

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: P893789

Luminaire Tested: 4MB-6SL-RNDU-UNV-L930

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893789
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-L930
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 5
Light Source: -
Ballast/Driver: -

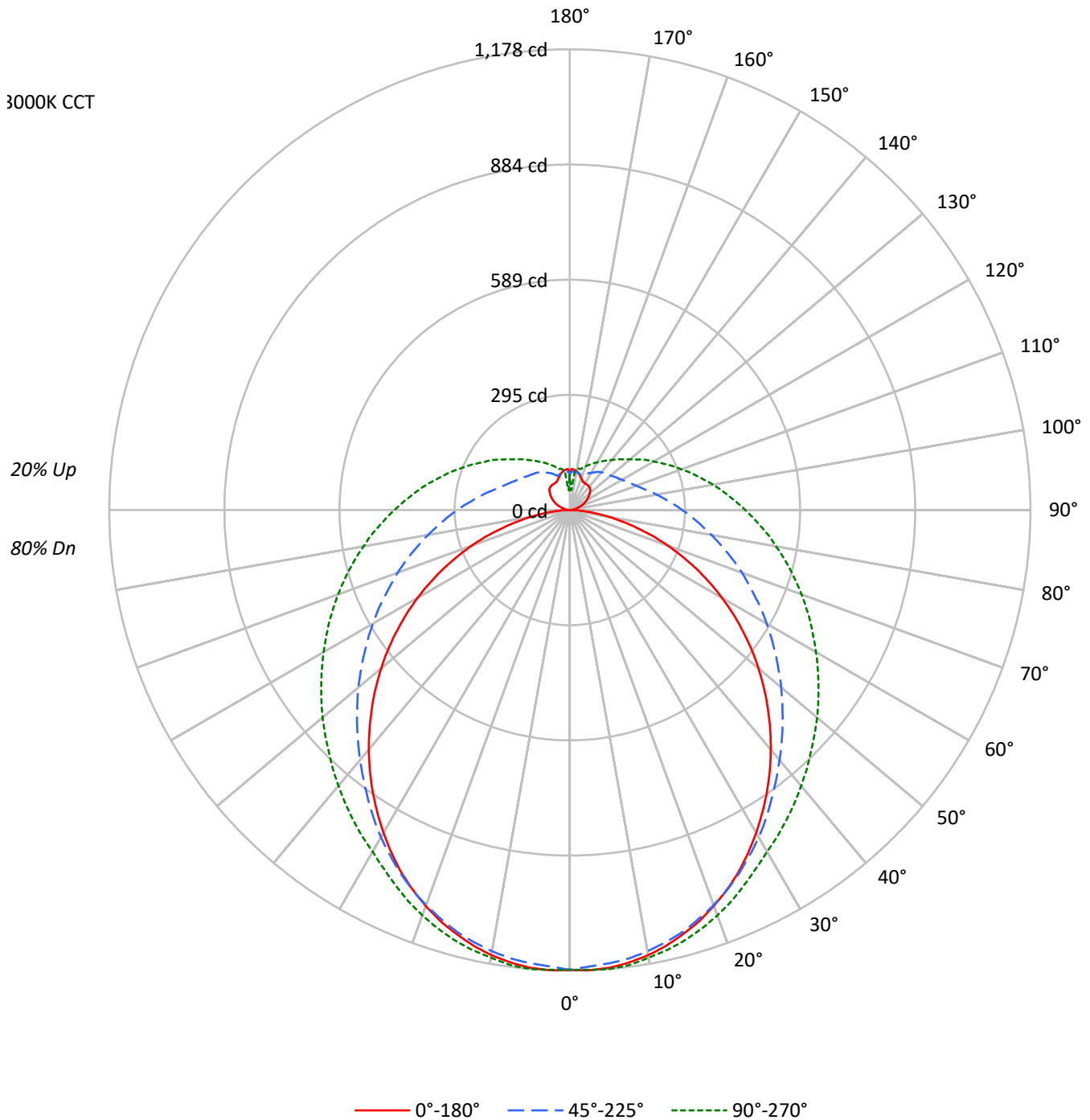
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4945.0 lumens
Efficiency: N/A
Efficacy: 111.4 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				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°	8365	8365	8365
5°	8351	8012	8028
10°	8272	7700	7657
15°	8150	7384	7314
20°	8004	7050	6963
25°	7827	6715	6610
30°	7601	6378	6297
35°	7366	6029	6067
40°	7116	5715	5857
45°	6845	5436	5672
50°	6562	5189	5528
55°	6236	4959	5402
60°	5867	4770	5309
65°	5419	4604	5256
70°	4863	4501	5238
75°	4116	4426	5262
80°	3216	4425	5345
85°	2058	4541	5520

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6845 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.2	2.2
10°-20°	317.2	6.4
20°-30°	476.2	9.6
30°-40°	572.6	11.6
40°-50°	606.7	12.3
50°-60°	584.3	11.8
60°-70°	517.1	10.5
70°-80°	424.1	8.6
80°-90°	329.1	6.7
90°-100°	255.4	5.2
100°-110°	202.4	4.1
110°-120°	161.2	3.3
120°-130°	128.1	2.6
130°-140°	100.0	2.0
140°-150°	73.6	1.5
150°-160°	48.7	1.0
160°-170°	28.0	0.6
170°-180°	9.0	0.2
0°-30°	904.6	18.3
0°-40°	1477.2	29.9
0°-60°	2668.2	54.0
0°-90°	3938.5	79.6
90°-120°	619.1	12.5
90°-150°	920.8	18.6
90°-180°	1006.0	20.3
0°-180°	4945.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1176	1176	1176	1176	1176	
5°	1175	1176	1163	1172	1178	111
15°	1122	1123	1116	1133	1139	316
25°	1021	1025	1025	1050	1057	470
35°	879	890	900	948	966	550
45°	716	733	770	842	872	552
55°	540	567	642	737	776	483
65°	358	407	522	632	679	354
75°	179	268	416	534	583	191
85°	40	162	326	444	491	46
90°	1	128	288	403	449	3
95°	6	105	254	364	408	6
105°	20	85	200	298	337	22
115°	40	82	167	243	275	39
125°	58	85	145	200	225	52
135°	74	91	131	168	184	56
145°	78	90	119	144	153	49
155°	79	93	102	123	130	37
165°	94	100	96	96	108	26
175°	104	103	98	82	55	10
180°	91	91	91	91	91	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7
2.5°	1177.9	1176.8	1179.0	1181.3	1188.0	1179.0	1183.5	1171.2	1172.3	1173.4	1167.9
