

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: P894551

Luminaire Tested: 8TMB-12SL-RNDU-UNV-L840

Issue Date: 11/11/2024

**Test Information**

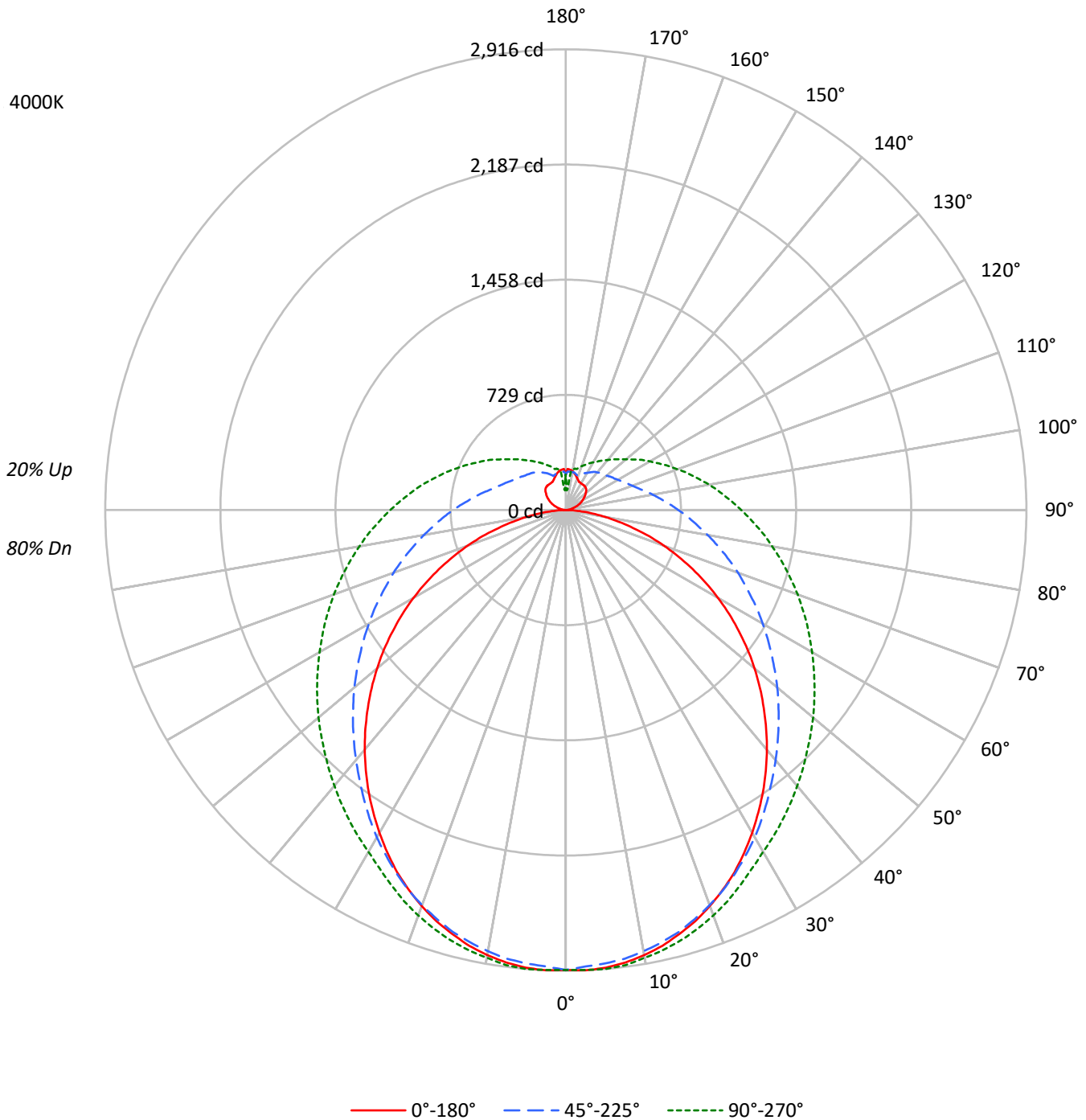
Test Method: LM-79-2019  
Report Number: P894551  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-12SL-RNDU-UNV-L840  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12243.0 lumens  
Efficiency: N/A  
Efficacy: 137.9 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 (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

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CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L840

