

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: P895156

Luminaire Tested: 8TMB-6SL-RND-UNV-L950

Issue Date: 11/11/2024

**Test Information**

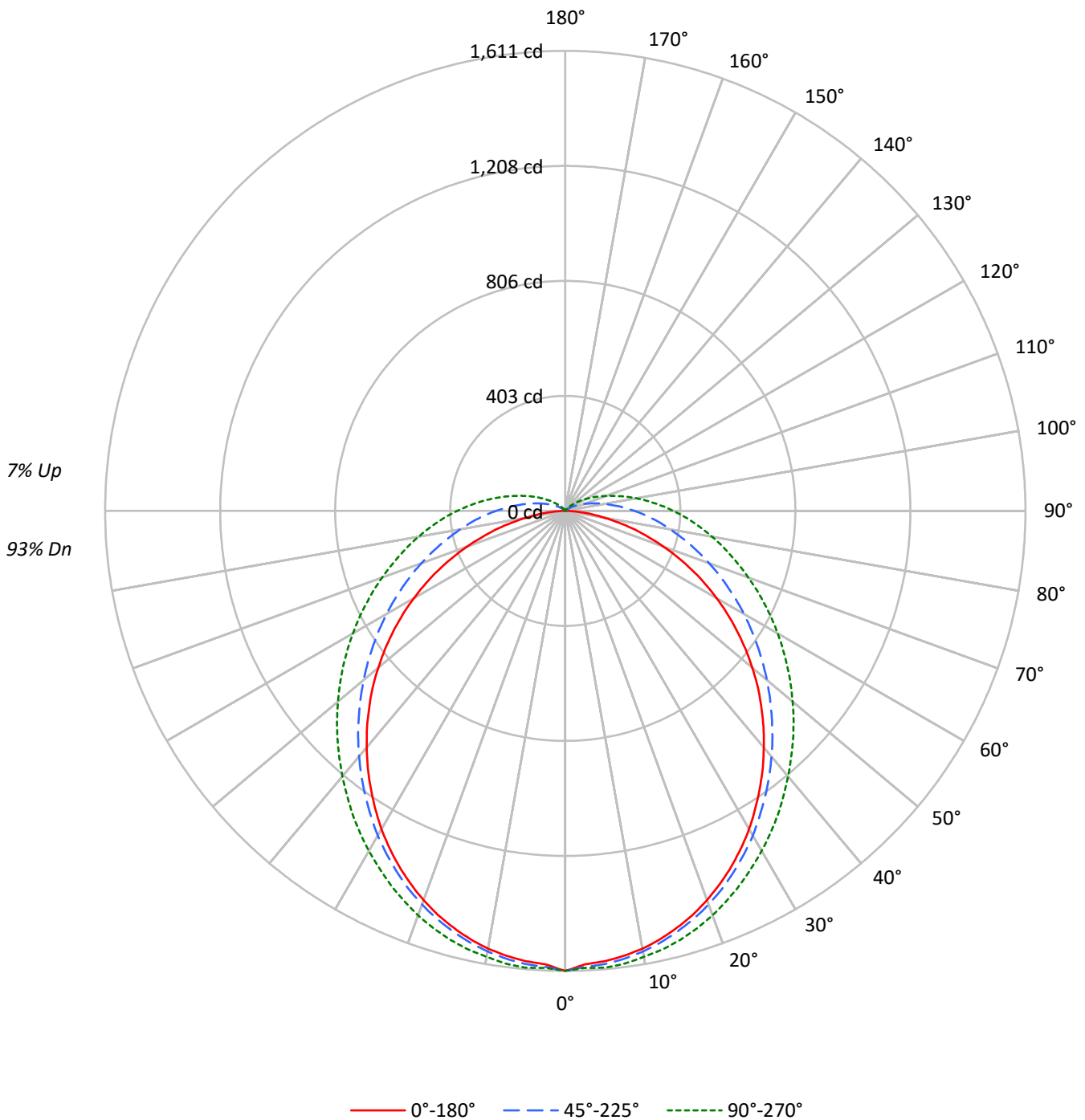
Test Method: LM-79-2019  
Report Number: P895156  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-6SL-RND-UNV-L950  
Description: 6000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5332.1 lumens  
Efficiency: N/A  
Efficacy: 126.4 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 (A<sub>in</sub>): 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: P895156  
CATALOG NUMBER: 8TMB-6SL-RND-UNV-L950

