

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: P894556

Luminaire Tested: 8TMB-12SL-RNDU-UNV-L950

Issue Date: 11/11/2024

**Test Information**

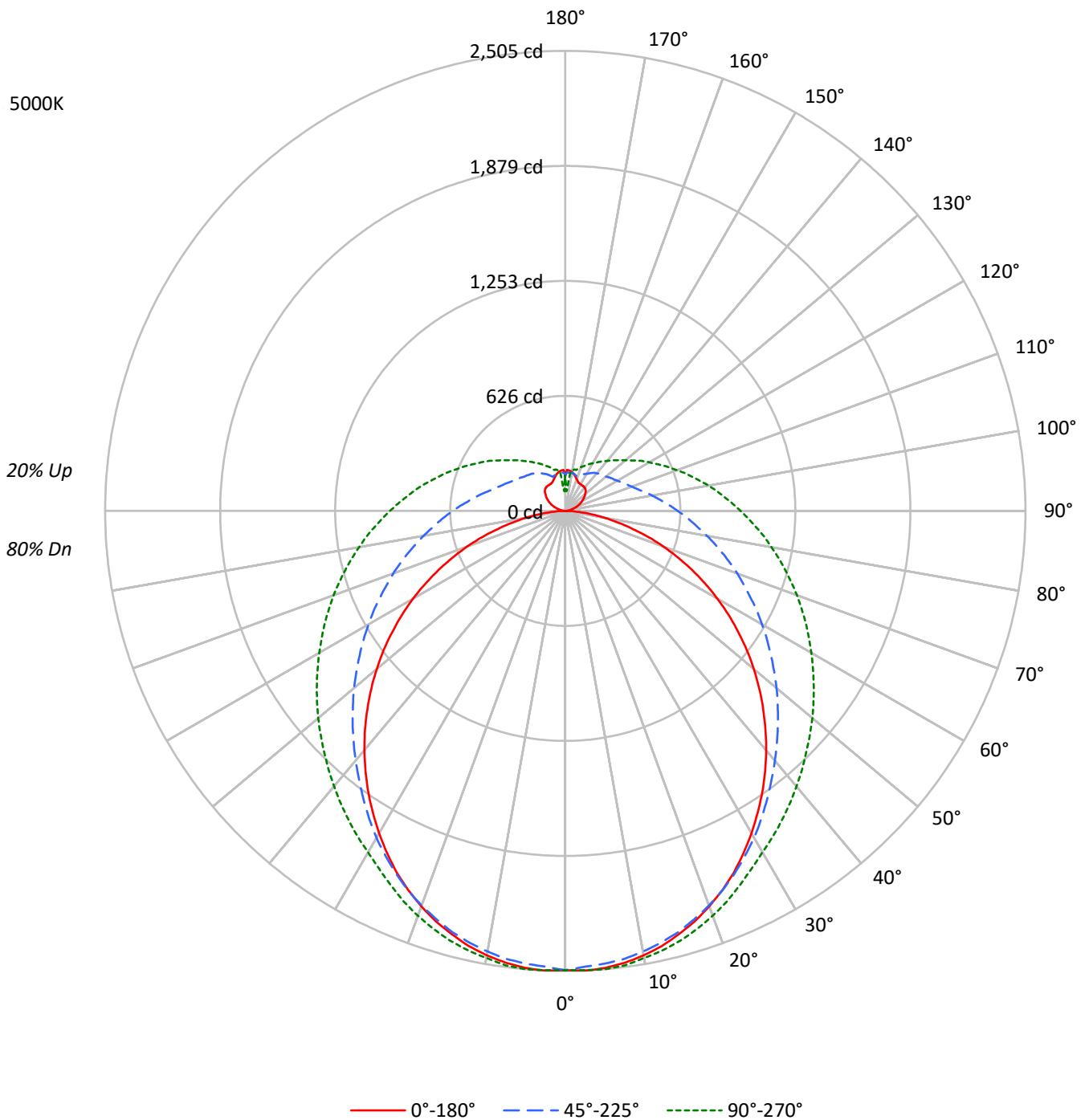
Test Method: LM-79-2019  
Report Number: P894556  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-12SL-RNDU-UNV-L950  
Description: 12000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10518.0 lumens  
Efficiency: N/A  
Efficacy: 118.4 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

