

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: P893791

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893791
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-6SL-RNDU-UNV-L940
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 4
Light Source: -
Ballast/Driver: -

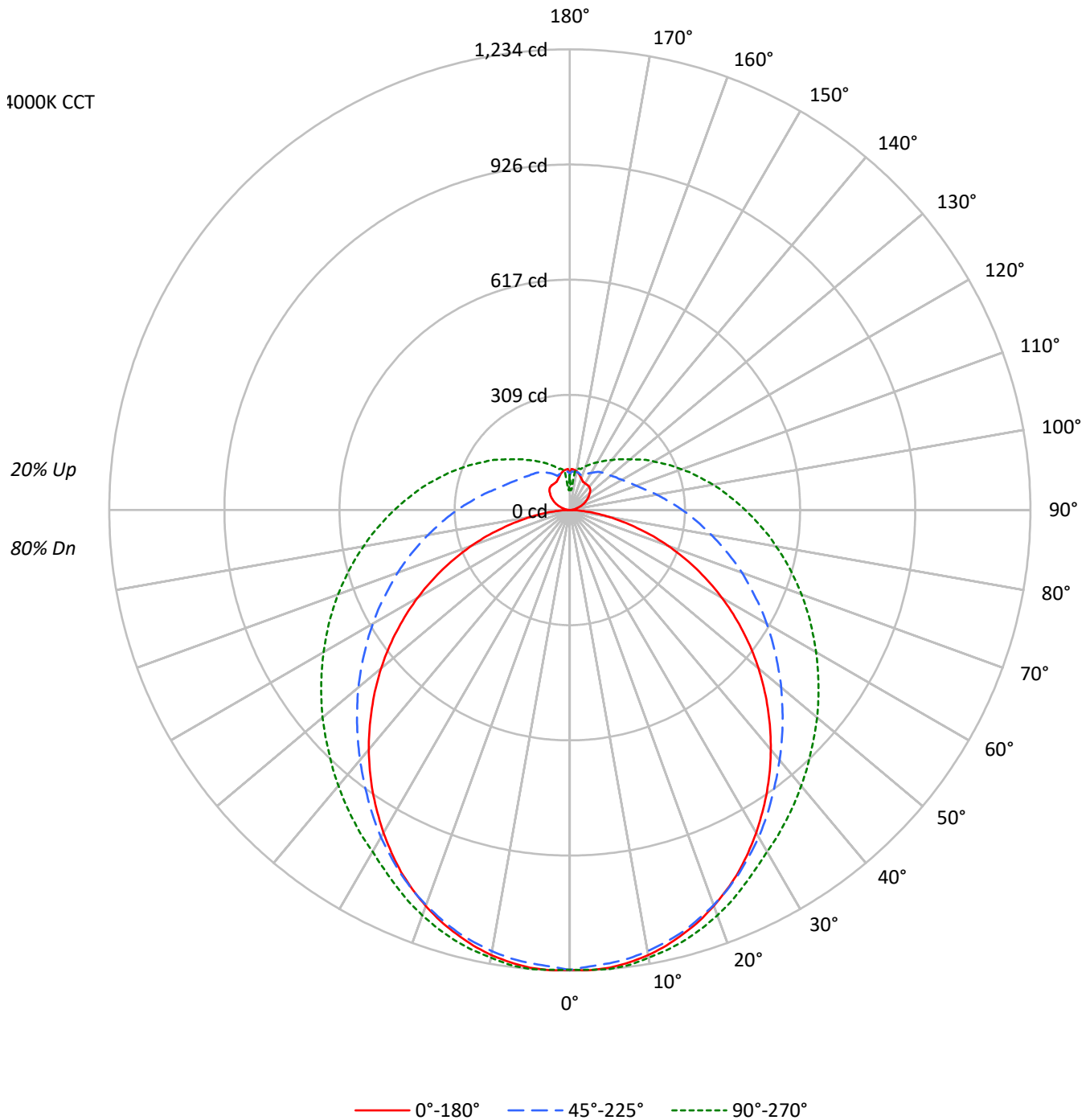
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5180.0 lumens
Efficiency: N/A
Efficacy: 116.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	83	83	83	80
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	65	65	65	61
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	53	53	49
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	44	44	41
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	37	37	34
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	32	32	29
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	28	28	26
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	25	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	22	22	20
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20	20	20	20	18
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8763	8763	8763
5°	8748	8393	8410
10°	8666	8065	8021
15°	8537	7734	7662
20°	8384	7385	7294
25°	8198	7034	6924
30°	7962	6680	6597
35°	7717	6316	6355
40°	7454	5987	6136
45°	7170	5695	5941
50°	6873	5435	5791
55°	6533	5194	5659
60°	6146	4997	5561
65°	5676	4823	5506
70°	5094	4715	5487
75°	4312	4637	5512
80°	3368	4636	5599
85°	2155	4757	5782

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7170 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.5	2.2
10°-20°	332.2	6.4
20°-30°	498.8	9.6
30°-40°	599.8	11.6
40°-50°	635.5	12.3
50°-60°	612.0	11.8
60°-70°	541.7	10.5
70°-80°	444.3	8.6
80°-90°	344.7	6.7
90°-100°	267.6	5.2
100°-110°	212.0	4.1
110°-120°	168.9	3.3
120°-130°	134.2	2.6
130°-140°	104.8	2.0
140°-150°	77.1	1.5
150°-160°	51.0	1.0
160°-170°	29.3	0.6
170°-180°	9.4	0.2
0°-30°	947.6	18.3
0°-40°	1547.4	29.9
0°-60°	2795.0	54.0
0°-90°	4125.7	79.6
90°-120°	648.5	12.5
90°-150°	964.5	18.6
90°-180°	1054.0	20.3
0°-180°	5180.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1232	1232	1232	1232	1232	
5°	1230	1232	1219	1228	1234	117
15°	1175	1176	1169	1187	1193	331
25°	1070	1073	1073	1100	1107	492
35°	921	933	943	992	1012	576
45°	750	768	806	882	914	579
55°	566	594	673	772	813	506
65°	375	426	547	662	711	371