### Luminous Intensity Polar Plot





TEST NUMBER: P895156  
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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	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°	5715	5715	5715
5°	5638	5674	5719
10°	5608	5644	5712
15°	5551	5597	5713
20°	5477	5539	5691
25°	5383	5462	5659
30°	5272	5380	5633
35°	5142	5284	5623
40°	5008	5201	5622
45°	4869	5129	5660
50°	4717	5086	5732
55°	4545	5076	5870
60°	4346	5124	6091
65°	4105	5259	6455
70°	3804	5556	7073
75°	3438	6185	8206
80°	2910	7621	10662
85°	2361	12417	18267

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 33627 cd/sqm



TEST NUMBER: P895156  
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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	152.3	2.9
10°-20°	434.0	8.1
20°-30°	649.9	12.2
30°-40°	774.9	14.5
40°-50°	803.6	15.1
50°-60°	745.6	14.0
60°-70°	622.0	11.7
70°-80°	463.7	8.7
80°-90°	308.8	5.8
90°-100°	188.0	3.5
100°-110°	105.0	2.0
110°-120°	52.4	1.0
120°-130°	21.9	0.4
130°-140°	6.9	0.1
140°-150°	1.7	0.0
150°-160°	0.8	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1236.2	23.2
0°-40°	2011.0	37.7
0°-60°	3560.2	66.8
0°-90°	4954.7	92.9
90°-120°	345.4	6.5
90°-150°	375.9	7.1
90°-180°	377.0	7.1
0°-180°	5332.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1611	1611	1611	1611	1611	
5°	1583	1620	1593	1602	1606	150
15°	1511	1550	1524	1551	1555	426
25°	1375	1412	1395	1434	1446	633
35°	1187	1219	1220	1280	1298	743
45°	970	996	1022	1103	1128	749
55°	735	760	820	916	949	657
65°	489	528	626	732	769	484
75°	251	320	451	561	599	265
85°	58	159	305	410	449	65
90°	2	105	242	342	378	4
95°	0	64	186	280	313	0
105°	0	20	102	173	199	0
115°	1	5	48	97	116	1
125°	1	1	19	47	58	1
135°	1	1	5	16	21	1
145°	1	1	1	4	5	1
155°	2	2	1	1	1	1
165°	2	2	1	1	1	1
175°	2	2	2	1	0	0
180°	2	2	2	2	2	



