

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: P895513

Luminaire Tested: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

Issue Date: 11/11/2024

**Test Information**

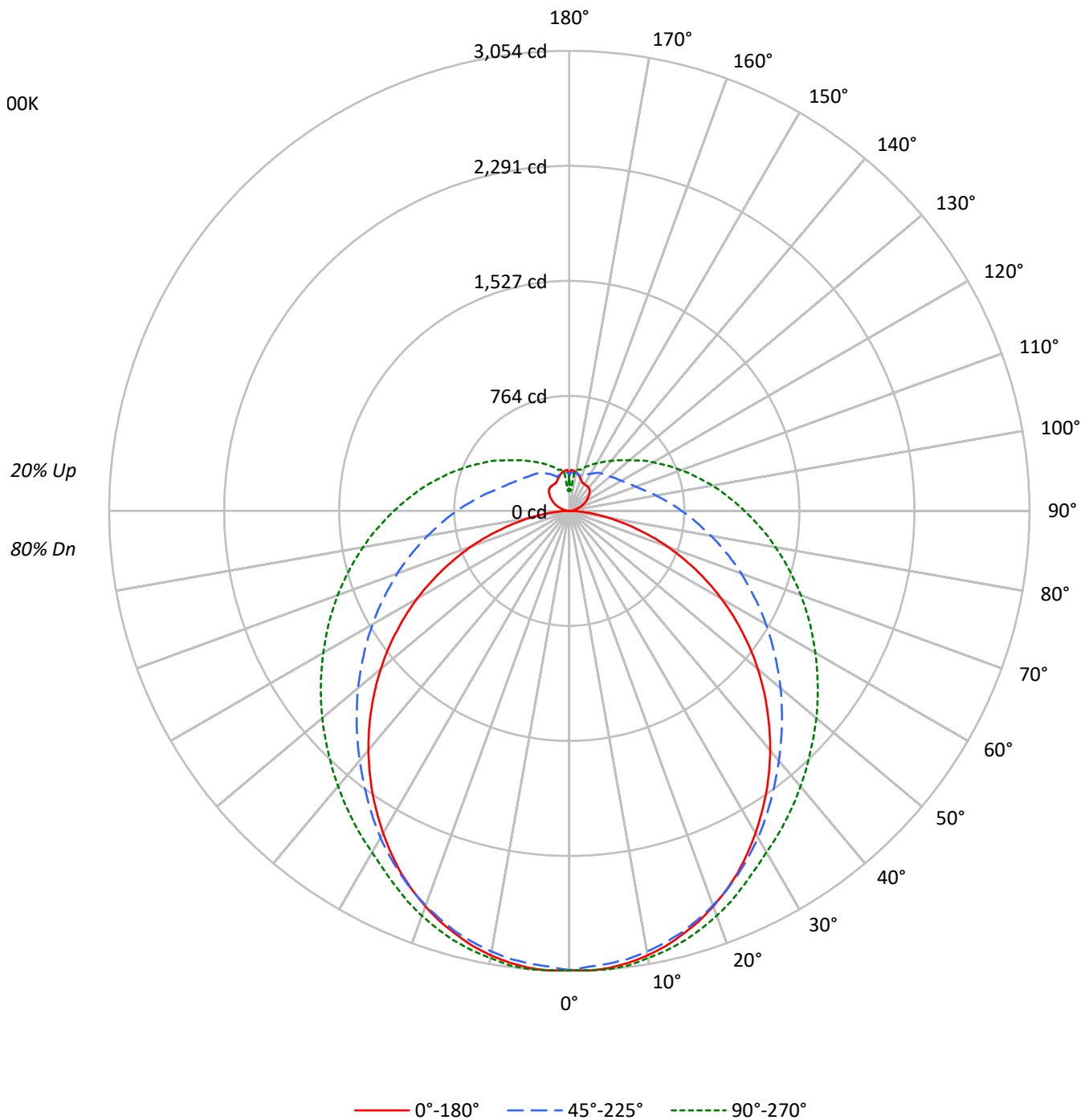
Test Method: LM-79-2019  
Report Number: P895513  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K  
Description: Selectable 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 50  
CCT, HI lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12823.0 lumens  
Efficiency: N/A  
Efficacy: 126.5 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): 101.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.996  
Total Harmonic Distortion (THDi): 5.39961257980444  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P895513  
CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

