

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: P893782

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893782
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: 4MB-6SL-RND-UNV-L935
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 3500K CCT
Light Source: -
Ballast/Driver: -

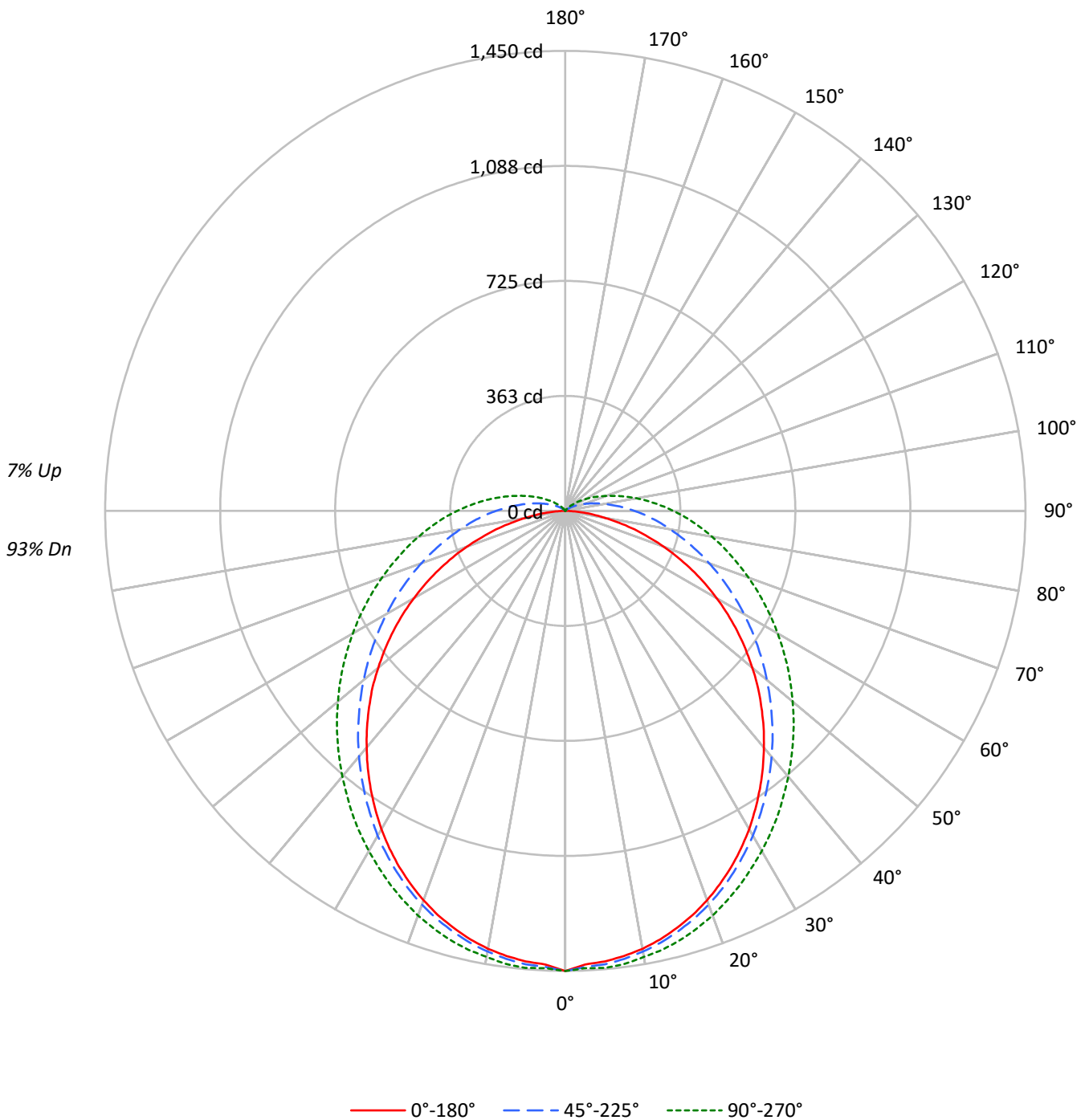
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4800.9 lumens
Efficiency: N/A
Efficacy: 108.1 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.27 / 1.35
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	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°	10319	10319	10319
5°	10180	10245	10325
10°	10125	10191	10314
15°	10022	10106	10315
20°	9889	10001	10276
25°	9720	9862	10218
30°	9519	9714	10172
35°	9285	9541	10152
40°	9043	9391	10150
45°	8792	9260	10219
50°	8516	9182	10351
55°	8207	9163	10600
60°	7848	9252	10997
65°	7413	9495	11654
70°	6869	10033	12771
75°	6207	11169	14817
80°	5253	13763	19249
85°	4261	22417	32981

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 60712 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.2	2.9
10°-20°	390.8	8.1
20°-30°	585.1	12.2
30°-40°	697.7	14.5
40°-50°	723.6	15.1
50°-60°	671.3	14.0
60°-70°	560.0	11.7
70°-80°	417.5	8.7
80°-90°	278.0	5.8
90°-100°	169.3	3.5
100°-110°	94.5	2.0
110°-120°	47.2	1.0
120°-130°	19.7	0.4
130°-140°	6.2	0.1
140°-150°	1.5	0.0
150°-160°	0.7	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1113.1	23.2
0°-40°	1810.8	37.7
0°-60°	3205.7	66.8
0°-90°	4461.2	92.9
90°-120°	311.0	6.5
90°-150°	338.4	7.0
90°-180°	340.0	7.1
0°-180°	4800.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1450	1450	1450	1450	1450	
5°	1425	1458	1434	1442	1446	135
15°	1361	1396	1372	1397	1400	384
25°	1238	1271	1256	1291	1302	570
35°	1069	1097	1098	1153	1169	669
45°	874	896	920	993	1016	674
55°	662	684	739	825	854	591
65°	440	476	564	659	692	436
75°	226	288	406	505	539	239
85°	52	143	275	369	404	59
90°	2	94	218	308	340	4
95°	0	58	168	252	281	0
105°	0	18	92	156	179	0
115°	1	4	43	87	104	1
125°	1	1	17	42	52	1
135°	1	1	4	15	19	1
145°	1	1	1	3	4	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	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3
2.5°	1431.0	1433.2	1453.7	1452.5	1449.1	1462.7	1466.1	1454.8	1436.6	1454.8	1438.9
5°	1425.3	1427.6	1448.0	1446.9	1443.4	1458.2	1459.3	1449.1	1431.0	1449.1	1434.4
7.5°	1415.1	1417.3	1437.8	1436.6	1434.4	1449.1	1448.0	1440.0	1420.8	1440.0	1424.2
10°	1401.5	1402.6	1424.2	1421.9	1420.8	1435.5	1432.1	1425.3	1406.0	1425.3	1410.5
