

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: P895499

Luminaire Tested: 8TMB-SC3-RND-UNV-CC83-MID-3500K

Issue Date: 11/11/2024

**Test Information**

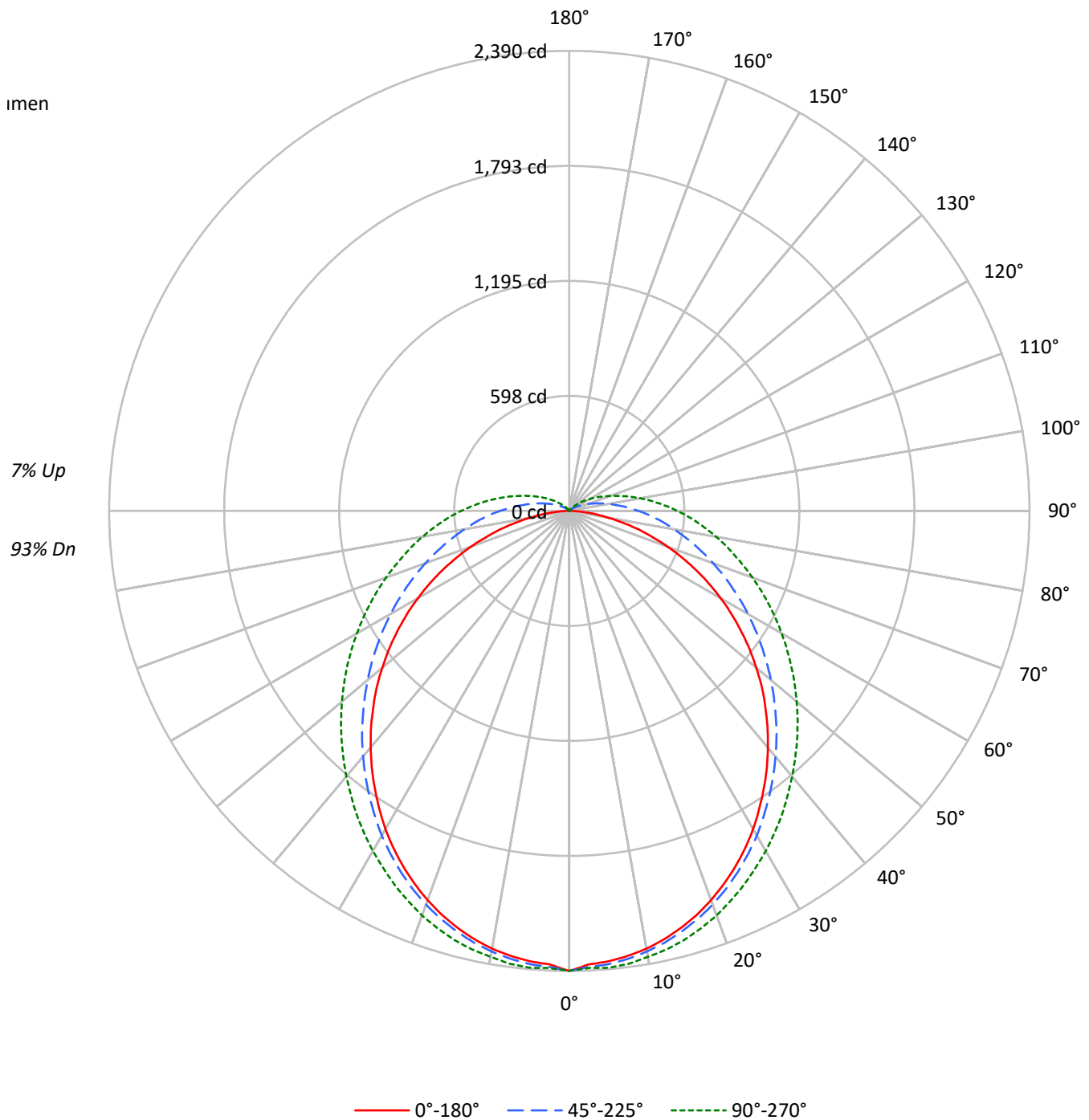
Test Method: LM-79-2019  
Report Number: P895499  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-SC3-RND-UNV-CC83-MID-3500K  
Description: Selectable 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3500K CCT, MID lu setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7911.0 lumens  
Efficiency: N/A  
Efficacy: 118.3 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): 66.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.9948  
Total Harmonic Distortion (THDi): 5.65231997856897  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P895499  
CATALOG NUMBER: 8TMB-SC3-RND-UNV-CC83-MID-3500K