5°	1174.6	1171.2	1174.6	1176.8	1182.4	1175.7	1180.2	1166.7	1167.9	1170.1	1163.4
7.5°	1166.7	1163.4	1165.6	1167.9	1173.4	1166.7	1172.3	1158.9	1161.1	1162.3	1156.7
10°	1155.5	1151.1	1153.3	1156.7	1161.1	1155.5	1160.0	1147.7	1148.8	1151.1	1145.5
12.5°	1141.0	1136.5	1138.8	1141.0	1146.6	1141.0	1145.5	1133.2	1135.4	1137.6	1132.1
15°	1122.0	1117.5	1119.8	1122.0	1126.5	1123.1	1127.6	1115.3	1117.5	1122.0	1116.4
17.5°	1101.9	1095.1	1097.4	1100.7	1105.2	1103.0	1106.3	1096.3	1097.4	1101.9	1096.3
20°	1077.2	1070.5	1072.8	1076.1	1080.6	1079.5	1081.7	1072.8	1075.0	1080.6	1075.0
22.5°	1050.4	1043.7	1045.9	1050.4	1053.8	1053.8	1054.9	1048.2	1050.4	1056.0	1051.5
25°	1021.3	1014.6	1016.8	1021.3	1024.7	1024.7	1026.9	1020.2	1023.5	1029.1	1024.7
27.5°	987.8	984.4	984.4	988.9	991.1	993.3	994.5	988.9	993.3	998.9	995.6
30°	953.1	948.6	950.8	956.4	956.4	960.9	960.9	956.4	962.0	968.7	966.5
32.5°	916.2	912.8	913.9	920.6	920.6	926.2	925.1	922.9	928.5	936.3	934.1
35°	879.2	875.9	877.0	883.7	883.7	890.4	888.2	888.2	893.8	902.7	900.5
37.5°	840.1	837.9	839.0	845.7	845.7	852.4	850.2	851.3	858.0	868.1	866.9
40°	799.8	797.6	799.8	805.4	807.7	813.2	811.0	813.2	822.2	831.1	834.5
42.5°	758.4	757.3	759.6	765.1	767.4	773.0	771.9	775.2	784.2	797.6	802.1
45°	715.9	715.9	718.2	723.8	726.0	732.7	731.6	736.1	747.2	761.8	769.6
47.5°	673.4	674.5	675.7	682.4	682.4	693.6	690.2	696.9	711.4	728.2	737.2
50°	629.8	632.0	633.1	638.7	641.0	651.0	648.8	660.0	675.7	693.6	705.9
52.5°	586.2	588.4	590.6	595.1	597.3	609.7	607.4	622.0	641.0	660.0	673.4
55°	540.3	544.8	545.9	551.5	554.8	567.1	567.1	583.9	604.1	625.3	642.1
57.5°	495.6	500.0	501.1	507.9	512.3	526.9	529.1	548.1	570.5	591.8	611.9
60°	449.7	455.3	456.4	463.1	470.9	486.6	490.0	511.2	535.8	558.2	581.7
62.5°	403.8	409.4	411.7	418.4	430.7	446.3	451.9	476.5	502.3	526.9	552.6
65°	358.0	363.6	366.9	375.9	390.4	407.2	415.0	440.7	469.8	495.6	522.4
67.5°	312.1	318.8	323.3	334.5	353.5	371.4	379.2	408.3	438.5	466.5	494.4
70°	267.4	274.1	279.7	294.2	316.6	334.5	344.5	375.9	407.2	437.4	468.7
72.5°	223.7	230.4	238.3	256.2	280.8	300.9	312.1	344.5	379.2	409.4	441.9
75°	179.0	186.8	195.8	220.4	248.3	268.5	280.8	315.5	351.3	381.5	416.1
77.5°	138.7	146.5	160.0	184.6	215.9	238.3	251.7	288.6	325.5	355.7	391.5