12.5°	1383.3	1384.4	1406.0	1403.7	1403.7	1417.3	1412.8	1407.1	1387.8	1406.0	1393.5
15°	1360.6	1361.7	1382.2	1381.0	1381.0	1395.8	1389.0	1384.4	1366.3	1385.6	1372.0
17.5°	1335.6	1334.5	1356.1	1353.8	1356.1	1369.7	1360.6	1358.3	1341.3	1359.5	1348.1
20°	1306.1	1306.1	1325.4	1324.3	1327.7	1340.2	1328.8	1330.0	1312.9	1332.2	1320.9
22.5°	1273.2	1272.1	1291.4	1291.4	1294.8	1307.3	1294.8	1298.2	1281.2	1299.3	1290.3
25°	1238.1	1235.8	1255.1	1255.1	1260.7	1271.0	1257.3	1261.9	1246.0	1264.2	1256.2
27.5°	1199.5	1196.1	1215.4	1216.5	1221.0	1231.2	1216.5	1223.3	1208.5	1225.6	1219.9
30°	1158.6	1155.2	1174.5	1175.6	1181.3	1189.3	1174.5	1183.6	1170.0	1187.0	1182.4
32.5°	1114.4	1112.1	1130.2	1132.5	1138.2	1143.9	1130.2	1139.3	1128.0	1145.0	1140.5
35°	1069.0	1066.7	1083.7	1087.1	1092.8	1097.3	1082.6	1095.1	1084.9	1100.7	1098.5
37.5°	1022.4	1019.0	1037.2	1039.5	1046.3	1048.5	1034.9	1049.7	1040.6	1056.5	1055.4
40°	973.6	970.2	988.4	990.7	997.5	997.5	986.1	1002.0	995.2	1010.0	1011.1
42.5°	924.9	921.4	937.3	941.9	947.5	947.5	936.2	953.2	948.7	963.4	966.8
45°	873.8	870.4	885.1	889.7	896.5	896.5	885.1	904.4	901.0	915.8	920.3
47.5°	823.9	819.3	832.9	837.5	844.3	843.1	834.1	853.4	852.2	867.0	874.9
50°	769.4	766.0	779.6	784.1	792.1	789.8	783.0	803.4	803.4	818.2	829.5
52.5°	716.0	712.6	726.3	730.8	737.6	737.6	730.8	752.4	755.8	770.5	784.1
55°	661.6	657.0	670.7	675.2	683.1	684.3	678.6	700.2	707.0	724.0	738.7
57.5°	607.1	604.8	616.2	620.7	630.9	630.9	627.5	650.2	659.3	677.5	694.5
60°	551.5	549.2	559.4	565.1	576.5	578.7	576.5	600.3	612.8	630.9	650.2
62.5°	495.9	493.6	503.8	511.8	524.3	526.5	527.7	552.6	566.3	585.5	607.1
65°	440.3	438.0	448.2	457.3	472.1	475.5	478.9	505.0	520.9	541.3	564.0
67.5°	384.7	383.6	393.8	405.1	421.0	425.5	431.2	458.5	476.6	498.2	523.1
70°	330.2	329.1	339.3	352.9	372.2	377.9	384.7	411.9	434.6	457.3	482.3
72.5°	275.8	276.9	288.2	304.1	325.7	331.4	340.4	368.8	393.8	417.6	443.7
75°	225.8	225.8	238.3	256.5	280.3	288.2	298.4	328.0	354.1	379.0	406.3
77.5°	174.8	174.8	189.5	212.2	238.3	246.2	258.7	289.4	317.7	342.7	369.9
80°	128.2	130.5	147.5	170.2	197.5	207.7	222.4	253.1	283.7	308.7	335.9
82.5°	87.4	90.8	108.9	135.0	162.3	172.5	187.2	220.1	250.8	276.9	305.3
85°	52.2	57.9	77.2	103.3	131.6	143.0	158.9	189.5	220.1	246.2	274.6
87.5°	23.8	31.8	52.2	78.3	105.5	118.0	131.6	161.1	191.8	217.9	247.4
90°	2.3	13.6	34.0	56.7	82.8	94.2	107.8	136.2	165.7	189.5	217.9
92.5°	0.0	5.7	20.4	40.9	63.5	74.9	87.4	114.6	140.7	164.5	191.8