TEST NUMBER: P894556  
CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L950

### 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
RCR																				
0	114	114	114	114	109	109	109	109	100	100	100	91	91	91	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	61
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	53	49
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	44	41
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	37	34
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	32	29
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	28	26
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	22	20
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20	20	20	18
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	18	16

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	8873	8873	8873
5°	8878	8511	8515
10°	8815	8192	8122
15°	8705	7867	7758
20°	8570	7522	7385
25°	8402	7175	7011
30°	8182	6823	6680
35°	7955	6460	6435
40°	7711	6133	6213
45°	7447	5843	6016
50°	7171	5586	5864
55°	6853	5348	5731
60°	6494	5155	5631
65°	6053	4987	5575
70°	5505	4889	5556
75°	4756	4825	5581
80°	3853	4844	5669
85°	2687	4998	5855

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7447 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	236.6	2.2
10°-20°	674.6	6.4
20°-30°	1012.9	9.6
30°-40°	1218.0	11.6
40°-50°	1290.5	12.3
50°-60°	1242.7	11.8
60°-70°	1099.8	10.5
70°-80°	902.1	8.6
80°-90°	700.0	6.7
90°-100°	543.3	5.2
100°-110°	430.5	4.1
110°-120°	342.9	3.3
120°-130°	272.4	2.6
130°-140°	212.7	2.0
140°-150°	156.6	1.5
150°-160°	103.5	1.0
160°-170°	59.6	0.6
170°-180°	19.2	0.2
0°-30°	1924.1	18.3
0°-40°	3142.1	29.9
0°-60°	5675.3	54.0
0°-90°	8377.3	79.6
90°-120°	1316.8	12.5
90°-150°	1958.5	18.6
90°-180°	2141.0	20.4
0°-180°	10518.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2501	2501	2501	2501	2501	
5°	2498	2501	2474	2494	2505	237
15°	2386	2389	2375	2410	2422	673
25°	2172	2180	2180	2234	2248	999
35°	1870	1894	1915	2015	2056	1169
45°	1523	1558	1637	1792	1856	1175
55°	1149	1206	1366	1568	1651	1028
65°	761	866	1111	1344	1444	754
75°	381	571	885	1135	1240	407
85°	86	345	692	945	1044	98
90°	2	271	612	857	954	7
95°	12	224	540	773	868	13
105°	43	181	426	633	716	46
115°	86	174	354	516	585	84
125°	124	181	309	426	478	110
135°	157	193	278	357	390	120
145°	167	190	252	307	326	104
155°	169	198	216	262	276	79
165°	200	212	205	205	231	56
175°	221	219	209	174	117	21
180°	193	193	193	193	193	



TEST NUMBER: P894556  
 CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L950

