

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: P893743

Luminaire Tested: 4MB-6SL-FLTU-UNV-L940

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893743
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-L940
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 400
Light Source: -
Ballast/Driver: -

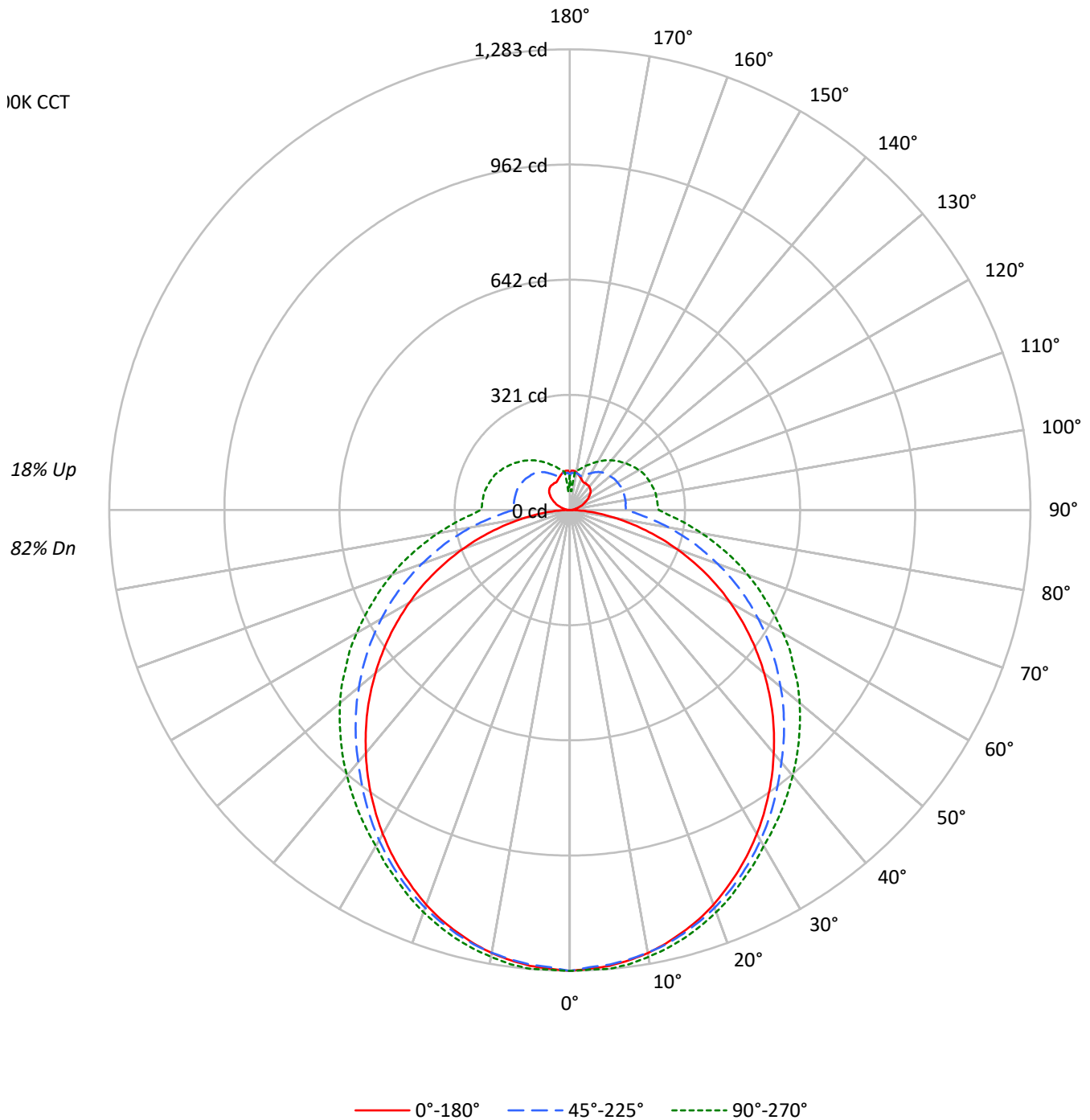
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4852.0 lumens
Efficiency: N/A
Efficacy: 109.3 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	0
RCR																					
0	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	86	86	82
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	69	69	66
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	57	57	54
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	48	48	45
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	41	41	38
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	35	35	32
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	31	31	28
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	27	27	25
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	24	24	22
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	22	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	20	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	9131	9131	9131
5°	9058	8749	8739
10°	8970	8414	8324
15°	8837	8077	7927
20°	8691	7733	7525
25°	8506	7374	7116
30°	8310	7007	6745
35°	8092	6639	6438
40°	7863	6277	6145
45°	7632	5961	5867
50°	7364	5634	5596
55°	7075	5313	5294
60°	6728	4970	5006
65°	6316	4607	4681
70°	5776	4210	4379
75°	5041	3803	4053
80°	4072	3368	3718
85°	2814	2927	3412

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7632 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	2.5
10°-20°	346.2	7.1
20°-30°	520.1	10.7
30°-40°	624.5	12.9
40°-50°	656.7	13.5
50°-60°	617.0	12.7
60°-70°	513.0	10.6
70°-80°	366.1	7.5
80°-90°	217.9	4.5
90°-100°	157.8	3.3
100°-110°	155.6	3.2
110°-120°	146.2	3.0
120°-130°	129.5	2.7
130°-140°	107.4	2.2
140°-150°	80.4	1.7
150°-160°	52.8	1.1
160°-170°	30.0	0.6
170°-180°	9.6	0.2
0°-30°	987.6	20.4
0°-40°	1612.1	33.2
0°-60°	2885.7	59.5
0°-90°	3982.8	82.1
90°-120°	459.6	9.5
90°-150°	776.9	16.0
90°-180°	869.0	17.9
0°-180°	4852.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1283	1283	1283	1283	1283	
5°	1274	1289	1270	1274	1282	121
15°	1217	1235	1221	1230	1234	343
25°	1110	1131	1125	1136	1138	511
