

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: P893792

Luminaire Tested: 4MB-6SL-RNDU-UNV-L950

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893792
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-L950
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 5
Light Source: -
Ballast/Driver: -

Summary

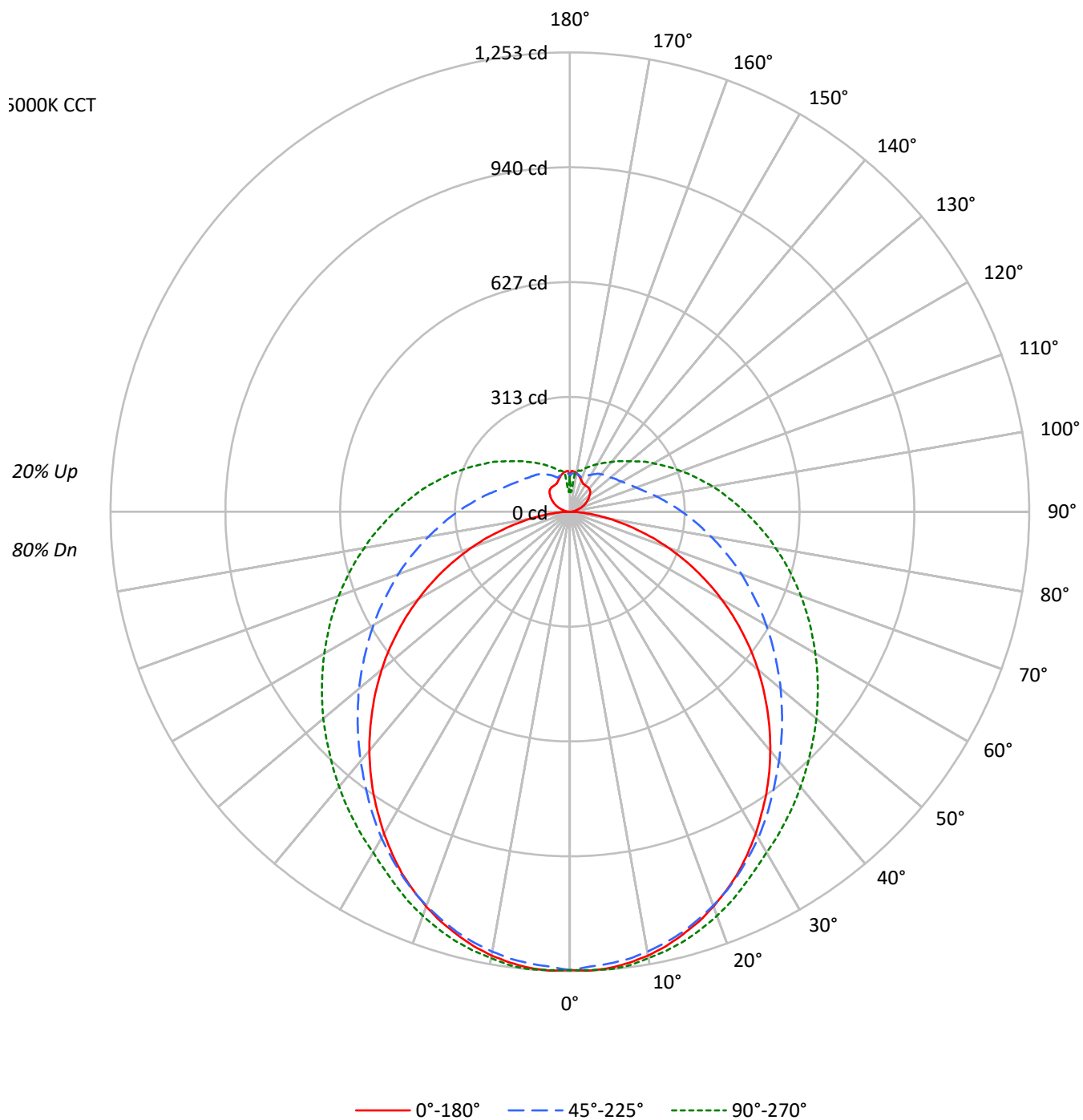
Lumens per Lamp: N/A
Luminaire Lumens: 5259.0 lumens
Efficiency: N/A
Efficacy: 118.4 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 44.4
Input Voltage (V): 120
Input Current (Ain): 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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CATALOG NUMBER: 4MB-6SL-RNDU-UNV-L950

