

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: P895107

Luminaire Tested: 8TMB-6SL-FLT-UNV-L940

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895107
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-4)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 8TMB-6SL-FLT-UNV-L940
Description: 6000 Lumen 8FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 4000K CCT
Light Source: -
Ballast/Driver: -

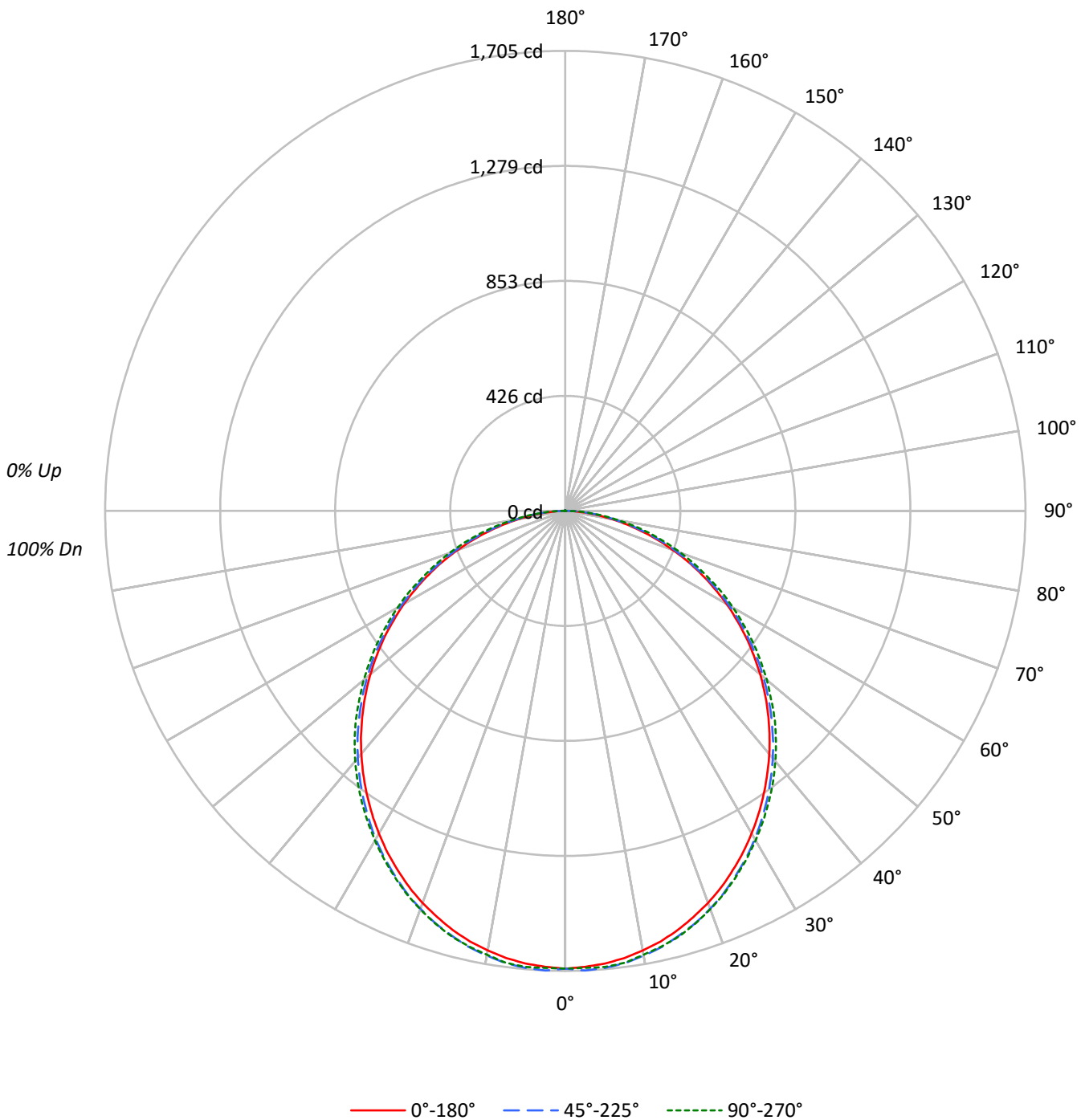
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4708.9 lumens
Efficiency: N/A
Efficacy: 111.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34
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_{in}): 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

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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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	86	86	86	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	72	72	72	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	61	61	61	58
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	52	52	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	45	45	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	40	40	40	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	35	35	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	32	32	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	29	29	29	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	26	26	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6019	6019	6019
5°	5998	6055	6042
10°	5960	6031	6018
15°	5907	5985	5994
20°	5838	5927	5931
25°	5751	5844	5858
30°	5658	5754	5780
35°	5551	5648	5696
40°	5447	5539	5608
45°	5328	5415	5509
50°	5203	5285	5381
55°	5063	5139	5247
60°	4900	4979	5094
65°	4681	4775	4901
70°	4406	4534	4741
75°	4052	4222	4494
80°	3578	3858	4060
85°	3086	3538	3790