35°	966	988	992	1016	1026	604
45°	798	820	844	887	902	615
55°	613	638	688	744	761	548
65°	417	451	523	588	605	413
75°	219	268	358	427	449	233
85°	55	121	210	280	304	60
90°	0	69	156	224	247	4
95°	6	73	156	222	245	7
105°	22	81	157	219	240	24
115°	43	88	156	210	231	43
125°	66	94	151	197	212	59
135°	81	98	143	179	192	62
145°	86	96	129	159	169	54
155°	87	97	109	135	143	41
165°	100	106	102	103	120	28
175°	110	109	103	88	53	10
180°	96	96	96	96	96	



TEST NUMBER: P893743
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4
2.5°	1278.7	1282.3	1283.4	1295.2	1290.5	1295.2	1287.0	1277.6	1275.2	1281.1	1274.1
5°	1274.1	1277.6	1278.7	1290.5	1285.8	1289.3	1282.3	1272.9	1270.5	1277.6	1270.5
7.5°	1264.7	1268.2	1269.4	1282.3	1276.4	1281.1	1272.9	1263.5	1262.3	1269.4	1262.3
10°	1253.0	1256.5	1257.7	1269.4	1264.7	1269.4	1261.2	1251.8	1250.6	1258.8	1251.8
12.5°	1236.6	1240.1	1242.4	1254.1	1248.3	1254.1	1244.8	1235.4	1236.6	1243.6	1238.9
15°	1216.6	1221.3	1222.5	1234.2	1229.5	1235.4	1226.0	1216.6	1219.0	1226.0	1221.3
17.5°	1195.5	1200.2	1201.4	1211.9	1207.3	1214.3	1203.7	1195.5	1197.9	1204.9	1201.4
20°	1169.7	1174.4	1176.8	1187.3	1182.6	1189.7	1179.1	1172.1	1174.4	1182.6	1179.1
22.5°	1140.4	1147.5	1148.6	1160.4	1154.5	1161.5	1151.0	1145.1	1148.6	1156.9	1153.3
25°	1110.0	1117.0	1118.2	1129.9	1125.2	1131.1	1120.5	1114.7	1119.3	1127.5	1125.2
27.5°	1077.1	1084.2	1086.5	1097.1	1092.4	1099.4	1087.7	1084.2	1088.9	1097.1	1094.7
30°	1042.0	1049.0	1050.2	1060.7	1057.2	1064.3	1053.7	1049.0	1056.1	1064.3	1061.9
32.5°	1004.5	1011.5	1015.0	1024.4	1020.9	1026.7	1017.4	1015.0	1020.9	1029.1	1027.9
35°	965.8	972.8	976.3	986.9	982.2	988.1	978.7	976.3	985.7	991.6	991.6
37.5°	925.9	933.0	936.5	947.0	941.2	948.2	938.8	937.7	948.2	954.1	954.1
40°	883.8	892.0	895.5	904.9	900.2	906.0	897.8	899.0	908.4	915.4	916.6
42.5°	841.6	849.8	853.3	863.8	858.0	863.8	856.8	858.0	868.5	875.5	881.4
45°	798.2	805.2	808.7	820.5	813.4	820.5	813.4	815.8	826.3	836.9	843.9
47.5°	752.5	759.5	765.4	774.8	768.9	774.8	770.1	773.6	786.5	797.0	806.4
50°	706.8	713.8	719.7	727.9	722.0	730.2	724.4	729.0	745.4	756.0	766.5
52.5°	659.9	665.7	675.1	679.8	675.1	684.5	679.8	686.8	703.3	716.1	727.9
55°	613.0	618.9	628.2	631.8	627.1	637.6	634.1	643.5	661.1	675.1	688.0
57.5°	564.9	570.8	579.0	582.5	579.0	590.7	589.6	600.1	617.7	632.9	647.0
60°	515.7	521.6	528.6	532.1	532.1	543.8	543.8	556.7	575.5	589.6	606.0