### Luminous Intensity Polar Plot





TEST NUMBER: P895513  
 CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**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°	10817	10817	10817
5°	10823	10376	10382
10°	10747	9987	9902
15°	10613	9591	9459
20°	10448	9171	9004
25°	10244	8747	8548
30°	9975	8319	8144
35°	9698	7876	7845
40°	9400	7477	7575
45°	9079	7123	7334
50°	8743	6810	7149
55°	8356	6520	6986
60°	7917	6285	6865
65°	7380	6081	6797
70°	6711	5961	6774
75°	5797	5882	6804
80°	4699	5905	6912
85°	3273	6093	7138

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9079 cd/sqm



TEST NUMBER: P895513  
 CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	288.4	2.2
10°-20°	822.5	6.4
20°-30°	1234.9	9.6
30°-40°	1484.9	11.6
40°-50°	1573.3	12.3
50°-60°	1515.1	11.8
60°-70°	1340.9	10.5
70°-80°	1099.8	8.6
80°-90°	853.4	6.7
90°-100°	662.4	5.2
100°-110°	524.8	4.1
110°-120°	418.1	3.3
120°-130°	332.1	2.6
130°-140°	259.3	2.0
140°-150°	190.9	1.5
150°-160°	126.2	1.0
160°-170°	72.6	0.6
170°-180°	23.4	0.2
0°-30°	2345.8	18.3
0°-40°	3830.6	29.9
0°-60°	6919.0	54.0
0°-90°	10213.1	79.6
90°-120°	1605.3	12.5
90°-150°	2387.7	18.6
90°-180°	2610.0	20.4
0°-180°	12823.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3049	3049	3049	3049	3049	
5°	3046	3049	3017	3040	3054	289
15°	2910	2912	2895	2938	2953	821
25°	2648	2657	2657	2724	2741	1218
35°	2280	2309	2335	2457	2506	1425
45°	1856	1900	1996	2184	2263	1433
55°	1401	1471	1665	1912	2013	1253
65°	928	1056	1355	1639	1761	919
75°	464	696	1079	1384	1511	496
85°	104	421	844	1152	1273	119
90°	3	331	746	1044	1163	8
95°	14	273	658	943	1059	15
105°	52	220	519	772	873	56
115°	104	212	432	630	714	102
125°	151	220	377	519	583	135
135°	191	235	339	435	476	146
145°	203	232	308	374	397	127
155°	206	241	264	319	336	97
165°	244	258	250	250	281	68
175°	270	267	255	212	142	25
180°	235	235	235	235	235	



