

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: P893734

Luminaire Tested: 4MB-6SL-FLT-UNV-L935

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893734
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: 4MB-6SL-FLT-UNV-L935
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 3500K CCT
Light Source: -
Ballast/Driver: -

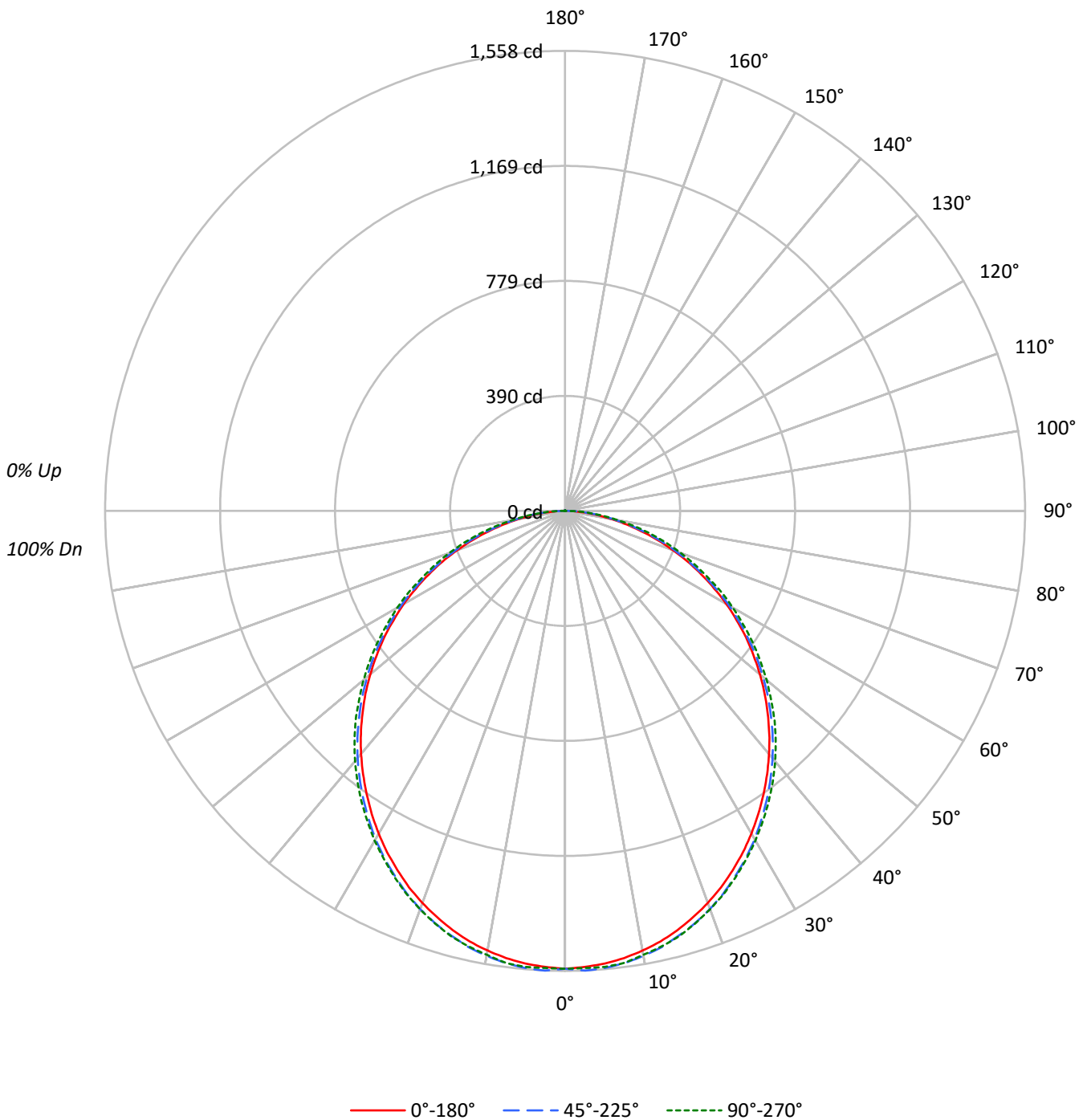
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4303.9 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34
Luminous Opening: Rectangular (W 0.38' x L: 3.98' x H: 0')
CIE Type: Direct

Input Watts (W): 44.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 4
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°	11032	11032	11032
5°	10993	11098	11074
10°	10923	11054	11029
15°	10827	10969	10986
20°	10699	10863	10871
25°	10542	10710	10737
30°	10370	10546	10593
35°	10175	10352	10440
40°	9984	10152	10279
45°	9765	9925	10096
50°	9536	9686	9862
55°	9279	9419	9616
60°	8981	9126	9336
65°	8579	8751	8982
70°	8076	8311	8689
75°	7425	7739	8239
80°	6556	7068	7441
85°	5649	6490	6947

