

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: P895150

Luminaire Tested: 8TMB-6SL-RND-UNV-L835

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895150
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-6SL-RND-UNV-L835
Description: 6000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3500K CCT
Light Source: -
Ballast/Driver: -

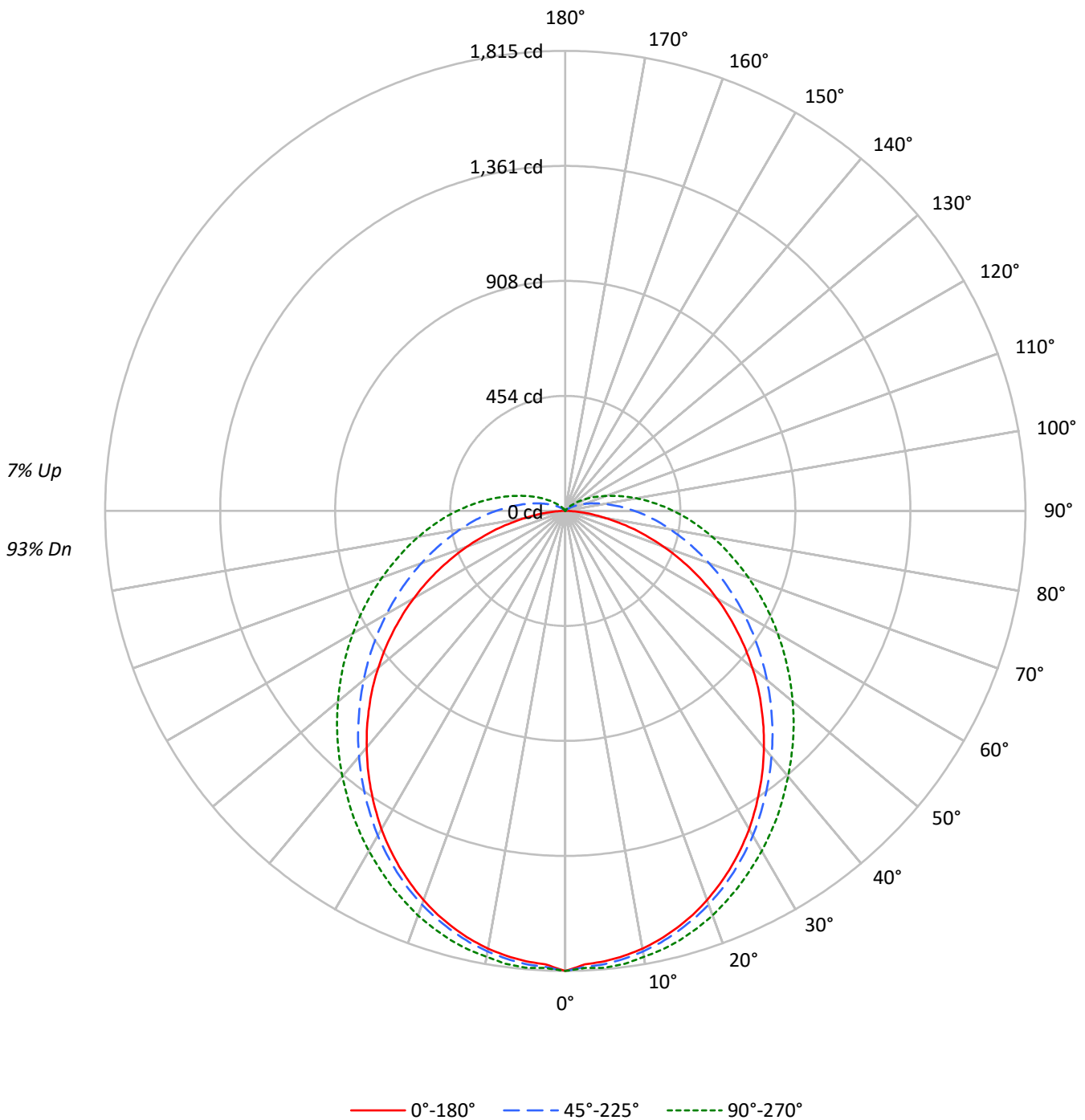
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6007.9 lumens
Efficiency: N/A
Efficacy: 142.4 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): 42.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.51
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P895150
CATALOG NUMBER: 8TMB-6SL-RND-UNV-L835