TEST NUMBER: P895513  
 CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7
2.5°	3054.5	3051.6	3057.4	3063.2	3080.6	3057.4	3069.0	3037.1	3040.0	3042.9	3028.4
5°	3045.8	3037.1	3045.8	3051.6	3066.1	3048.7	3060.3	3025.5	3028.4	3034.2	3016.8
7.5°	3025.5	3016.8	3022.6	3028.4	3042.9	3025.5	3040.0	3005.2	3011.0	3013.9	2999.4
10°	2996.5	2984.9	2990.7	2999.4	3011.0	2996.5	3008.1	2976.2	2979.1	2984.9	2970.4
12.5°	2958.8	2947.2	2953.0	2958.8	2973.3	2958.8	2970.4	2938.5	2944.3	2950.1	2935.6
15°	2909.5	2897.8	2903.7	2909.5	2921.1	2912.4	2924.0	2892.0	2897.8	2909.5	2894.9
17.5°	2857.2	2839.8	2845.6	2854.3	2865.9	2860.1	2868.8	2842.7	2845.6	2857.2	2842.7
20°	2793.4	2776.0	2781.8	2790.5	2802.1	2799.2	2805.0	2781.8	2787.6	2802.1	2787.6
22.5°	2723.8	2706.4	2712.2	2723.8	2732.5	2732.5	2735.4	2718.0	2723.8	2738.3	2726.7
25°	2648.4	2631.0	2636.8	2648.4	2657.1	2657.1	2662.9	2645.5	2654.2	2668.7	2657.1
27.5°	2561.4	2552.7	2552.7	2564.3	2570.1	2575.9	2578.8	2564.3	2575.9	2590.4	2581.7
30°	2471.4	2459.8	2465.6	2480.1	2480.1	2491.7	2491.7	2480.1	2494.6	2512.0	2506.2
32.5°	2375.7	2367.0	2369.9	2387.3	2387.3	2401.8	2398.9	2393.1	2407.6	2427.9	2422.1
35°	2280.0	2271.3	2274.2	2291.6	2291.6	2309.0	2303.2	2303.2	2317.7	2340.9	2335.1
37.5°	2178.5	2172.7	2175.6	2193.0	2193.0	2210.4	2204.6	2207.5	2224.9	2251.0	2248.1
40°	2074.0	2068.2	2074.0	2088.5	2094.3	2108.8	2103.0	2108.8	2132.1	2155.3	2164.0
42.5°	1966.7	1963.8	1969.6	1984.1	1989.9	2004.4	2001.5	2010.2	2033.4	2068.2	2079.8
45°	1856.5	1856.5	1862.3	1876.8	1882.6	1900.0	1897.1	1908.7	1937.7	1975.4	1995.7
47.5°	1746.3	1749.2	1752.1	1769.5	1769.5	1798.5	1789.8	1807.2	1844.9	1888.4	1911.6
50°	1633.1	1638.9	1641.8	1656.3	1662.1	1688.2	1682.4	1711.4	1752.1	1798.5	1830.4
