

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: P895223

Luminaire Tested: 8TMB-8SL-FLTU-UNV-L840

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895223
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 8TMB-8SL-FLTU-UNV-L840
Description: 8000 Lumen 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 400
Light Source: -
Ballast/Driver: -

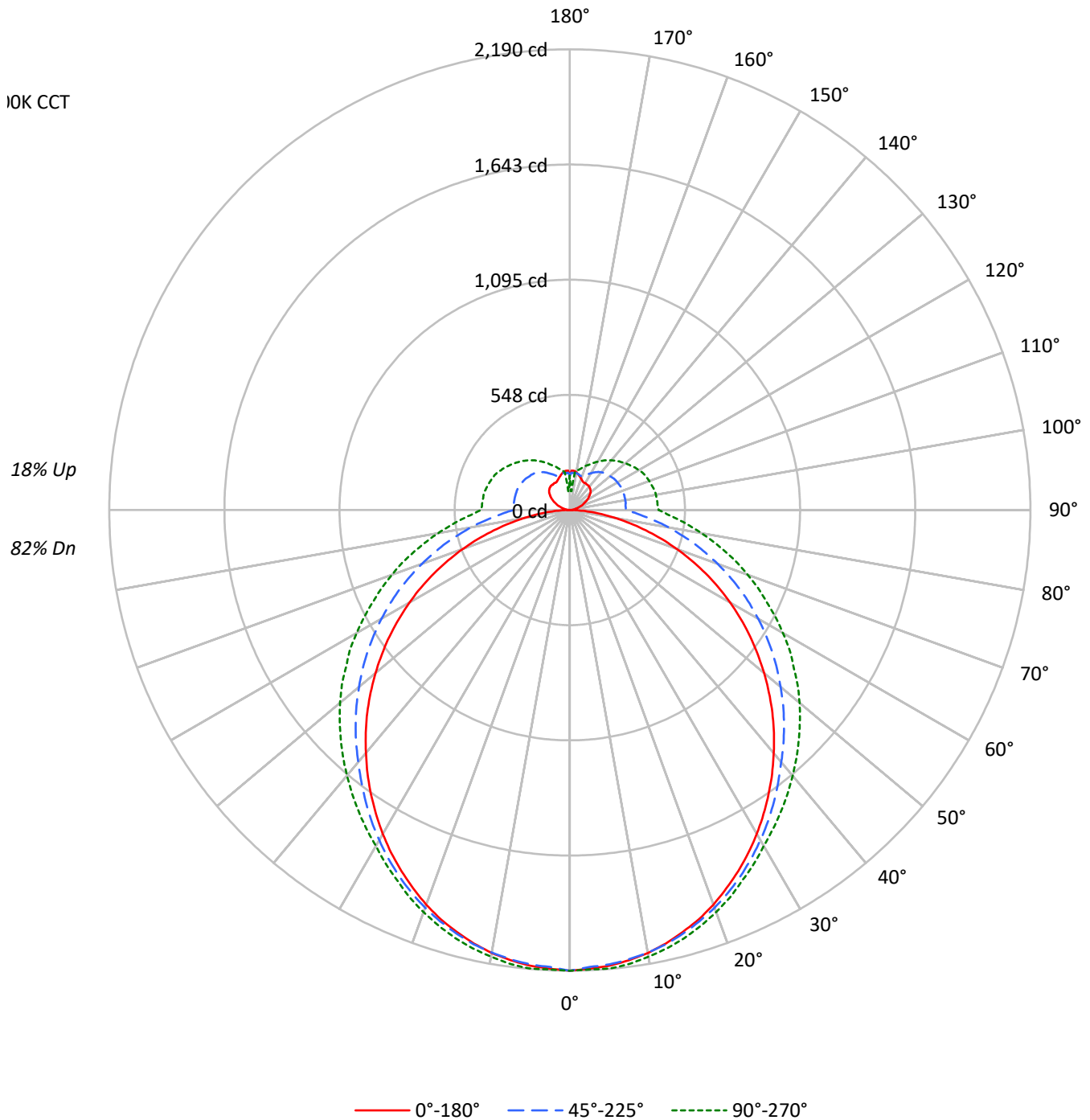
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8279.9 lumens
Efficiency: N/A
Efficacy: 138.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.26 / 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): 59.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 3.8
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P895223
CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