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 5509 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.4	3.4
10°-20°	457.2	9.7
20°-30°	685.2	14.6
30°-40°	815.2	17.3
40°-50°	836.5	17.8
50°-60°	749.4	15.9
60°-70°	569.4	12.1
70°-80°	331.0	7.0
80°-90°	99.3	2.1
90°-100°	2.3	0.0
100°-110°	0.4	0.0
110°-120°	0.0	0.0
120°-130°	0.2	0.0
130°-140°	0.5	0.0
140°-150°	0.7	0.0
150°-160°	0.6	0.0
160°-170°	0.4	0.0
170°-180°	0.2	0.0
0°-30°	1302.8	27.7
0°-40°	2118.0	45.0
0°-60°	3704.0	78.7
0°-90°	4703.7	99.9
90°-120°	2.8	0.1
90°-150°	4.2	0.1
90°-180°	5.0	0.1
0°-180°	4708.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1696	1696	1696	1696	1696	
5°	1684	1712	1700	1691	1696	160
15°	1608	1639	1629	1627	1632	453
25°	1469	1503	1493	1490	1496	677
35°	1282	1313	1304	1308	1315	802
45°	1062	1088	1079	1088	1098	819
55°	818	838	831	841	848	731
65°	558	571	569	579	584	552
75°	296	307	308	319	328	314
85°	76	82	87	93	93	83
90°	1	5	5	9	8	5
95°	0	1	1	2	4	0
105°	0	0	0	1	1	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	1
135°	0	0	1	0	0	0
145°	1	1	1	1	1	1
155°	1	1	1	1	1	1
165°	1	1	1	1	1	0
175°	2	2	2	1	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4
2.5°	1691.4	1688.9	1691.4	1690.2	1702.6	1717.5	1715.0	1703.8	1691.4	1695.1	1705.1
5°	1683.9	1682.7	1686.4	1683.9	1696.4	1712.5	1707.5	1697.6	1686.4	1690.2	1700.1
7.5°	1671.5	1671.5	1676.5	1674.0	1685.2	1701.3	1696.4	1687.7	1676.5	1680.2	1690.2
10°	1654.1	1655.4	1661.6	1657.9	1667.8	1685.2	1680.2	1671.5	1661.6	1664.1	1674.0
12.5°	1634.3	1634.3	1641.7	1638.0	1647.9	1664.1	1657.9	1651.7	1641.7	1644.2	1655.4
15°	1608.2	1609.4	1618.1	1614.4	1623.1	1639.2	1633.0	1628.1	1619.4	1620.6	1629.3
17.5°	1578.4	1582.1	1590.8	1587.1	1595.8	1611.9	1604.5	1599.5	1592.0	1593.3	1602.0
20°	1546.1	1549.8	1558.5	1556.0	1562.2	1578.4	1570.9	1568.5	1561.0	1562.2	1569.7
22.5°	1510.1	1513.8	1523.7	1521.3	1527.5	1543.6	1534.9	1533.7	1526.2	1527.5	1533.7
25°	1469.1	1474.1	1485.2	1482.8	1487.7	1502.6	1495.2	1492.7	1487.7	1487.7	1492.7
27.5°	1426.9	1431.8	1444.3	1440.5	1444.3	1460.4	1451.7	1450.5	1445.5	1445.5	1450.5
30°	1380.9	1385.9	1399.6	1395.8	1399.6	1413.2	1404.5	1405.8	1400.8	1400.8	1404.5
32.5°	1332.5	1336.2	1351.1	1348.6	1351.1	1364.8	1356.1	1357.3	1352.4	1353.6	1354.9
35°	1281.6	1285.3	1301.5	1299.0	1300.2	1312.6	1306.4	1306.4	1302.7	1301.5	1303.9
37.5°	1229.4	1233.2	1253.0	1246.8	1246.8	1259.2	1254.3	1254.3	1250.5	1249.3	1250.5
40°	1176.0	1178.5	1199.6	1193.4	1192.2	1203.3	1199.6	1199.6	1197.1	1194.7	1195.9
42.5°	1120.1	1123.9	1145.0	1140.0	1135.0	1147.5	1143.7	1145.0	1141.3	1138.8	1138.8
45°	1061.8	1065.5	1086.6	1084.1	1076.7	1087.9	1084.1	1086.6	1081.6	1079.2	1079.2
47.5°	1003.4	1008.4	1028.2	1024.5	1017.1	1028.2	1024.5	1027.0	1022.0	1019.6	1019.6
50°	942.6	947.5	968.6	962.4	955.0	966.2	963.7	964.9	961.2	958.7	957.5
52.5°	880.5	886.7	906.5	899.1	892.9	902.8	901.6	902.8	897.9	896.6	895.4
55°	818.4	824.6	843.2	834.5	829.6	838.2	835.8	838.2	833.3	832.0	830.8
57.5°	753.8	760.0	777.4	768.7	765.0	772.4	771.2	772.4	768.7	767.5	766.2
60°	690.5	695.4	711.6	702.9	699.2	706.6	704.1	707.9	702.9	702.9	701.6
62.5°	623.4	629.6	645.8	635.8	633.3	639.6	637.1	640.8	638.3	635.8	634.6
65°	557.6	561.3	576.2	567.5	563.8	571.2	570.0	572.5	568.8	570.0	568.8
67.5°	491.8	494.3	509.2	499.2	496.7	504.2	505.4	504.2	501.7	502.9	501.7
70°	424.7	427.2	439.6	430.9	429.7	435.9	438.4	437.1	434.6	435.9	437.1
72.5°	360.1	361.4	372.6	365.1	363.9	371.3	371.3	371.3	371.3	371.3	373.8
75°	295.6	296.8	306.7	300.5	299.3	306.7	306.7	306.7	306.7	309.2	308.0
77.5°	233.5	232.2	242.2	238.4	236.0	243.4	243.4	244.6	247.1	249.6	245.9
80°	175.1	173.9	181.3	176.3	176.3	183.8	182.6	183.8	186.3	187.5	188.8
82.5°	122.9	120.5	126.7	125.4	124.2	130.4	131.6	130.4	134.1	135.4	135.4
85°	75.8	75.8	79.5	77.0	77.0	82.0	82.0	83.2	85.7	86.9	86.9
87.5°	36.0	34.8	38.5	37.3	36.0	39.7	39.7	41.0	42.2	43.5	42.2