52.5°	1520.0	1525.8	1531.6	1543.2	1549.0	1580.9	1575.1	1612.8	1662.1	1711.4	1746.3
55°	1401.1	1412.7	1415.6	1430.1	1438.8	1470.7	1470.7	1514.2	1566.4	1621.5	1665.0
57.5°	1285.0	1296.6	1299.5	1316.9	1328.5	1366.3	1372.1	1421.4	1479.4	1534.5	1586.7
60°	1166.1	1180.6	1183.5	1200.9	1221.2	1261.8	1270.5	1325.6	1389.5	1447.5	1508.4
62.5°	1047.2	1061.7	1067.5	1084.9	1116.8	1157.4	1171.9	1235.7	1302.4	1366.3	1433.0
65°	928.2	942.7	951.4	974.7	1012.4	1055.9	1076.2	1142.9	1218.3	1285.0	1354.7
67.5°	809.3	826.7	838.3	867.3	916.6	963.0	983.4	1058.8	1137.1	1209.6	1282.1
70°	693.3	710.7	725.2	762.9	820.9	867.3	893.4	974.7	1055.9	1134.2	1215.4
72.5°	580.2	597.6	617.9	664.3	728.1	780.3	809.3	893.4	983.4	1061.7	1145.8
75°	464.1	484.4	507.6	571.4	644.0	696.2	728.1	818.0	910.8	989.2	1079.1
77.5°	359.7	380.0	414.8	478.6	559.8	617.9	652.7	748.4	844.1	922.4	1015.3
80°	264.0	284.3	330.7	400.3	484.4	539.5	583.1	681.7	780.3	861.5	954.3
82.5°	179.8	200.2	255.3	330.7	420.6	475.7	516.3	620.8	719.4	803.5	896.3
85°	104.4	133.4	191.4	272.7	365.5	420.6	461.2	568.5	664.3	748.4	844.1
87.5°	46.4	81.2	145.0	226.3	319.1	371.3	414.8	513.4	615.0	699.1	794.8
90°	2.9	46.4	113.1	191.4	281.4	330.7	371.3	469.9	565.6	652.7	745.5
92.5°	5.8	31.9	92.8	165.3	249.5	298.8	339.4	432.2	522.1	612.1	702.0
95°	14.5	31.9	81.2	147.9	226.3	272.7	310.4	400.3	484.4	571.4	658.5
97.5°	23.2	34.8	78.3	139.2	208.9	252.4	287.2	371.3	455.4	533.7	620.8
100°	31.9	43.5	78.3	133.4	197.3	237.9	269.8	348.1	426.4	498.9	586.0
102.5°	40.6	52.2	84.1	133.4	191.4	226.3	258.2	330.7	403.2	469.9	551.1
105°	52.2	60.9	89.9	133.4	185.6	220.5	246.6	313.3	382.9	446.7	519.2
107.5°	63.8	69.6	95.7	136.3	185.6	214.7	240.8	301.7	365.5	423.5	493.1
110°	78.3	81.2	104.4	142.1	185.6	211.8	235.0	293.0	351.0	406.1	469.9