TEST NUMBER: P895156  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7
2.5°	1589.2	1591.8	1614.4	1613.2	1609.4	1624.5	1628.3	1615.7	1595.5	1615.7	1598.1
5°	1582.9	1585.5	1608.1	1606.9	1603.1	1619.5	1620.7	1609.4	1589.2	1609.4	1593.0
7.5°	1571.6	1574.1	1596.8	1595.5	1593.0	1609.4	1608.1	1599.3	1577.9	1599.3	1581.7
10°	1556.5	1557.7	1581.7	1579.2	1577.9	1594.3	1590.5	1582.9	1561.5	1582.9	1566.5
12.5°	1536.3	1537.6	1561.5	1559.0	1559.0	1574.1	1569.1	1562.8	1541.3	1561.5	1547.6
15°	1511.1	1512.4	1535.0	1533.8	1533.8	1550.2	1542.6	1537.6	1517.4	1538.8	1523.7
17.5°	1483.4	1482.1	1506.1	1503.5	1506.1	1521.2	1511.1	1508.6	1489.7	1509.8	1497.2
20°	1450.6	1450.6	1472.0	1470.8	1474.5	1488.4	1475.8	1477.1	1458.2	1479.6	1467.0
22.5°	1414.1	1412.8	1434.2	1434.2	1438.0	1451.9	1438.0	1441.8	1422.9	1443.0	1433.0
25°	1375.0	1372.5	1393.9	1393.9	1400.2	1411.5	1396.4	1401.4	1383.8	1404.0	1395.1
27.5°	1332.1	1328.4	1349.8	1351.0	1356.1	1367.4	1351.0	1358.6	1342.2	1361.1	1354.8
30°	1286.8	1283.0	1304.4	1305.7	1312.0	1320.8	1304.4	1314.5	1299.4	1318.3	1313.2
32.5°	1237.6	1235.1	1255.3	1257.8	1264.1	1270.4	1255.3	1265.3	1252.7	1271.6	1266.6
35°	1187.2	1184.7	1203.6	1207.4	1213.7	1218.7	1202.3	1216.2	1204.8	1222.5	1220.0
37.5°	1135.5	1131.7	1151.9	1154.4	1162.0	1164.5	1149.4	1165.8	1155.7	1173.3	1172.1
40°	1081.3	1077.6	1097.7	1100.2	1107.8	1107.8	1095.2	1112.8	1105.3	1121.7	1122.9
42.5°	1027.1	1023.4	1041.0	1046.0	1052.3	1052.3	1039.7	1058.6	1053.6	1070.0	1073.8
45°	970.4	966.6	983.0	988.1	995.6	995.6	983.0	1004.5	1000.7	1017.1	1022.1
47.5°	915.0	909.9	925.1	930.1	937.7	936.4	926.3	947.7	946.5	962.9	971.7
50°	854.5	850.7	865.8	870.9	879.7	877.2	869.6	892.3	892.3	908.7	921.3
52.5°	795.2	791.5	806.6	811.6	819.2	819.2	811.6	835.6	839.4	855.7	870.9
55°	734.8	729.7	744.8	749.9	758.7	760.0	753.7	777.6	785.2	804.1	820.5
57.5°	674.3	671.7	684.3	689.4	700.7	700.7	696.9	722.1	732.2	752.4	771.3
60°	612.5	610.0	621.3	627.6	640.2	642.8	640.2	666.7	680.6	700.7	722.1
62.5°	550.7	548.2	559.6	568.4	582.3	584.8	586.0	613.8	628.9	650.3	674.3
65°	489.0	486.5	497.8	507.9	524.3	528.1	531.8	560.8	578.5	601.2	626.4
67.5°	427.2	426.0	437.3	449.9	467.6	472.6	478.9	509.2	529.3	553.3	581.0
70°	366.7	365.5	376.8	392.0	413.4	419.7	427.2	457.5	482.7	507.9	535.6
72.5°	306.3	307.5	320.1	337.8	361.7	368.0	378.1	409.6	437.3	463.8	492.8
75°	250.8	250.8	264.7	284.8	311.3	320.1	331.5	364.2	393.2	420.9	451.2
77.5°	194.1	194.1	210.5	235.7	264.7	273.5	287.3	321.4	352.9	380.6	410.9
80°	142.4	144.9	163.8	189.0	219.3	230.6	247.0	281.0	315.1	342.8	373.0
82.5°	97.0	100.8	121.0	150.0	180.2	191.6	207.9	244.5	278.5	307.5	339.0
85°	58.0	64.3	85.7	114.7	146.2	158.8	176.4	210.5	244.5	273.5	305.0
87.5°	26.5	35.3	58.0	87.0	117.2	131.1	146.2	179.0	213.0	242.0	274.7
90°	2.5	15.1	37.8	63.0	92.0	104.6	119.7	151.2	184.0	210.5	242.0
92.5°	0.0	6.3	22.7	45.4	70.6	83.2	97.0	127.3	156.3	182.7	213.0
95°	0.0	2.5	12.6	31.5	52.9	64.3	76.9	104.6	133.6	158.8	186.5
97.5°	0.0	1.3	7.6	21.4	39.1	49.2	60.5	85.7	112.2	136.1	161.3
100°	0.0	1.3	3.8	13.9	29.0	36.5	47.9	69.3	93.3	114.7	139.9
102.5°	0.0	0.0	2.5	8.8	21.4	27.7	36.5	55.5	76.9	97.0	119.7
105°	0.0	0.0	1.3	6.3	15.1	20.2	27.7	44.1	63.0	80.7	102.1
107.5°	0.0	0.0	1.3	3.8	10.1	15.1	21.4	34.0	50.4	66.8	85.7
110°	1.3	1.3	1.3	2.5	7.6	11.3	15.1	26.5	41.6	55.5	71.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	1.3	1.3	1.3	1.3	5.0	7.6	11.3	20.2	32.8	44.1	59.2
115°	1.3	1.3	1.3	1.3	3.8	5.0	7.6	15.1	25.2	35.3	47.9
117.5°	1.3	1.3	1.3	1.3	2.5	3.8	5.0	11.3	18.9	27.7	39.1
120°	1.3	1.3	1.3	1.3	1.3	2.5	3.8	7.6	15.1	21.4	31.5
122.5°	1.3	1.3	1.3	1.3	1.3	2.5	2.5	6.3	11.3	16.4	23.9
125°	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	7.6	12.6	18.9
127.5°	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	5.0	8.8	13.9
130°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	6.3	10.1
132.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	5.0	7.6
135°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	3.8	5.0
137.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	2.5	3.8
140°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5	2.5