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2505.4	2503.1	2507.8	2512.6	2526.8	2507.8	2517.3	2491.2	2493.5	2495.9	2484.0
5°	2498.3	2491.2	2498.3	2503.1	2514.9	2500.7	2510.2	2481.6	2484.0	2488.8	2474.5
7.5°	2481.6	2474.5	2479.3	2484.0	2495.9	2481.6	2493.5	2465.0	2469.7	2472.1	2460.2
10°	2457.8	2448.3	2453.1	2460.2	2469.7	2457.8	2467.4	2441.2	2443.6	2448.3	2436.4
12.5°	2426.9	2417.4	2422.2	2426.9	2438.8	2426.9	2436.4	2410.3	2415.0	2419.8	2407.9
15°	2386.5	2376.9	2381.7	2386.5	2396.0	2388.8	2398.4	2372.2	2376.9	2386.5	2374.6
17.5°	2343.6	2329.4	2334.1	2341.3	2350.8	2346.0	2353.2	2331.7	2334.1	2343.6	2331.7
20°	2291.3	2277.0	2281.8	2288.9	2298.4	2296.0	2300.8	2281.8	2286.5	2298.4	2286.5
22.5°	2234.2	2219.9	2224.7	2234.2	2241.3	2241.3	2243.7	2229.4	2234.2	2246.1	2236.6
25°	2172.3	2158.0	2162.8	2172.3	2179.5	2179.5	2184.2	2169.9	2177.1	2189.0	2179.5
27.5°	2100.9	2093.8	2093.8	2103.3	2108.1	2112.8	2115.2	2103.3	2112.8	2124.7	2117.6
30°	2027.2	2017.7	2022.4	2034.3	2034.3	2043.8	2043.8	2034.3	2046.2	2060.5	2055.7
32.5°	1948.7	1941.5	1943.9	1958.2	1958.2	1970.1	1967.7	1962.9	1974.8	1991.5	1986.7
35°	1870.1	1863.0	1865.4	1879.7	1879.7	1893.9	1889.2	1889.2	1901.1	1920.1	1915.4
37.5°	1786.9	1782.1	1784.5	1798.8	1798.8	1813.0	1808.3	1810.7	1824.9	1846.4	1844.0
40°	1701.2	1696.5	1701.2	1713.1	1717.9	1729.8	1725.0	1729.8	1748.8	1767.8	1775.0
42.5°	1613.2	1610.8	1615.6	1627.5	1632.2	1644.1	1641.7	1648.9	1667.9	1696.5	1706.0
45°	1522.8	1522.8	1527.5	1539.4	1544.2	1558.5	1556.1	1565.6	1589.4	1620.3	1637.0
47.5°	1432.4	1434.7	1437.1	1451.4	1451.4	1475.2	1468.0	1482.3	1513.3	1548.9	1568.0
50°	1339.6	1344.3	1346.7	1358.6	1363.4	1384.8	1380.0	1403.8	1437.1	1475.2	1501.4