TEST NUMBER: P895513

CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	89.9	89.9	113.1	147.9	185.6	211.8	232.1	284.3	339.4	388.7	449.6
115°	104.4	104.4	121.8	153.7	188.5	211.8	232.1	281.4	330.7	374.2	432.2
117.5°	116.0	116.0	133.4	159.5	194.4	214.7	232.1	275.6	322.0	362.6	414.8
120°	127.6	127.6	139.2	165.3	197.3	217.6	232.1	272.7	313.3	353.9	400.3
122.5°	139.2	139.2	147.9	174.0	200.2	217.6	232.1	269.8	307.5	342.3	385.8
125°	150.8	150.8	156.6	179.8	206.0	220.5	235.0	269.8	304.6	333.6	377.1
127.5°	162.4	159.5	168.2	188.5	208.9	223.4	237.9	269.8	298.8	327.8	365.5
130°	171.1	168.2	179.8	194.4	214.7	226.3	237.9	266.9	295.9	322.0	353.9
132.5°	182.7	176.9	191.4	197.3	220.5	232.1	240.8	266.9	293.0	316.2	348.1
135°	191.4	185.6	200.2	206.0	223.4	235.0	243.7	266.9	290.1	313.3	339.4
137.5°	197.3	194.4	208.9	214.7	226.3	237.9	246.6	266.9	287.2	307.5	333.6
140°	200.2	197.3	208.9	220.5	226.3	237.9	243.7	264.0	284.3	301.7	324.9
142.5°	203.1	203.1	211.8	223.4	226.3	235.0	243.7	261.1	278.5	293.0	319.1
145°	203.1	203.1	211.8	226.3	229.2	232.1	237.9	255.3	269.8	284.3	307.5
147.5°	203.1	203.1	214.7	226.3	232.1	235.0	232.1	249.5	264.0	275.6	295.9
150°	203.1	203.1	214.7	226.3	235.0	237.9	235.0	243.7	255.3	266.9	284.3
152.5°	206.0	206.0	214.7	226.3	235.0	237.9	237.9	237.9	246.6	258.2	275.6
155°	206.0	208.9	214.7	232.1	237.9	240.8	240.8	240.8	237.9	249.5	264.0
157.5°	214.7	217.6	220.5	235.0	240.8	243.7	243.7	243.7	240.8	237.9	252.4
160°	223.4	226.3	229.2	240.8	246.6	249.5	249.5	249.5	243.7	240.8	240.8
162.5°	232.1	237.9	237.9	243.7	249.5	252.4	252.4	255.3	249.5	246.6	243.7
165°	243.7	246.6	246.6	249.5	255.3	258.2	255.3	258.2	255.3	252.4	249.5
167.5°	252.4	255.3	255.3	258.2	258.2	261.1	261.1	261.1	258.2	255.3	255.3
170°	261.1	264.0	264.0	264.0	264.0	264.0	264.0	264.0	261.1	255.3	255.3
172.5°	266.9	269.8	269.8	266.9	266.9	266.9	266.9	264.0	258.2	255.3	255.3
175°	269.8	272.7	272.7	269.8	266.9	266.9	266.9	264.0	258.2	255.3	255.3
177.5°	272.7	275.6	272.7	272.7	266.9	266.9	266.9	266.9	261.1	258.2	255.3
180°	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0