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 10096 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.6	3.4
10°-20°	417.9	9.7
20°-30°	626.2	14.6
30°-40°	745.1	17.3
40°-50°	764.6	17.8
50°-60°	685.0	15.9
60°-70°	520.5	12.1
70°-80°	302.5	7.0
80°-90°	90.8	2.1
90°-100°	2.1	0.0
100°-110°	0.4	0.0
110°-120°	0.0	0.0
120°-130°	0.2	0.0
130°-140°	0.4	0.0
140°-150°	0.7	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	1190.7	27.7
0°-40°	1935.9	45.0
0°-60°	3385.4	78.7
0°-90°	4299.1	99.9
90°-120°	2.5	0.1
90°-150°	3.8	0.1
90°-180°	5.0	0.1
0°-180°	4303.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1550	1550	1550	1550	1550	
5°	1539	1565	1554	1546	1550	146
15°	1470	1498	1489	1487	1491	414
25°	1343	1373	1364	1362	1368	619
35°	1171	1200	1192	1195	1202	733
45°	970	994	986	994	1003	749
55°	748	766	759	768	775	668
65°	510	522	520	529	534	504
75°	270	280	282	292	300	287
85°	69	75	80	85	85	76
90°	1	4	4	8	7	5
95°	0	1	1	2	3	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°	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5
2.5°	1545.9	1543.7	1545.9	1544.8	1556.1	1569.8	1567.5	1557.3	1545.9	1549.3	1558.4
5°	1539.1	1538.0	1541.4	1539.1	1550.5	1565.2	1560.7	1551.6	1541.4	1544.8	1553.9
7.5°	1527.8	1527.8	1532.3	1530.0	1540.3	1555.0	1550.5	1542.5	1532.3	1535.7	1544.8
10°	1511.9	1513.0	1518.7	1515.3	1524.4	1540.3	1535.7	1527.8	1518.7	1521.0	1530.0
12.5°	1493.7	1493.7	1500.5	1497.1	1506.2	1521.0	1515.3	1509.6	1500.5	1502.8	1513.0
15°	1469.9	1471.0	1479.0	1475.6	1483.5	1498.3	1492.6	1488.0	1480.1	1481.2	1489.2
17.5°	1442.6	1446.0	1454.0	1450.6	1458.5	1473.3	1466.5	1461.9	1455.1	1456.3	1464.2
20°	1413.1	1416.5	1424.5	1422.2	1427.9	1442.6	1435.8	1433.6	1426.7	1427.9	1434.7
22.5°	1380.2	1383.6	1392.7	1390.4	1396.1	1410.9	1402.9	1401.8	1395.0	1396.1	1401.8
25°	1342.8	1347.3	1357.5	1355.2	1359.8	1373.4	1366.6	1364.3	1359.8	1359.8	1364.3
27.5°	1304.2	1308.7	1320.1	1316.6	1320.1	1334.8	1326.9	1325.7	1321.2	1321.2	1325.7
30°	1262.2	1266.7	1279.2	1275.8	1279.2	1291.7	1283.7	1284.9	1280.3	1280.3	1283.7
32.5°	1217.9	1221.3	1234.9	1232.7	1234.9	1247.4	1239.5	1240.6	1236.1	1237.2	1238.3
35°	1171.4	1174.8	1189.5	1187.3	1188.4	1199.7	1194.1	1194.1	1190.7	1189.5	1191.8
37.5°	1123.7	1127.1	1145.3	1139.6	1139.6	1150.9	1146.4	1146.4	1143.0	1141.9	1143.0
40°	1074.9	1077.2	1096.4	1090.8	1089.6	1099.9	1096.4	1096.4	1094.2	1091.9	1093.0
42.5°	1023.8	1027.2	1046.5	1042.0	1037.4	1048.8	1045.4	1046.5	1043.1	1040.8	1040.8
45°	970.5	973.9	993.2	990.9	984.1	994.3	990.9	993.2	988.6	986.4	986.4
47.5°	917.1	921.7	939.8	936.4	929.6	939.8	936.4	938.7	934.1	931.9	931.9
50°	861.5	866.0	885.3	879.7	872.8	883.1	880.8	881.9	878.5	876.3	875.1
52.5°	804.7	810.4	828.6	821.8	816.1	825.2	824.0	825.2	820.6	819.5	818.4
55°	748.0	753.7	770.7	762.7	758.2	766.2	763.9	766.2	761.6	760.5	759.3
57.5°	689.0	694.6	710.5	702.6	699.2	706.0	704.9	706.0	702.6	701.5	700.3
60°	631.1	635.6	650.4	642.4	639.0	645.8	643.6	647.0	642.4	642.4	641.3
62.5°	569.8	575.5	590.2	581.1	578.9	584.5	582.3	585.7	583.4	581.1	580.0
65°	509.6	513.0	526.7	518.7	515.3	522.1	521.0	523.3	519.8	521.0	519.8
67.5°	449.5	451.7	465.4	456.3	454.0	460.8	462.0	460.8	458.6	459.7	458.6
70°	388.2	390.5	401.8	393.9	392.7	398.4	400.7	399.5	397.3	398.4	399.5
72.5°	329.2	330.3	340.5	333.7	332.6	339.4	339.4	339.4	339.4	339.4	341.6
75°	270.1	271.3	280.4	274.7	273.5	280.4	280.4	280.4	280.4	282.6	281.5
77.5°	213.4	212.3	221.3	217.9	215.7	222.5	222.5	223.6	225.9	228.1	224.7
80°	160.0	158.9	165.7	161.2	161.2	168.0	166.9	168.0	170.3	171.4	172.5
82.5°	112.4	110.1	115.8	114.6	113.5	119.2	120.3	119.2	122.6	123.7	123.7
85°	69.2	69.2	72.6	70.4	70.4	74.9	74.9	76.0	78.3	79.5	79.5
87.5°	32.9	31.8	35.2	34.1	32.9	36.3	36.3	37.5	38.6	39.7	38.6
90°	1.1	1.1	2.3	2.3	2.3	4.5	4.5	4.5	5.7	5.7	4.5
92.5°	0.0	0.0	1.1	1.1	1.1	1.1	1.1	2.3	2.3	2.3	2.3
95°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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	1.1