95°	0.0	2.3	11.3	28.4	47.7	57.9	69.2	94.2	120.3	143.0	167.9
97.5°	0.0	1.1	6.8	19.3	35.2	44.3	54.5	77.2	101.0	122.6	145.3
100°	0.0	1.1	3.4	12.5	26.1	32.9	43.1	62.4	84.0	103.3	126.0
102.5°	0.0	0.0	2.3	7.9	19.3	25.0	32.9	49.9	69.2	87.4	107.8
105°	0.0	0.0	1.1	5.7	13.6	18.2	25.0	39.7	56.7	72.6	91.9
107.5°	0.0	0.0	1.1	3.4	9.1	13.6	19.3	30.6	45.4	60.1	77.2
110°	1.1	1.1	1.1	2.3	6.8	10.2	13.6	23.8	37.4	49.9	64.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	1.1	1.1	1.1	1.1	4.5	6.8	10.2	18.2	29.5	39.7	53.3
115°	1.1	1.1	1.1	1.1	3.4	4.5	6.8	13.6	22.7	31.8	43.1
117.5°	1.1	1.1	1.1	1.1	2.3	3.4	4.5	10.2	17.0	25.0	35.2
120°	1.1	1.1	1.1	1.1	1.1	2.3	3.4	6.8	13.6	19.3	28.4
122.5°	1.1	1.1	1.1	1.1	1.1	2.3	2.3	5.7	10.2	14.8	21.6
125°	1.1	1.1	1.1	1.1	1.1	1.1	2.3	3.4	6.8	11.3	17.0
127.5°	1.1	1.1	1.1	1.1	1.1	1.1	2.3	3.4	4.5	7.9	12.5
130°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	3.4	5.7	9.1
132.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	3.4	4.5	6.8
135°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	3.4	4.5
137.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3	3.4
140°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
142.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3
145°	1.1	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147.5°	1.1	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150°	1.1	2.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1	1.1	1.1	1.1
155°	2.3	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1	1.1	1.1
157.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1
160°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1
162.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1	1.1	1.1
165°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1	1.1
167.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1
170°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
172.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	1.1
175°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3	1450.3
2.5°	1443.4	1446.9	1450.3	1441.2	1446.9	1457.1	1460.5	1446.9	1451.4	1442.3
5°	1438.9	1441.2	1445.7	1434.4	1442.3	1451.4	1457.1	1445.7	1452.5	1445.7
7.5°	1429.8	1432.1	1437.8	1426.4	1436.6	1444.6	1451.4	1440.0	1446.9	1440.0
10°	1416.2	1419.6	1427.6	1413.9	1426.4	1433.2	1440.0	1427.6	1434.4	1427.6
12.5°	1399.2	1404.9	1411.7	1399.2	1411.7	1417.3	1426.4	1413.9	1421.9	1416.2
15°	1378.8	1384.4	1393.5	1381.0	1396.9	1401.5	1410.5	1398.1	1406.0	1400.3
17.5°	1354.9	1361.7	1373.1	1358.3	1376.5	1379.9	1389.0	1377.6	1385.6	1379.9