75°	188	281	436	559	610	200
85°	42	170	341	465	514	48
90°	1	134	301	422	470	3
95°	6	110	266	381	428	6
105°	21	89	210	312	353	23
115°	42	86	175	254	288	41
125°	61	89	152	210	236	54
135°	77	95	137	176	192	59
145°	82	94	124	151	160	51
155°	83	97	107	129	136	39
165°	98	104	101	101	114	28
175°	109	108	103	86	57	10
180°	95	95	95	95	95	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6
2.5°	1233.9	1232.7	1235.1	1237.4	1244.4	1235.1	1239.8	1226.9	1228.0	1229.2	1223.4
5°	1230.4	1226.9	1230.4	1232.7	1238.6	1231.6	1236.2	1222.2	1223.4	1225.7	1218.7
7.5°	1222.2	1218.7	1221.0	1223.4	1229.2	1222.2	1228.0	1214.0	1216.3	1217.5	1211.6
10°	1210.5	1205.8	1208.1	1211.6	1216.3	1210.5	1215.1	1202.3	1203.4	1205.8	1199.9
12.5°	1195.2	1190.5	1192.9	1195.2	1201.1	1195.2	1199.9	1187.0	1189.4	1191.7	1185.9
15°	1175.3	1170.6	1173.0	1175.3	1180.0	1176.5	1181.2	1168.3	1170.6	1175.3	1169.4
17.5°	1154.2	1147.2	1149.5	1153.0	1157.7	1155.4	1158.9	1148.4	1149.5	1154.2	1148.4
20°	1128.4	1121.4	1123.7	1127.3	1132.0	1130.8	1133.1	1123.7	1126.1	1132.0	1126.1
22.5°	1100.3	1093.3	1095.6	1100.3	1103.8	1103.8	1105.0	1098.0	1100.3	1106.2	1101.5
25°	1069.8	1062.8	1065.2	1069.8	1073.4	1073.4	1075.7	1068.7	1072.2	1078.0	1073.4
27.5°	1034.7	1031.2	1031.2	1035.9	1038.2	1040.6	1041.7	1035.9	1040.6	1046.4	1042.9
30°	998.4	993.7	996.0	1001.9	1001.9	1006.6	1006.6	1001.9	1007.7	1014.8	1012.4
32.5°	959.7	956.2	957.4	964.4	964.4	970.2	969.1	966.7	972.6	980.8	978.4
35°	921.0	917.5	918.7	925.7	925.7	932.7	930.4	930.4	936.3	945.6	943.3
37.5°	880.0	877.7	878.8	885.9	885.9	892.9	890.6	891.7	898.8	909.3	908.1
40°	837.8	835.5	837.8	843.7	846.0	851.9	849.5	851.9	861.3	870.6	874.2
42.5°	794.5	793.3	795.6	801.5	803.8	809.7	808.5	812.1	821.4	835.5	840.2
45°	749.9	749.9	752.3	758.1	760.5	767.5	766.4	771.0	782.8	798.0	806.2
47.5°	705.4	706.6	707.8	714.8	714.8	726.5	723.0	730.0	745.3	762.8	772.2
50°	659.7	662.1	663.2	669.1	671.4	682.0	679.6	691.4	707.8	726.5	739.4
52.5°	614.0	616.4	618.7	623.4	625.7	638.6	636.3	651.5	671.4	691.4	705.4
55°	566.0	570.7	571.8	577.7	581.2	594.1	594.1	611.7	632.8	655.0	672.6
57.5°	519.1	523.8	525.0	532.0	536.7	551.9	554.3	574.2	597.6	619.9	641.0
60°	471.1	476.9	478.1	485.1	493.3	509.7	513.2	535.5	561.3	584.7	609.3
62.5°	423.0	428.9	431.2	438.3	451.1	467.5	473.4	499.2	526.1	551.9	578.9
65°	375.0	380.8	384.3	393.7	409.0	426.5	434.7	461.7	492.2	519.1	547.2