90°	1.2	1.2	2.5	2.5	2.5	5.0	5.0	5.0	6.2	6.2	5.0
92.5°	0.0	0.0	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5	2.5
95°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	1.2
132.5°	0.0	0.0	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0
135°	0.0	1.2	1.2	1.2	1.2	0.0	1.2	0.0	0.0	0.0	1.2
137.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
140°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
142.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
157.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167.5°	2.5	2.5	2.5	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2
170°	2.5	2.5	2.5	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2
172.5°	2.5	2.5	2.5	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2
175°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.2	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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4	1696.4
2.5°	1690.2	1681.5	1677.7	1680.2	1697.6	1680.2	1698.8	1705.1	1682.7	1695.1
5°	1685.2	1676.5	1671.5	1674.0	1691.4	1675.3	1695.1	1702.6	1683.9	1696.4
7.5°	1675.3	1665.3	1662.8	1666.6	1681.5	1667.8	1687.7	1695.1	1676.5	1688.9
10°	1660.3	1651.7	1649.2	1652.9	1666.6	1652.9	1670.3	1676.5	1659.1	1670.3
12.5°	1641.7	1633.0	1630.5	1635.5	1647.9	1635.5	1652.9	1659.1	1641.7	1652.9
15°	1618.1	1609.4	1608.2	1615.6	1626.8	1615.6	1633.0	1638.0	1620.6	1631.8
17.5°	1589.6	1580.9	1582.1	1590.8	1599.5	1589.6	1605.7	1610.7	1594.5	1603.2
20°	1558.5	1548.6	1551.1	1558.5	1566.0	1556.0	1572.2	1577.1	1562.2	1570.9
22.5°	1522.5	1512.6	1515.1	1523.7	1528.7	1520.0	1534.9	1539.9	1527.5	1536.2
25°	1482.8	1474.1	1477.8	1486.5	1490.2	1482.8	1496.4	1500.2	1489.0	1496.4
27.5°	1443.0	1433.1	1438.1	1446.8	1449.2	1441.8	1455.4	1457.9	1446.8	1454.2
30°	1398.3	1388.4	1394.6	1404.5	1404.5	1399.6	1410.7	1413.2	1404.5	1410.7
32.5°	1348.6	1341.2	1348.6	1357.3	1356.1	1352.4	1363.5	1366.0	1358.6	1363.5
35°	1299.0	1292.8	1300.2	1308.9	1307.7	1303.9	1315.1	1316.4	1310.1	1315.1
37.5°	1248.1	1243.1	1250.5	1258.0	1255.5	1253.0	1263.0	1263.0	1259.2	1264.2
40°	1195.9	1190.9	1197.1	1205.8	1200.9	1200.9	1207.1	1209.6	1205.8	1210.8
42.5°	1141.3	1136.3	1143.7	1151.2	1146.2	1145.0	1152.4	1153.7	1151.2	1154.9
45°	1084.1	1079.2	1086.6	1092.8	1087.9	1087.9	1094.1	1094.1	1092.8	1097.8
47.5°	1025.8	1022.0	1028.2	1034.5	1029.5	1033.2	1033.2	1033.2	1035.7	1034.5
50°	966.2	962.4	967.4	974.8	968.6	969.9	972.4	972.4	973.6	974.8
52.5°	904.1	899.1	904.1	912.8	904.1	907.8	909.0	910.3	914.0	911.5
55°	842.0	837.0	842.0	849.4	840.7	845.7	845.7	846.9	850.7	848.2
57.5°	777.4	772.4	779.9	784.8	776.2	781.1	781.1	783.6	786.1	782.4
60°	712.8	709.1	711.6	720.3	711.6	716.5	716.5	716.5	721.5	717.8
62.5°	647.0	644.5	647.0	654.5	645.8	650.7	649.5	650.7	655.7	654.5
65°	579.9	577.5	579.9	587.4	578.7	583.7	583.7	584.9	588.6	583.7
67.5°	514.1	510.4	514.1	520.3	512.9	516.6	516.6	516.6	522.8	520.3
70°	447.1	444.6	447.1	453.3	447.1	449.5	449.5	449.5	455.8	457.0
72.5°	381.2	381.2	383.7	388.7	383.7	388.7	385.0	382.5	391.2	392.4
75°	316.7	317.9	319.2	324.1	319.2	324.1	321.6	319.2	326.6	327.8
77.5°	257.1	257.1	258.3	262.0	258.3	262.0	259.5	259.5	264.5	263.3
80°	196.2	196.2	197.5	201.2	197.5	201.2	198.7	198.7	203.7	198.7
82.5°	142.8	142.8	142.8	146.5	144.1	146.5	145.3	142.8	149.0	144.1
85°	91.9	93.1	93.1	94.4	93.1	94.4	94.4	93.1	96.9	93.1
87.5°	47.2	47.2	47.2	48.4	47.2	47.2	48.4	47.2	49.7	48.4
90°	8.7	7.5	7.5	9.9	8.7	8.7	9.9	7.5	8.7	7.5
92.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	5.0	5.0
95°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.7
97.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.5	2.5
100°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
102.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
105°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	1.2	1.2
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.2



