

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: P893738

Luminaire Tested: 4MB-6SL-FLTU-UNV-L835

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893738
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-6SL-FLTU-UNV-L835
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 350
Light Source: -
Ballast/Driver: -

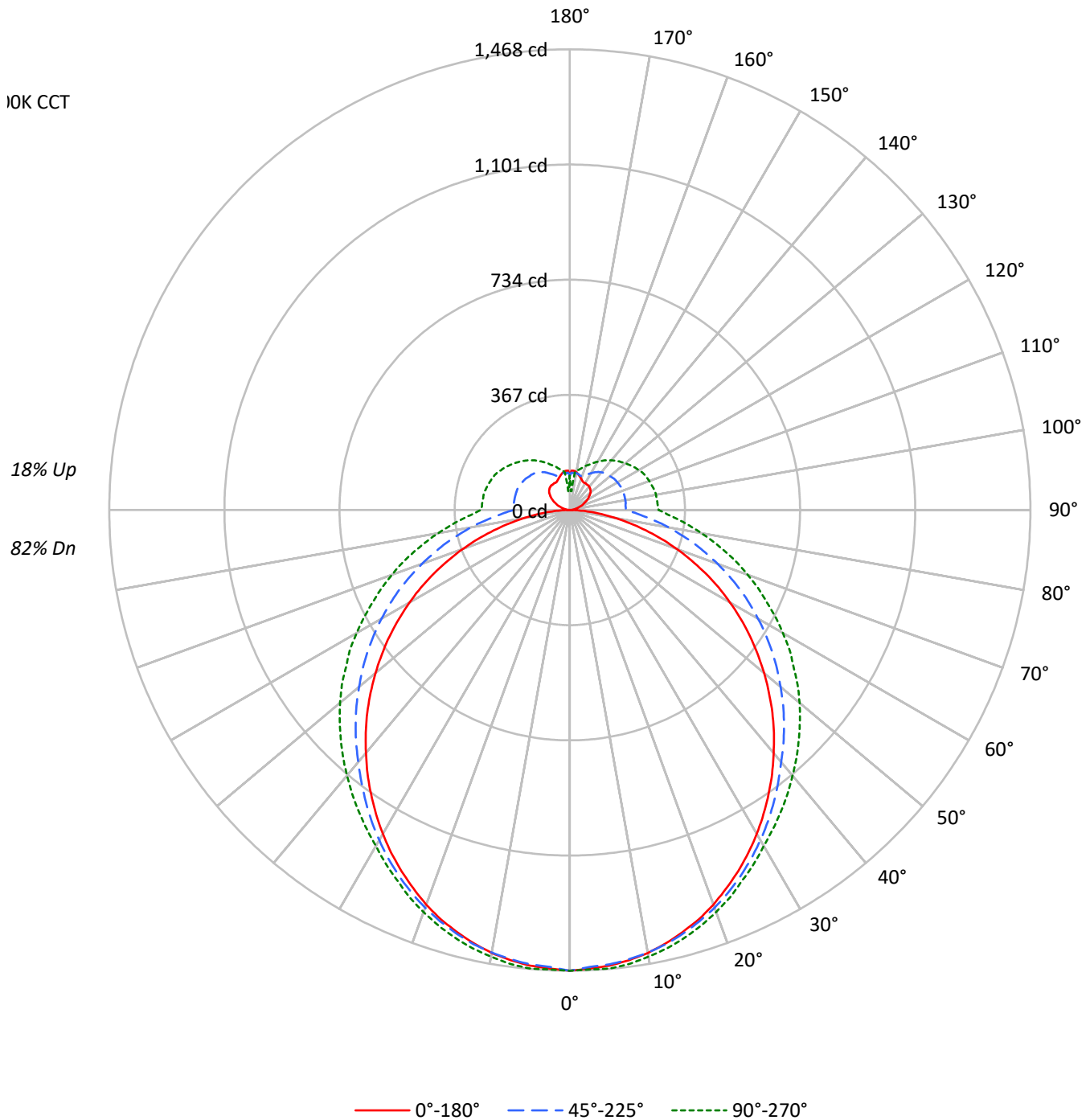
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5550.0 lumens
Efficiency: N/A
Efficacy: 125.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.26 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')
CIE Type: Semi-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			
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
RCR																				
0	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	82	
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	66	
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	54	
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	45	
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	38	
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	32	
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	28	
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	25	
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	22	
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	20	
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	18	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	10446	10446	10446
5°	10361	10008	9996
10°	10260	9625	9522
15°	10109	9239	9068
20°	9941	8845	8607
25°	9729	8435	8140
30°	9505	8015	7715
35°	9256	7594	7364
40°	8994	7180	7029
45°	8730	6819	6710
50°	8423	6445	6401
55°	8093	6078	6055
60°	7696	5684	5726
65°	7224	5270	5355
70°	6607	4815	5009
75°	5765	4350	4636
80°	4660	3853	4252
85°	3218	3348	3903

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8730 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.8	2.5
10°-20°	396.0	7.1
20°-30°	594.9	10.7
30°-40°	714.3	12.9
40°-50°	751.1	13.5
50°-60°	705.7	12.7
60°-70°	586.8	10.6
70°-80°	418.8	7.5
80°-90°	249.3	4.5
90°-100°	180.4	3.3
100°-110°	178.0	3.2
110°-120°	167.2	3.0
120°-130°	148.2	2.7
130°-140°	122.8	2.2
140°-150°	91.9	1.7
150°-160°	60.4	1.1
160°-170°	34.3	0.6
170°-180°	10.9	0.2
0°-30°	1129.7	20.4
0°-40°	1844.0	33.2
0°-60°	3300.9	59.5
0°-90°	4555.7	82.1
90°-120°	525.7	9.5
90°-150°	888.6	16.0
90°-180°	994.0	17.9
0°-180°	5550.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1468	1468	1468	1468	1468	