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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	80		
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	61		
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	49		
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	41		
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	34		
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	29		
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	26		
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	23		
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	20		
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20	18		
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	16		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8896	8896	8896
5°	8881	8520	8538
10°	8797	8188	8144
15°	8667	7853	7779
20°	8512	7498	7405
25°	8324	7141	7029
30°	8083	6783	6697
35°	7835	6412	6453
40°	7568	6078	6230
45°	7280	5782	6032
50°	6979	5518	5879
55°	6632	5274	5745
60°	6239	5073	5646
65°	5762	4897	5589
70°	5170	4787	5571
75°	4376	4708	5596
80°	3421	4707	5684
85°	2186	4830	5871

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.3	2.2
10°-20°	337.3	6.4
20°-30°	506.4	9.6
30°-40°	609.0	11.6
40°-50°	645.2	12.3
50°-60°	621.4	11.8
60°-70°	549.9	10.5
70°-80°	451.1	8.6
80°-90°	350.0	6.7
90°-100°	271.7	5.2
100°-110°	215.2	4.1
110°-120°	171.5	3.3
120°-130°	136.2	2.6
130°-140°	106.4	2.0
140°-150°	78.3	1.5
150°-160°	51.8	1.0
160°-170°	29.8	0.6
170°-180°	9.6	0.2
0°-30°	962.0	18.3
0°-40°	1571.0	29.9
0°-60°	2837.6	54.0
0°-90°	4188.6	79.6
90°-120°	658.4	12.5
90°-150°	979.2	18.6
90°-180°	1070.0	20.3
0°-180°	5259.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1250	1250	1250	1250	1250	
5°	1249	1250	1237	1247	1253	119
15°	1193	1194	1187	1205	1211	337
25°	1086	1090	1090	1117	1124	500
35°	935	947	958	1008	1028	585
45°	761	779	818	896	928	588
55°	575	603	683	784	826	514
65°	381	433	556	672	722	377
75°	190	286	443	568	620	203
85°	43	172	346	472	522	49
90°	1	136	306	428	477	3
95°	6	112	270	387	434	6
105°	21	90	213	316	358	23
115°	43	87	177	258	293	42
125°	62	90	155	213	239	55
135°	78	96	139	178	195	60
145°	83	95	126	154	163	52
155°	84	99	108	131	138	40
165°	100	106	102	102	115	28
175°	111	109	105	87	58	10
180°	96	96	96	96	96	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3
2.5°	1252.7	1251.5	1253.9	1256.3	1263.4	1253.9	1258.7	1245.6	1246.8	1248.0	1242.0
5°	1249.1	1245.6	1249.1	1251.5	1257.5	1250.3	1255.1	1240.8	1242.0	1244.4	1237.2
7.5°	1240.8	1237.2	1239.6	1242.0	1248.0	1240.8	1246.8	1232.5	1234.9	1236.1	1230.1
10°	1228.9	1224.2	1226.5	1230.1	1234.9	1228.9	1233.7	1220.6	1221.8	1224.2	1218.2
12.5°	1213.5	1208.7	1211.1	1213.5	1219.4	1213.5	1218.2	1205.1	1207.5	1209.9	1203.9