Luminous Intensity Polar Plot





TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	86	86	82
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	69	69	66
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	57	57	54
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	48	48	45
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	41	41	38
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	35	35	32
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	31	31	28
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	27	27	25
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	24	24	22
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	22	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	20	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7771	7771	7771
5°	7726	7458	7437
10°	7668	7182	7084
15°	7574	6905	6746
20°	7466	6620	6404
25°	7326	6321	6056
30°	7177	6015	5740
35°	7011	5708	5479
40°	6835	5404	5230
45°	6661	5140	4992
50°	6457	4866	4762
55°	6239	4598	4505
60°	5975	4309	4260
65°	5662	4004	3984
70°	5246	3669	3727
75°	4672	3326	3449
80°	3915	2958	3164
85°	2947	2584	2903

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6661 cd/sqm



TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.1	2.5
10°-20°	590.8	7.1
20°-30°	887.5	10.7
30°-40°	1065.7	12.9
40°-50°	1120.6	13.5
50°-60°	1052.9	12.7
60°-70°	875.5	10.6
70°-80°	624.7	7.5
80°-90°	371.8	4.5
90°-100°	269.2	3.3
100°-110°	265.6	3.2
110°-120°	249.5	3.0
120°-130°	221.0	2.7
130°-140°	183.2	2.2
140°-150°	137.1	1.7
150°-160°	90.2	1.1
160°-170°	51.1	0.6
170°-180°	16.3	0.2
0°-30°	1685.4	20.4
0°-40°	2751.1	33.2
0°-60°	4924.5	59.5
0°-90°	6796.6	82.1
90°-120°	784.2	9.5
90°-150°	1325.6	16.0
90°-180°	1483.0	17.9
0°-180°	8279.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2190	2190	2190	2190	2190	
5°	2174	2200	2168	2174	2188	206
15°	2076	2108	2084	2098	2106	586
25°	1894	1930	1920	1938	1942	873
35°	1648	1686	1692	1734	1750	1031
45°	1362	1400	1440	1514	1540	1050
55°	1046	1088	1174	1270	1298	935
65°	712	770	892	1004	1032	704
75°	374	458	610	728	766	397
85°	94	206	358	478	518	103
90°	0	118	266	382	422	7
95°	10	124	266	378	418	11
105°	38	138	268	374	410	41
115°	74	150	266	358	394	74
125°	112	160	258	336	362	100
135°	138	168	244	306	328	106
145°	146	164	220	272	288	92
155°	148	166	186	230	244	69
165°	170	180	174	176	204	48
175°	188	186	176	150	90	18
180°	164	164	164	164	164	



TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2
2.5°	2182.2	2188.2	2190.2	2210.2	2202.2	2210.2	2196.2	2180.2	2176.2	2186.2	2174.2
5°	2174.2	2180.2	2182.2	2202.2	2194.2	2200.2	2188.2	2172.2	2168.2	2180.2	2168.2
7.5°	2158.2	2164.2	2166.2	2188.2	2178.2	2186.2	2172.2	2156.2	2154.2	2166.2	2154.2
10°	2138.2	2144.2	2146.2	2166.2	2158.2	2166.2	2152.2	2136.2	2134.2	2148.2	2136.2
12.5°	2110.2	2116.2	2120.2	2140.2	2130.2	2140.2	2124.2	2108.2	2110.2	2122.2	2114.2
15°	2076.2	2084.2	2086.2	2106.2	2098.2	2108.2	2092.2	2076.2	2080.2	2092.2	2084.2
17.5°	2040.2	2048.2	2050.2	2068.2	2060.2	2072.2	2054.2	2040.2	2044.2	2056.2	2050.2
20°	1996.2	2004.2	2008.2	2026.2	2018.2	2030.2	2012.2	2000.2	2004.2	2018.2	2012.2
22.5°	1946.2	1958.2	1960.2	1980.2	1970.2	1982.2	1964.2	1954.2	1960.2	1974.2	1968.2
25°	1894.2	1906.2	1908.2	1928.2	1920.2	1930.2	1912.2	1902.2	1910.2	1924.2	1920.2
27.5°	1838.2	1850.2	1854.2	1872.2	1864.2	1876.2	1856.2	1850.2	1858.2	1872.2	1868.2
30°	1778.2	1790.2	1792.2	1810.2	1804.2	1816.2	1798.2	1790.2	1802.2	1816.2	1812.2
32.5°	1714.2	1726.2	1732.2	1748.2	1742.2	1752.2	1736.2	1732.2	1742.2	1756.2	1754.2
35°	1648.2	1660.2	1666.2	1684.2	1676.2	1686.2	1670.2	1666.2	1682.2	1692.2	1692.2
37.5°	1580.1	1592.1	1598.1	1616.1	1606.1	1618.1	1602.1	1600.1	1618.1	1628.1	1628.1
40°	1508.1	1522.1	1528.1	1544.1	1536.1	1546.1	1532.1	1534.1	1550.1	1562.1	1564.1
42.5°	1436.1	1450.1	1456.1	1474.1	1464.1	1474.1	1462.1	1464.1	1482.1	1494.1	1504.1
45°	1362.1	1374.1	1380.1	1400.1	1388.1	1400.1	1388.1	1392.1	1410.1	1428.1	1440.1
47.5°	1284.1	1296.1	1306.1	1322.1	1312.1	1322.1	1314.1	1320.1	1342.1	1360.1	1376.1
50°	1206.1	1218.1	1228.1	1242.1	1232.1	1246.1	1236.1	1244.1	1272.1	1290.1	1308.1
52.5°	1126.1	1136.1	1152.1	1160.1	1152.1	1168.1	1160.1	1172.1	1200.1	1222.1	1242.1
55°	1046.1	1056.1	1072.1	1078.1	1070.1	1088.1	1082.1	1098.1	1128.1	1152.1	1174.1
57.5°	964.1	974.1	988.1	994.1	988.1	1008.1	1006.1	1024.1	1054.1	1080.1	1104.1
60°	880.1	890.1	902.1	908.1	908.1	928.1	928.1	950.1	982.1	1006.1	1034.1
62.5°	798.1	804.1	816.1	824.1	830.1	850.1	850.1	874.1	908.1	936.1	964.1
65°	712.1	718.1	728.1	738.1	748.1	770.1	772.1	798.1	832.1	860.1	892.1
67.5°	626.1	632.1	642.1	654.1	668.1	690.1	694.1	722.1	758.1	790.1	820.1
70°	542.0	544.0	556.1	572.1	588.1	610.1	616.1	646.1	684.1	716.1	748.1
72.5°	458.0	460.0	472.0	492.0	510.0	534.0	542.0	574.1	612.1	644.1	676.1
75°	374.0	376.0	392.0	416.0	436.0	458.0	468.0	502.0	540.0	574.1	610.1
77.5°	294.0	298.0	314.0	338.0	362.0	388.0	398.0	432.0	474.0	506.0	540.0
80°	220.0	224.0	242.0	268.0	294.0	318.0	330.0	364.0	408.0	440.0	478.0
82.5°	152.0	158.0	180.0	208.0	234.0	260.0	272.0	304.0	344.0	380.0	416.0
85°	94.0	102.0	124.0	154.0	182.0	206.0	218.0	252.0	290.0	324.0	358.0
87.5°	44.0	56.0	78.0	108.0	138.0	158.0	172.0	206.0	242.0	276.0	310.0
90°	0.0	18.0	40.0	70.0	100.0	118.0	134.0	166.0	202.0	234.0	266.0
92.5°	4.0	20.0	44.0	72.0	102.0	120.0	136.0	168.0	202.0	234.0	266.0
95°	10.0	22.0	46.0	76.0	106.0	124.0	138.0	170.0	204.0	236.0	266.0
97.5°	18.0	28.0	52.0	80.0	110.0	126.0	142.0	174.0	206.0	238.0	268.0
100°	24.0	32.0	56.0	84.0	114.0	130.0	146.0	176.0	208.0	240.0	268.0
102.5°	30.0	40.0	62.0	88.0	118.0	134.0	148.0	178.0	210.0	240.0	268.0
105°	38.0	46.0	66.0	94.0	122.0	138.0	152.0	182.0	212.0	242.0	268.0
107.5°	46.0	52.0	72.0	98.0	126.0	140.0	154.0	184.0	214.0	242.0	268.0
110°	56.0	60.0	78.0	102.0	128.0	144.0	158.0	186.0	214.0	242.0	268.0



TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	66.0	66.0	84.0	106.0	132.0	146.0	160.0	188.0	216.0	242.0	268.0
115°	74.0	76.0	90.0	110.0	136.0	150.0	162.0	188.0	216.0	242.0	266.0
117.5°	84.0	84.0	98.0	114.0	138.0	152.0	166.0	190.0	216.0	240.0	264.0
120°	94.0	92.0	104.0	120.0	142.0	154.0	168.0	192.0	216.0	240.0	262.0
122.5°	104.0	100.0	108.0	124.0	144.0	158.0	168.0	192.0	216.0	238.0	260.0
125°	112.0	108.0	114.0	130.0	148.0	160.0	170.0	192.0	216.0	236.0	258.0
127.5°	120.0	116.0	122.0	134.0	150.0	160.0	172.0	192.0	216.0	234.0	254.0
130°	128.0	122.0	130.0	138.0	154.0	162.0	172.0	192.0	214.0	232.0	250.0
132.5°	134.0	128.0	136.0	142.0	156.0	164.0	174.0	192.0	212.0	230.0	248.0
135°	138.0	132.0	142.0	146.0	160.0	168.0	176.0	192.0	210.0	228.0	244.0
137.5°	142.0	134.0	146.0	150.0	162.0	170.0	176.0	190.0	208.0	224.0	240.0
140°	144.0	138.0	150.0	154.0	160.0	168.0	176.0	188.0	204.0	220.0	234.0
142.5°	146.0	138.0	152.0	156.0	160.0	166.0	174.0	184.0	200.0	214.0	228.0
145°	146.0	140.0	152.0	156.0	160.0	164.0	170.0	182.0	194.0	206.0	220.0
147.5°	146.0	142.0	154.0	158.0	162.0	162.0	166.0	178.0	188.0	200.0	212.0
150°	148.0	142.0	154.0	158.0	164.0	164.0	166.0	172.0	184.0	192.0	202.0
152.5°	146.0	144.0	152.0	160.0	164.0	166.0	166.0	168.0	178.0	186.0	194.0
155°	148.0	148.0	154.0	164.0	166.0	166.0	168.0	166.0	170.0	178.0	186.0
157.5°	152.0	156.0	156.0	166.0	170.0	170.0	172.0	170.0	168.0	170.0	178.0
160°	158.0	162.0	162.0	168.0	174.0	174.0	176.0	174.0	172.0	170.0	170.0
162.5°	164.0	168.0	168.0	170.0	176.0	178.0	180.0	178.0	176.0	172.0	170.0
165°	170.0	174.0	174.0	174.0	178.0	180.0	182.0	180.0	180.0	176.0	174.0
167.5°	176.0	180.0	180.0	178.0	180.0	182.0	184.0	182.0	182.0	180.0	176.0
170°	182.0	186.0	186.0	182.0	184.0	184.0	186.0	184.0	184.0	180.0	178.0
172.5°	186.0	190.0	188.0	186.0	186.0	186.0	186.0	184.0	182.0	178.0	178.0
175°	188.0	192.0	192.0	188.0	186.0	186.0	188.0	184.0	182.0	180.0	176.0
177.5°	188.0	192.0	192.0	188.0	188.0	186.0	188.0	186.0	186.0	182.0	178.0
180°	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0



TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2	2190.2
2.5°	2182.2	2180.2	2168.2	2182.2	2182.2	2178.2	2194.2	2192.2	2190.2	2186.2
5°	2174.2	2172.2	2160.2	2174.2	2174.2	2172.2	2188.2	2190.2	2192.2	2188.2
7.5°	2162.2	2160.2	2148.2	2162.2	2162.2	2160.2	2178.2	2180.2	2182.2	2176.2
10°	2144.2	2142.2	2130.2	2144.2	2146.2	2144.2	2158.2	2160.2	2164.2	2156.2
12.5°	2120.2	2120.2	2108.2	2122.2	2124.2	2122.2	2136.2	2140.2	2144.2	2134.2
15°	2090.2	2092.2	2082.2	2096.2	2098.2	2098.2	2112.2	2114.2	2120.2	2106.2
17.5°	2054.2	2058.2	2050.2	2064.2	2066.2	2068.2	2076.2	2082.2	2088.2	2072.2
20°	2016.2	2018.2	2012.2	2024.2	2028.2	2026.2	2036.2	2044.2	2050.2	2034.2
22.5°	1970.2	1972.2	1966.2	1978.2	1982.2	1984.2	1992.2	2002.2	2006.2	1992.2
25°	1918.2	1926.2	1922.2	1934.2	1938.2	1938.2	1946.2	1956.2	1962.2	1942.2
27.5°	1868.2	1878.2	1874.2	1886.2	1890.2	1892.2	1896.2	1908.2	1914.2	1896.2
30°	1812.2	1824.2	1822.2	1834.2	1838.2	1836.2	1844.2	1856.2	1864.2	1844.2
32.5°	1750.2	1766.2	1764.2	1780.2	1784.2	1786.2	1792.2	1808.2	1816.2	1798.2
35°	1690.2	1708.2	1710.2	1728.2	1734.2	1736.2	1744.2	1760.2	1768.2	1750.2
37.5°	1628.1	1652.2	1658.2	1676.2	1682.2	1684.2	1692.2	1710.2	1718.2	1700.2
40°	1568.1	1596.1	1604.1	1620.1	1626.1	1632.1	1638.1	1656.2	1666.2	1648.2
42.5°	1508.1	1538.1	1548.1	1564.1	1570.1	1576.1	1584.1	1604.1	1612.1	1596.1
45°	1446.1	1478.1	1490.1	1506.1	1514.1	1520.1	1528.1	1546.1	1556.1	1540.1
47.5°	1384.1	1416.1	1428.1	1446.1	1454.1	1462.1	1468.1	1490.1	1500.1	1484.1
50°	1318.1	1354.1	1368.1	1384.1	1396.1	1402.1	1410.1	1430.1	1440.1	1426.1
52.5°	1252.1	1290.1	1306.1	1322.1	1334.1	1344.1	1348.1	1370.1	1380.1	1366.1
55°	1184.1	1222.1	1240.1	1258.1	1270.1	1282.1	1286.1	1308.1	1318.1	1298.1
57.5°	1116.1	1156.1	1174.1	1194.1	1204.1	1218.1	1224.1	1244.1	1254.1	1240.1
60°	1048.1	1086.1	1108.1	1126.1	1140.1	1152.1	1156.1	1178.1	1188.1	1170.1
62.5°	978.1	1018.1	1040.1	1060.1	1072.1	1086.1	1092.1	1112.1	1120.1	1102.1
65°	906.1	946.1	970.1	988.1	1004.1	1016.1	1020.1	1042.1	1050.1	1032.1
67.5°	834.1	874.1	900.1	920.1	934.1	948.1	952.1	974.1	982.1	968.1
70°	764.1	804.1	830.1	854.1	864.1	878.1	884.1	904.1	912.1	900.1
72.5°	694.1	734.1	762.1	786.1	796.1	810.1	818.1	834.1	846.1	836.1
75°	626.1	666.1	694.1	718.1	728.1	742.1	750.1	766.1	774.1	766.1
77.5°	560.1	600.1	626.1	650.1	662.1	674.1	682.1	698.1	708.1	700.1
80°	496.0	536.0	562.1	584.1	596.1	608.1	616.1	634.1	642.1	636.1
82.5°	436.0	474.0	502.0	524.0	536.0	548.1	556.1	572.1	582.1	574.1
85°	382.0	420.0	446.0	468.0	478.0	490.0	498.0	514.0	522.0	518.0
87.5°	330.0	364.0	394.0	416.0	426.0	438.0	448.0	460.0	470.0	464.0
90°	290.0	320.0	348.0	370.0	382.0	394.0	406.0	418.0	426.0	422.0
92.5°	292.0	320.0	346.0	366.0	378.0	390.0	402.0	416.0	422.0	418.0
95°	292.0	320.0	346.0	366.0	378.0	390.0	402.0	416.0	422.0	418.0
97.5°	292.0	320.0	346.0	366.0	378.0	390.0	402.0	416.0	422.0	416.0
100°	292.0	320.0	346.0	366.0	378.0	388.0	400.0	414.0	420.0	416.0
102.5°	292.0	320.0	344.0	364.0	376.0	386.0	398.0	412.0	418.0	414.0
105°	292.0	318.0	344.0	362.0	374.0	384.0	396.0	408.0	414.0	410.0
107.5°	290.0	316.0	340.0	360.0	370.0	380.0	392.0	404.0	410.0	406.0
110°	290.0	314.0	338.0	356.0	366.0	376.0	388.0	400.0	406.0	402.0



TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	288.0	312.0	336.0	352.0	362.0	372.0	382.0	396.0	402.0	398.0
115°	286.0	310.0	332.0	348.0	358.0	366.0	378.0	392.0	396.0	394.0
117.5°	284.0	306.0	328.0	344.0	354.0	362.0	372.0	384.0	390.0	388.0
120°	282.0	302.0	324.0	338.0	348.0	356.0	364.0	376.0	382.0	378.0
122.5°	278.0	298.0	320.0	334.0	342.0	350.0	358.0	368.0	374.0	372.0
125°	274.0	294.0	314.0	328.0	336.0	342.0	350.0	360.0	364.0	362.0
127.5°	270.0	290.0	308.0	320.0	330.0	336.0	342.0	352.0	356.0	354.0
130°	266.0	284.0	302.0	314.0	322.0	328.0	334.0	344.0	346.0	346.0
132.5°	262.0	278.0	296.0	308.0	316.0	320.0	326.0	334.0	338.0	336.0
135°	258.0	272.0	290.0	300.0	306.0	312.0	318.0	326.0	328.0	328.0
137.5°	252.0	266.0	282.0	292.0	298.0	302.0	308.0	316.0	318.0	318.0
140°	246.0	260.0	274.0	282.0	290.0	294.0	298.0	306.0	308.0	308.0
142.5°	240.0	252.0	266.0	274.0	282.0	284.0	290.0	296.0	298.0	298.0
145°	232.0	246.0	258.0	266.0	272.0	274.0	280.0	286.0	286.0	288.0
147.5°	222.0	234.0	250.0	256.0	262.0	264.0	270.0	274.0	276.0	276.0
150°	212.0	224.0	238.0	248.0	254.0	256.0	258.0	264.0	264.0	266.0
152.5°	202.0	212.0	226.0	236.0	244.0	246.0	248.0	252.0	252.0	254.0
155°	192.0	200.0	212.0	222.0	230.0	234.0	238.0	242.0	242.0	244.0
157.5°	184.0	192.0	202.0	210.0	216.0	222.0	228.0	232.0	232.0	232.0
160°	174.0	180.0	190.0	196.0	204.0	208.0	218.0	222.0	222.0	224.0
162.5°	168.0	170.0	176.0	182.0	188.0	192.0	202.0	212.0	212.0	214.0
165°	170.0	168.0	170.0	172.0	176.0	178.0	184.0	198.0	202.0	204.0
167.5°	174.0	168.0	168.0	168.0	172.0	172.0	178.0	186.0	200.0	196.0
170°	174.0	168.0	164.0	164.0	166.0	164.0	168.0	174.0	182.0	190.0
172.5°	176.0	170.0	164.0	156.0	158.0	156.0	152.0	152.0	154.0	180.0
175°	174.0	170.0	162.0	152.0	150.0	144.0	132.0	122.0	116.0	90.0
177.5°	172.0	166.0	160.0	152.0	148.0	142.0	128.0	112.0	96.0	92.0
180°	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0	164.0



TEST NUMBER: P895223
 CATALOG NUMBER: 8TMB-8SL-FLTU-UNV-L840

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	14.83	16.15	15.45	16.78	17.51	17.46	18.78	18.08	19.41	20.13
	3H	16.24	17.44	16.86	18.08	18.83	19.92	21.12	20.55	21.76	22.52
	4H	16.66	17.80	17.31	18.46	19.22	21.09	22.23	21.74	22.88	23.65
	6H	16.90	17.96	17.56	18.62	19.41	22.27	23.33	22.93	23.99	24.78
	8H	16.94	17.95	17.61	18.64	19.43	22.86	23.87	23.53	24.56	25.35
	12H	16.95	17.92	17.63	18.60	19.42	23.50	24.47	24.18	25.15	25.96
4H	2H	15.73	16.87	16.38	17.53	18.30	17.80	18.94	18.45	19.60	20.37
	3H	17.36	18.32	18.02	19.02	19.80	20.47	21.43	21.13	22.13	22.92
	4H	17.91	18.80	18.59	19.49	20.31	21.78	22.67	22.46	23.37	24.18
	6H	18.25	19.03	18.95	19.75	20.58	23.14	23.91	23.83	24.64	25.46
	8H	18.32	19.06	19.03	19.77	20.62	23.83	24.56	24.53	25.28	26.12
	12H	18.35	19.02	19.08	19.76	20.61	24.58	25.24	25.30	25.98	26.83
8H	4H	18.57	19.31	19.28	20.02	20.87	21.93	22.66	22.64	23.38	24.22
	6H	19.08	19.70	19.81	20.46	21.30	23.43	24.04	24.16	24.80	25.65
	8H	19.23	19.79	19.98	20.55	21.41	24.24	24.79	24.98	25.55	26.41
	12H	19.32	19.82	20.07	20.57	21.49	25.15	25.64	25.89	26.39	27.31
12H	4H	18.74	19.41	19.47	20.15	21.00	21.92	22.59	22.65	23.33	24.18
	6H	19.34	19.90	20.09	20.66	21.52	23.44	24.00	24.19	24.76	25.62
	8H	19.58	20.07	20.33	20.82	21.74	24.30	24.80	25.05	25.55	26.47