80°	101.8	109.6	127.5	154.4	186.8	208.1	224.8	262.9	300.9	332.2	368.0
82.5°	69.4	77.2	98.4	127.5	162.2	183.5	199.1	239.4	277.4	309.9	345.7
85°	40.3	51.5	73.8	105.2	140.9	162.2	177.9	219.3	256.2	288.6	325.5
87.5°	17.9	31.3	55.9	87.3	123.0	143.2	160.0	198.0	237.1	269.6	306.5
90°	1.1	17.9	43.6	73.8	108.5	127.5	143.2	181.2	218.1	251.7	287.5
92.5°	2.2	12.3	35.8	63.8	96.2	115.2	130.9	166.7	201.4	236.0	270.7
95°	5.6	12.3	31.3	57.1	87.3	105.2	119.7	154.4	186.8	220.4	253.9
97.5°	8.9	13.4	30.2	53.7	80.5	97.3	110.7	143.2	175.6	205.8	239.4
100°	12.3	16.8	30.2	51.5	76.1	91.7	104.0	134.2	164.4	192.4	226.0
102.5°	15.7	20.1	32.4	51.5	73.8	87.3	99.6	127.5	155.5	181.2	212.5
105°	20.1	23.5	34.7	51.5	71.6	85.0	95.1	120.8	147.7	172.3	200.2
107.5°	24.6	26.8	36.9	52.6	71.6	82.8	92.8	116.3	140.9	163.3	190.2
110°	30.2	31.3	40.3	54.8	71.6	81.7	90.6	113.0	135.4	156.6	181.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	34.7	34.7	43.6	57.1	71.6	81.7	89.5	109.6	130.9	149.9	173.4
115°	40.3	40.3	47.0	59.3	72.7	81.7	89.5	108.5	127.5	144.3	166.7
117.5°	44.7	44.7	51.5	61.5	74.9	82.8	89.5	106.3	124.2	139.8	160.0
120°	49.2	49.2	53.7	63.8	76.1	83.9	89.5	105.2	120.8	136.5	154.4
122.5°	53.7	53.7	57.1	67.1	77.2	83.9	89.5	104.0	118.6	132.0	148.8
125°	58.2	58.2	60.4	69.4	79.4	85.0	90.6	104.0	117.5	128.6	145.4
127.5°	62.6	61.5	64.9	72.7	80.5	86.1	91.7	104.0	115.2	126.4	140.9
130°	66.0	64.9	69.4	74.9	82.8	87.3	91.7	102.9	114.1	124.2	136.5
132.5°	70.5	68.2	73.8	76.1	85.0	89.5	92.8	102.9	113.0	121.9	134.2
135°	73.8	71.6	77.2	79.4	86.1	90.6	94.0	102.9	111.9	120.8	130.9
137.5°	76.1	74.9	80.5	82.8	87.3	91.7	95.1	102.9	110.7	118.6	128.6
140°	77.2	76.1	80.5	85.0	87.3	91.7	94.0	101.8	109.6	116.3	125.3
142.5°	78.3	78.3	81.7	86.1	87.3	90.6	94.0	100.7	107.4	113.0	123.0
145°	78.3	78.3	81.7	87.3	88.4	89.5	91.7	98.4	104.0	109.6	118.6
147.5°	78.3	78.3	82.8	87.3	89.5	90.6	89.5	96.2	101.8	106.3	114.1
150°	78.3	78.3	82.8	87.3	90.6	91.7	90.6	94.0	98.4	102.9	109.6
152.5°	79.4	79.4	82.8	87.3	90.6	91.7	91.7	91.7	95.1	99.6	106.3
155°	79.4	80.5	82.8	89.5	91.7	92.8	92.8	92.8	91.7	96.2	101.8
157.5°	82.8	83.9	85.0	90.6	92.8	94.0	94.0	94.0	92.8	91.7	97.3
160°	86.1	87.3	88.4	92.8	95.1	96.2	96.2	96.2	94.0	92.8	92.8