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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°	8479	8479	8479
5°	8365	8418	8485
10°	8320	8374	8475
15°	8236	8304	8476
20°	8126	8218	8444
25°	7986	8104	8397
30°	7822	7983	8358
35°	7629	7840	8342
40°	7431	7717	8340
45°	7225	7610	8397
50°	6998	7545	8505
55°	6743	7530	8710
60°	6449	7603	9036
65°	6091	7802	9576
70°	5645	8244	10494
75°	5101	9177	12176
80°	4317	11310	15817
85°	3501	18421	27101

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 49888 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	226.0	2.9
10°-20°	643.9	8.1
20°-30°	964.2	12.2
30°-40°	1149.6	14.5
40°-50°	1192.3	15.1
50°-60°	1106.2	14.0
60°-70°	922.8	11.7
70°-80°	688.0	8.7
80°-90°	458.1	5.8
90°-100°	278.9	3.5
100°-110°	155.7	2.0
110°-120°	77.8	1.0
120°-130°	32.5	0.4
130°-140°	10.2	0.1
140°-150°	2.5	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	1834.1	23.2
0°-40°	2983.7	37.7
0°-60°	5282.2	66.8
0°-90°	7351.2	92.9
90°-120°	512.4	6.5
90°-150°	557.7	7.0
90°-180°	560.0	7.1
0°-180°	7911.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2390	2390	2390	2390	2390	
5°	2349	2403	2364	2377	2382	223
15°	2242	2300	2261	2302	2307	632
25°	2040	2094	2070	2128	2145	939
35°	1761	1808	1810	1900	1926	1102
45°	1440	1477	1516	1636	1674	1111
55°	1090	1128	1217	1359	1408	975
65°	726	784	929	1086	1141	718
75°	372	475	669	832	888	393
85°	86	236	452	608	666	97
90°	4	155	359	507	561	6
95°	0	95	277	415	464	0
105°	0	30	152	256	295	0
115°	2	8	71	144	172	2
125°	2	2	28	69	86	2
135°	2	2	8	24	32	1
145°	2	2	2	6	8	1
155°	4	4	2	2	2	2
165°	4	4	2	2	2	1
175°	4	4	4	2	0	0
180°	4	4	4	4	4	