5°	1457	1475	1453	1457	1467	138
15°	1392	1413	1397	1406	1412	393
25°	1270	1294	1287	1299	1302	585
35°	1105	1130	1134	1162	1173	691
45°	913	938	965	1015	1032	704
55°	701	729	787	851	870	626
65°	477	516	598	673	692	472
75°	251	307	409	488	514	266
85°	63	138	240	320	347	69
90°	0	79	178	256	283	4
95°	7	83	178	253	280	8
105°	26	92	180	251	275	27
115°	50	101	178	240	264	50
125°	75	107	173	225	243	67
135°	92	113	164	205	220	71
145°	98	110	148	182	193	61
155°	99	111	125	154	164	46
165°	114	121	117	118	137	32
175°	126	125	118	101	60	12
180°	110	110	110	110	110	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1
2.5°	1462.7	1466.7	1468.1	1481.5	1476.1	1481.5	1472.1	1461.4	1458.7	1465.4	1457.3
5°	1457.3	1461.4	1462.7	1476.1	1470.8	1474.8	1466.7	1456.0	1453.3	1461.4	1453.3
7.5°	1446.6	1450.6	1452.0	1466.7	1460.0	1465.4	1456.0	1445.3	1443.9	1452.0	1443.9
10°	1433.2	1437.2	1438.6	1452.0	1446.6	1452.0	1442.6	1431.9	1430.5	1439.9	1431.9
12.5°	1414.4	1418.5	1421.1	1434.6	1427.8	1434.6	1423.8	1413.1	1414.4	1422.5	1417.1
15°	1391.6	1397.0	1398.4	1411.8	1406.4	1413.1	1402.4	1391.6	1394.3	1402.4	1397.0
17.5°	1367.5	1372.9	1374.2	1386.3	1380.9	1389.0	1376.9	1367.5	1370.2	1378.2	1374.2
20°	1338.0	1343.4	1346.1	1358.1	1352.8	1360.8	1348.7	1340.7	1343.4	1352.8	1348.7
22.5°	1304.5	1312.5	1313.9	1327.3	1320.6	1328.6	1316.6	1309.9	1313.9	1323.3	1319.3
25°	1269.6	1277.7	1279.0	1292.4	1287.1	1293.8	1281.7	1275.0	1280.4	1289.8	1287.1
27.5°	1232.1	1240.1	1242.8	1254.9	1249.5	1257.6	1244.2	1240.1	1245.5	1254.9	1252.2
30°	1191.9	1199.9	1201.3	1213.3	1209.3	1217.4	1205.3	1199.9	1208.0	1217.4	1214.7
32.5°	1149.0	1157.0	1161.0	1171.8	1167.8	1174.5	1163.7	1161.0	1167.8	1177.1	1175.8
35°	1104.7	1112.8	1116.8	1128.9	1123.5	1130.2	1119.5	1116.8	1127.5	1134.2	1134.2
37.5°	1059.2	1067.2	1071.2	1083.3	1076.6	1084.6	1073.9	1072.6	1084.6	1091.3	1091.3
40°	1010.9	1020.3	1024.3	1035.0	1029.7	1036.4	1027.0	1028.3	1039.0	1047.1	1048.4
42.5°	962.6	972.0	976.0	988.1	981.4	988.1	980.1	981.4	993.5	1001.5	1008.2
45°	913.0	921.1	925.1	938.5	930.4	938.5	930.4	933.1	945.2	957.3	965.3
47.5°	860.7	868.8	875.5	886.2	879.5	886.2	880.8	884.9	899.6	911.7	922.4
50°	808.4	816.5	823.2	832.6	825.9	835.3	828.6	833.9	852.7	864.8	876.8
52.5°	754.8	761.5	772.2	777.6	772.2	783.0	777.6	785.7	804.4	819.2	832.6
55°	701.2	707.9	718.6	722.6	717.3	729.3	725.3	736.0	756.2	772.2	787.0
57.5°	646.2	652.9	662.3	666.3	662.3	675.7	674.4	686.4	706.6	724.0	740.1