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°	6440	6440	6440
5°	6353	6393	6444
10°	6319	6360	6437
15°	6255	6307	6437
20°	6172	6241	6413
25°	6065	6154	6377
30°	5940	6062	6348
35°	5794	5954	6336
40°	5643	5861	6334
45°	5487	5779	6378
50°	5315	5730	6459
55°	5121	5719	6615
60°	4898	5774	6863
65°	4626	5926	7272
70°	4287	6261	7970
75°	3874	6970	9247
80°	3279	8588	12012
85°	2658	13992	20579

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 37890 cd/sqm



TEST NUMBER: P895150
 CATALOG NUMBER: 8TMB-6SL-RND-UNV-L835

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.6	2.9
10°-20°	489.0	8.1
20°-30°	732.2	12.2
30°-40°	873.1	14.5
40°-50°	905.5	15.1
50°-60°	840.1	14.0
60°-70°	700.8	11.7
70°-80°	522.5	8.7
80°-90°	347.9	5.8
90°-100°	211.8	3.5
100°-110°	118.3	2.0
110°-120°	59.1	1.0
120°-130°	24.7	0.4
130°-140°	7.8	0.1
140°-150°	1.9	0.0
150°-160°	0.8	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	1392.9	23.2
0°-40°	2266.0	37.7
0°-60°	4011.6	66.8
0°-90°	5582.8	92.9
90°-120°	389.1	6.5
90°-150°	423.5	7.0
90°-180°	425.0	7.1
0°-180°	6007.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1815	1815	1815	1815	1815	
5°	1784	1825	1795	1805	1809	169
15°	1703	1747	1717	1748	1752	480
25°	1549	1590	1572	1616	1629	713
35°	1338	1373	1375	1443	1463	837
45°	1094	1122	1152	1243	1271	844
55°	828	856	924	1032	1069	740
65°	551	595	706	825	866	545
75°	283	361	508	632	674	299
85°	65	179	344	462	506	73
90°	3	118	273	385	426	5
95°	0	72	210	315	352	0
105°	0	23	115	195	224	0
115°	1	6	54	109	131	1
125°	1	1	21	52	65	1
135°	1	1	6	18	24	1
145°	1	1	1	4	6	1
155°	3	3	1	1	1	1
165°	3	3	1	1	1	1
175°	3	3	3	1	0	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9
2.5°	1790.7	1793.6	1819.1	1817.7	1813.4	1830.5	1834.7	1820.5	1797.8	1820.5	1800.7
5°	1783.6	1786.5	1812.0	1810.6	1806.3	1824.8	1826.2	1813.4	1790.7	1813.4	1795.0
7.5°	1770.8	1773.7	1799.2	1797.8	1795.0	1813.4	1812.0	1802.1	1777.9	1802.1	1782.2
10°	1753.8	1755.2	1782.2	1779.4	1777.9	1796.4	1792.1	1783.6	1759.5	1783.6	1765.2
12.5°	1731.1	1732.5	1759.5	1756.6	1756.6	1773.7	1768.0	1760.9	1736.8	1759.5	1743.9
15°	1702.7	1704.1	1729.7	1728.2	1728.2	1746.7	1738.2	1732.5	1709.8	1733.9	1716.9
17.5°	1671.4	1670.0	1697.0	1694.2	1697.0	1714.0	1702.7	1699.8	1678.5	1701.3	1687.1
20°	1634.5	1634.5	1658.7	1657.2	1661.5	1677.1	1662.9	1664.3	1643.0	1667.2	1653.0
22.5°	1593.3	1591.9	1616.0	1616.0	1620.3	1635.9	1620.3	1624.6	1603.3	1626.0	1614.6
25°	1549.3	1546.5	1570.6	1570.6	1577.7	1590.5	1573.4	1579.1	1559.2	1582.0	1572.0