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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	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	1.1
132.5°	0.0	0.0	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0
135°	0.0	1.1	1.1	1.1	1.1	0.0	1.1	0.0	0.0	0.0	1.1
137.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
140°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
145°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
157.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167.5°	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1	1.1	1.1	1.1
170°	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1	1.1	1.1	1.1
172.5°	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1	1.1	1.1	1.1
175°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1	2.3	2.3
177.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5	1550.5
2.5°	1544.8	1536.8	1533.4	1535.7	1551.6	1535.7	1552.7	1558.4	1538.0	1549.3
5°	1540.3	1532.3	1527.8	1530.0	1545.9	1531.2	1549.3	1556.1	1539.1	1550.5
7.5°	1531.2	1522.1	1519.8	1523.2	1536.8	1524.4	1542.5	1549.3	1532.3	1543.7
10°	1517.5	1509.6	1507.3	1510.7	1523.2	1510.7	1526.6	1532.3	1516.4	1526.6
12.5°	1500.5	1492.6	1490.3	1494.8	1506.2	1494.8	1510.7	1516.4	1500.5	1510.7
15°	1479.0	1471.0	1469.9	1476.7	1486.9	1476.7	1492.6	1497.1	1481.2	1491.4
17.5°	1452.9	1444.9	1446.0	1454.0	1461.9	1452.9	1467.6	1472.1	1457.4	1465.3
20°	1424.5	1415.4	1417.7	1424.5	1431.3	1422.2	1437.0	1441.5	1427.9	1435.8
22.5°	1391.6	1382.5	1384.7	1392.7	1397.2	1389.3	1402.9	1407.5	1396.1	1404.0
25°	1355.2	1347.3	1350.7	1358.6	1362.0	1355.2	1367.7	1371.1	1360.9	1367.7
27.5°	1318.9	1309.8	1314.4	1322.3	1324.6	1317.8	1330.3	1332.5	1322.3	1329.1
30°	1278.1	1269.0	1274.7	1283.7	1283.7	1279.2	1289.4	1291.7	1283.7	1289.4
32.5°	1232.7	1225.8	1232.7	1240.6	1239.5	1236.1	1246.3	1248.5	1241.7	1246.3
35°	1187.3	1181.6	1188.4	1196.3	1195.2	1191.8	1202.0	1203.1	1197.5	1202.0
37.5°	1140.7	1136.2	1143.0	1149.8	1147.5	1145.3	1154.3	1154.3	1150.9	1155.5
40°	1093.0	1088.5	1094.2	1102.1	1097.6	1097.6	1103.3	1105.5	1102.1	1106.7
42.5°	1043.1	1038.6	1045.4	1052.2	1047.6	1046.5	1053.3	1054.5	1052.2	1055.6
45°	990.9	986.4	993.2	998.8	994.3	994.3	1000.0	1000.0	998.8	1003.4
47.5°	937.5	934.1	939.8	945.5	940.9	944.4	944.4	944.4	946.6	945.5
50°	883.1	879.7	884.2	891.0	885.3	886.5	888.7	888.7	889.9	891.0
52.5°	826.3	821.8	826.3	834.3	826.3	829.7	830.8	832.0	835.4	833.1
55°	769.6	765.0	769.6	776.4	768.4	773.0	773.0	774.1	777.5	775.2
57.5°	710.5	706.0	712.8	717.3	709.4	713.9	713.9	716.2	718.5	715.1
60°	651.5	648.1	650.4	658.3	650.4	654.9	654.9	654.9	659.5	656.1
62.5°	591.4	589.1	591.4	598.2	590.2	594.8	593.6	594.8	599.3	598.2
65°	530.1	527.8	530.1	536.9	528.9	533.5	533.5	534.6	538.0	533.5
67.5°	469.9	466.5	469.9	475.6	468.8	472.2	472.2	472.2	477.9	475.6
70°	408.6	406.3	408.6	414.3	408.6	410.9	410.9	410.9	416.6	417.7
72.5°	348.5	348.5	350.7	355.3	350.7	355.3	351.9	349.6	357.5	358.7
75°	289.4	290.6	291.7	296.2	291.7	296.2	294.0	291.7	298.5	299.7
77.5°	235.0	235.0	236.1	239.5	236.1	239.5	237.2	237.2	241.8	240.6
80°	179.3	179.3	180.5	183.9	180.5	183.9	181.6	181.6	186.1	181.6
82.5°	130.5	130.5	130.5	133.9	131.7	133.9	132.8	130.5	136.2	131.7
85°	84.0	85.1	85.1	86.3	85.1	86.3	86.3	85.1	88.5	85.1
87.5°	43.1	43.1	43.1	44.3	43.1	43.1	44.3	43.1	45.4	44.3
90°	7.9	6.8	6.8	9.1	7.9	7.9	9.1	6.8	7.9	6.8
92.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	4.5	4.5
95°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	3.4
97.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
100°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
102.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
105°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	1.1	1.1
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	1.1	0.0	0.0	0.0	1.1