60°	589.9	596.6	604.7	608.7	608.7	622.1	622.1	636.8	658.3	674.4	693.1
62.5°	534.9	539.0	547.0	552.4	556.4	569.8	569.8	585.9	608.7	627.4	646.2
65°	477.3	481.3	488.0	494.7	501.4	516.2	517.5	534.9	557.7	576.5	598.0
67.5°	419.6	423.7	430.4	438.4	447.8	462.5	465.2	484.0	508.1	529.6	549.7
70°	363.3	364.7	372.7	383.4	394.2	408.9	412.9	433.0	458.5	480.0	501.4
72.5°	307.0	308.4	316.4	329.8	341.9	358.0	363.3	384.8	410.3	431.7	453.2
75°	250.7	252.1	262.8	278.9	292.3	307.0	313.7	336.5	362.0	384.8	408.9
77.5°	197.1	199.8	210.5	226.6	242.7	260.1	266.8	289.6	317.7	339.2	362.0
80°	147.5	150.2	162.2	179.7	197.1	213.2	221.2	244.0	273.5	295.0	320.4
82.5°	101.9	105.9	120.7	139.4	156.9	174.3	182.3	203.8	230.6	254.7	278.9
85°	63.0	68.4	83.1	103.2	122.0	138.1	146.1	168.9	194.4	217.2	240.0
87.5°	29.5	37.5	52.3	72.4	92.5	105.9	115.3	138.1	162.2	185.0	207.8
90°	0.0	12.1	26.8	46.9	67.0	79.1	89.8	111.3	135.4	156.9	178.3
92.5°	2.7	13.4	29.5	48.3	68.4	80.4	91.2	112.6	135.4	156.9	178.3
95°	6.7	14.7	30.8	50.9	71.1	83.1	92.5	114.0	136.8	158.2	178.3
97.5°	12.1	18.8	34.9	53.6	73.7	84.5	95.2	116.6	138.1	159.5	179.7
100°	16.1	21.5	37.5	56.3	76.4	87.1	97.9	118.0	139.4	160.9	179.7
102.5°	20.1	26.8	41.6	59.0	79.1	89.8	99.2	119.3	140.8	160.9	179.7
105°	25.5	30.8	44.2	63.0	81.8	92.5	101.9	122.0	142.1	162.2	179.7
107.5°	30.8	34.9	48.3	65.7	84.5	93.8	103.2	123.3	143.5	162.2	179.7
110°	37.5	40.2	52.3	68.4	85.8	96.5	105.9	124.7	143.5	162.2	179.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	44.2	44.2	56.3	71.1	88.5	97.9	107.3	126.0	144.8	162.2	179.7
115°	49.6	50.9	60.3	73.7	91.2	100.6	108.6	126.0	144.8	162.2	178.3
117.5°	56.3	56.3	65.7	76.4	92.5	101.9	111.3	127.4	144.8	160.9	177.0
120°	63.0	61.7	69.7	80.4	95.2	103.2	112.6	128.7	144.8	160.9	175.6
122.5°	69.7	67.0	72.4	83.1	96.5	105.9	112.6	128.7	144.8	159.5	174.3
125°	75.1	72.4	76.4	87.1	99.2	107.3	114.0	128.7	144.8	158.2	173.0
127.5°	80.4	77.8	81.8	89.8	100.6	107.3	115.3	128.7	144.8	156.9	170.3
130°	85.8	81.8	87.1	92.5	103.2	108.6	115.3	128.7	143.5	155.5	167.6
132.5°	89.8	85.8	91.2	95.2	104.6	109.9	116.6	128.7	142.1	154.2	166.2
135°	92.5	88.5	95.2	97.9	107.3	112.6	118.0	128.7	140.8	152.8	163.6
137.5°	95.2	89.8	97.9	100.6	108.6	114.0	118.0	127.4	139.4	150.2	160.9
140°	96.5	92.5	100.6	103.2	107.3	112.6	118.0	126.0	136.8	147.5	156.9
142.5°	97.9	92.5	101.9	104.6	107.3	111.3	116.6	123.3	134.1	143.5	152.8
145°	97.9	93.8	101.9	104.6	107.3	109.9	114.0	122.0	130.0	138.1	147.5