27.5°	1501.0	1496.8	1520.9	1522.3	1528.0	1540.8	1522.3	1530.8	1512.4	1533.7	1526.6
30°	1449.9	1445.6	1469.8	1471.2	1478.3	1488.2	1469.8	1481.1	1464.1	1485.4	1479.7
32.5°	1394.5	1391.7	1414.4	1417.2	1424.3	1431.4	1414.4	1425.8	1411.6	1432.9	1427.2
35°	1337.7	1334.9	1356.2	1360.4	1367.5	1373.2	1354.8	1370.4	1357.6	1377.5	1374.6
37.5°	1279.5	1275.2	1298.0	1300.8	1309.3	1312.2	1295.1	1313.6	1302.2	1322.1	1320.7
40°	1218.4	1214.2	1236.9	1239.7	1248.2	1248.2	1234.0	1253.9	1245.4	1263.9	1265.3
42.5°	1157.4	1153.1	1173.0	1178.7	1185.8	1185.8	1171.6	1192.9	1187.2	1205.6	1209.9
45°	1093.5	1089.2	1107.7	1113.3	1121.9	1121.9	1107.7	1131.8	1127.5	1146.0	1151.7
47.5°	1031.0	1025.3	1042.3	1048.0	1056.5	1055.1	1043.8	1067.9	1066.5	1084.9	1094.9
50°	962.8	958.6	975.6	981.3	991.2	988.4	979.9	1005.4	1005.4	1023.9	1038.1
52.5°	896.1	891.8	908.8	914.5	923.1	923.1	914.5	941.5	945.8	964.2	981.3
55°	827.9	822.2	839.3	844.9	854.9	856.3	849.2	876.2	884.7	906.0	924.5
57.5°	759.7	756.9	771.1	776.8	789.6	789.6	785.3	813.7	825.1	847.8	869.1
60°	690.2	687.3	700.1	707.2	721.4	724.2	721.4	751.2	766.8	789.6	813.7
62.5°	620.6	617.7	630.5	640.5	656.1	658.9	660.3	691.6	708.6	732.8	759.7
65°	551.0	548.2	560.9	572.3	590.8	595.0	599.3	631.9	651.8	677.4	705.8
67.5°	481.4	480.0	492.8	507.0	526.8	532.5	539.6	573.7	596.4	623.4	654.7
70°	413.2	411.8	424.6	441.6	465.8	472.9	481.4	515.5	543.9	572.3	603.5
72.5°	345.1	346.5	360.7	380.6	407.6	414.7	426.0	461.5	492.8	522.6	555.3
75°	282.6	282.6	298.2	320.9	350.8	360.7	373.5	410.4	443.1	474.3	508.4
77.5°	218.7	218.7	237.2	265.6	298.2	308.2	323.8	362.1	397.6	428.9	462.9
80°	160.5	163.3	184.6	213.0	247.1	259.9	278.3	316.7	355.0	386.3	420.3
82.5°	109.3	113.6	136.3	169.0	203.1	215.9	234.3	275.5	313.8	346.5	382.0
85°	65.3	72.4	96.6	129.2	164.7	178.9	198.8	237.2	275.5	308.2	343.7
87.5°	29.8	39.8	65.3	98.0	132.1	147.7	164.7	201.7	240.0	272.7	309.6
90°	2.8	17.0	42.6	71.0	103.7	117.9	134.9	170.4	207.3	237.2	272.7
92.5°	0.0	7.1	25.6	51.1	79.5	93.7	109.3	143.4	176.1	205.9	240.0
95°	0.0	2.8	14.2	35.5	59.6	72.4	86.6	117.9	150.5	178.9	210.2
97.5°	0.0	1.4	8.5	24.1	44.0	55.4	68.2	96.6	126.4	153.4	181.8
100°	0.0	1.4	4.3	15.6	32.7	41.2	54.0	78.1	105.1	129.2	157.6
102.5°	0.0	0.0	2.8	9.9	24.1	31.2	41.2	62.5	86.6	109.3	134.9
105°	0.0	0.0	1.4	7.1	17.0	22.7	31.2	49.7	71.0	90.9	115.0
107.5°	0.0	0.0	1.4	4.3	11.4	17.0	24.1	38.3	56.8	75.3	96.6