67.5°	326.9	334.0	338.6	350.4	370.3	389.0	397.2	427.7	459.3	488.6	517.9
70°	280.1	287.1	292.9	308.2	331.6	350.4	360.9	393.7	426.5	458.2	491.0
72.5°	234.4	241.4	249.6	268.3	294.1	315.2	326.9	360.9	397.2	428.9	462.9
75°	187.5	195.7	205.1	230.8	260.1	281.2	294.1	330.4	367.9	399.6	435.9
77.5°	145.3	153.5	167.6	193.3	226.2	249.6	263.7	302.3	341.0	372.6	410.1
80°	106.6	114.8	133.6	161.7	195.7	218.0	235.5	275.4	315.2	348.0	385.5
82.5°	72.7	80.9	103.1	133.6	169.9	192.2	208.6	250.8	290.6	324.6	362.1
85°	42.2	53.9	77.3	110.1	147.6	169.9	186.3	229.7	268.3	302.3	341.0
87.5°	18.7	32.8	58.6	91.4	128.9	150.0	167.6	207.4	248.4	282.4	321.1
90°	1.2	18.7	45.7	77.3	113.7	133.6	150.0	189.8	228.5	263.7	301.2
92.5°	2.3	12.9	37.5	66.8	100.8	120.7	137.1	174.6	210.9	247.2	283.6
95°	5.9	12.9	32.8	59.8	91.4	110.1	125.4	161.7	195.7	230.8	266.0
97.5°	9.4	14.1	31.6	56.2	84.4	101.9	116.0	150.0	184.0	215.6	250.8
100°	12.9	17.6	31.6	53.9	79.7	96.1	109.0	140.6	172.3	201.5	236.7
102.5°	16.4	21.1	34.0	53.9	77.3	91.4	104.3	133.6	162.9	189.8	222.6
105°	21.1	24.6	36.3	53.9	75.0	89.1	99.6	126.6	154.7	180.5	209.8
107.5°	25.8	28.1	38.7	55.1	75.0	86.7	97.3	121.9	147.6	171.1	199.2
110°	31.6	32.8	42.2	57.4	75.0	85.5	94.9	118.4	141.8	164.1	189.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	36.3	36.3	45.7	59.8	75.0	85.5	93.7	114.8	137.1	157.0	181.6
115°	42.2	42.2	49.2	62.1	76.2	85.5	93.7	113.7	133.6	151.2	174.6
117.5°	46.9	46.9	53.9	64.4	78.5	86.7	93.7	111.3	130.1	146.5	167.6
120°	51.6	51.6	56.2	66.8	79.7	87.9	93.7	110.1	126.6	143.0	161.7
122.5°	56.2	56.2	59.8	70.3	80.9	87.9	93.7	109.0	124.2	138.3	155.8
125°	60.9	60.9	63.3	72.7	83.2	89.1	94.9	109.0	123.0	134.8	152.3
127.5°	65.6	64.4	68.0	76.2	84.4	90.2	96.1	109.0	120.7	132.4	147.6
130°	69.1	68.0	72.7	78.5	86.7	91.4	96.1	107.8	119.5	130.1	143.0
132.5°	73.8	71.5	77.3	79.7	89.1	93.7	97.3	107.8	118.4	127.7	140.6
135°	77.3	75.0	80.9	83.2	90.2	94.9	98.4	107.8	117.2	126.6	137.1
137.5°	79.7	78.5	84.4	86.7	91.4	96.1	99.6	107.8	116.0	124.2	134.8
140°	80.9	79.7	84.4	89.1	91.4	96.1	98.4	106.6	114.8	121.9	131.2
142.5°	82.0	82.0	85.5	90.2	91.4	94.9	98.4	105.5	112.5	118.4	128.9
145°	82.0	82.0	85.5	91.4	92.6	93.7	96.1	103.1	109.0	114.8	124.2
147.5°	82.0	82.0	86.7	91.4	93.7	94.9	93.7	100.8	106.6	111.3	119.5
150°	82.0	82.0	86.7	91.4	94.9	96.1	94.9	98.4	103.1	107.8	114.8