TEST NUMBER: P893734
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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	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.1	1.1	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°	1.1	1.1	1.1	1.1	0.0	1.1	0.0	0.0	0.0	0.0
140°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0
145°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
157.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
170°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
172.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
175°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
177.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P893734
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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	19.85	21.48	20.21	21.80	22.12	19.98	21.62	20.35	21.94	22.25
	3H	21.67	23.15	22.05	23.48	23.84	21.82	23.30	22.20	23.63	23.99
	4H	22.33	23.73	22.73	24.08	24.46	22.52	23.92	22.92	24.27	24.65
	6H	22.78	24.08	23.20	24.45	24.84	23.08	24.38	23.49	24.74	25.14
	8H	22.92	24.16	23.35	24.55	24.95	23.28	24.51	23.70	24.90	25.30
	12H	23.02	24.21	23.45	24.59	25.02	23.42	24.60	23.85	24.99	25.42
4H	2H	20.48	21.88	20.88	22.23	22.61	20.59	21.99	20.99	22.33	22.71
	3H	22.52	23.69	22.93	24.09	24.50	22.66	23.83	23.07	24.23	24.63
	4H	23.32	24.38	23.75	24.79	25.23	23.50	24.56	23.93	24.98	25.42
	6H	23.89	24.82	24.35	25.26	25.72	24.19	25.12	24.65	25.56	26.02
	8H	24.08	24.95	24.54	25.40	25.86	24.44	25.31	24.90	25.75	26.22
	12H	24.22	25.01	24.71	25.48	25.96	24.63	25.41	25.11	25.89	26.36
8H	4H	23.65	24.51	24.11	24.96	25.43	23.81	24.68	24.27	25.12	25.59
	6H	24.35	25.07	24.84	25.56	26.04	24.64	25.36	25.13	25.85	26.33
	8H	24.61	25.26	25.12	25.77	26.26	24.97	25.62	25.48	26.12	26.61
	12H	24.83	25.40	25.34	25.90	26.46	25.25	25.83	25.76	26.32	26.88
12H	4H	23.69	24.47	24.17	24.95	25.42	23.84	24.63	24.32	25.10	25.57
	6H	24.42	25.07	24.93	25.58	26.07	24.69	25.34	25.20	25.85	26.34
	8H	24.74	25.32	25.25	25.81	26.37	25.09	25.66	25.60	26.15	26.72