110°	1.4	1.4	1.4	2.8	8.5	12.8	17.0	29.8	46.9	62.5	80.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	1.4	1.4	1.4	1.4	5.7	8.5	12.8	22.7	36.9	49.7	66.7
115°	1.4	1.4	1.4	1.4	4.3	5.7	8.5	17.0	28.4	39.8	54.0
117.5°	1.4	1.4	1.4	1.4	2.8	4.3	5.7	12.8	21.3	31.2	44.0
120°	1.4	1.4	1.4	1.4	1.4	2.8	4.3	8.5	17.0	24.1	35.5
122.5°	1.4	1.4	1.4	1.4	1.4	2.8	2.8	7.1	12.8	18.5	27.0
125°	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.3	8.5	14.2	21.3
127.5°	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.3	5.7	9.9	15.6
130°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.3	7.1	11.4
132.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.3	5.7	8.5
135°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	4.3	5.7
137.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	2.8	4.3
140°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8	2.8
142.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.8
145°	1.4	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
147.5°	1.4	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
150°	1.4	2.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
152.5°	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4	1.4
155°	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4	1.4	1.4
157.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
160°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
162.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4	1.4
165°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4	1.4
167.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4
170°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
172.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.4
175°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
177.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
180°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9	1814.9
2.5°	1806.3	1810.6	1814.9	1803.5	1810.6	1823.4	1827.6	1810.6	1816.3	1804.9
5°	1800.7	1803.5	1809.2	1795.0	1804.9	1816.3	1823.4	1809.2	1817.7	1809.2
7.5°	1789.3	1792.1	1799.2	1785.0	1797.8	1807.8	1816.3	1802.1	1810.6	1802.1
10°	1772.3	1776.5	1786.5	1769.4	1785.0	1793.6	1802.1	1786.5	1795.0	1786.5
12.5°	1751.0	1758.1	1766.6	1751.0	1766.6	1773.7	1785.0	1769.4	1779.4	1772.3
15°	1725.4	1732.5	1743.9	1728.2	1748.1	1753.8	1765.2	1749.5	1759.5	1752.4
17.5°	1695.6	1704.1	1718.3	1699.8	1722.6	1726.8	1738.2	1724.0	1733.9	1726.8
20°	1661.5	1670.0	1684.2	1667.2	1689.9	1692.7	1705.5	1692.7	1702.7	1698.4
22.5°	1621.7	1631.7	1645.9	1630.2	1654.4	1654.4	1670.0	1657.2	1668.6	1664.3