### 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°	10328	10328	10328
5°	10334	9907	9912
10°	10260	9535	9454
15°	10133	9157	9031
20°	9976	8756	8597
25°	9780	8351	8161
30°	9524	7942	7775
35°	9260	7520	7491
40°	8975	7138	7232
45°	8668	6801	7003
50°	8347	6502	6825
55°	7978	6225	6670
60°	7559	6001	6554
65°	7046	5805	6489
70°	6407	5691	6468
75°	5535	5616	6496
80°	4485	5638	6599
85°	3126	5818	6815

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8668 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	275.4	2.2
10°-20°	785.3	6.4
20°-30°	1179.0	9.6
30°-40°	1417.7	11.6
40°-50°	1502.1	12.3
50°-60°	1446.6	11.8
60°-70°	1280.2	10.5
70°-80°	1050.1	8.6
80°-90°	814.8	6.7
90°-100°	632.4	5.2
100°-110°	501.1	4.1
110°-120°	399.2	3.3
120°-130°	317.1	2.6
130°-140°	247.6	2.0
140°-150°	182.2	1.5
150°-160°	120.5	1.0
160°-170°	69.4	0.6
170°-180°	22.3	0.2
0°-30°	2239.7	18.3
0°-40°	3657.4	29.9
0°-60°	6606.0	54.0
0°-90°	9751.2	79.6
90°-120°	1532.7	12.5
90°-150°	2279.7	18.6
90°-180°	2492.0	20.4
0°-180°	12243.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2911	2911	2911	2911	2911	
5°	2908	2911	2880	2902	2916	276
15°	2778	2781	2764	2806	2819	783
25°	2529	2537	2537	2601	2617	1163
35°	2177	2205	2230	2346	2393	1361
45°	1772	1814	1905	2086	2160	1368
55°	1338	1404	1590	1825	1922	1197
65°	886	1008	1293	1565	1681	877
75°	443	665	1030	1321	1443	474
85°	100	402	806	1100	1216	114
90°	3	316	712	997	1111	8
95°	14	260	629	900	1011	15
105°	50	210	496	737	834	53
115°	100	202	413	601	681	98
125°	144	210	360	496	557	129
135°	183	224	324	415	454	140
145°	194	222	294	357	379	122
155°	197	230	252	305	321	93
165°	233	246	238	238	269	65
175°	258	255	244	202	136	24
180°	224	224	224	224	224	