162.5°	89.5	91.7	91.7	94.0	96.2	97.3	97.3	98.4	96.2	95.1	94.0
165°	94.0	95.1	95.1	96.2	98.4	99.6	98.4	99.6	98.4	97.3	96.2
167.5°	97.3	98.4	98.4	99.6	99.6	100.7	100.7	100.7	99.6	98.4	98.4
170°	100.7	101.8	101.8	101.8	101.8	101.8	101.8	101.8	100.7	98.4	98.4
172.5°	102.9	104.0	104.0	102.9	102.9	102.9	102.9	101.8	99.6	98.4	98.4
175°	104.0	105.2	105.2	104.0	102.9	102.9	102.9	101.8	99.6	98.4	98.4
177.5°	105.2	106.3	105.2	105.2	102.9	102.9	102.9	102.9	100.7	99.6	98.4
180°	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7	1175.7
2.5°	1174.6	1161.1	1170.1	1171.2	1175.7	1171.2	1174.6	1171.2	1180.2	1176.8
5°	1170.1	1157.8	1165.6	1166.7	1172.3	1166.7	1172.3	1170.1	1181.3	1177.9
7.5°	1162.3	1152.2	1158.9	1160.0	1166.7	1161.1	1166.7	1164.5	1177.9	1173.4
10°	1151.1	1143.2	1150.0	1151.1	1157.8	1152.2	1156.7	1154.4	1169.0	1162.3
12.5°	1138.8	1132.1	1137.6	1138.8	1146.6	1141.0	1146.6	1144.4	1158.9	1152.2
15°	1120.9	1117.5	1123.1	1125.3	1133.2	1128.7	1134.3	1132.1	1147.7	1138.8
17.5°	1103.0	1100.7	1106.3	1108.6	1117.5	1111.9	1117.5	1115.3	1130.9	1122.0
20°	1080.6	1079.5	1085.1	1088.4	1096.3	1090.7	1097.4	1095.1	1111.9	1103.0
22.5°	1057.1	1057.1	1061.6	1064.9	1072.8	1068.3	1075.0	1073.9	1090.7	1081.7
25°	1031.4	1032.5	1037.0	1041.4	1050.4	1047.0	1052.6	1052.6	1068.3	1057.1
27.5°	1002.3	1007.9	1011.2	1016.8	1024.7	1021.3	1026.9	1028.0	1043.7	1032.5
30°	972.1	979.9	983.3	990.0	996.7	996.7	1002.3	1004.5	1020.2	1009.0
32.5°	940.8	949.7	954.2	963.1	972.1	972.1	979.9	983.3	998.9	988.9
35°	909.4	921.8	927.3	938.5	947.5	948.6	956.4	960.9	976.6	966.5
37.5°	879.2	894.9	900.5	913.9	921.8	924.0	932.9	938.5	953.1	944.1
40°	847.9	866.9	873.7	888.2	894.9	899.4	908.3	915.0	928.5	920.6
42.5°	817.7	839.0	845.7	861.3	869.2	873.7	882.6	891.5	905.0	897.1
45°	787.5	811.0	818.8	835.6	842.3	849.0	859.1	866.9	879.2	872.5
47.5°	758.4	783.0	790.9	808.8	816.6	824.4	833.4	844.6	855.8	849.0
50°	728.2	754.0	764.0	783.0	789.8	798.7	809.9	820.0	831.1	825.5
52.5°	699.1	726.0	736.1	756.2	764.0	773.0	784.2	795.3	805.4	800.9
55°	667.8	696.9	708.1	729.3	737.2	746.1	758.4	770.7	779.7	776.3
57.5°	638.7	668.9	680.1	703.6	710.3	721.5	733.8	747.2	755.1	751.7
60°	609.7	639.9	653.3	676.8	684.6	695.8	708.1	722.6	729.3	727.1