147.5°	97.9	95.2	103.2	105.9	108.6	108.6	111.3	119.3	126.0	134.1	142.1
150°	99.2	95.2	103.2	105.9	109.9	109.9	111.3	115.3	123.3	128.7	135.4
152.5°	97.9	96.5	101.9	107.3	109.9	111.3	111.3	112.6	119.3	124.7	130.0
155°	99.2	99.2	103.2	109.9	111.3	111.3	112.6	111.3	114.0	119.3	124.7
157.5°	101.9	104.6	104.6	111.3	114.0	114.0	115.3	114.0	112.6	114.0	119.3
160°	105.9	108.6	108.6	112.6	116.6	116.6	118.0	116.6	115.3	114.0	114.0
162.5°	109.9	112.6	112.6	114.0	118.0	119.3	120.7	119.3	118.0	115.3	114.0
165°	114.0	116.6	116.6	116.6	119.3	120.7	122.0	120.7	120.7	118.0	116.6
167.5°	118.0	120.7	120.7	119.3	120.7	122.0	123.3	122.0	122.0	120.7	118.0
170°	122.0	124.7	124.7	122.0	123.3	123.3	124.7	123.3	123.3	120.7	119.3
172.5°	124.7	127.4	126.0	124.7	124.7	124.7	124.7	123.3	122.0	119.3	119.3
175°	126.0	128.7	128.7	126.0	124.7	124.7	126.0	123.3	122.0	120.7	118.0
177.5°	126.0	128.7	128.7	126.0	126.0	124.7	126.0	124.7	124.7	122.0	119.3
180°	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1	1468.1
2.5°	1462.7	1461.4	1453.3	1462.7	1462.7	1460.0	1470.8	1469.4	1468.1	1465.4
5°	1457.3	1456.0	1448.0	1457.3	1457.3	1456.0	1466.7	1468.1	1469.4	1466.7
7.5°	1449.3	1448.0	1439.9	1449.3	1449.3	1448.0	1460.0	1461.4	1462.7	1458.7
10°	1437.2	1435.9	1427.8	1437.2	1438.6	1437.2	1446.6	1448.0	1450.6	1445.3
12.5°	1421.1	1421.1	1413.1	1422.5	1423.8	1422.5	1431.9	1434.6	1437.2	1430.5
15°	1401.0	1402.4	1395.7	1405.1	1406.4	1406.4	1415.8	1417.1	1421.1	1411.8
17.5°	1376.9	1379.6	1374.2	1383.6	1384.9	1386.3	1391.6	1395.7	1399.7	1389.0
20°	1351.4	1352.8	1348.7	1356.8	1359.5	1358.1	1364.8	1370.2	1374.2	1363.5
22.5°	1320.6	1321.9	1317.9	1326.0	1328.6	1330.0	1335.3	1342.0	1344.7	1335.3
25°	1285.7	1291.1	1288.4	1296.5	1299.1	1299.1	1304.5	1311.2	1315.2	1301.8
27.5°	1252.2	1258.9	1256.2	1264.3	1267.0	1268.3	1271.0	1279.0	1283.1	1271.0
30°	1214.7	1222.7	1221.4	1229.4	1232.1	1230.8	1236.1	1244.2	1249.5	1236.1
32.5°	1173.1	1183.8	1182.5	1193.2	1195.9	1197.2	1201.3	1212.0	1217.4	1205.3
35°	1132.9	1145.0	1146.3	1158.4	1162.4	1163.7	1169.1	1179.8	1185.2	1173.1
37.5°	1091.3	1107.4	1111.4	1123.5	1127.5	1128.9	1134.2	1146.3	1151.7	1139.6
40°	1051.1	1069.9	1075.2	1086.0	1090.0	1094.0	1098.0	1110.1	1116.8	1104.7
42.5°	1010.9	1031.0	1037.7	1048.4	1052.5	1056.5	1061.8	1075.2	1080.6	1069.9
45°	969.3	990.8	998.8	1009.5	1014.9	1018.9	1024.3	1036.4	1043.1	1032.3
47.5°	927.8	949.2	957.3	969.3	974.7	980.1	984.1	998.8	1005.5	994.8