TEST NUMBER: P894551  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8
2.5°	2916.3	2913.6	2919.1	2924.6	2941.3	2919.1	2930.2	2899.7	2902.5	2905.3	2891.4
5°	2908.0	2899.7	2908.0	2913.6	2927.4	2910.8	2921.9	2888.6	2891.4	2896.9	2880.3
7.5°	2888.6	2880.3	2885.9	2891.4	2905.3	2888.6	2902.5	2869.2	2874.8	2877.6	2863.7
10°	2860.9	2849.9	2855.4	2863.7	2874.8	2860.9	2872.0	2841.6	2844.3	2849.9	2836.0
12.5°	2824.9	2813.9	2819.4	2824.9	2838.8	2824.9	2836.0	2805.5	2811.1	2816.6	2802.8
15°	2777.9	2766.8	2772.3	2777.9	2788.9	2780.6	2791.7	2761.2	2766.8	2777.9	2764.0
17.5°	2728.0	2711.4	2716.9	2725.2	2736.3	2730.8	2739.1	2714.2	2716.9	2728.0	2714.2
20°	2667.1	2650.5	2656.0	2664.3	2675.4	2672.6	2678.2	2656.0	2661.5	2675.4	2661.5
22.5°	2600.6	2584.0	2589.5	2600.6	2608.9	2608.9	2611.7	2595.1	2600.6	2614.5	2603.4
25°	2528.6	2512.0	2517.5	2528.6	2536.9	2536.9	2542.4	2525.8	2534.1	2548.0	2536.9
27.5°	2445.5	2437.2	2437.2	2448.3	2453.8	2459.4	2462.1	2448.3	2459.4	2473.2	2464.9
30°	2359.7	2348.6	2354.1	2368.0	2368.0	2379.0	2379.0	2368.0	2381.8	2398.4	2392.9
32.5°	2268.3	2259.9	2262.7	2279.3	2279.3	2293.2	2290.4	2284.9	2298.7	2318.1	2312.6
35°	2176.9	2168.6	2171.3	2187.9	2187.9	2204.6	2199.0	2199.0	2212.9	2235.0	2229.5
37.5°	2079.9	2074.4	2077.2	2093.8	2093.8	2110.4	2104.9	2107.6	2124.2	2149.2	2146.4
40°	1980.2	1974.7	1980.2	1994.1	1999.6	2013.5	2007.9	2013.5	2035.6	2057.8	2066.1
42.5°	1877.8	1875.0	1880.5	1894.4	1899.9	1913.8	1911.0	1919.3	1941.5	1974.7	1985.8
45°	1772.5	1772.5	1778.0	1791.9	1797.4	1814.1	1811.3	1822.4	1850.1	1886.1	1905.4
47.5°	1667.3	1670.0	1672.8	1689.4	1689.4	1717.1	1708.8	1725.4	1761.4	1803.0	1825.1
50°	1559.3	1564.8	1567.6	1581.4	1586.9	1611.9	1606.3	1634.0	1672.8	1717.1	1747.6
52.5°	1451.2	1456.8	1462.3	1473.4	1478.9	1509.4	1503.9	1539.9	1586.9	1634.0	1667.3
55°	1337.7	1348.8	1351.5	1365.4	1373.7	1404.2	1404.2	1445.7	1495.6	1548.2	1589.7
57.5°	1226.9	1238.0	1240.8	1257.4	1268.5	1304.5	1310.0	1357.1	1412.5	1465.1	1514.9
60°	1113.4	1127.2	1130.0	1146.6	1166.0	1204.8	1213.1	1265.7	1326.6	1382.0	1440.2
62.5°	999.8	1013.7	1019.2	1035.8	1066.3	1105.0	1118.9	1179.8	1243.5	1304.5	1368.2
65°	886.3	900.1	908.4	930.6	966.6	1008.1	1027.5	1091.2	1163.2	1226.9	1293.4
67.5°	772.7	789.3	800.4	828.1	875.2	919.5	938.9	1010.9	1085.7	1154.9	1224.1
70°	661.9	678.5	692.4	728.4	783.8	828.1	853.0	930.6	1008.1	1082.9	1160.4
72.5°	553.9	570.5	589.9	634.2	695.2	745.0	772.7	853.0	938.9	1013.7	1094.0
75°	443.1	462.5	484.7	545.6	614.8	664.7	695.2	781.0	869.6	944.4	1030.3
77.5°	343.4	362.8	396.0	457.0	534.5	589.9	623.1	714.5	805.9	880.7	969.3
80°	252.0	271.4	315.7	382.2	462.5	515.1	556.7	650.8	745.0	822.6	911.2
82.5°	171.7	191.1	243.7	315.7	401.6	454.2	493.0	592.7	686.8	767.2	855.8
85°	99.7	127.4	182.8	260.3	349.0	401.6	440.4	542.8	634.2	714.5	805.9
87.5°	44.3	77.5	138.5	216.0	304.7	354.5	396.0	490.2	587.1	667.5	758.9
90°	2.8	44.3	108.0	182.8	268.6	315.7	354.5	448.7	540.1	623.1	711.8
92.5°	5.5	30.5	88.6	157.9	238.2	285.3	324.0	412.7	498.5	584.4	670.2
95°	13.8	30.5	77.5	141.2	216.0	260.3	296.3	382.2	462.5	545.6	628.7
97.5°	22.2	33.2	74.8	132.9	199.4	241.0	274.2	354.5	434.8	509.6	592.7
100°	30.5	41.5	74.8	127.4	188.3	227.1	257.6	332.3	407.1	476.4	559.4
102.5°	38.8	49.9	80.3	127.4	182.8	216.0	246.5	315.7	385.0	448.7	526.2
105°	49.9	58.2	85.9	127.4	177.3	210.5	235.4	299.1	365.6	426.5	495.7
107.5°	60.9	66.5	91.4	130.2	177.3	204.9	229.9	288.0	349.0	404.4	470.8
110°	74.8	77.5	99.7	135.7	177.3	202.2	224.3	279.7	335.1	387.7	448.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	85.9	85.9	108.0	141.2	177.3	202.2	221.6	271.4	324.0	371.1	429.3
115°	99.7	99.7	116.3	146.8	180.0	202.2	221.6	268.6	315.7	357.3	412.7
117.5°	110.8	110.8	127.4	152.3	185.6	204.9	221.6	263.1	307.4	346.2	396.0
120°	121.9	121.9	132.9	157.9	188.3	207.7	221.6	260.3	299.1	337.9	382.2
122.5°	132.9	132.9	141.2	166.2	191.1	207.7	221.6	257.6	293.6	326.8	368.3
125°	144.0	144.0	149.6	171.7	196.6	210.5	224.3	257.6	290.8	318.5	360.0
127.5°	155.1	152.3	160.6	180.0	199.4	213.3	227.1	257.6	285.3	313.0	349.0
130°	163.4	160.6	171.7	185.6	204.9	216.0	227.1	254.8	282.5	307.4	337.9
132.5°	174.5	168.9	182.8	188.3	210.5	221.6	229.9	254.8	279.7	301.9	332.3
135°	182.8	177.3	191.1	196.6	213.3	224.3	232.6	254.8	277.0	299.1	324.0
137.5°	188.3	185.6	199.4	204.9	216.0	227.1	235.4	254.8	274.2	293.6	318.5
140°	191.1	188.3	199.4	210.5	216.0	227.1	232.6	252.0	271.4	288.0	310.2