20°	1327.7	1334.5	1345.9	1332.2	1350.4	1352.7	1362.9	1352.7	1360.6	1357.2
22.5°	1295.9	1303.9	1315.2	1302.7	1322.0	1322.0	1334.5	1324.3	1333.4	1330.0
25°	1263.0	1272.1	1284.6	1271.0	1291.4	1291.4	1305.0	1294.8	1303.9	1301.6
27.5°	1227.8	1238.1	1252.8	1239.2	1259.6	1258.5	1272.1	1263.0	1273.2	1269.8
30°	1190.4	1201.7	1216.5	1205.1	1226.7	1224.4	1238.1	1230.1	1239.2	1238.1
32.5°	1149.5	1162.0	1180.2	1167.7	1189.3	1187.0	1204.0	1194.9	1206.3	1204.0
35°	1108.7	1122.3	1140.5	1129.1	1152.9	1149.5	1166.6	1158.6	1170.0	1168.8
37.5°	1066.7	1081.5	1099.6	1090.5	1113.2	1109.8	1128.0	1121.2	1133.7	1130.2
40°	1023.6	1038.3	1057.6	1049.7	1073.5	1069.0	1088.3	1082.6	1095.1	1092.8
42.5°	980.5	996.3	1015.6	1011.1	1033.8	1029.3	1048.5	1044.0	1056.5	1054.2
45°	936.2	953.2	973.6	969.1	992.9	988.4	1007.7	1004.3	1016.8	1015.6
47.5°	891.9	910.1	930.5	928.3	951.0	946.4	966.8	963.4	975.9	975.9
50°	846.6	867.0	887.4	886.3	909.0	904.4	922.6	922.6	936.2	935.1
52.5°	801.2	822.7	844.3	844.3	867.0	862.4	882.9	881.7	895.3	895.3
55°	758.0	777.3	798.9	803.4	825.0	818.2	839.7	842.0	853.4	854.5
57.5°	714.9	735.3	756.9	762.6	783.0	778.5	798.9	801.2	812.5	813.6
60°	671.8	691.1	712.6	720.6	741.0	736.5	756.9	759.2	771.7	772.8
62.5°	628.7	648.0	671.8	679.7	699.0	695.6	717.2	719.5	730.8	733.1
65°	586.7	607.1	629.8	641.2	659.3	654.8	676.3	678.6	691.1	692.2
67.5°	545.8	566.3	589.0	601.4	618.5	616.2	636.6	641.2	651.4	653.6
70°	506.1	526.5	550.4	562.9	579.9	578.7	598.0	601.4	612.8	613.9
72.5°	467.5	488.0	511.8	526.5	541.3	540.2	559.4	564.0	575.3	576.5
75°	430.1	451.6	474.3	490.2	505.0	503.8	523.1	527.7	537.9	539.0
77.5°	394.9	416.5	440.3	456.2	468.7	469.8	486.8	491.4	501.6	505.0
80°	362.0	382.4	405.1	422.1	433.5	435.8	451.6	457.3	465.3	469.8
82.5°	330.2	350.6	373.3	389.2	400.6	402.8	417.6	424.4	432.4	435.8
85°	299.6	320.0	341.6	358.6	368.8	369.9	384.7	391.5	398.3	404.0
87.5°	270.1	290.5	310.9	329.1	338.2	340.4	354.1	360.9	366.5	372.2
90°	240.6	261.0	281.4	298.4	307.5	308.7	323.4	330.2	335.9	340.4
92.5°	213.3	233.8	254.2	271.2	279.2	281.4	293.9	301.9	306.4	310.9
95°	187.2	207.7	225.8	244.0	251.9	255.3	266.7	273.5	279.2	281.4
97.5°	164.5	182.7	199.7	217.9	224.7	228.1	239.4	247.4	251.9	254.2
100°	143.0	160.0	175.9	192.9	199.7	203.1	213.3	220.1	224.7	228.1
102.5°	123.7	139.6	154.3	170.2	177.0	179.3	188.4	195.2	199.7	203.1
105°	106.7	121.4	135.0	149.8	155.5	158.9	166.8	172.5	177.0	179.3
107.5°	90.8	105.5	116.9	130.5	136.2	138.4	146.4	153.2	156.6	157.7