152.5°	83.2	83.2	86.7	91.4	94.9	96.1	96.1	96.1	99.6	104.3	111.3
155°	83.2	84.4	86.7	93.7	96.1	97.3	97.3	97.3	96.1	100.8	106.6
157.5°	86.7	87.9	89.1	94.9	97.3	98.4	98.4	98.4	97.3	96.1	101.9
160°	90.2	91.4	92.6	97.3	99.6	100.8	100.8	100.8	98.4	97.3	97.3
162.5°	93.7	96.1	96.1	98.4	100.8	101.9	101.9	103.1	100.8	99.6	98.4
165°	98.4	99.6	99.6	100.8	103.1	104.3	103.1	104.3	103.1	101.9	100.8
167.5°	101.9	103.1	103.1	104.3	104.3	105.5	105.5	105.5	104.3	103.1	103.1
170°	105.5	106.6	106.6	106.6	106.6	106.6	106.6	106.6	105.5	103.1	103.1
172.5°	107.8	109.0	109.0	107.8	107.8	107.8	107.8	106.6	104.3	103.1	103.1
175°	109.0	110.1	110.1	109.0	107.8	107.8	107.8	106.6	104.3	103.1	103.1
177.5°	110.1	111.3	110.1	110.1	107.8	107.8	107.8	107.8	105.5	104.3	103.1
180°	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6	1231.6
2.5°	1230.4	1216.3	1225.7	1226.9	1231.6	1226.9	1230.4	1226.9	1236.2	1232.7
5°	1225.7	1212.8	1221.0	1222.2	1228.0	1222.2	1228.0	1225.7	1237.4	1233.9
7.5°	1217.5	1206.9	1214.0	1215.1	1222.2	1216.3	1222.2	1219.8	1233.9	1229.2
10°	1205.8	1197.6	1204.6	1205.8	1212.8	1206.9	1211.6	1209.3	1224.5	1217.5
12.5°	1192.9	1185.9	1191.7	1192.9	1201.1	1195.2	1201.1	1198.7	1214.0	1206.9
15°	1174.1	1170.6	1176.5	1178.8	1187.0	1182.3	1188.2	1185.9	1202.3	1192.9
17.5°	1155.4	1153.0	1158.9	1161.2	1170.6	1164.8	1170.6	1168.3	1184.7	1175.3
20°	1132.0	1130.8	1136.6	1140.2	1148.4	1142.5	1149.5	1147.2	1164.8	1155.4
22.5°	1107.3	1107.3	1112.0	1115.5	1123.7	1119.1	1126.1	1124.9	1142.5	1133.1
25°	1080.4	1081.6	1086.3	1090.9	1100.3	1096.8	1102.7	1102.7	1119.1	1107.3
27.5°	1049.9	1055.8	1059.3	1065.2	1073.4	1069.8	1075.7	1076.9	1093.3	1081.6
30°	1018.3	1026.5	1030.0	1037.0	1044.1	1044.1	1049.9	1052.3	1068.7	1057.0
32.5°	985.5	994.9	999.5	1008.9	1018.3	1018.3	1026.5	1030.0	1046.4	1035.9
35°	952.7	965.6	971.4	983.1	992.5	993.7	1001.9	1006.6	1023.0	1012.4
37.5°	921.0	937.4	943.3	957.4	965.6	967.9	977.3	983.1	998.4	989.0
40°	888.2	908.1	915.2	930.4	937.4	942.1	951.5	958.5	972.6	964.4
42.5°	856.6	878.8	885.9	902.3	910.5	915.2	924.5	933.9	948.0	939.8
45°	824.9	849.5	857.8	875.3	882.4	889.4	899.9	908.1	921.0	914.0
47.5°	794.5	820.3	828.5	847.2	855.4	863.6	873.0	884.7	896.4	889.4
50°	762.8	789.8	800.3	820.3	827.3	836.7	848.4	858.9	870.6	864.8
52.5°	732.4	760.5	771.0	792.1	800.3	809.7	821.4	833.1	843.7	839.0