142.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.5
145°	1.3	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147.5°	1.3	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
150°	1.3	2.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
152.5°	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3	1.3
155°	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3
157.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
160°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
162.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3
165°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3	1.3
167.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3
170°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
172.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.3
175°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
177.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
180°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7	1610.7
2.5°	1603.1	1606.9	1610.7	1600.6	1606.9	1618.2	1622.0	1606.9	1611.9	1601.8
5°	1598.1	1600.6	1605.6	1593.0	1601.8	1611.9	1618.2	1605.6	1613.2	1605.6
7.5°	1588.0	1590.5	1596.8	1584.2	1595.5	1604.4	1611.9	1599.3	1606.9	1599.3
10°	1572.8	1576.6	1585.5	1570.3	1584.2	1591.8	1599.3	1585.5	1593.0	1585.5
12.5°	1553.9	1560.2	1567.8	1553.9	1567.8	1574.1	1584.2	1570.3	1579.2	1572.8
15°	1531.3	1537.6	1547.6	1533.8	1551.4	1556.5	1566.5	1552.7	1561.5	1555.2
17.5°	1504.8	1512.4	1525.0	1508.6	1528.7	1532.5	1542.6	1530.0	1538.8	1532.5
20°	1474.5	1482.1	1494.7	1479.6	1499.8	1502.3	1513.6	1502.3	1511.1	1507.3
22.5°	1439.3	1448.1	1460.7	1446.8	1468.2	1468.2	1482.1	1470.8	1480.8	1477.1
25°	1402.7	1412.8	1426.7	1411.5	1434.2	1434.2	1449.3	1438.0	1448.1	1445.6
27.5°	1363.6	1375.0	1391.4	1376.2	1398.9	1397.7	1412.8	1402.7	1414.1	1410.3
30°	1322.0	1334.7	1351.0	1338.4	1362.4	1359.9	1375.0	1366.2	1376.2	1375.0
32.5°	1276.7	1290.5	1310.7	1296.8	1320.8	1318.3	1337.2	1327.1	1339.7	1337.2
35°	1231.3	1246.4	1266.6	1254.0	1280.5	1276.7	1295.6	1286.8	1299.4	1298.1
37.5°	1184.7	1201.1	1221.2	1211.1	1236.3	1232.6	1252.7	1245.2	1259.0	1255.3
40°	1136.8	1153.2	1174.6	1165.8	1192.2	1187.2	1208.6	1202.3	1216.2	1213.7
42.5°	1088.9	1106.5	1128.0	1122.9	1148.1	1143.1	1164.5	1159.5	1173.3	1170.8
45°	1039.7	1058.6	1081.3	1076.3	1102.8	1097.7	1119.1	1115.4	1129.2	1128.0
47.5°	990.6	1010.8	1033.4	1030.9	1056.1	1051.1	1073.8	1070.0	1083.9	1083.9
50°	940.2	962.9	985.6	984.3	1009.5	1004.5	1024.6	1024.6	1039.7	1038.5
52.5°	889.8	913.7	937.7	937.7	962.9	957.8	980.5	979.2	994.4	994.4
55°	841.9	863.3	887.2	892.3	916.2	908.7	932.6	935.1	947.7	949.0
57.5°	794.0	816.7	840.6	846.9	869.6	864.6	887.2	889.8	902.4	903.6
60°	746.1	767.5	791.5	800.3	823.0	817.9	840.6	843.1	857.0	858.3
62.5°	698.2	719.6	746.1	754.9	776.3	772.6	796.5	799.0	811.6	814.2
65°	651.6	674.3	699.5	712.1	732.2	727.2	751.1	753.7	767.5	768.8
67.5°	606.2	628.9	654.1	668.0	686.9	684.3	707.0	712.1	723.4	725.9
70°	562.1	584.8	611.2	625.1	644.0	642.8	664.2	668.0	680.6	681.8
72.5°	519.2	541.9	568.4	584.8	601.2	599.9	621.3	626.4	639.0	640.2
75°	477.7	501.6	526.8	544.4	560.8	559.6	581.0	586.0	597.4	598.6
77.5°	438.6	462.5	489.0	506.6	520.5	521.8	540.7	545.7	557.1	560.8
80°	402.0	424.7	449.9	468.8	481.4	484.0	501.6	507.9	516.7	521.8
82.5°	366.7	389.4	414.6	432.3	444.9	447.4	463.8	471.4	480.2	484.0
85°	332.7	355.4	379.3	398.3	409.6	410.9	427.2	434.8	442.4	448.7
87.5°	300.0	322.6	345.3	365.5	375.6	378.1	393.2	400.8	407.1	413.4
90°	267.2	289.9	312.6	331.5	341.5	342.8	359.2	366.7	373.0	378.1
92.5°	236.9	259.6	282.3	301.2	310.0	312.6	326.4	335.2	340.3	345.3
95°	207.9	230.6	250.8	271.0	279.8	283.6	296.2	303.7	310.0	312.6
97.5°	182.7	202.9	221.8	242.0	249.5	253.3	265.9	274.7	279.8	282.3
100°	158.8	177.7	195.3	214.3	221.8	225.6	236.9	244.5	249.5	253.3
102.5°	137.4	155.0	171.4	189.0	196.6	199.1	209.2	216.8	221.8	225.6
105°	118.5	134.9	150.0	166.4	172.7	176.4	185.3	191.6	196.6	199.1
107.5°	100.8	117.2	129.8	144.9	151.2	153.8	162.6	170.1	173.9	175.2
110°	85.7	99.6	112.2	124.8	132.3	134.9	142.4	148.7	152.5	153.8