110°	77.2	89.6	101.0	112.3	119.2	121.4	128.2	133.9	137.3	138.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	64.7	76.0	86.2	96.5	102.1	104.4	111.2	116.9	119.2	120.3
115°	53.3	64.7	72.6	82.8	87.4	89.6	95.3	101.0	102.1	104.4
117.5°	43.1	53.3	61.3	69.2	73.8	76.0	80.6	85.1	87.4	88.5
120°	35.2	43.1	49.9	57.9	61.3	63.5	68.1	72.6	73.8	74.9
122.5°	28.4	35.2	40.9	47.7	51.1	53.3	56.7	60.1	61.3	62.4
125°	21.6	28.4	32.9	38.6	42.0	43.1	46.5	49.9	51.1	52.2
127.5°	17.0	21.6	26.1	30.6	32.9	34.0	37.4	39.7	40.9	42.0
130°	12.5	15.9	19.3	23.8	26.1	27.2	29.5	31.8	32.9	32.9
132.5°	9.1	12.5	14.8	18.2	19.3	20.4	22.7	25.0	25.0	26.1
135°	5.7	7.9	10.2	12.5	14.8	14.8	17.0	18.2	19.3	19.3
137.5°	4.5	5.7	6.8	9.1	10.2	11.3	11.3	13.6	13.6	13.6
140°	3.4	4.5	4.5	5.7	6.8	7.9	7.9	9.1	9.1	9.1
142.5°	2.3	3.4	3.4	4.5	4.5	5.7	5.7	5.7	6.8	6.8
145°	2.3	2.3	2.3	3.4	3.4	3.4	3.4	4.5	4.5	4.5
147.5°	1.1	1.1	2.3	2.3	2.3	2.3	2.3	3.4	3.4	3.4
150°	1.1	1.1	1.1	1.1	1.1	2.3	2.3	2.3	2.3	2.3
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	0.0
177.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0
180°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3



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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	18.40	19.93	18.87	20.39	20.88	19.97	21.50	20.44	21.96	22.45
	3H	20.07	21.48	20.56	21.94	22.47	22.59	24.00	23.08	24.46	24.99
	4H	20.67	22.00	21.17	22.49	23.03	23.90	25.23	24.41	25.72	26.26
	6H	21.07	22.31	21.59	22.81	23.36	25.31	26.55	25.83	27.05	27.60
	8H	21.19	22.37	21.71	22.90	23.46	26.06	27.25	26.59	27.77	28.33
	12H	21.26	22.40	21.80	22.92	23.51	26.91	28.05	27.44	28.56	29.16
4H	2H	19.32	20.65	19.83	21.14	21.68	20.52	21.85	21.02	22.33	22.88
	3H	21.30	22.44	21.82	22.97	23.53	23.44	24.57	23.95	25.10	25.66
	4H	22.08	23.12	22.62	23.66	24.25	24.96	26.00	25.50	26.54	27.13
	6H	22.66	23.58	23.22	24.14	24.75	26.60	27.52	27.16	28.09	28.70
	8H	22.84	23.71	23.40	24.27	24.89	27.48	28.35	28.05	28.92	29.54
	12H	22.97	23.75	23.55	24.35	24.97	28.49	29.28	29.07	29.87	30.49
8H	4H	22.96	23.82	23.52	24.39	25.01	25.32	26.19	25.88	26.75	27.37
	6H	23.84	24.58	24.43	25.18	25.81	27.22	27.96	27.82	28.56	29.19
	8H	24.19	24.85	24.79	25.47	26.11	28.31	28.97	28.91	29.59	30.23
	12H	24.46	25.05	25.07	25.66	26.37	29.57	30.16	30.18	30.77	31.48
12H	4H	23.24	24.02	23.82	24.62	25.24	25.36	26.15	25.95	26.74	27.37
	6H	24.29	24.96	24.89	25.57	26.21	27.33	28.00	27.94	28.61	29.25
	8H	24.81	25.40	25.41	26.01	26.71	28.53	29.12	29.14	29.73	30.43