55°	699.6	730.0	741.7	764.0	772.2	781.6	794.5	807.4	816.7	813.2
57.5°	669.1	700.7	712.4	737.1	744.1	755.8	768.7	782.8	791.0	787.4
60°	638.6	670.3	684.3	708.9	717.1	728.9	741.7	757.0	764.0	761.7
62.5°	608.2	641.0	656.2	682.0	689.0	701.9	717.1	730.0	737.1	735.9
65°	580.0	611.7	629.3	655.0	662.1	676.1	690.2	704.2	711.3	711.3
67.5°	550.7	584.7	602.3	629.3	635.1	650.3	665.6	679.6	685.5	685.5
70°	523.8	556.6	576.5	603.5	609.3	623.4	639.8	655.0	659.7	660.9
72.5°	496.8	529.6	550.7	578.9	584.7	598.8	614.0	630.4	633.9	635.1
75°	471.1	503.9	525.0	553.1	558.9	573.0	589.4	604.6	609.3	610.5
77.5°	445.3	478.1	501.5	528.5	534.3	548.4	564.8	580.0	583.6	585.9
80°	421.8	453.5	475.7	505.0	510.9	525.0	540.2	555.4	557.8	561.3
82.5°	398.4	430.0	453.5	481.6	487.5	501.5	516.8	532.0	534.3	539.0
85°	376.1	407.8	431.2	458.2	465.2	478.1	494.5	508.6	510.9	514.4
87.5°	356.2	385.5	410.1	435.9	442.9	455.8	472.2	486.3	487.5	492.2
90°	335.1	364.4	389.0	414.8	421.8	433.6	450.0	464.0	466.4	469.9
92.5°	317.6	344.5	370.3	394.9	400.8	413.6	428.9	442.9	445.3	448.8
95°	298.8	325.8	351.5	375.0	380.8	393.7	407.8	421.8	424.2	427.7
97.5°	282.4	308.2	332.8	356.2	362.1	373.8	389.0	401.9	404.3	409.0
100°	267.2	291.8	317.6	338.6	344.5	356.2	370.3	383.2	385.5	390.2
102.5°	253.1	276.5	301.2	321.1	328.1	338.6	352.7	364.4	366.8	370.3
105°	240.2	262.5	285.9	304.7	311.7	322.2	335.1	346.9	349.2	352.7
107.5°	227.3	248.4	270.7	289.4	295.3	304.7	317.6	329.3	331.6	336.3
110°	215.6	236.7	257.8	275.4	282.4	289.4	302.3	312.9	315.2	318.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	205.1	223.8	244.9	261.3	267.2	275.4	285.9	296.5	298.8	303.5
115°	195.7	213.3	234.4	249.6	254.3	261.3	273.0	282.4	284.7	288.3
117.5°	187.5	202.7	221.5	236.7	242.6	248.4	259.0	267.2	270.7	273.0
120°	180.5	194.5	210.9	225.0	232.0	236.7	246.1	254.3	257.8	260.1
122.5°	173.4	186.3	201.5	214.4	220.3	223.8	234.4	241.4	244.9	248.4
125°	167.6	179.3	193.3	203.9	209.8	213.3	222.6	229.7	233.2	235.5
127.5°	161.7	172.3	186.3	194.5	200.4	202.7	210.9	218.0	221.5	222.6
130°	155.8	166.4	178.1	186.3	191.0	194.5	201.5	206.2	209.8	210.9
132.5°	151.2	160.5	171.1	179.3	184.0	185.1	192.2	196.9	200.4	201.5
135°	147.6	154.7	165.2	172.3	175.8	178.1	184.0	187.5	191.0	192.2
137.5°	143.0	150.0	159.4	164.1	168.7	169.9	175.8	179.3	182.8	184.0
140°	139.4	145.3	153.5	158.2	162.9	162.9	167.6	171.1	174.6	174.6