TEST NUMBER: P895499

CATALOG NUMBER: 8TMB-SC3-RND-UNV-CC83-MID-3500K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7
2.5°	2357.9	2361.7	2395.3	2393.4	2387.8	2410.3	2415.9	2397.2	2367.3	2397.2	2371.0
5°	2348.6	2352.3	2386.0	2384.1	2378.5	2402.8	2404.7	2387.8	2357.9	2387.8	2363.5
7.5°	2331.7	2335.5	2369.1	2367.3	2363.5	2387.8	2386.0	2372.9	2341.1	2372.9	2346.7
10°	2309.3	2311.2	2346.7	2343.0	2341.1	2365.4	2359.8	2348.6	2316.8	2348.6	2324.3
12.5°	2279.4	2281.3	2316.8	2313.0	2313.0	2335.5	2328.0	2318.7	2286.9	2316.8	2296.2
15°	2242.0	2243.9	2277.5	2275.6	2275.6	2300.0	2288.7	2281.3	2251.3	2283.1	2260.7
17.5°	2200.8	2199.0	2234.5	2230.8	2234.5	2256.9	2242.0	2238.2	2210.2	2240.1	2221.4
20°	2152.2	2152.2	2184.0	2182.1	2187.8	2208.3	2189.6	2191.5	2163.5	2195.2	2176.5
22.5°	2098.0	2096.1	2127.9	2127.9	2133.5	2154.1	2133.5	2139.1	2111.1	2141.0	2126.1
25°	2040.0	2036.3	2068.1	2068.1	2077.4	2094.3	2071.8	2079.3	2053.1	2083.0	2070.0
27.5°	1976.5	1970.9	2002.6	2004.5	2012.0	2028.8	2004.5	2015.7	1991.4	2019.5	2010.1
30°	1909.1	1903.5	1935.3	1937.2	1946.5	1959.6	1935.3	1950.3	1927.8	1955.9	1948.4
32.5°	1836.2	1832.5	1862.4	1866.1	1875.5	1884.8	1862.4	1877.4	1858.7	1886.7	1879.2
35°	1761.4	1757.7	1785.7	1791.3	1800.7	1808.2	1783.9	1804.4	1787.6	1813.8	1810.0
37.5°	1684.8	1679.2	1709.1	1712.8	1724.0	1727.8	1705.3	1729.6	1714.7	1740.9	1739.0
40°	1604.4	1598.7	1628.7	1632.4	1643.6	1643.6	1624.9	1651.1	1639.9	1664.2	1666.1
42.5°	1524.0	1518.3	1544.5	1552.0	1561.3	1561.3	1542.7	1570.7	1563.2	1587.5	1593.1
45°	1439.8	1434.2	1458.5	1466.0	1477.2	1477.2	1458.5	1490.3	1484.7	1509.0	1516.5
47.5°	1357.5	1350.1	1372.5	1380.0	1391.2	1389.3	1374.4	1406.1	1404.3	1428.6	1441.7
50°	1267.8	1262.2	1284.6	1292.1	1305.2	1301.4	1290.2	1323.9	1323.9	1348.2	1366.9
52.5°	1179.9	1174.3	1196.7	1204.2	1215.4	1215.4	1204.2	1239.7	1245.3	1269.6	1292.1
55°	1090.1	1082.7	1105.1	1112.6	1125.7	1127.5	1118.2	1153.7	1164.9	1193.0	1217.3
57.5°	1000.4	996.6	1015.3	1022.8	1039.7	1039.7	1034.0	1071.4	1086.4	1116.3	1144.4
60°	908.8	905.0	921.9	931.2	949.9	953.6	949.9	989.2	1009.7	1039.7	1071.4
62.5°	817.1	813.4	830.2	843.3	863.9	867.6	869.5	910.6	933.1	964.9	1000.4
65°	725.5	721.8	738.6	753.6	777.9	783.5	789.1	832.1	858.3	891.9	929.3
67.5°	633.9	632.0	648.8	667.5	693.7	701.2	710.6	755.4	785.3	820.9	862.0
70°	544.1	542.3	559.1	581.5	613.3	622.7	633.9	678.8	716.2	753.6	794.7
72.5°	454.4	456.3	474.9	501.1	536.7	546.0	561.0	607.7	648.8	688.1	731.1
75°	372.1	372.1	392.7	422.6	461.9	474.9	491.8	540.4	583.4	624.5	669.4
77.5°	288.0	288.0	312.3	349.7	392.7	405.8	426.3	476.8	523.6	564.7	609.6
80°	211.3	215.0	243.1	280.5	325.4	342.2	366.5	417.0	467.5	508.6	553.5
82.5°	144.0	149.6	179.5	222.5	267.4	284.2	308.5	362.8	413.2	456.3	503.0
85°	86.0	95.4	127.2	170.2	216.9	235.6	261.8	312.3	362.8	405.8	452.5
87.5°	39.3	52.4	86.0	129.0	173.9	194.5	216.9	265.5	316.0	359.0	407.6
90°	3.7	22.4	56.1	93.5	136.5	155.2	177.6	224.4	273.0	312.3	359.0
92.5°	0.0	9.3	33.7	67.3	104.7	123.4	144.0	188.9	231.9	271.1	316.0
95°	0.0	3.7	18.7	46.7	78.5	95.4	114.1	155.2	198.2	235.6	276.7
97.5°	0.0	1.9	11.2	31.8	58.0	72.9	89.8	127.2	166.4	201.9	239.3
100°	0.0	1.9	5.6	20.6	43.0	54.2	71.1	102.8	138.4	170.2	207.6
102.5°	0.0	0.0	3.7	13.1	31.8	41.1	54.2	82.3	114.1	144.0	177.6
105°	0.0	0.0	1.9	9.3	22.4	29.9	41.1	65.4	93.5	119.7	151.5
107.5°	0.0	0.0	1.9	5.6	15.0	22.4	31.8	50.5	74.8	99.1	127.2
110°	1.9	1.9	1.9	3.7	11.2	16.8	22.4	39.3	61.7	82.3	106.6



