	2886.6
32.5°	2680.3	2709.4	2751.7	2722.6	2772.9	2767.6	2807.3	2786.1	2812.6	2807.3
35°	2585.0	2616.8	2659.1	2632.6	2688.2	2680.3	2719.9	2701.4	2727.9	2725.2
37.5°	2487.1	2521.5	2563.8	2542.7	2595.6	2587.7	2630.0	2614.1	2643.2	2635.3
40°	2386.6	2421.0	2465.9	2447.4	2503.0	2492.4	2537.4	2524.2	2553.3	2548.0
42.5°	2286.0	2323.1	2368.0	2357.5	2410.4	2399.8	2444.8	2434.2	2463.3	2458.0
45°	2182.8	2222.5	2270.2	2259.6	2315.1	2304.5	2349.5	2341.6	2370.7	2368.0
47.5°	2079.6	2122.0	2169.6	2164.3	2217.2	2206.7	2254.3	2246.3	2275.4	2275.4
50°	1973.8	2021.4	2069.1	2066.4	2119.3	2108.8	2151.1	2151.1	2182.8	2180.2
52.5°	1868.0	1918.3	1968.5	1968.5	2021.4	2010.9	2058.5	2055.8	2087.6	2087.6
55°	1767.4	1812.4	1862.7	1873.3	1923.5	1907.7	1957.9	1963.2	1989.7	1992.3
57.5°	1666.9	1714.5	1764.8	1778.0	1825.6	1815.1	1862.7	1868.0	1894.4	1897.1
60°	1566.4	1611.3	1661.6	1680.1	1727.7	1717.2	1764.8	1770.1	1799.2	1801.8
62.5°	1465.8	1510.8	1566.4	1584.9	1629.9	1621.9	1672.2	1677.5	1703.9	1709.2
65°	1367.9	1415.5	1468.5	1494.9	1537.2	1526.7	1576.9	1582.2	1611.3	1614.0
67.5°	1272.7	1320.3	1373.2	1402.3	1442.0	1436.7	1484.3	1494.9	1518.7	1524.0
70°	1180.1	1227.7	1283.2	1312.3	1352.0	1349.4	1394.4	1402.3	1428.8	1431.4
72.5°	1090.1	1137.7	1193.3	1227.7	1262.1	1259.4	1304.4	1315.0	1341.5	1344.1
75°	1002.8	1053.1	1106.0	1143.0	1177.4	1174.8	1219.7	1230.3	1254.1	1256.8
77.5°	920.8	971.0	1026.6	1063.6	1092.7	1095.4	1135.1	1145.7	1169.5	1177.4
80°	844.0	891.7	944.6	984.3	1010.7	1016.0	1053.1	1066.3	1084.8	1095.4
82.5°	769.9	817.6	870.5	907.5	934.0	939.3	973.7	989.6	1008.1	1016.0
85°	698.5	746.1	796.4	836.1	859.9	862.6	896.9	912.8	928.7	941.9
87.5°	629.7	677.3	725.0	767.3	788.5	793.8	825.5	841.4	854.6	867.8
90°	560.9	608.5	656.2	695.9	717.0	719.7	754.1	769.9	783.2	793.8
92.5°	497.4	545.0	592.7	632.4	650.9	656.2	685.3	703.8	714.4	725.0
95°	436.6	484.2	526.5	568.9	587.4	595.3	621.8	637.7	650.9	656.2
97.5°	383.7	426.0	465.7	508.0	523.9	531.8	558.3	576.8	587.4	592.7
100°	333.4	373.1	410.1	449.8	465.7	473.6	497.4	513.3	523.9	531.8
102.5°	288.4	325.4	359.8	396.9	412.8	418.0	439.2	455.1	465.7	473.6
105°	248.7	283.1	314.9	349.3	362.5	370.4	388.9	402.2	412.8	418.0
107.5°	211.7	246.1	272.5	304.3	317.5	322.8	341.3	357.2	365.1	367.8
110°	179.9	209.0	235.5	261.9	277.8	283.1	299.0	312.2	320.1	322.8





TEST NUMBER: P894541  
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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	150.8	177.3	201.1	224.9	238.1	243.4	259.3	272.5	277.8	280.5
115°	124.4	150.8	169.3	193.1	203.7	209.0	222.3	235.5	238.1	243.4
117.5°	100.5	124.4	142.9	161.4	172.0	177.3	187.9	198.4	203.7	206.4
120°	82.0	100.5	116.4	134.9	142.9	148.2	158.8	169.3	172.0	174.6