15°	1193.2	1188.5	1190.9	1193.2	1198.0	1194.4	1199.2	1186.1	1188.5	1193.2	1187.3
17.5°	1171.8	1164.7	1167.1	1170.6	1175.4	1173.0	1176.6	1165.9	1167.1	1171.8	1165.9
20°	1145.6	1138.5	1140.9	1144.5	1149.2	1148.0	1150.4	1140.9	1143.3	1149.2	1143.3
22.5°	1117.1	1110.0	1112.3	1117.1	1120.7	1120.7	1121.9	1114.7	1117.1	1123.0	1118.3
25°	1086.2	1079.0	1081.4	1086.2	1089.7	1089.7	1092.1	1085.0	1088.5	1094.5	1089.7
27.5°	1050.5	1046.9	1046.9	1051.7	1054.0	1056.4	1057.6	1051.7	1056.4	1062.4	1058.8
30°	1013.6	1008.8	1011.2	1017.2	1017.2	1021.9	1021.9	1017.2	1023.1	1030.2	1027.9
32.5°	974.3	970.8	972.0	979.1	979.1	985.0	983.9	981.5	987.4	995.7	993.4
35°	935.1	931.5	932.7	939.8	939.8	947.0	944.6	944.6	950.5	960.1	957.7
37.5°	893.4	891.1	892.2	899.4	899.4	906.5	904.1	905.3	912.5	923.2	922.0
40°	850.6	848.2	850.6	856.6	858.9	864.9	862.5	864.9	874.4	883.9	887.5
42.5°	806.6	805.4	807.8	813.7	816.1	822.1	820.9	824.4	834.0	848.2	853.0
45°	761.4	761.4	763.8	769.7	772.1	779.2	778.0	782.8	794.7	810.2	818.5
47.5°	716.2	717.4	718.6	725.7	725.7	737.6	734.0	741.2	756.6	774.5	784.0
50°	669.8	672.2	673.3	679.3	681.7	692.4	690.0	701.9	718.6	737.6	750.7
52.5°	623.4	625.8	628.1	632.9	635.3	648.4	646.0	661.5	681.7	701.9	716.2
55°	574.6	579.4	580.6	586.5	590.1	603.2	603.2	621.0	642.4	665.0	682.9
57.5°	527.0	531.8	533.0	540.1	544.9	560.3	562.7	582.9	606.7	629.3	650.7
60°	478.2	484.2	485.4	492.5	500.8	517.5	521.1	543.7	569.8	593.6	618.6
62.5°	429.5	435.4	437.8	444.9	458.0	474.7	480.6	506.8	534.2	560.3	587.7
65°	380.7	386.6	390.2	399.7	415.2	433.0	441.4	468.7	499.7	527.0	555.6
67.5°	331.9	339.1	343.8	355.7	375.9	395.0	403.3	434.2	466.3	496.1	525.8
70°	284.3	291.5	297.4	312.9	336.7	355.7	366.4	399.7	433.0	465.2	498.5
72.5°	237.9	245.1	253.4	272.4	298.6	320.0	331.9	366.4	403.3	435.4	469.9
75°	190.3	198.7	208.2	234.4	264.1	285.5	298.6	335.5	373.6	405.7	442.6
77.5°	147.5	155.8	170.1	196.3	229.6	253.4	267.7	306.9	346.2	378.3	416.4
80°	108.3	116.6	135.6	164.2	198.7	221.3	239.1	279.6	320.0	353.3	391.4
82.5°	73.8	82.1	104.7	135.6	172.5	195.1	211.8	254.6	295.0	329.5	367.6
85°	42.8	54.7	78.5	111.8	149.9	172.5	189.2	233.2	272.4	306.9	346.2
87.5°	19.0	33.3	59.5	92.8	130.9	152.3	170.1	210.6	252.2	286.7	326.0
90°	1.2	19.0	46.4	78.5	115.4	135.6	152.3	192.7	232.0	267.7	305.7
92.5°	2.4	13.1	38.1	67.8	102.3	122.5	139.2	177.3	214.1	251.0	287.9
95°	5.9	13.1	33.3	60.7	92.8	111.8	127.3	164.2	198.7	234.4	270.1
97.5°	9.5	14.3	32.1	57.1	85.7	103.5	117.8	152.3	186.8	218.9	254.6
100°	13.1	17.8	32.1	54.7	80.9	97.6	110.6	142.8	174.9	204.6	240.3
102.5°	16.7	21.4	34.5	54.7	78.5	92.8	105.9	135.6	165.4	192.7	226.0
105°	21.4	25.0	36.9	54.7	76.1	90.4	101.1	128.5	157.0	183.2	212.9