52.5°	1246.8	1251.5	1256.3	1265.8	1270.6	1296.7	1292.0	1322.9	1363.4	1403.8	1432.4
55°	1149.2	1158.7	1161.1	1173.0	1180.1	1206.3	1206.3	1242.0	1284.8	1330.0	1365.7
57.5°	1054.0	1063.6	1065.9	1080.2	1089.7	1120.7	1125.4	1165.9	1213.5	1258.7	1301.5
60°	956.5	968.4	970.8	985.0	1001.7	1035.0	1042.1	1087.4	1139.7	1187.3	1237.2
62.5°	858.9	870.8	875.6	889.9	916.0	949.4	961.2	1013.6	1068.3	1120.7	1175.4
65°	761.4	773.3	780.4	799.5	830.4	866.1	882.7	937.5	999.3	1054.0	1111.1
67.5°	663.8	678.1	687.6	711.4	751.9	789.9	806.6	868.5	932.7	992.2	1051.7
70°	568.7	582.9	594.8	625.8	673.3	711.4	732.8	799.5	866.1	930.3	996.9
72.5°	475.9	490.1	506.8	544.9	597.2	640.0	663.8	732.8	806.6	870.8	939.8
75°	380.7	397.3	416.4	468.7	528.2	571.0	597.2	671.0	747.1	811.4	885.1
77.5°	295.0	311.7	340.2	392.6	459.2	506.8	535.3	613.9	692.4	756.6	832.8
80°	216.5	233.2	271.2	328.3	397.3	442.6	478.2	559.1	640.0	706.7	782.8
82.5°	147.5	164.2	209.4	271.2	345.0	390.2	423.5	509.2	590.1	659.1	735.2
85°	85.7	109.4	157.0	223.7	299.8	345.0	378.3	466.3	544.9	613.9	692.4
87.5°	38.1	66.6	119.0	185.6	261.7	304.6	340.2	421.1	504.4	573.4	651.9
90°	2.4	38.1	92.8	157.0	230.8	271.2	304.6	385.5	464.0	535.3	611.5
92.5°	4.8	26.2	76.1	135.6	204.6	245.1	278.4	354.5	428.3	502.0	575.8
95°	11.9	26.2	66.6	121.3	185.6	223.7	254.6	328.3	397.3	468.7	540.1
97.5°	19.0	28.6	64.2	114.2	171.3	207.0	235.6	304.6	373.6	437.8	509.2
100°	26.2	35.7	64.2	109.4	161.8	195.1	221.3	285.5	349.8	409.2	480.6
102.5°	33.3	42.8	69.0	109.4	157.0	185.6	211.8	271.2	330.7	385.5	452.1
105°	42.8	50.0	73.8	109.4	152.3	180.8	202.2	257.0	314.1	366.4	425.9
107.5°	52.3	57.1	78.5	111.8	152.3	176.1	197.5	247.4	299.8	347.4	404.5
110°	64.2	66.6	85.7	116.6	152.3	173.7	192.7	240.3	287.9	333.1	385.5