62.5°	580.6	611.9	626.4	651.0	657.8	670.1	684.6	696.9	703.6	702.5
65°	553.7	583.9	600.7	625.3	632.0	645.5	658.9	672.3	679.0	679.0
67.5°	525.8	558.2	575.0	600.7	606.3	620.8	635.4	648.8	654.4	654.4
70°	500.0	531.3	550.4	576.1	581.7	595.1	610.8	625.3	629.8	630.9
72.5°	474.3	505.6	525.8	552.6	558.2	571.6	586.2	601.8	605.2	606.3
75°	449.7	481.0	501.1	528.0	533.6	547.0	562.7	577.2	581.7	582.8
77.5°	425.1	456.4	478.8	504.5	510.1	523.5	539.2	553.7	557.1	559.3
80°	402.7	432.9	454.2	482.1	487.7	501.1	515.7	530.2	532.5	535.8
82.5°	380.3	410.5	432.9	459.8	465.4	478.8	493.3	507.9	510.1	514.6
85°	359.1	389.3	411.7	437.4	444.1	456.4	472.1	485.5	487.7	491.1
87.5°	340.1	368.0	391.5	416.1	422.8	435.1	450.8	464.2	465.4	469.8
90°	319.9	347.9	371.4	396.0	402.7	413.9	429.6	443.0	445.2	448.6
92.5°	303.1	328.9	353.5	377.0	382.6	394.9	409.4	422.8	425.1	428.4
95°	285.3	311.0	335.6	358.0	363.6	375.9	389.3	402.7	404.9	408.3
97.5°	269.6	294.2	317.7	340.1	345.7	356.8	371.4	383.7	385.9	390.4
100°	255.0	278.5	303.1	323.3	328.9	340.1	353.5	365.8	368.0	372.5
102.5°	241.6	264.0	287.5	306.5	313.2	323.3	336.7	347.9	350.1	353.5
105°	229.3	250.6	272.9	290.8	297.6	307.6	319.9	331.1	333.4	336.7
107.5°	217.0	237.1	258.4	276.3	281.9	290.8	303.1	314.3	316.6	321.0
110°	205.8	226.0	246.1	262.9	269.6	276.3	288.6	298.7	300.9	304.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	195.8	213.7	233.8	249.5	255.0	262.9	272.9	283.0	285.3	289.7
115°	186.8	203.6	223.7	238.3	242.7	249.5	260.6	269.6	271.8	275.2
117.5°	179.0	193.5	211.4	226.0	231.6	237.1	247.2	255.0	258.4	260.6
120°	172.3	185.7	201.4	214.8	221.5	226.0	234.9	242.7	246.1	248.3
122.5°	165.6	177.9	192.4	204.7	210.3	213.7	223.7	230.4	233.8	237.1
125°	160.0	171.2	184.6	194.6	200.2	203.6	212.5	219.3	222.6	224.8
127.5°	154.4	164.4	177.9	185.7	191.3	193.5	201.4	208.1	211.4	212.5
130°	148.8	158.8	170.0	177.9	182.3	185.7	192.4	196.9	200.2	201.4
132.5°	144.3	153.3	163.3	171.2	175.6	176.7	183.5	187.9	191.3	192.4
135°	140.9	147.7	157.7	164.4	167.8	170.0	175.6	179.0	182.3	183.5
137.5°	136.5	143.2	152.1	156.6	161.1	162.2	167.8	171.2	174.5	175.6
140°	133.1	138.7	146.5	151.0	155.5	155.5	160.0	163.3	166.7	166.7
142.5°	129.8	135.4	142.1	146.5	149.9	149.9	154.4	156.6	160.0	160.0
145°	125.3	130.9	137.6	140.9	144.3	144.3	147.7	149.9	153.3	153.3