62.5°	467.7	471.2	478.2	482.9	486.4	498.1	498.1	512.2	532.1	548.5	564.9
65°	417.3	420.8	426.6	432.5	438.4	451.3	452.4	467.7	487.6	504.0	522.8
67.5°	366.9	370.4	376.2	383.3	391.5	404.4	406.7	423.1	444.2	463.0	480.6
70°	317.6	318.8	325.8	335.2	344.6	357.5	361.0	378.6	400.9	419.6	438.4
72.5°	268.4	269.6	276.6	288.3	298.9	312.9	317.6	336.4	358.7	377.4	396.2
75°	219.2	220.4	229.7	243.8	255.5	268.4	274.3	294.2	316.5	336.4	357.5
77.5°	172.3	174.6	184.0	198.1	212.1	227.4	233.2	253.2	277.8	296.5	316.5
80°	128.9	131.3	141.8	157.1	172.3	186.4	193.4	213.3	239.1	257.9	280.1
82.5°	89.1	92.6	105.5	121.9	137.1	152.4	159.4	178.2	201.6	222.7	243.8
85°	55.1	59.8	72.7	90.3	106.7	120.7	127.8	147.7	170.0	189.9	209.8
87.5°	25.8	32.8	45.7	63.3	80.9	92.6	100.8	120.7	141.8	161.7	181.7
90°	0.0	10.5	23.4	41.0	58.6	69.2	78.5	97.3	118.4	137.1	155.9
92.5°	2.3	11.7	25.8	42.2	59.8	70.3	79.7	98.5	118.4	137.1	155.9
95°	5.9	12.9	27.0	44.5	62.1	72.7	80.9	99.6	119.6	138.3	155.9
97.5°	10.5	16.4	30.5	46.9	64.5	73.8	83.2	102.0	120.7	139.5	157.1
100°	14.1	18.8	32.8	49.2	66.8	76.2	85.6	103.1	121.9	140.7	157.1
102.5°	17.6	23.4	36.3	51.6	69.2	78.5	86.7	104.3	123.1	140.7	157.1
105°	22.3	27.0	38.7	55.1	71.5	80.9	89.1	106.7	124.2	141.8	157.1
107.5°	27.0	30.5	42.2	57.4	73.8	82.0	90.3	107.8	125.4	141.8	157.1
110°	32.8	35.2	45.7	59.8	75.0	84.4	92.6	109.0	125.4	141.8	157.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	38.7	38.7	49.2	62.1	77.4	85.6	93.8	110.2	126.6	141.8	157.1
115°	43.4	44.5	52.7	64.5	79.7	87.9	94.9	110.2	126.6	141.8	155.9
117.5°	49.2	49.2	57.4	66.8	80.9	89.1	97.3	111.3	126.6	140.7	154.7
120°	55.1	53.9	60.9	70.3	83.2	90.3	98.5	112.5	126.6	140.7	153.5
122.5°	60.9	58.6	63.3	72.7	84.4	92.6	98.5	112.5	126.6	139.5	152.4
125°	65.6	63.3	66.8	76.2	86.7	93.8	99.6	112.5	126.6	138.3	151.2
127.5°	70.3	68.0	71.5	78.5	87.9	93.8	100.8	112.5	126.6	137.1	148.9
130°	75.0	71.5	76.2	80.9	90.3	94.9	100.8	112.5	125.4	136.0	146.5
132.5°	78.5	75.0	79.7	83.2	91.4	96.1	102.0	112.5	124.2	134.8	145.3
135°	80.9	77.4	83.2	85.6	93.8	98.5	103.1	112.5	123.1	133.6	143.0
137.5°	83.2	78.5	85.6	87.9	94.9	99.6	103.1	111.3	121.9	131.3	140.7
140°	84.4	80.9	87.9	90.3	93.8	98.5	103.1	110.2	119.6	128.9	137.1
142.5°	85.6	80.9	89.1	91.4	93.8	97.3	102.0	107.8	117.2	125.4	133.6
145°	85.6	82.0	89.1	91.4	93.8	96.1	99.6	106.7	113.7	120.7	128.9
147.5°	85.6	83.2	90.3	92.6	94.9	94.9	97.3	104.3	110.2	117.2	124.2