142.5°	193.9	193.9	202.2	213.3	216.0	224.3	232.6	249.3	265.9	279.7	304.7
145°	193.9	193.9	202.2	216.0	218.8	221.6	227.1	243.7	257.6	271.4	293.6
147.5°	193.9	193.9	204.9	216.0	221.6	224.3	221.6	238.2	252.0	263.1	282.5
150°	193.9	193.9	204.9	216.0	224.3	227.1	224.3	232.6	243.7	254.8	271.4
152.5°	196.6	196.6	204.9	216.0	224.3	227.1	227.1	227.1	235.4	246.5	263.1
155°	196.6	199.4	204.9	221.6	227.1	229.9	229.9	229.9	227.1	238.2	252.0
157.5°	204.9	207.7	210.5	224.3	229.9	232.6	232.6	232.6	229.9	227.1	241.0
160°	213.3	216.0	218.8	229.9	235.4	238.2	238.2	238.2	232.6	229.9	229.9
162.5°	221.6	227.1	227.1	232.6	238.2	241.0	241.0	243.7	238.2	235.4	232.6
165°	232.6	235.4	235.4	238.2	243.7	246.5	243.7	246.5	243.7	241.0	238.2
167.5°	241.0	243.7	243.7	246.5	246.5	249.3	249.3	249.3	246.5	243.7	243.7
170°	249.3	252.0	252.0	252.0	252.0	252.0	252.0	252.0	249.3	243.7	243.7
172.5°	254.8	257.6	257.6	254.8	254.8	254.8	254.8	252.0	246.5	243.7	243.7
175°	257.6	260.3	260.3	257.6	254.8	254.8	254.8	252.0	246.5	243.7	243.7
177.5°	260.3	263.1	260.3	260.3	254.8	254.8	254.8	254.8	249.3	246.5	243.7
180°	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8	2910.8
2.5°	2908.0	2874.8	2896.9	2899.7	2910.8	2899.7	2908.0	2899.7	2921.9	2913.6
5°	2896.9	2866.5	2885.9	2888.6	2902.5	2888.6	2902.5	2896.9	2924.6	2916.3
7.5°	2877.6	2852.6	2869.2	2872.0	2888.6	2874.8	2888.6	2883.1	2916.3	2905.3
10°	2849.9	2830.5	2847.1	2849.9	2866.5	2852.6	2863.7	2858.2	2894.2	2877.6
12.5°	2819.4	2802.8	2816.6	2819.4	2838.8	2824.9	2838.8	2833.2	2869.2	2852.6
15°	2775.1	2766.8	2780.6	2786.2	2805.5	2794.5	2808.3	2802.8	2841.6	2819.4
17.5°	2730.8	2725.2	2739.1	2744.6	2766.8	2752.9	2766.8	2761.2	2800.0	2777.9
20°	2675.4	2672.6	2686.5	2694.8	2714.2	2700.3	2716.9	2711.4	2752.9	2730.8
22.5°	2617.2	2617.2	2628.3	2636.6	2656.0	2644.9	2661.5	2658.8	2700.3	2678.2
25°	2553.5	2556.3	2567.4	2578.4	2600.6	2592.3	2606.1	2606.1	2644.9	2617.2
27.5°	2481.5	2495.4	2503.7	2517.5	2536.9	2528.6	2542.4	2545.2	2584.0	2556.3
30°	2406.7	2426.1	2434.4	2451.0	2467.7	2467.7	2481.5	2487.1	2525.8	2498.1
32.5°	2329.2	2351.3	2362.4	2384.6	2406.7	2406.7	2426.1	2434.4	2473.2	2448.3
35°	2251.6	2282.1	2296.0	2323.6	2345.8	2348.6	2368.0	2379.0	2417.8	2392.9
37.5°	2176.9	2215.6	2229.5	2262.7	2282.1	2287.6	2309.8	2323.6	2359.7	2337.5
40°	2099.3	2146.4	2163.0	2199.0	2215.6	2226.7	2248.9	2265.5	2298.7	2279.3
42.5°	2024.5	2077.2	2093.8	2132.6	2151.9	2163.0	2185.2	2207.3	2240.6	2221.2
45°	1949.8	2007.9	2027.3	2068.9	2085.5	2102.1	2127.0	2146.4	2176.9	2160.2
47.5°	1877.8	1938.7	1958.1	2002.4	2021.8	2041.2	2063.3	2091.0	2118.7	2102.1
50°	1803.0	1866.7	1891.6	1938.7	1955.3	1977.5	2005.2	2030.1	2057.8	2043.9
52.5°	1731.0	1797.4	1822.4	1872.2	1891.6	1913.8	1941.5	1969.1	1994.1	1983.0
55°	1653.4	1725.4	1753.1	1805.7	1825.1	1847.3	1877.8	1908.2	1930.4	1922.1
57.5°	1581.4	1656.2	1683.9	1742.0	1758.7	1786.4	1816.8	1850.1	1869.4	1861.1
60°	1509.4	1584.2	1617.4	1675.6	1695.0	1722.7	1753.1	1789.1	1805.7	1800.2
62.5°	1437.4	1514.9	1550.9	1611.9	1628.5	1659.0	1695.0	1725.4	1742.0	1739.3
65°	1370.9	1445.7	1487.2	1548.2	1564.8	1598.0	1631.3	1664.5	1681.1	1681.1
67.5°	1301.7	1382.0	1423.5	1487.2	1501.1	1537.1	1573.1	1606.3	1620.2	1620.2
70°	1238.0	1315.5	1362.6	1426.3	1440.2	1473.4	1512.2	1548.2	1559.3	1562.0
72.5°	1174.3	1251.8	1301.7	1368.2	1382.0	1415.2	1451.2	1490.0	1498.3	1501.1
75°	1113.4	1190.9	1240.8	1307.2	1321.1	1354.3	1393.1	1429.1	1440.2	1442.9
77.5°	1052.4	1130.0	1185.4	1249.1	1262.9	1296.1	1334.9	1370.9	1379.2	1384.8
80°	997.0	1071.8	1124.4	1193.7	1207.5	1240.8	1276.8	1312.8	1318.3	1326.6
82.5°	941.6	1016.4	1071.8	1138.3	1152.1	1185.4	1221.4	1257.4	1262.9	1274.0
85°	889.0	963.8	1019.2	1082.9	1099.5	1130.0	1168.7	1202.0	1207.5	1215.8
87.5°	841.9	911.2	969.3	1030.3	1046.9	1077.4	1116.1	1149.4	1152.1	1163.2
90°	792.1	861.3	919.5	980.4	997.0	1024.7	1063.5	1096.7	1102.3	1110.6
92.5°	750.5	814.2	875.2	933.3	947.2	977.6	1013.7	1046.9	1052.4	1060.7
95°	706.2	769.9	830.9	886.3	900.1	930.6	963.8	997.0	1002.6	1010.9
97.5°	667.5	728.4	786.6	841.9	855.8	883.5	919.5	950.0	955.5	966.6
100°	631.5	689.6	750.5	800.4	814.2	841.9	875.2	905.6	911.2	922.3
102.5°	598.2	653.6	711.8	758.9	775.5	800.4	833.6	861.3	866.9	875.2
105°	567.8	620.4	675.8	720.1	736.7	761.6	792.1	819.8	825.3	833.6
107.5°	537.3	587.1	639.8	684.1	697.9	720.1	750.5	778.2	783.8	794.9
110°	509.6	559.4	609.3	650.8	667.5	684.1	714.5	739.5	745.0	753.3