25°	1580.5	1591.9	1607.5	1590.5	1616.0	1616.0	1633.1	1620.3	1631.7	1628.8
27.5°	1536.5	1549.3	1567.8	1550.7	1576.3	1574.9	1591.9	1580.5	1593.3	1589.1
30°	1489.7	1503.9	1522.3	1508.1	1535.1	1532.3	1549.3	1539.4	1550.7	1549.3
32.5°	1438.5	1454.2	1476.9	1461.3	1488.2	1485.4	1506.7	1495.3	1509.5	1506.7
35°	1387.4	1404.5	1427.2	1413.0	1442.8	1438.5	1459.8	1449.9	1464.1	1462.7
37.5°	1334.9	1353.3	1376.1	1364.7	1393.1	1388.8	1411.6	1403.0	1418.7	1414.4
40°	1280.9	1299.4	1323.5	1313.6	1343.4	1337.7	1361.9	1354.8	1370.4	1367.5
42.5°	1226.9	1246.8	1271.0	1265.3	1293.7	1288.0	1312.2	1306.5	1322.1	1319.3
45°	1171.6	1192.9	1218.4	1212.7	1242.6	1236.9	1261.0	1256.8	1272.4	1271.0
47.5°	1116.2	1138.9	1164.5	1161.6	1190.0	1184.3	1209.9	1205.6	1221.3	1221.3
50°	1059.4	1084.9	1110.5	1109.1	1137.5	1131.8	1154.5	1154.5	1171.6	1170.1
52.5°	1002.6	1029.6	1056.5	1056.5	1084.9	1079.3	1104.8	1103.4	1120.4	1120.4
55°	948.6	972.8	999.7	1005.4	1032.4	1023.9	1050.9	1053.7	1067.9	1069.3
57.5°	894.6	920.2	947.2	954.3	979.9	974.2	999.7	1002.6	1016.8	1018.2
60°	840.7	864.8	891.8	901.7	927.3	921.6	947.2	950.0	965.7	967.1
62.5°	786.7	810.9	840.7	850.6	874.8	870.5	897.5	900.3	914.5	917.4
65°	734.2	759.7	788.1	802.3	825.1	819.4	846.4	849.2	864.8	866.2
67.5°	683.1	708.6	737.0	752.6	773.9	771.1	796.7	802.3	815.1	818.0
70°	633.4	658.9	688.7	704.4	725.7	724.2	748.4	752.6	766.8	768.3
72.5°	585.1	610.6	640.5	658.9	677.4	676.0	700.1	705.8	720.0	721.4
75°	538.2	565.2	593.6	613.5	631.9	630.5	654.7	660.3	673.1	674.5
77.5°	494.2	521.2	551.0	570.9	586.5	587.9	609.2	614.9	627.7	631.9
80°	453.0	478.6	507.0	528.3	542.5	545.3	565.2	572.3	582.2	587.9
82.5°	413.2	438.8	467.2	487.1	501.3	504.1	522.6	531.1	541.0	545.3
85°	374.9	400.5	427.4	448.7	461.5	462.9	481.4	489.9	498.4	505.5
87.5°	338.0	363.5	389.1	411.8	423.2	426.0	443.1	451.6	458.7	465.8
90°	301.1	326.6	352.2	373.5	384.8	386.3	404.7	413.2	420.3	426.0
92.5°	267.0	292.5	318.1	339.4	349.3	352.2	367.8	377.7	383.4	389.1
95°	234.3	259.9	282.6	305.3	315.3	319.5	333.7	342.2	349.3	352.2
97.5°	205.9	228.6	249.9	272.7	281.2	285.4	299.6	309.6	315.3	318.1
100°	178.9	200.2	220.1	241.4	249.9	254.2	267.0	275.5	281.2	285.4
102.5°	154.8	174.7	193.1	213.0	221.5	224.4	235.7	244.3	249.9	254.2
105°	133.5	151.9	169.0	187.5	194.6	198.8	208.8	215.9	221.5	224.4
107.5°	113.6	132.1	146.3	163.3	170.4	173.2	183.2	191.7	196.0	197.4
110°	96.6	112.2	126.4	140.6	149.1	151.9	160.5	167.6	171.8	173.2