150°	86.7	83.2	90.3	92.6	96.1	96.1	97.3	100.8	107.8	112.5	118.4
152.5°	85.6	84.4	89.1	93.8	96.1	97.3	97.3	98.5	104.3	109.0	113.7
155°	86.7	86.7	90.3	96.1	97.3	97.3	98.5	97.3	99.6	104.3	109.0
157.5°	89.1	91.4	91.4	97.3	99.6	99.6	100.8	99.6	98.5	99.6	104.3
160°	92.6	94.9	94.9	98.5	102.0	102.0	103.1	102.0	100.8	99.6	99.6
162.5°	96.1	98.5	98.5	99.6	103.1	104.3	105.5	104.3	103.1	100.8	99.6
165°	99.6	102.0	102.0	102.0	104.3	105.5	106.7	105.5	105.5	103.1	102.0
167.5°	103.1	105.5	105.5	104.3	105.5	106.7	107.8	106.7	106.7	105.5	103.1
170°	106.7	109.0	109.0	106.7	107.8	107.8	109.0	107.8	107.8	105.5	104.3
172.5°	109.0	111.3	110.2	109.0	109.0	109.0	109.0	107.8	106.7	104.3	104.3
175°	110.2	112.5	112.5	110.2	109.0	109.0	110.2	107.8	106.7	105.5	103.1
177.5°	110.2	112.5	112.5	110.2	110.2	109.0	110.2	109.0	109.0	106.7	104.3
180°	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4	1283.4
2.5°	1278.7	1277.6	1270.5	1278.7	1278.7	1276.4	1285.8	1284.6	1283.4	1281.1
5°	1274.1	1272.9	1265.9	1274.1	1274.1	1272.9	1282.3	1283.4	1284.6	1282.3
7.5°	1267.0	1265.9	1258.8	1267.0	1267.0	1265.9	1276.4	1277.6	1278.7	1275.2
10°	1256.5	1255.3	1248.3	1256.5	1257.7	1256.5	1264.7	1265.9	1268.2	1263.5
12.5°	1242.4	1242.4	1235.4	1243.6	1244.8	1243.6	1251.8	1254.1	1256.5	1250.6
15°	1224.8	1226.0	1220.1	1228.3	1229.5	1229.5	1237.7	1238.9	1242.4	1234.2
17.5°	1203.7	1206.1	1201.4	1209.6	1210.8	1211.9	1216.6	1220.1	1223.7	1214.3
20°	1181.5	1182.6	1179.1	1186.2	1188.5	1187.3	1193.2	1197.9	1201.4	1192.0
22.5°	1154.5	1155.7	1152.2	1159.2	1161.5	1162.7	1167.4	1173.3	1175.6	1167.4
25°	1124.0	1128.7	1126.4	1133.4	1135.8	1135.8	1140.4	1146.3	1149.8	1138.1
27.5°	1094.7	1100.6	1098.2	1105.3	1107.6	1108.8	1111.1	1118.2	1121.7	1111.1
30°	1061.9	1068.9	1067.8	1074.8	1077.1	1076.0	1080.7	1087.7	1092.4	1080.7
32.5°	1025.6	1035.0	1033.8	1043.2	1045.5	1046.7	1050.2	1059.6	1064.3	1053.7
35°	990.4	1001.0	1002.1	1012.7	1016.2	1017.4	1022.1	1031.4	1036.1	1025.6
37.5°	954.1	968.1	971.7	982.2	985.7	986.9	991.6	1002.1	1006.8	996.3
40°	918.9	935.3	940.0	949.4	952.9	956.4	959.9	970.5	976.3	965.8
42.5°	883.8	901.3	907.2	916.6	920.1	923.6	928.3	940.0	944.7	935.3
45°	847.4	866.2	873.2	882.6	887.3	890.8	895.5	906.0	911.9	902.5
47.5°	811.1	829.8	836.9	847.4	852.1	856.8	860.3	873.2	879.1	869.7
50°	772.4	793.5	801.7	811.1	818.1	821.6	826.3	838.0	843.9	835.7