TEST NUMBER: P894556  
 CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L950

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	73.8	73.8	92.8	121.3	152.3	173.7	190.3	233.2	278.4	318.8	368.8
115°	85.7	85.7	99.9	126.1	154.7	173.7	190.3	230.8	271.2	306.9	354.5
117.5°	95.2	95.2	109.4	130.9	159.4	176.1	190.3	226.0	264.1	297.4	340.2
120°	104.7	104.7	114.2	135.6	161.8	178.4	190.3	223.7	257.0	290.3	328.3
122.5°	114.2	114.2	121.3	142.8	164.2	178.4	190.3	221.3	252.2	280.8	316.5
125°	123.7	123.7	128.5	147.5	168.9	180.8	192.7	221.3	249.8	273.6	309.3
127.5°	133.2	130.9	138.0	154.7	171.3	183.2	195.1	221.3	245.1	268.9	299.8
130°	140.4	138.0	147.5	159.4	176.1	185.6	195.1	218.9	242.7	264.1	290.3
132.5°	149.9	145.1	157.0	161.8	180.8	190.3	197.5	218.9	240.3	259.3	285.5
135°	157.0	152.3	164.2	168.9	183.2	192.7	199.9	218.9	237.9	257.0	278.4
137.5°	161.8	159.4	171.3	176.1	185.6	195.1	202.2	218.9	235.6	252.2	273.6
140°	164.2	161.8	171.3	180.8	185.6	195.1	199.9	216.5	233.2	247.4	266.5
142.5°	166.6	166.6	173.7	183.2	185.6	192.7	199.9	214.1	228.4	240.3	261.7
145°	166.6	166.6	173.7	185.6	188.0	190.3	195.1	209.4	221.3	233.2	252.2
147.5°	166.6	166.6	176.1	185.6	190.3	192.7	190.3	204.6	216.5	226.0	242.7
150°	166.6	166.6	176.1	185.6	192.7	195.1	192.7	199.9	209.4	218.9	233.2
152.5°	168.9	168.9	176.1	185.6	192.7	195.1	195.1	195.1	202.2	211.8	226.0
155°	168.9	171.3	176.1	190.3	195.1	197.5	197.5	197.5	195.1	204.6	216.5
157.5°	176.1	178.4	180.8	192.7	197.5	199.9	199.9	199.9	197.5	195.1	207.0
160°	183.2	185.6	188.0	197.5	202.2	204.6	204.6	204.6	199.9	197.5	197.5
162.5°	190.3	195.1	195.1	199.9	204.6	207.0	207.0	209.4	204.6	202.2	199.9
165°	199.9	202.2	202.2	204.6	209.4	211.8	209.4	211.8	209.4	207.0	204.6
167.5°	207.0	209.4	209.4	211.8	211.8	214.1	214.1	214.1	211.8	209.4	209.4
170°	214.1	216.5	216.5	216.5	216.5	216.5	216.5	216.5	214.1	209.4	209.4
172.5°	218.9	221.3	221.3	218.9	218.9	218.9	218.9	216.5	211.8	209.4	209.4
175°	221.3	223.7	223.7	221.3	218.9	218.9	218.9	216.5	211.8	209.4	209.4
177.5°	223.7	226.0	223.7	223.7	218.9	218.9	218.9	218.9	214.1	211.8	209.4
180°	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2498.3	2469.7	2488.8	2491.2	2500.7	2491.2	2498.3	2491.2	2510.2	2503.1
5°	2488.8	2462.6	2479.3	2481.6	2493.5	2481.6	2493.5	2488.8	2512.6	2505.4
7.5°	2472.1	2450.7	2465.0	2467.4	2481.6	2469.7	2481.6	2476.9	2505.4	2495.9
10°	2448.3	2431.7	2445.9	2448.3	2462.6	2450.7	2460.2	2455.5	2486.4	2472.1
12.5°	2422.2	2407.9	2419.8	2422.2	2438.8	2426.9	2438.8	2434.1	2465.0	2450.7
15°	2384.1	2376.9	2388.8	2393.6	2410.3	2400.7	2412.6	2407.9	2441.2	2422.2
17.5°	2346.0	2341.3	2353.2	2357.9	2376.9	2365.0	2376.9	2372.2	2405.5	2386.5