TEST NUMBER: P895513

CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7	3048.7
2.5°	3045.8	3011.0	3034.2	3037.1	3048.7	3037.1	3045.8	3037.1	3060.3	3051.6
5°	3034.2	3002.3	3022.6	3025.5	3040.0	3025.5	3040.0	3034.2	3063.2	3054.5
7.5°	3013.9	2987.8	3005.2	3008.1	3025.5	3011.0	3025.5	3019.7	3054.5	3042.9
10°	2984.9	2964.6	2982.0	2984.9	3002.3	2987.8	2999.4	2993.6	3031.3	3013.9
12.5°	2953.0	2935.6	2950.1	2953.0	2973.3	2958.8	2973.3	2967.5	3005.2	2987.8
15°	2906.6	2897.8	2912.4	2918.2	2938.5	2926.9	2941.4	2935.6	2976.2	2953.0
17.5°	2860.1	2854.3	2868.8	2874.6	2897.8	2883.3	2897.8	2892.0	2932.7	2909.5
20°	2802.1	2799.2	2813.7	2822.4	2842.7	2828.2	2845.6	2839.8	2883.3	2860.1
22.5°	2741.2	2741.2	2752.8	2761.5	2781.8	2770.2	2787.6	2784.7	2828.2	2805.0
25°	2674.5	2677.4	2689.0	2700.6	2723.8	2715.1	2729.6	2729.6	2770.2	2741.2
27.5°	2599.1	2613.6	2622.3	2636.8	2657.1	2648.4	2662.9	2665.8	2706.4	2677.4
30°	2520.8	2541.1	2549.8	2567.2	2584.6	2584.6	2599.1	2604.9	2645.5	2616.5
32.5°	2439.5	2462.7	2474.3	2497.5	2520.8	2520.8	2541.1	2549.8	2590.4	2564.3
35°	2358.3	2390.2	2404.7	2433.7	2456.9	2459.8	2480.1	2491.7	2532.4	2506.2
37.5°	2280.0	2320.6	2335.1	2369.9	2390.2	2396.0	2419.2	2433.7	2471.4	2448.2
40°	2198.8	2248.1	2265.5	2303.2	2320.6	2332.2	2355.4	2372.8	2407.6	2387.3
42.5°	2120.4	2175.6	2193.0	2233.6	2253.9	2265.5	2288.7	2311.9	2346.7	2326.4
45°	2042.1	2103.0	2123.3	2166.9	2184.3	2201.7	2227.8	2248.1	2280.0	2262.6
47.5°	1966.7	2030.5	2050.8	2097.2	2117.5	2137.9	2161.1	2190.1	2219.1	2201.7
50°	1888.4	1955.1	1981.2	2030.5	2047.9	2071.1	2100.1	2126.2	2155.3	2140.8
52.5°	1813.0	1882.6	1908.7	1960.9	1981.2	2004.4	2033.4	2062.4	2088.5	2076.9
55°	1731.7	1807.2	1836.2	1891.3	1911.6	1934.8	1966.7	1998.6	2021.8	2013.1
57.5°	1656.3	1734.6	1763.7	1824.6	1842.0	1871.0	1902.9	1937.7	1958.0	1949.3
60°	1580.9	1659.2	1694.0	1755.0	1775.3	1804.3	1836.2	1873.9	1891.3	1885.5
62.5°	1505.5	1586.7	1624.4	1688.2	1705.6	1737.5	1775.3	1807.2	1824.6	1821.7
65°	1435.9	1514.2	1557.7	1621.5	1638.9	1673.7	1708.5	1743.4	1760.8	1760.8
67.5°	1363.4	1447.5	1491.0	1557.7	1572.2	1609.9	1647.6	1682.4	1696.9	1696.9
70°	1296.6	1377.9	1427.2	1493.9	1508.4	1543.2	1583.8	1621.5	1633.1	1636.0
72.5°	1229.9	1311.1	1363.4	1433.0	1447.5	1482.3	1520.0	1560.6	1569.3	1572.2
75°	1166.1	1247.3	1299.5	1369.2	1383.7	1418.5	1459.1	1496.8	1508.4	1511.3
77.5°	1102.3	1183.5	1241.5	1308.2	1322.7	1357.6	1398.2	1435.9	1444.6	1450.4
80°	1044.3	1122.6	1177.7	1250.2	1264.7	1299.5	1337.2	1375.0	1380.8	1389.5
82.5°	986.3	1064.6	1122.6	1192.2	1206.7	1241.5	1279.2	1316.9	1322.7	1334.3
85°	931.1	1009.5	1067.5	1134.2	1151.6	1183.5	1224.1	1258.9	1264.7	1273.4
87.5°	881.8	954.3	1015.3	1079.1	1096.5	1128.4	1169.0	1203.8	1206.7	1218.3
90°	829.6	902.1	963.0	1026.9	1044.3	1073.3	1113.9	1148.7	1154.5	1163.2
92.5°	786.1	852.8	916.6	977.6	992.1	1024.0	1061.7	1096.5	1102.3	1111.0
95°	739.7	806.4	870.2	928.2	942.7	974.7	1009.5	1044.3	1050.1	1058.8
97.5°	699.1	762.9	823.8	881.8	896.3	925.3	963.0	995.0	1000.8	1012.4
100°	661.4	722.3	786.1	838.3	852.8	881.8	916.6	948.5	954.3	965.9
102.5°	626.6	684.6	745.5	794.8	812.2	838.3	873.1	902.1	907.9	916.6
105°	594.7	649.8	707.8	754.2	771.6	797.7	829.6	858.6	864.4	873.1
107.5°	562.7	615.0	670.1	716.5	731.0	754.2	786.1	815.1	820.9	832.5
110°	533.7	586.0	638.2	681.7	699.1	716.5	748.4	774.5	780.3	789.0