TEST NUMBER: P895150
 CATALOG NUMBER: 8TMB-6SL-RND-UNV-L835

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	80.9	95.1	107.9	120.7	127.8	130.6	139.2	146.3	149.1	150.5
115°	66.7	80.9	90.9	103.7	109.3	112.2	119.3	126.4	127.8	130.6
117.5°	54.0	66.7	76.7	86.6	92.3	95.1	100.8	106.5	109.3	110.8
120°	44.0	54.0	62.5	72.4	76.7	79.5	85.2	90.9	92.3	93.7
122.5°	35.5	44.0	51.1	59.6	63.9	66.7	71.0	75.3	76.7	78.1
125°	27.0	35.5	41.2	48.3	52.5	54.0	58.2	62.5	63.9	65.3
127.5°	21.3	27.0	32.7	38.3	41.2	42.6	46.9	49.7	51.1	52.5
130°	15.6	19.9	24.1	29.8	32.7	34.1	36.9	39.8	41.2	41.2
132.5°	11.4	15.6	18.5	22.7	24.1	25.6	28.4	31.2	31.2	32.7
135°	7.1	9.9	12.8	15.6	18.5	18.5	21.3	22.7	24.1	24.1
137.5°	5.7	7.1	8.5	11.4	12.8	14.2	14.2	17.0	17.0	17.0
140°	4.3	5.7	5.7	7.1	8.5	9.9	9.9	11.4	11.4	11.4
142.5°	2.8	4.3	4.3	5.7	5.7	7.1	7.1	7.1	8.5	8.5
145°	2.8	2.8	2.8	4.3	4.3	4.3	4.3	5.7	5.7	5.7
147.5°	1.4	1.4	2.8	2.8	2.8	2.8	2.8	4.3	4.3	4.3
150°	1.4	1.4	1.4	1.4	1.4	2.8	2.8	2.8	2.8	2.8
152.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
155°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
157.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
160°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
162.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
165°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
167.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
170°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
172.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
175°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0
177.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.0
180°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8



TEST NUMBER: P895150
 CATALOG NUMBER: 8TMB-6SL-RND-UNV-L835

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	16.76	18.30	17.23	18.75	19.24	18.33	19.87	18.80	20.32	20.81
	3H	18.44	19.84	18.92	20.31	20.83	20.96	22.36	21.44	22.83	23.35
	4H	19.03	20.36	19.54	20.85	21.39	22.27	23.60	22.77	24.08	24.62
	6H	19.43	20.67	19.95	21.17	21.73	23.67	24.91	24.19	25.41	25.97
	8H	19.55	20.74	20.08	21.26	21.82	24.42	25.61	24.95	26.13	26.69
	12H	19.62	20.76	20.16	21.28	21.87	25.27	26.41	25.81	26.93	27.52
4H	2H	17.69	19.02	18.19	19.50	20.04	18.88	20.21	19.39	20.70	21.24
	3H	19.67	20.80	20.18	21.33	21.89	21.80	22.93	22.31	23.46	24.02
	4H	20.44	21.48	20.98	22.02	22.62	23.32	24.36	23.86	24.90	25.50
	6H	21.02	21.94	21.58	22.51	23.11	24.96	25.88	25.52	26.45	27.06
	8H	21.20	22.07	21.77	22.63	23.26	25.85	26.71	26.41	27.28	27.90
	12H	21.33	22.12	21.91	22.71	23.33	26.85	27.64	27.43	28.23	28.86
8H	4H	21.32	22.19	21.88	22.75	23.37	23.68	24.55	24.24	25.11	25.74
	6H	22.20	22.94	22.79	23.54	24.17	25.58	26.32	26.18	26.93	27.55
	8H	22.55	23.22	23.16	23.83	24.47	26.67	27.33	27.27	27.95	28.59
	12H	22.82	23.42	23.43	24.02	24.73	27.93	28.53	28.54	29.13	29.84
12H	4H	21.60	22.39	22.18	22.98	23.60	23.72	24.51	24.31	25.10	25.73
	6H	22.65	23.32	23.26	23.93	24.57	25.69	26.36	26.30	26.98	27.62
	8H	23.17	23.76	23.78	24.37	25.08	26.89	27.49	27.50	28.09	28.80