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CATALOG NUMBER: 8TMB-SC3-RND-UNV-CC83-MID-3500K

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	1.9	1.9	1.9	1.9	7.5	11.2	16.8	29.9	48.6	65.4	87.9
115°	1.9	1.9	1.9	1.9	5.6	7.5	11.2	22.4	37.4	52.4	71.1
117.5°	1.9	1.9	1.9	1.9	3.7	5.6	7.5	16.8	28.0	41.1	58.0
120°	1.9	1.9	1.9	1.9	1.9	3.7	5.6	11.2	22.4	31.8	46.7
122.5°	1.9	1.9	1.9	1.9	1.9	3.7	3.7	9.3	16.8	24.3	35.5
125°	1.9	1.9	1.9	1.9	1.9	1.9	3.7	5.6	11.2	18.7	28.0
127.5°	1.9	1.9	1.9	1.9	1.9	1.9	3.7	5.6	7.5	13.1	20.6
130°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.7	5.6	9.3	15.0
132.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.7	5.6	7.5	11.2
135°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.7	5.6	7.5
137.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.7	3.7	5.6
140°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.7	3.7
142.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.7
145°	1.9	3.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
147.5°	1.9	3.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
150°	1.9	3.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
152.5°	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9	1.9	1.9	1.9
155°	3.7	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9	1.9	1.9
157.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9
160°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9
162.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	1.9	1.9	1.9
165°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	1.9	1.9
167.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	1.9
170°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
172.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	1.9
175°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
177.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
180°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7	2389.7
2.5°	2378.5	2384.1	2389.7	2374.7	2384.1	2400.9	2406.5	2384.1	2391.6	2376.6
5°	2371.0	2374.7	2382.2	2363.5	2376.6	2391.6	2400.9	2382.2	2393.4	2382.2
7.5°	2356.0	2359.8	2369.1	2350.4	2367.3	2380.4	2391.6	2372.9	2384.1	2372.9
10°	2333.6	2339.2	2352.3	2329.9	2350.4	2361.7	2372.9	2352.3	2363.5	2352.3
12.5°	2305.6	2314.9	2326.1	2305.6	2326.1	2335.5	2350.4	2329.9	2343.0	2333.6
15°	2271.9	2281.3	2296.2	2275.6	2301.8	2309.3	2324.3	2303.7	2316.8	2307.4
17.5°	2232.6	2243.9	2262.6	2238.2	2268.2	2273.8	2288.7	2270.0	2283.1	2273.8
20°	2187.8	2199.0	2217.7	2195.2	2225.2	2228.9	2245.7	2228.9	2242.0	2236.4