147.5°	120.8	126.4	133.1	135.4	138.7	138.7	142.1	144.3	146.5	146.5
150°	115.2	119.7	127.5	130.9	134.2	134.2	136.5	138.7	140.9	140.9
152.5°	110.7	114.1	120.8	125.3	128.6	128.6	130.9	133.1	135.4	135.4
155°	105.2	108.5	114.1	119.7	123.0	124.2	126.4	127.5	129.8	129.8
157.5°	100.7	104.0	108.5	113.0	116.3	118.6	121.9	123.0	124.2	124.2
160°	95.1	97.3	101.8	106.3	109.6	111.9	117.5	118.6	119.7	119.7
162.5°	92.8	92.8	95.1	98.4	101.8	102.9	108.5	113.0	115.2	114.1
165°	94.0	92.8	92.8	94.0	96.2	97.3	100.7	107.4	109.6	108.5
167.5°	96.2	94.0	92.8	92.8	95.1	95.1	98.4	104.0	110.7	108.5
170°	96.2	92.8	90.6	90.6	91.7	91.7	94.0	97.3	104.0	105.2
172.5°	95.1	92.8	89.5	85.0	86.1	85.0	83.9	86.1	87.3	98.4
175°	96.2	92.8	89.5	83.9	81.7	78.3	72.7	68.2	67.1	54.8
177.5°	95.1	91.7	87.3	82.8	80.5	76.1	69.4	61.5	57.1	50.3
180°	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6



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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	14.31	15.62	14.95	16.29	17.06	17.85	19.17	18.50	19.83	20.60
	3H	15.66	16.86	16.31	17.53	18.33	20.77	21.97	21.43	22.65	23.45
	4H	16.06	17.20	16.74	17.89	18.70	22.25	23.39	22.92	24.07	24.89
	6H	16.28	17.34	16.97	18.04	18.87	23.81	24.87	24.49	25.56	26.39
	8H	16.31	17.33	17.01	18.05	18.88	24.62	25.63	25.31	26.35	27.18
	12H	16.32	17.29	17.02	18.01	18.87	25.49	26.47	26.20	27.18	28.05
4H	2H	15.45	16.59	16.13	17.28	18.09	18.18	19.31	18.85	20.00	20.82
	3H	17.09	18.07	17.78	18.79	19.63	21.33	22.30	22.01	23.02	23.86
	4H	17.66	18.56	18.37	19.29	20.15	22.98	23.88	23.68	24.60	25.46
	6H	18.01	18.80	18.73	19.55	20.42	24.75	25.54	25.47	26.29	27.16
	8H	18.08	18.83	18.80	19.58	20.46	25.68	26.43	26.41	27.18	28.06
	12H	18.11	18.79	18.85	19.56	20.45	26.70	27.39	27.45	28.16	29.05
8H	4H	18.75	19.50	19.48	20.25	21.13	23.15	23.90	23.88	24.65	25.53
	6H	19.36	20.00	20.11	20.79	21.67	25.10	25.74	25.86	26.53	27.41
	8H	19.56	20.13	20.32	20.92	21.82	26.18	26.76	26.95	27.55	28.45
	12H	19.67	20.19	20.44	20.97	21.92	27.40	27.92	28.17	28.70	29.65
12H	4H	19.10	19.79	19.85	20.56	21.45	23.14	23.83	23.89	24.60	25.49
	6H	19.88	20.46	20.65	21.25	22.15	25.13	25.71	25.90	26.50	27.40
	8H	20.21	20.73	20.98	21.51	22.46	26.28	26.80	27.05	27.58	28.53