52.5°	733.7	756.0	765.4	774.8	781.8	787.6	790.0	802.9	808.7	800.5
55°	693.9	716.1	726.7	737.2	744.3	751.3	753.7	766.5	772.4	760.7
57.5°	654.0	677.5	688.0	699.7	705.6	713.8	717.3	729.0	734.9	726.7
60°	614.2	636.4	649.3	659.9	668.1	675.1	677.5	690.4	696.2	685.7
62.5°	573.2	596.6	609.5	621.2	628.2	636.4	640.0	651.7	656.4	645.8
65°	531.0	554.4	568.5	579.0	588.4	595.4	597.8	610.7	615.3	604.8
67.5°	488.8	512.2	527.4	539.2	547.4	555.6	557.9	570.8	575.5	567.3
70°	447.7	471.2	486.4	500.5	506.3	514.5	518.1	529.8	534.5	527.4
72.5°	406.7	430.2	446.6	460.6	466.5	474.7	479.4	488.8	495.8	489.9
75°	366.9	390.3	406.7	420.8	426.6	434.8	439.5	448.9	453.6	448.9
77.5°	328.2	351.6	366.9	380.9	388.0	395.0	399.7	409.1	414.9	410.2
80°	290.7	314.1	329.4	342.2	349.3	356.3	361.0	371.6	376.2	372.7
82.5°	255.5	277.8	294.2	307.1	314.1	321.2	325.8	335.2	341.1	336.4
85°	223.9	246.1	261.4	274.3	280.1	287.2	291.8	301.2	305.9	303.6
87.5°	193.4	213.3	230.9	243.8	249.7	256.7	262.5	269.6	275.4	271.9
90°	170.0	187.5	203.9	216.8	223.9	230.9	237.9	245.0	249.7	247.3
92.5°	171.1	187.5	202.8	214.5	221.5	228.6	235.6	243.8	247.3	245.0
95°	171.1	187.5	202.8	214.5	221.5	228.6	235.6	243.8	247.3	245.0
97.5°	171.1	187.5	202.8	214.5	221.5	228.6	235.6	243.8	247.3	243.8
100°	171.1	187.5	202.8	214.5	221.5	227.4	234.4	242.6	246.1	243.8
102.5°	171.1	187.5	201.6	213.3	220.4	226.2	233.2	241.5	245.0	242.6
105°	171.1	186.4	201.6	212.1	219.2	225.0	232.1	239.1	242.6	240.3
107.5°	170.0	185.2	199.3	211.0	216.8	222.7	229.7	236.8	240.3	237.9
110°	170.0	184.0	198.1	208.6	214.5	220.4	227.4	234.4	237.9	235.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	168.8	182.8	196.9	206.3	212.1	218.0	223.9	232.1	235.6	233.2
115°	167.6	181.7	194.6	203.9	209.8	214.5	221.5	229.7	232.1	230.9
117.5°	166.4	179.3	192.2	201.6	207.5	212.1	218.0	225.0	228.6	227.4
120°	165.3	177.0	189.9	198.1	203.9	208.6	213.3	220.4	223.9	221.5
122.5°	162.9	174.6	187.5	195.7	200.4	205.1	209.8	215.7	219.2	218.0
125°	160.6	172.3	184.0	192.2	196.9	200.4	205.1	211.0	213.3	212.1
127.5°	158.2	170.0	180.5	187.5	193.4	196.9	200.4	206.3	208.6	207.5
130°	155.9	166.4	177.0	184.0	188.7	192.2	195.7	201.6	202.8	202.8
132.5°	153.5	162.9	173.5	180.5	185.2	187.5	191.1	195.7	198.1	196.9
135°	151.2	159.4	170.0	175.8	179.3	182.8	186.4	191.1	192.2	192.2
137.5°	147.7	155.9	165.3	171.1	174.6	177.0	180.5	185.2	186.4	186.4
140°	144.2	152.4	160.6	165.3	170.0	172.3	174.6	179.3	180.5	180.5