22.5°	2135.4	2148.5	2167.2	2146.6	2178.4	2178.4	2199.0	2182.1	2197.1	2191.5
25°	2081.2	2096.1	2116.7	2094.3	2127.9	2127.9	2150.4	2133.5	2148.5	2144.8
27.5°	2023.2	2040.0	2064.3	2041.9	2075.6	2073.7	2096.1	2081.2	2098.0	2092.4
30°	1961.5	1980.2	2004.5	1985.8	2021.3	2017.6	2040.0	2026.9	2041.9	2040.0
32.5°	1894.2	1914.8	1944.7	1924.1	1959.6	1955.9	1983.9	1969.0	1987.7	1983.9
35°	1826.9	1849.3	1879.2	1860.5	1899.8	1894.2	1922.2	1909.1	1927.8	1926.0
37.5°	1757.7	1782.0	1811.9	1797.0	1834.4	1828.7	1858.7	1847.4	1868.0	1862.4
40°	1686.6	1710.9	1742.7	1729.6	1768.9	1761.4	1793.2	1783.9	1804.4	1800.7
42.5°	1615.6	1641.8	1673.5	1666.1	1703.5	1696.0	1727.8	1720.3	1740.9	1737.1
45°	1542.7	1570.7	1604.4	1596.9	1636.1	1628.7	1660.5	1654.8	1675.4	1673.5
47.5°	1469.7	1499.6	1533.3	1529.6	1567.0	1559.5	1593.1	1587.5	1608.1	1608.1
50°	1394.9	1428.6	1462.2	1460.4	1497.8	1490.3	1520.2	1520.2	1542.7	1540.8
52.5°	1320.1	1355.7	1391.2	1391.2	1428.6	1421.1	1454.8	1452.9	1475.3	1475.3
55°	1249.1	1280.9	1316.4	1323.9	1359.4	1348.2	1383.7	1387.5	1406.1	1408.0
57.5°	1178.0	1211.7	1247.2	1256.6	1290.2	1282.7	1316.4	1320.1	1338.8	1340.7
60°	1107.0	1138.8	1174.3	1187.4	1221.0	1213.6	1247.2	1250.9	1271.5	1273.4
62.5°	1035.9	1067.7	1107.0	1120.1	1151.8	1146.2	1181.8	1185.5	1204.2	1207.9
65°	966.7	1000.4	1037.8	1056.5	1086.4	1078.9	1114.4	1118.2	1138.8	1140.6
67.5°	899.4	933.1	970.5	991.0	1019.1	1015.3	1049.0	1056.5	1073.3	1077.1
70°	834.0	867.6	906.9	927.5	955.5	953.6	985.4	991.0	1009.7	1011.6
72.5°	770.4	804.0	843.3	867.6	891.9	890.1	921.9	929.3	948.0	949.9
75°	708.7	744.2	781.6	807.8	832.1	830.2	862.0	869.5	886.3	888.2
77.5°	650.7	686.2	725.5	751.7	772.3	774.1	802.2	809.7	826.5	832.1
80°	596.5	630.1	667.5	695.6	714.3	718.0	744.2	753.6	766.7	774.1
82.5°	544.1	577.8	615.2	641.4	660.1	663.8	688.1	699.3	712.4	718.0
85°	493.6	527.3	562.8	590.9	607.7	609.6	633.9	645.1	656.3	665.7
87.5°	445.0	478.7	512.3	542.3	557.2	561.0	583.4	594.6	604.0	613.3
90°	396.4	430.1	463.7	491.8	506.7	508.6	532.9	544.1	553.5	561.0
92.5°	351.5	385.2	418.9	446.9	460.0	463.7	484.3	497.4	504.9	512.3
95°	308.5	342.2	372.1	402.0	415.1	420.7	439.4	450.6	460.0	463.7
97.5°	271.1	301.1	329.1	359.0	370.2	375.8	394.5	407.6	415.1	418.9
100°	235.6	263.7	289.8	317.9	329.1	334.7	351.5	362.8	370.2	375.8
102.5°	203.8	230.0	254.3	280.5	291.7	295.4	310.4	321.6	329.1	334.7
105°	175.8	200.1	222.5	246.8	256.2	261.8	274.9	284.2	291.7	295.4
107.5°	149.6	173.9	192.6	215.0	224.4	228.1	241.2	252.4	258.0	259.9
110°	127.2	147.7	166.4	185.1	196.3	200.1	211.3	220.6	226.3	228.1