50°	883.5	907.7	917.0	927.8	935.8	939.8	945.2	958.6	965.3	955.9
52.5°	839.3	864.8	875.5	886.2	894.2	901.0	903.6	918.4	925.1	915.7
55°	793.7	819.2	831.2	843.3	851.3	859.4	862.1	876.8	883.5	870.1
57.5°	748.1	774.9	787.0	800.4	807.1	816.5	820.5	833.9	840.6	831.2
60°	702.5	728.0	742.7	754.8	764.2	772.2	774.9	789.7	796.4	784.3
62.5°	655.6	682.4	697.2	710.6	718.6	728.0	732.0	745.4	750.8	738.7
65°	607.3	634.2	650.2	662.3	673.0	681.1	683.8	698.5	703.9	691.8
67.5°	559.1	585.9	603.3	616.7	626.1	635.5	638.2	652.9	658.3	648.9
70°	512.1	539.0	556.4	572.5	579.2	588.6	592.6	606.0	611.4	603.3
72.5°	465.2	492.0	510.8	526.9	533.6	543.0	548.3	559.1	567.1	560.4
75°	419.6	446.5	465.2	481.3	488.0	497.4	502.8	513.5	518.9	513.5
77.5°	375.4	402.2	419.6	435.7	443.8	451.8	457.2	467.9	474.6	469.2
80°	332.5	359.3	376.7	391.5	399.5	407.6	412.9	425.0	430.4	426.3
82.5°	292.3	317.7	336.5	351.3	359.3	367.4	372.7	383.4	390.1	384.8
85°	256.1	281.5	299.0	313.7	320.4	328.5	333.8	344.6	349.9	347.2
87.5°	221.2	244.0	264.1	278.9	285.6	293.6	300.3	308.4	315.1	311.0
90°	194.4	214.5	233.3	248.0	256.1	264.1	272.2	280.2	285.6	282.9
92.5°	195.7	214.5	231.9	245.3	253.4	261.4	269.5	278.9	282.9	280.2
95°	195.7	214.5	231.9	245.3	253.4	261.4	269.5	278.9	282.9	280.2
97.5°	195.7	214.5	231.9	245.3	253.4	261.4	269.5	278.9	282.9	278.9
100°	195.7	214.5	231.9	245.3	253.4	260.1	268.1	277.5	281.5	278.9
102.5°	195.7	214.5	230.6	244.0	252.1	258.8	266.8	276.2	280.2	277.5
105°	195.7	213.2	230.6	242.7	250.7	257.4	265.5	273.5	277.5	274.8
107.5°	194.4	211.8	227.9	241.3	248.0	254.7	262.8	270.8	274.8	272.2
110°	194.4	210.5	226.6	238.6	245.3	252.1	260.1	268.1	272.2	269.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	193.1	209.1	225.2	236.0	242.7	249.4	256.1	265.5	269.5	266.8
115°	191.7	207.8	222.6	233.3	240.0	245.3	253.4	262.8	265.5	264.1
117.5°	190.4	205.1	219.9	230.6	237.3	242.7	249.4	257.4	261.4	260.1
120°	189.0	202.4	217.2	226.6	233.3	238.6	244.0	252.1	256.1	253.4
122.5°	186.4	199.8	214.5	223.9	229.3	234.6	240.0	246.7	250.7	249.4
125°	183.7	197.1	210.5	219.9	225.2	229.3	234.6	241.3	244.0	242.7
127.5°	181.0	194.4	206.5	214.5	221.2	225.2	229.3	236.0	238.6	237.3
130°	178.3	190.4	202.4	210.5	215.9	219.9	223.9	230.6	231.9	231.9
132.5°	175.6	186.4	198.4	206.5	211.8	214.5	218.5	223.9	226.6	225.2
135°	173.0	182.3	194.4	201.1	205.1	209.1	213.2	218.5	219.9	219.9
137.5°	168.9	178.3	189.0	195.7	199.8	202.4	206.5	211.8	213.2	213.2