122.5°	66.1	82.0	95.3	111.1	119.1	124.4	132.3	140.2	142.9	145.5
125°	50.3	66.1	76.7	90.0	97.9	100.5	108.5	116.4	119.1	121.7
127.5°	39.7	50.3	60.9	71.4	76.7	79.4	87.3	92.6	95.3	97.9
130°	29.1	37.0	45.0	55.6	60.9	63.5	68.8	74.1	76.7	76.7
132.5°	21.2	29.1	34.4	42.3	45.0	47.6	52.9	58.2	58.2	60.9
135°	13.2	18.5	23.8	29.1	34.4	34.4	39.7	42.3	45.0	45.0
137.5°	10.6	13.2	15.9	21.2	23.8	26.5	26.5	31.8	31.8	31.8
140°	7.9	10.6	10.6	13.2	15.9	18.5	18.5	21.2	21.2	21.2
142.5°	5.3	7.9	7.9	10.6	10.6	13.2	13.2	13.2	15.9	15.9
145°	5.3	5.3	5.3	7.9	7.9	7.9	7.9	10.6	10.6	10.6
147.5°	2.6	2.6	5.3	5.3	5.3	5.3	5.3	7.9	7.9	7.9
150°	2.6	2.6	2.6	2.6	2.6	5.3	5.3	5.3	5.3	5.3
152.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
155°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
157.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
160°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
162.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
165°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
167.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
170°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
172.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
175°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0
177.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0
180°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3



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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	18.92	20.46	19.39	20.91	21.40	20.49	22.03	20.96	22.48	22.97
	3H	20.60	22.00	21.08	22.47	22.99	23.12	24.52	23.60	24.99	25.51
	4H	21.20	22.53	21.70	23.01	23.55	24.43	25.76	24.93	26.24	26.78
	6H	21.59	22.83	22.11	23.33	23.89	25.83	27.07	26.35	27.57	28.13
	8H	21.71	22.90	22.24	23.42	23.98	26.58	27.77	27.11	28.29	28.85
	12H	21.79	22.93	22.32	23.44	24.03	27.43	28.57	27.97	29.09	29.68
4H	2H	19.85	21.18	20.35	21.66	22.20	21.04	22.37	21.55	22.86	23.40
	3H	21.83	22.96	22.34	23.49	24.05	23.96	25.10	24.48	25.62	26.19
	4H	22.60	23.64	23.14	24.18	24.78	25.48	26.52	26.02	27.06	27.66
	6H	23.18	24.10	23.74	24.67	25.28	27.13	28.05	27.68	28.61	29.22
	8H	23.37	24.23	23.93	24.80	25.42	28.01	28.87	28.57	29.44	30.06
	12H	23.49	24.28	24.07	24.87	25.50	29.01	29.80	29.59	30.39	31.02
8H	4H	23.48	24.35	24.04	24.91	25.53	25.84	26.71	26.41	27.28	27.90
	6H	24.36	25.10	24.96	25.71	26.33	27.75	28.48	28.34	29.09	29.72
	8H	24.71	25.38	25.32	25.99	26.63	28.83	29.49	29.44	30.11	30.75
	12H	24.98	25.58	25.59	26.18	26.89	30.09	30.69	30.70	31.29	32.00
12H	4H	23.76	24.55	24.34	25.14	25.77	25.89	26.67	26.47	27.27	27.89
	6H	24.81	25.48	25.42	26.10	26.74	27.86	28.52	28.46	29.14	29.78
	8H	25.33	25.93	25.94	26.53	27.24	29.05	29.65	29.66	30.25	30.96