TEST NUMBER: P895107

CATALOG NUMBER: 8TMB-6SL-FLT-UNV-L940

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	1.2	1.2	1.2	1.2	0.0	1.2	0.0	0.0	0.0	0.0
140°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
142.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
157.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
170°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
177.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P895107
 CATALOG NUMBER: 8TMB-6SL-FLT-UNV-L940

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	17.74	19.38	18.11	19.70	20.01	17.88	19.52	18.25	19.83	20.15
	3H	19.57	21.05	19.94	21.38	21.74	19.71	21.19	20.09	21.52	21.88
	4H	20.23	21.62	20.63	21.97	22.35	20.42	21.81	20.82	22.16	22.54
	6H	20.68	21.97	21.09	22.34	22.73	20.98	22.27	21.39	22.64	23.03
	8H	20.82	22.06	21.25	22.45	22.85	21.17	22.41	21.60	22.80	23.20
	12H	20.92	22.10	21.35	22.48	22.92	21.31	22.50	21.74	22.88	23.31
4H	2H	18.38	19.77	18.78	20.12	20.50	18.48	19.88	18.88	20.23	20.61
	3H	20.42	21.59	20.83	21.99	22.39	20.55	21.72	20.96	22.12	22.53
	4H	21.21	22.27	21.64	22.69	23.13	21.40	22.46	21.83	22.87	23.31
	6H	21.79	22.72	22.24	23.16	23.62	22.09	23.02	22.54	23.46	23.92
	8H	21.98	22.85	22.44	23.29	23.76	22.33	23.20	22.80	23.65	24.12
	12H	22.12	22.90	22.60	23.38	23.85	22.53	23.31	23.01	23.79	24.26
8H	4H	21.54	22.41	22.00	22.85	23.32	21.71	22.58	22.17	23.02	23.49
	6H	22.24	22.97	22.74	23.46	23.93	22.53	23.26	23.03	23.75	24.22
	8H	22.51	23.16	23.02	23.66	24.15	22.86	23.51	23.37	24.02	24.51
	12H	22.72	23.30	23.23	23.79	24.35	23.15	23.72	23.65	24.21	24.78
12H	4H	21.58	22.37	22.07	22.84	23.31	21.74	22.52	22.22	23.00	23.47
	6H	22.31	22.97	22.82	23.47	23.96	22.59	23.24	23.10	23.75	24.23
	8H	22.64	23.22	23.15	23.71	24.27	22.98	23.56	23.49	24.05	24.61