20°	2298.4	2296.0	2307.9	2315.1	2331.7	2319.8	2334.1	2329.4	2365.0	2346.0
22.5°	2248.5	2248.5	2258.0	2265.1	2281.8	2272.3	2286.5	2284.2	2319.8	2300.8
25°	2193.7	2196.1	2205.6	2215.2	2234.2	2227.0	2238.9	2238.9	2272.3	2248.5
27.5°	2131.9	2143.8	2150.9	2162.8	2179.5	2172.3	2184.2	2186.6	2219.9	2196.1
30°	2067.6	2084.3	2091.4	2105.7	2120.0	2120.0	2131.9	2136.6	2169.9	2146.2
32.5°	2001.0	2020.0	2029.6	2048.6	2067.6	2067.6	2084.3	2091.4	2124.7	2103.3
35°	1934.4	1960.6	1972.5	1996.3	2015.3	2017.7	2034.3	2043.8	2077.2	2055.7
37.5°	1870.1	1903.5	1915.4	1943.9	1960.6	1965.3	1984.4	1996.3	2027.2	2008.2
40°	1803.5	1844.0	1858.3	1889.2	1903.5	1913.0	1932.0	1946.3	1974.8	1958.2
42.5°	1739.3	1784.5	1798.8	1832.1	1848.7	1858.3	1877.3	1896.3	1924.9	1908.2
45°	1675.0	1725.0	1741.7	1777.4	1791.6	1805.9	1827.3	1844.0	1870.1	1855.9
47.5°	1613.2	1665.5	1682.2	1720.3	1736.9	1753.6	1772.6	1796.4	1820.2	1805.9
50°	1548.9	1603.7	1625.1	1665.5	1679.8	1698.8	1722.6	1744.0	1767.8	1755.9
52.5°	1487.1	1544.2	1565.6	1608.4	1625.1	1644.1	1667.9	1691.7	1713.1	1703.6
55°	1420.5	1482.3	1506.1	1551.3	1568.0	1587.0	1613.2	1639.4	1658.4	1651.3
57.5°	1358.6	1422.8	1446.6	1496.6	1510.9	1534.7	1560.8	1589.4	1606.0	1598.9
60°	1296.7	1361.0	1389.5	1439.5	1456.1	1479.9	1506.1	1537.0	1551.3	1546.6
62.5°	1234.9	1301.5	1332.4	1384.8	1399.0	1425.2	1456.1	1482.3	1496.6	1494.2
65°	1177.8	1242.0	1277.7	1330.0	1344.3	1372.9	1401.4	1430.0	1444.3	1444.3
67.5°	1118.3	1187.3	1223.0	1277.7	1289.6	1320.5	1351.5	1380.0	1391.9	1391.9
70°	1063.6	1130.2	1170.6	1225.4	1237.2	1265.8	1299.1	1330.0	1339.6	1341.9
72.5°	1008.8	1075.5	1118.3	1175.4	1187.3	1215.8	1246.8	1280.1	1287.2	1289.6
75°	956.5	1023.1	1065.9	1123.0	1134.9	1163.5	1196.8	1227.7	1237.2	1239.6
77.5°	904.1	970.8	1018.4	1073.1	1085.0	1113.5	1146.8	1177.8	1184.9	1189.7
80°	856.6	920.8	966.0	1025.5	1037.4	1065.9	1096.9	1127.8	1132.6	1139.7
82.5°	809.0	873.2	920.8	977.9	989.8	1018.4	1049.3	1080.2	1085.0	1094.5
85°	763.8	828.0	875.6	930.3	944.6	970.8	1004.1	1032.6	1037.4	1044.5
87.5°	723.3	782.8	832.8	885.1	899.4	925.6	958.9	987.4	989.8	999.3
90°	680.5	740.0	789.9	842.3	856.6	880.4	913.7	942.2	947.0	954.1
92.5°	644.8	699.5	751.9	801.8	813.7	839.9	870.8	899.4	904.1	911.3
95°	606.7	661.5	713.8	761.4	773.3	799.5	828.0	856.6	861.3	868.5
97.5°	573.4	625.8	675.7	723.3	735.2	759.0	789.9	816.1	820.9	830.4
100°	542.5	592.5	644.8	687.6	699.5	723.3	751.9	778.0	782.8	792.3
102.5°	513.9	561.5	611.5	651.9	666.2	687.6	716.2	740.0	744.7	751.9
105°	487.8	533.0	580.6	618.6	632.9	654.3	680.5	704.3	709.0	716.2
107.5°	461.6	504.4	549.6	587.7	599.6	618.6	644.8	668.6	673.3	682.9
110°	437.8	480.6	523.5	559.1	573.4	587.7	613.9	635.3	640.0	647.2