142.5°	140.7	147.7	155.9	160.6	165.3	166.4	170.0	173.5	174.6	174.6
145°	136.0	144.2	151.2	155.9	159.4	160.6	164.1	167.6	167.6	168.8
147.5°	130.1	137.1	146.5	150.0	153.5	154.7	158.2	160.6	161.7	161.7
150°	124.2	131.3	139.5	145.3	148.9	150.0	151.2	154.7	154.7	155.9
152.5°	118.4	124.2	132.4	138.3	143.0	144.2	145.3	147.7	147.7	148.9
155°	112.5	117.2	124.2	130.1	134.8	137.1	139.5	141.8	141.8	143.0
157.5°	107.8	112.5	118.4	123.1	126.6	130.1	133.6	136.0	136.0	136.0
160°	102.0	105.5	111.3	114.9	119.6	121.9	127.8	130.1	130.1	131.3
162.5°	98.5	99.6	103.1	106.7	110.2	112.5	118.4	124.2	124.2	125.4
165°	99.6	98.5	99.6	100.8	103.1	104.3	107.8	116.0	118.4	119.6
167.5°	102.0	98.5	98.5	98.5	100.8	100.8	104.3	109.0	117.2	114.9
170°	102.0	98.5	96.1	96.1	97.3	96.1	98.5	102.0	106.7	111.3
172.5°	103.1	99.6	96.1	91.4	92.6	91.4	89.1	89.1	90.3	105.5
175°	102.0	99.6	94.9	89.1	87.9	84.4	77.4	71.5	68.0	52.7
177.5°	100.8	97.3	93.8	89.1	86.7	83.2	75.0	65.6	56.3	53.9
180°	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1



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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	15.37	16.69	15.98	17.32	18.04	17.92	19.24	18.53	19.87	20.59
	3H	16.77	17.97	17.40	18.61	19.37	20.35	21.55	20.98	22.19	22.95
	4H	17.20	18.34	17.85	18.99	19.76	21.49	22.63	22.14	23.28	24.05
	6H	17.44	18.50	18.10	19.16	19.95	22.62	23.68	23.29	24.35	25.13
	8H	17.48	18.49	18.15	19.18	19.97	23.18	24.20	23.86	24.88	25.67
	12H	17.49	18.46	18.17	19.14	19.96	23.77	24.73	24.45	25.42	26.23
4H	2H	16.26	17.39	16.91	18.05	18.82	18.27	19.41	18.92	20.06	20.83
	3H	17.88	18.85	18.54	19.54	20.33	20.90	21.87	21.56	22.56	23.35
	4H	18.44	19.32	19.12	20.02	20.84	22.19	23.07	22.87	23.77	24.59
	6H	18.78	19.55	19.47	20.27	21.10	23.50	24.28	24.20	25.00	25.83
	8H	18.85	19.58	19.55	20.30	21.14	24.16	24.89	24.86	25.61	26.45
	12H	18.88	19.55	19.61	20.29	21.13	24.86	25.52	25.58	26.27	27.11
8H	4H	19.09	19.82	19.79	20.54	21.38	22.34	23.07	23.04	23.79	24.63
	6H	19.59	20.21	20.32	20.97	21.81	23.80	24.41	24.53	25.17	26.02
	8H	19.74	20.30	20.49	21.06	21.92	24.58	25.13	25.32	25.89	26.75
	12H	19.84	20.33	20.58	21.08	22.00	25.44	25.93	26.19	26.68	27.60
12H	4H	19.25	19.91	19.97	20.66	21.50	22.33	23.00	23.06	23.74	24.59
	6H	19.85	20.40	20.59	21.17	22.02	23.81	24.37	24.56	25.13	25.99
	8H	20.08	20.58	20.83	21.33	22.24	24.65	25.14	25.39	25.89	26.81