TEST NUMBER: P895156  
 CATALOG NUMBER: 8TMB-6SL-RND-UNV-L950

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	71.8	84.4	95.8	107.1	113.4	115.9	123.5	129.8	132.3	133.6
115°	59.2	71.8	80.7	92.0	97.0	99.6	105.9	112.2	113.4	115.9
117.5°	47.9	59.2	68.1	76.9	81.9	84.4	89.5	94.5	97.0	98.3
120°	39.1	47.9	55.5	64.3	68.1	70.6	75.6	80.7	81.9	83.2
122.5°	31.5	39.1	45.4	52.9	56.7	59.2	63.0	66.8	68.1	69.3
125°	23.9	31.5	36.5	42.9	46.6	47.9	51.7	55.5	56.7	58.0
127.5°	18.9	23.9	29.0	34.0	36.5	37.8	41.6	44.1	45.4	46.6
130°	13.9	17.6	21.4	26.5	29.0	30.2	32.8	35.3	36.5	36.5
132.5°	10.1	13.9	16.4	20.2	21.4	22.7	25.2	27.7	27.7	29.0
135°	6.3	8.8	11.3	13.9	16.4	16.4	18.9	20.2	21.4	21.4
137.5°	5.0	6.3	7.6	10.1	11.3	12.6	12.6	15.1	15.1	15.1
140°	3.8	5.0	5.0	6.3	7.6	8.8	8.8	10.1	10.1	10.1
142.5°	2.5	3.8	3.8	5.0	5.0	6.3	6.3	6.3	7.6	7.6
145°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	5.0	5.0	5.0
147.5°	1.3	1.3	2.5	2.5	2.5	2.5	2.5	3.8	3.8	3.8
150°	1.3	1.3	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5
152.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
155°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
157.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
160°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
162.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
165°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
170°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
172.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
175°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0
177.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0
180°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5



TEST NUMBER: P895156  
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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	16.34	17.88	16.81	18.34	18.82	17.91	19.45	18.38	19.91	20.39
	3H	18.02	19.42	18.50	19.89	20.42	20.54	21.94	21.02	22.41	22.94
	4H	18.62	19.95	19.12	20.43	20.97	21.85	23.18	22.35	23.67	24.21
	6H	19.02	20.26	19.53	20.75	21.31	23.26	24.50	23.77	24.99	25.55
	8H	19.13	20.32	19.66	20.84	21.41	24.01	25.19	24.53	25.72	26.28
	12H	19.21	20.35	19.74	20.86	21.46	24.86	26.00	25.39	26.51	27.10
4H	2H	17.27	18.60	17.78	19.09	19.63	18.47	19.80	18.97	20.28	20.82
	3H	19.25	20.39	19.77	20.91	21.48	21.38	22.52	21.90	23.05	23.61
	4H	20.03	21.07	20.56	21.61	22.20	22.91	23.95	23.44	24.49	25.08
	6H	20.61	21.53	21.16	22.09	22.70	24.55	25.47	25.11	26.03	26.64
	8H	20.79	21.66	21.35	22.22	22.84	25.43	26.30	25.99	26.86	27.48
	12H	20.91	21.70	21.50	22.29	22.92	26.43	27.22	27.02	27.81	28.44
8H	4H	20.91	21.77	21.47	22.34	22.96	23.27	24.13	23.83	24.70	25.32
	6H	21.79	22.52	22.38	23.13	23.76	25.17	25.91	25.76	26.51	27.14
	8H	22.13	22.80	22.74	23.42	24.06	26.25	26.92	26.86	27.53	28.17
	12H	22.41	23.00	23.01	23.61	24.31	27.52	28.11	28.12	28.72	29.42
12H	4H	21.18	21.97	21.77	22.56	23.19	23.31	24.10	23.89	24.69	25.32
	6H	22.24	22.90	22.84	23.52	24.16	25.28	25.95	25.88	26.56	27.20
	8H	22.75	23.35	23.36	23.95	24.66	26.48	27.07	27.08	27.68	28.38