140°	164.9	174.3	183.7	189.0	194.4	197.1	199.8	205.1	206.5	206.5
142.5°	160.9	168.9	178.3	183.7	189.0	190.4	194.4	198.4	199.8	199.8
145°	155.5	164.9	173.0	178.3	182.3	183.7	187.7	191.7	191.7	193.1
147.5°	148.8	156.9	167.6	171.6	175.6	177.0	181.0	183.7	185.0	185.0
150°	142.1	150.2	159.5	166.2	170.3	171.6	173.0	177.0	177.0	178.3
152.5°	135.4	142.1	151.5	158.2	163.6	164.9	166.2	168.9	168.9	170.3
155°	128.7	134.1	142.1	148.8	154.2	156.9	159.5	162.2	162.2	163.6
157.5°	123.3	128.7	135.4	140.8	144.8	148.8	152.8	155.5	155.5	155.5
160°	116.6	120.7	127.4	131.4	136.8	139.4	146.1	148.8	148.8	150.2
162.5°	112.6	114.0	118.0	122.0	126.0	128.7	135.4	142.1	142.1	143.5
165°	114.0	112.6	114.0	115.3	118.0	119.3	123.3	132.7	135.4	136.8
167.5°	116.6	112.6	112.6	112.6	115.3	115.3	119.3	124.7	134.1	131.4
170°	116.6	112.6	109.9	109.9	111.3	109.9	112.6	116.6	122.0	127.4
172.5°	118.0	114.0	109.9	104.6	105.9	104.6	101.9	101.9	103.2	120.7
175°	116.6	114.0	108.6	101.9	100.6	96.5	88.5	81.8	77.8	60.3
177.5°	115.3	111.3	107.3	101.9	99.2	95.2	85.8	75.1	64.4	61.7
180°	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9	109.9



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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	15.83	17.15	16.45	17.79	18.51	18.39	19.71	19.00	20.34	21.06
	3H	17.24	18.44	17.87	19.08	19.84	20.81	22.01	21.44	22.66	23.41
	4H	17.67	18.81	18.32	19.46	20.23	21.95	23.09	22.60	23.75	24.52
	6H	17.91	18.96	18.57	19.63	20.41	23.09	24.15	23.75	24.81	25.60
	8H	17.95	18.96	18.62	19.65	20.44	23.65	24.66	24.32	25.35	26.14
	12H	17.96	18.93	18.64	19.61	20.43	24.23	25.20	24.91	25.88	26.70
4H	2H	16.72	17.86	17.37	18.52	19.29	18.73	19.87	19.38	20.53	21.30
	3H	18.35	19.31	19.01	20.01	20.80	21.37	22.33	22.03	23.02	23.81
	4H	18.90	19.79	19.58	20.49	21.30	22.66	23.54	23.34	24.24	25.06
	6H	19.24	20.02	19.94	20.74	21.57	23.97	24.75	24.67	25.47	26.29
	8H	19.32	20.05	20.02	20.77	21.61	24.63	25.36	25.33	26.08	26.92
	12H	19.35	20.01	20.07	20.76	21.60	25.33	25.99	26.05	26.73	27.58
8H	4H	19.55	20.28	20.26	21.00	21.84	22.81	23.54	23.51	24.26	25.10
	6H	20.06	20.67	20.79	21.43	22.28	24.26	24.88	25.00	25.64	26.48
	8H	20.21	20.77	20.96	21.53	22.39	25.04	25.60	25.79	26.36	27.22
	12H	20.30	20.80	21.05	21.55	22.47	25.91	26.40	26.65	27.15	28.07
12H	4H	19.72	20.38	20.44	21.12	21.97	22.80	23.46	23.52	24.21	25.05
	6H	20.31	20.87	21.06	21.63	22.49	24.28	24.84	25.03	25.60	26.46
	8H	20.55	21.04	21.30	21.80	22.71	25.11	25.61	25.86	26.36	27.28