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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	484.7	529.0	578.8	617.6	631.5	650.8	675.8	700.7	706.2	717.3
115°	462.5	504.1	553.9	589.9	601.0	617.6	645.3	667.5	673.0	681.3
117.5°	443.1	479.1	523.4	559.4	573.3	587.1	612.1	631.5	639.8	645.3
120°	426.5	459.7	498.5	531.8	548.4	559.4	581.6	601.0	609.3	614.8
122.5°	409.9	440.4	476.4	506.8	520.7	529.0	553.9	570.5	578.8	587.1
125°	396.0	423.7	457.0	481.9	495.7	504.1	526.2	542.8	551.1	556.7
127.5°	382.2	407.1	440.4	459.7	473.6	479.1	498.5	515.1	523.4	526.2
130°	368.3	393.3	421.0	440.4	451.4	459.7	476.4	487.4	495.7	498.5
132.5°	357.3	379.4	404.4	423.7	434.8	437.6	454.2	465.3	473.6	476.4
135°	349.0	365.6	390.5	407.1	415.4	421.0	434.8	443.1	451.4	454.2
137.5°	337.9	354.5	376.7	387.7	398.8	401.6	415.4	423.7	432.0	434.8
140°	329.6	343.4	362.8	373.9	385.0	385.0	396.0	404.4	412.7	412.7
142.5°	321.3	335.1	351.7	362.8	371.1	371.1	382.2	387.7	396.0	396.0
145°	310.2	324.0	340.7	349.0	357.3	357.3	365.6	371.1	379.4	379.4
147.5°	299.1	313.0	329.6	335.1	343.4	343.4	351.7	357.3	362.8	362.8
150°	285.3	296.3	315.7	324.0	332.3	332.3	337.9	343.4	349.0	349.0
152.5°	274.2	282.5	299.1	310.2	318.5	318.5	324.0	329.6	335.1	335.1
155°	260.3	268.6	282.5	296.3	304.7	307.4	313.0	315.7	321.3	321.3
157.5°	249.3	257.6	268.6	279.7	288.0	293.6	301.9	304.7	307.4	307.4
160°	235.4	241.0	252.0	263.1	271.4	277.0	290.8	293.6	296.3	296.3
162.5°	229.9	229.9	235.4	243.7	252.0	254.8	268.6	279.7	285.3	282.5
165°	232.6	229.9	229.9	232.6	238.2	241.0	249.3	265.9	271.4	268.6
167.5°	238.2	232.6	229.9	229.9	235.4	235.4	243.7	257.6	274.2	268.6
170°	238.2	229.9	224.3	224.3	227.1	227.1	232.6	241.0	257.6	260.3
172.5°	235.4	229.9	221.6	210.5	213.3	210.5	207.7	213.3	216.0	243.7
175°	238.2	229.9	221.6	207.7	202.2	193.9	180.0	168.9	166.2	135.7
177.5°	235.4	227.1	216.0	204.9	199.4	188.3	171.7	152.3	141.2	124.6
180°	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3