142.5°	135.9	141.8	148.8	153.5	157.0	157.0	161.7	164.1	167.6	167.6
145°	131.2	137.1	144.1	147.6	151.2	151.2	154.7	157.0	160.5	160.5
147.5°	126.6	132.4	139.4	141.8	145.3	145.3	148.8	151.2	153.5	153.5
150°	120.7	125.4	133.6	137.1	140.6	140.6	143.0	145.3	147.6	147.6
152.5°	116.0	119.5	126.6	131.2	134.8	134.8	137.1	139.4	141.8	141.8
155°	110.1	113.7	119.5	125.4	128.9	130.1	132.4	133.6	135.9	135.9
157.5°	105.5	109.0	113.7	118.4	121.9	124.2	127.7	128.9	130.1	130.1
160°	99.6	101.9	106.6	111.3	114.8	117.2	123.0	124.2	125.4	125.4
162.5°	97.3	97.3	99.6	103.1	106.6	107.8	113.7	118.4	120.7	119.5
165°	98.4	97.3	97.3	98.4	100.8	101.9	105.5	112.5	114.8	113.7
167.5°	100.8	98.4	97.3	97.3	99.6	99.6	103.1	109.0	116.0	113.7
170°	100.8	97.3	94.9	94.9	96.1	96.1	98.4	101.9	109.0	110.1
172.5°	99.6	97.3	93.7	89.1	90.2	89.1	87.9	90.2	91.4	103.1
175°	100.8	97.3	93.7	87.9	85.5	82.0	76.2	71.5	70.3	57.4
177.5°	99.6	96.1	91.4	86.7	84.4	79.7	72.7	64.4	59.8	52.7
180°	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9



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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	14.47	15.78	15.11	16.45	17.22	18.02	19.33	18.66	19.99	20.76
	3H	15.82	17.02	16.48	17.69	18.50	20.93	22.13	21.59	22.81	23.61
	4H	16.22	17.36	16.90	18.05	18.86	22.41	23.55	23.08	24.24	25.05
	6H	16.44	17.50	17.13	18.20	19.03	23.97	25.03	24.65	25.73	26.56
	8H	16.47	17.49	17.17	18.21	19.04	24.78	25.80	25.47	26.51	27.35
	12H	16.48	17.45	17.18	18.17	19.03	25.66	26.63	26.36	27.34	28.21
4H	2H	15.61	16.75	16.29	17.44	18.25	18.34	19.48	19.01	20.16	20.98
	3H	17.26	18.23	17.94	18.96	19.79	21.49	22.46	22.17	23.19	24.02
	4H	17.82	18.73	18.53	19.45	20.31	23.14	24.04	23.84	24.76	25.62
	6H	18.17	18.96	18.89	19.71	20.58	24.91	25.70	25.63	26.45	27.32
	8H	18.24	18.99	18.97	19.74	20.62	25.84	26.59	26.57	27.34	28.22
	12H	18.27	18.95	19.01	19.72	20.61	26.86	27.55	27.61	28.32	29.21
8H	4H	18.91	19.66	19.64	20.41	21.29	23.31	24.06	24.04	24.81	25.69
	6H	19.52	20.16	20.28	20.95	21.83	25.26	25.90	26.02	26.69	27.57
	8H	19.72	20.30	20.48	21.08	21.98	26.34	26.92	27.11	27.71	28.61
	12H	19.83	20.35	20.60	21.13	22.08	27.56	28.08	28.33	28.86	29.82
12H	4H	19.26	19.95	20.01	20.72	21.61	23.31	23.99	24.05	24.76	25.65
	6H	20.04	20.62	20.81	21.41	22.31	25.29	25.87	26.06	26.66	27.56
	8H	20.37	20.89	21.14	21.67	22.62	26.44	26.96	27.21	27.74	28.69