TEST NUMBER: P895513

CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	507.6	554.0	606.3	646.9	661.4	681.7	707.8	733.9	739.7	751.3
115°	484.4	527.9	580.2	617.9	629.5	646.9	675.9	699.1	704.9	713.6
117.5°	464.1	501.8	548.2	586.0	600.5	615.0	641.1	661.4	670.1	675.9
120°	446.7	481.5	522.1	556.9	574.3	586.0	609.2	629.5	638.2	644.0
122.5°	429.3	461.2	498.9	530.8	545.3	554.0	580.2	597.6	606.3	615.0
125°	414.8	443.8	478.6	504.7	519.2	527.9	551.1	568.5	577.2	583.1
127.5°	400.3	426.4	461.2	481.5	496.0	501.8	522.1	539.5	548.2	551.1
130°	385.8	411.9	440.9	461.2	472.8	481.5	498.9	510.5	519.2	522.1
132.5°	374.2	397.4	423.5	443.8	455.4	458.3	475.7	487.3	496.0	498.9
135°	365.5	382.9	409.0	426.4	435.1	440.9	455.4	464.1	472.8	475.7
137.5°	353.9	371.3	394.5	406.1	417.7	420.6	435.1	443.8	452.5	455.4
140°	345.2	359.7	380.0	391.6	403.2	403.2	414.8	423.5	432.2	432.2
142.5°	336.5	351.0	368.4	380.0	388.7	388.7	400.3	406.1	414.8	414.8
145°	324.9	339.4	356.8	365.5	374.2	374.2	382.9	388.7	397.4	397.4
147.5°	313.3	327.8	345.2	351.0	359.7	359.7	368.4	374.2	380.0	380.0
150°	298.8	310.4	330.7	339.4	348.1	348.1	353.9	359.7	365.5	365.5
152.5°	287.2	295.9	313.3	324.9	333.6	333.6	339.4	345.2	351.0	351.0
155°	272.7	281.4	295.9	310.4	319.1	322.0	327.8	330.7	336.5	336.5
157.5°	261.1	269.8	281.4	293.0	301.7	307.5	316.2	319.1	322.0	322.0
160°	246.6	252.4	264.0	275.6	284.3	290.1	304.6	307.5	310.4	310.4
162.5°	240.8	240.8	246.6	255.3	264.0	266.9	281.4	293.0	298.8	295.9
165°	243.7	240.8	240.8	243.7	249.5	252.4	261.1	278.5	284.3	281.4
167.5°	249.5	243.7	240.8	240.8	246.6	246.6	255.3	269.8	287.2	281.4
170°	249.5	240.8	235.0	235.0	237.9	237.9	243.7	252.4	269.8	272.7
172.5°	246.6	240.8	232.1	220.5	223.4	220.5	217.6	223.4	226.3	255.3
175°	249.5	240.8	232.1	217.6	211.8	203.1	188.5	176.9	174.0	142.1
177.5°	246.6	237.9	226.3	214.7	208.9	197.3	179.8	159.5	147.9	130.5
180°	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0	235.0



TEST NUMBER: P895513  
 CATALOG NUMBER: 8TMB-SC3-RNDU-UNV-CC83-HI-5000K

**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	15.23	16.54	15.87	17.20	17.97	18.85	20.16	19.49	20.83	21.60
	3H	16.58	17.77	17.23	18.45	19.25	21.81	23.00	22.46	23.68	24.48
	4H	16.98	18.12	17.65	18.80	19.62	23.31	24.45	23.99	25.14	25.95
	6H	17.19	18.26	17.88	18.95	19.78	24.92	25.99	25.61	26.68	27.51
	8H	17.23	18.25	17.92	18.96	19.80	25.77	26.79	26.47	27.51	28.34
	12H	17.23	18.21	17.93	18.92	19.78	26.72	27.70	27.42	28.41	29.27
4H	2H	16.39	17.52	17.06	18.21	19.03	19.17	20.31	19.84	20.99	21.81
	3H	18.03	19.00	18.71	19.73	20.56	22.35	23.33	23.04	24.05	24.88
	4H	18.59	19.50	19.30	20.22	21.08	24.03	24.93	24.74	25.66	26.52
	6H	18.94	19.73	19.66	20.48	21.35	25.85	26.65	26.57	27.40	28.27
	8H	19.01	19.76	19.73	20.51	21.39	26.83	27.58	27.55	28.32	29.21
	12H	19.03	19.72	19.78	20.49	21.38	27.91	28.60	28.66	29.37	30.25
8H	4H	19.70	20.45	20.43	21.20	22.08	24.20	24.95	24.93	25.70	26.58
	6H	20.31	20.95	21.06	21.74	22.62	26.20	26.84	26.95	27.62	28.51
	8H	20.51	21.08	21.27	21.87	22.77	27.32	27.89	28.08	28.68	29.58
	12H	20.62	21.14	21.39	21.91	22.87	28.59	29.11	29.36	29.89	30.85
12H	4H	20.07	20.75	20.81	21.52	22.41	24.19	24.88	24.94	25.65	26.54
	6H	20.85	21.42	21.61	22.21	23.11	26.23	26.81	26.99	27.59	28.49
	8H	21.17	21.69	21.94	22.47	23.43	27.41	27.92	28.18	28.70	29.66