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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	15.07	16.38	15.71	17.04	17.81	18.69	20.00	19.33	20.67	21.44
	3H	16.41	17.61	17.07	18.29	19.09	21.65	22.84	22.30	23.52	24.32
	4H	16.82	17.96	17.49	18.64	19.46	23.15	24.29	23.83	24.98	25.79
	6H	17.03	18.10	17.72	18.79	19.62	24.76	25.82	25.45	26.52	27.35
	8H	17.07	18.08	17.76	18.80	19.64	25.61	26.63	26.31	27.35	28.18
	12H	17.07	18.05	17.77	18.76	19.62	26.56	27.53	27.26	28.25	29.11
4H	2H	16.22	17.36	16.90	18.05	18.86	19.01	20.15	19.68	20.83	21.65
	3H	17.87	18.84	18.55	19.57	20.40	22.19	23.17	22.88	23.89	24.72
	4H	18.43	19.33	19.14	20.06	20.92	23.87	24.77	24.57	25.50	26.36
	6H	18.77	19.57	19.50	20.32	21.19	25.69	26.49	26.41	27.24	28.10
	8H	18.85	19.60	19.57	20.35	21.23	26.66	27.42	27.39	28.16	29.05
	12H	18.87	19.56	19.62	20.33	21.22	27.75	28.43	28.50	29.20	30.09
8H	4H	19.54	20.29	20.27	21.04	21.92	24.04	24.79	24.77	25.54	26.42
	6H	20.15	20.79	20.90	21.58	22.46	26.04	26.68	26.79	27.46	28.35
	8H	20.35	20.92	21.11	21.71	22.61	27.16	27.73	27.92	28.52	29.42
	12H	20.46	20.97	21.23	21.75	22.71	28.43	28.95	29.20	29.73	30.68
12H	4H	19.91	20.59	20.65	21.36	22.25	24.03	24.72	24.78	25.49	26.38
	6H	20.68	21.26	21.45	22.05	22.95	26.07	26.64	26.83	27.43	28.33
	8H	21.01	21.53	21.78	22.31	23.26	27.25	27.76	28.02	28.54	29.50