TEST NUMBER: P895499

CATALOG NUMBER: 8TMB-SC3-RND-UNV-CC83-MID-3500K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	106.6	125.3	142.1	158.9	168.3	172.0	183.2	192.6	196.3	198.2
115°	87.9	106.6	119.7	136.5	144.0	147.7	157.1	166.4	168.3	172.0
117.5°	71.1	87.9	101.0	114.1	121.5	125.3	132.8	140.2	144.0	145.9
120°	58.0	71.1	82.3	95.4	101.0	104.7	112.2	119.7	121.5	123.4
122.5°	46.7	58.0	67.3	78.5	84.1	87.9	93.5	99.1	101.0	102.8
125°	35.5	46.7	54.2	63.6	69.2	71.1	76.7	82.3	84.1	86.0
127.5°	28.0	35.5	43.0	50.5	54.2	56.1	61.7	65.4	67.3	69.2
130°	20.6	26.2	31.8	39.3	43.0	44.9	48.6	52.4	54.2	54.2
132.5°	15.0	20.6	24.3	29.9	31.8	33.7	37.4	41.1	41.1	43.0
135°	9.3	13.1	16.8	20.6	24.3	24.3	28.0	29.9	31.8	31.8
137.5°	7.5	9.3	11.2	15.0	16.8	18.7	18.7	22.4	22.4	22.4
140°	5.6	7.5	7.5	9.3	11.2	13.1	13.1	15.0	15.0	15.0
142.5°	3.7	5.6	5.6	7.5	7.5	9.3	9.3	9.3	11.2	11.2
145°	3.7	3.7	3.7	5.6	5.6	5.6	5.6	7.5	7.5	7.5
147.5°	1.9	1.9	3.7	3.7	3.7	3.7	3.7	5.6	5.6	5.6
150°	1.9	1.9	1.9	1.9	1.9	3.7	3.7	3.7	3.7	3.7
152.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
157.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
160°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
162.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
165°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
167.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
170°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
172.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
175°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0
177.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0
180°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7



TEST NUMBER: P895499  
 CATALOG NUMBER: 8TMB-SC3-RND-UNV-CC83-MID-3500K

**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	17.71	19.25	18.19	19.71	20.20	19.28	20.82	19.76	21.28	21.77
	3H	19.39	20.79	19.87	21.26	21.79	21.91	23.31	22.39	23.78	24.31
	4H	19.99	21.32	20.49	21.80	22.34	23.22	24.55	23.73	25.04	25.58
	6H	20.39	21.63	20.90	22.12	22.68	24.63	25.87	25.14	26.36	26.92
	8H	20.50	21.69	21.03	22.21	22.78	25.38	26.56	25.91	27.09	27.65
	12H	20.58	21.72	21.12	22.24	22.83	26.23	27.37	26.76	27.88	28.48
4H	2H	18.64	19.97	19.15	20.46	21.00	19.84	21.17	20.34	21.65	22.19
	3H	20.62	21.76	21.14	22.28	22.85	22.75	23.89	23.27	24.42	24.98
	4H	21.40	22.44	21.93	22.98	23.57	24.28	25.32	24.81	25.86	26.45
	6H	21.98	22.90	22.53	23.46	24.07	25.92	26.84	26.48	27.40	28.01
	8H	22.16	23.03	22.72	23.59	24.21	26.80	27.67	27.36	28.23	28.85
	12H	22.28	23.07	22.87	23.66	24.29	27.81	28.59	28.39	29.19	29.81
8H	4H	22.28	23.14	22.84	23.71	24.33	24.64	25.51	25.20	26.07	26.69
	6H	23.16	23.89	23.75	24.50	25.13	26.54	27.28	27.13	27.88	28.51
	8H	23.51	24.17	24.11	24.79	25.43	27.62	28.29	28.23	28.90	29.54
	12H	23.78	24.37	24.38	24.98	25.68	28.89	29.48	29.49	30.09	30.79
12H	4H	22.55	23.34	23.14	23.93	24.56	24.68	25.47	25.26	26.06	26.69
	6H	23.61	24.27	24.21	24.89	25.53	26.65	27.32	27.26	27.93	28.57
	8H	24.12	24.72	24.73	25.32	26.03	27.85	28.44	28.45	29.05	29.75