TEST NUMBER: P894556  
 CATALOG NUMBER: 8TMB-12SL-RNDU-UNV-L950

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	416.4	454.5	497.3	530.6	542.5	559.1	580.6	602.0	606.7	616.2
115°	397.3	433.0	475.9	506.8	516.3	530.6	554.4	573.4	578.2	585.3
117.5°	380.7	411.6	449.7	480.6	492.5	504.4	525.8	542.5	549.6	554.4
120°	366.4	395.0	428.3	456.8	471.1	480.6	499.7	516.3	523.5	528.2
122.5°	352.1	378.3	409.2	435.4	447.3	454.5	475.9	490.1	497.3	504.4
125°	340.2	364.0	392.6	414.0	425.9	433.0	452.1	466.3	473.5	478.2
127.5°	328.3	349.8	378.3	395.0	406.9	411.6	428.3	442.6	449.7	452.1
130°	316.5	337.9	361.7	378.3	387.8	395.0	409.2	418.8	425.9	428.3
132.5°	306.9	326.0	347.4	364.0	373.6	375.9	390.2	399.7	406.9	409.2
135°	299.8	314.1	335.5	349.8	356.9	361.7	373.6	380.7	387.8	390.2
137.5°	290.3	304.6	323.6	333.1	342.6	345.0	356.9	364.0	371.2	373.6
140°	283.1	295.0	311.7	321.2	330.7	330.7	340.2	347.4	354.5	354.5
142.5°	276.0	287.9	302.2	311.7	318.8	318.8	328.3	333.1	340.2	340.2
145°	266.5	278.4	292.7	299.8	306.9	306.9	314.1	318.8	326.0	326.0
147.5°	257.0	268.9	283.1	287.9	295.0	295.0	302.2	306.9	311.7	311.7
150°	245.1	254.6	271.2	278.4	285.5	285.5	290.3	295.0	299.8	299.8
152.5°	235.6	242.7	257.0	266.5	273.6	273.6	278.4	283.1	287.9	287.9
155°	223.7	230.8	242.7	254.6	261.7	264.1	268.9	271.2	276.0	276.0
157.5°	214.1	221.3	230.8	240.3	247.4	252.2	259.3	261.7	264.1	264.1
160°	202.2	207.0	216.5	226.0	233.2	237.9	249.8	252.2	254.6	254.6
162.5°	197.5	197.5	202.2	209.4	216.5	218.9	230.8	240.3	245.1	242.7
165°	199.9	197.5	197.5	199.9	204.6	207.0	214.1	228.4	233.2	230.8
167.5°	204.6	199.9	197.5	197.5	202.2	202.2	209.4	221.3	235.6	230.8
170°	204.6	197.5	192.7	192.7	195.1	195.1	199.9	207.0	221.3	223.7
172.5°	202.2	197.5	190.3	180.8	183.2	180.8	178.4	183.2	185.6	209.4
175°	204.6	197.5	190.3	178.4	173.7	166.6	154.7	145.1	142.8	116.6
177.5°	202.2	195.1	185.6	176.1	171.3	161.8	147.5	130.9	121.3	107.1
180°	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7	192.7



TEST NUMBER: P894556  
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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	14.54	15.85	15.18	16.52	17.29	18.16	19.47	18.80	20.14	20.91
	3H	15.89	17.08	16.54	17.76	18.56	21.12	22.32	21.77	22.99	23.79
	4H	16.29	17.43	16.96	18.12	18.93	22.63	23.76	23.30	24.45	25.26
	6H	16.51	17.57	17.19	18.26	19.09	24.24	25.30	24.92	25.99	26.82
	8H	16.54	17.56	17.24	18.27	19.11	25.09	26.10	25.78	26.82	27.65
	12H	16.54	17.52	17.25	18.23	19.09	26.03	27.01	26.73	27.72	28.58
4H	2H	15.70	16.84	16.37	17.52	18.34	18.48	19.62	19.15	20.30	21.12
	3H	17.34	18.32	18.03	19.04	19.87	21.66	22.64	22.35	23.36	24.20
	4H	17.91	18.81	18.61	19.53	20.39	23.34	24.24	24.05	24.97	25.83
	6H	18.25	19.04	18.97	19.79	20.66	25.16	25.96	25.88	26.71	27.58
	8H	18.32	19.07	19.05	19.82	20.70	26.14	26.89	26.86	27.63	28.52
	12H	18.35	19.03	19.09	19.80	20.69	27.22	27.91	27.97	28.68	29.57
8H	4H	19.01	19.76	19.74	20.51	21.39	23.51	24.26	24.24	25.01	25.89
	6H	19.62	20.26	20.38	21.05	21.93	25.51	26.15	26.26	26.94	27.82
	8H	19.82	20.40	20.58	21.18	22.08	26.63	27.21	27.39	27.99	28.89
	12H	19.93	20.45	20.70	21.23	22.18	27.90	28.42	28.67	29.20	30.16
12H	4H	19.38	20.06	20.13	20.83	21.72	23.51	24.19	24.25	24.96	25.85
	6H	20.16	20.74	20.92	21.52	22.42	25.54	26.12	26.30	26.90	27.80
	8H	20.48	21.00	21.25	21.78	22.74	26.72	27.24	27.49	28.02	28.97