107.5°	26.2	28.6	39.3	55.9	76.1	88.0	98.7	123.7	149.9	173.7	202.2
110°	32.1	33.3	42.8	58.3	76.1	86.8	96.4	120.2	143.9	166.6	192.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	36.9	36.9	46.4	60.7	76.1	86.8	95.2	116.6	139.2	159.4	184.4
115°	42.8	42.8	50.0	63.1	77.3	86.8	95.2	115.4	135.6	153.5	177.3
117.5°	47.6	47.6	54.7	65.4	79.7	88.0	95.2	113.0	132.1	148.7	170.1
120°	52.3	52.3	57.1	67.8	80.9	89.2	95.2	111.8	128.5	145.1	164.2
122.5°	57.1	57.1	60.7	71.4	82.1	89.2	95.2	110.6	126.1	140.4	158.2
125°	61.9	61.9	64.2	73.8	84.5	90.4	96.4	110.6	124.9	136.8	154.7
127.5°	66.6	65.4	69.0	77.3	85.7	91.6	97.6	110.6	122.5	134.4	149.9
130°	70.2	69.0	73.8	79.7	88.0	92.8	97.6	109.4	121.3	132.1	145.1
132.5°	74.9	72.6	78.5	80.9	90.4	95.2	98.7	109.4	120.2	129.7	142.8
135°	78.5	76.1	82.1	84.5	91.6	96.4	99.9	109.4	119.0	128.5	139.2
137.5°	80.9	79.7	85.7	88.0	92.8	97.6	101.1	109.4	117.8	126.1	136.8
140°	82.1	80.9	85.7	90.4	92.8	97.6	99.9	108.3	116.6	123.7	133.2
142.5°	83.3	83.3	86.8	91.6	92.8	96.4	99.9	107.1	114.2	120.2	130.9
145°	83.3	83.3	86.8	92.8	94.0	95.2	97.6	104.7	110.6	116.6	126.1
147.5°	83.3	83.3	88.0	92.8	95.2	96.4	95.2	102.3	108.3	113.0	121.3
150°	83.3	83.3	88.0	92.8	96.4	97.6	96.4	99.9	104.7	109.4	116.6
152.5°	84.5	84.5	88.0	92.8	96.4	97.6	97.6	97.6	101.1	105.9	113.0
155°	84.5	85.7	88.0	95.2	97.6	98.7	98.7	98.7	97.6	102.3	108.3
157.5°	88.0	89.2	90.4	96.4	98.7	99.9	99.9	99.9	98.7	97.6	103.5
160°	91.6	92.8	94.0	98.7	101.1	102.3	102.3	102.3	99.9	98.7	98.7
162.5°	95.2	97.6	97.6	99.9	102.3	103.5	103.5	104.7	102.3	101.1	99.9
165°	99.9	101.1	101.1	102.3	104.7	105.9	104.7	105.9	104.7	103.5	102.3
167.5°	103.5	104.7	104.7	105.9	105.9	107.1	107.1	107.1	105.9	104.7	104.7
170°	107.1	108.3	108.3	108.3	108.3	108.3	108.3	108.3	107.1	104.7	104.7
172.5°	109.4	110.6	110.6	109.4	109.4	109.4	109.4	108.3	105.9	104.7	104.7
175°	110.6	111.8	111.8	110.6	109.4	109.4	109.4	108.3	105.9	104.7	104.7
177.5°	111.8	113.0	111.8	111.8	109.4	109.4	109.4	109.4	107.1	105.9	104.7
180°	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3	1250.3
2.5°	1249.1	1234.9	1244.4	1245.6	1250.3	1245.6	1249.1	1245.6	1255.1	1251.5
5°	1244.4	1231.3	1239.6	1240.8	1246.8	1240.8	1246.8	1244.4	1256.3	1252.7
7.5°	1236.1	1225.4	1232.5	1233.7	1240.8	1234.9	1240.8	1238.4	1252.7	1248.0
10°	1224.2	1215.8	1223.0	1224.2	1231.3	1225.4	1230.1	1227.7	1243.2	1236.1
12.5°	1211.1	1203.9	1209.9	1211.1	1219.4	1213.5	1219.4	1217.0	1232.5	1225.4
15°	1192.0	1188.5	1194.4	1196.8	1205.1	1200.4	1206.3	1203.9	1220.6	1211.1
17.5°	1173.0	1170.6	1176.6	1179.0	1188.5	1182.5	1188.5	1186.1	1202.7	1193.2
20°	1149.2	1148.0	1154.0	1157.5	1165.9	1159.9	1167.1	1164.7	1182.5	1173.0
22.5°	1124.2	1124.2	1129.0	1132.6	1140.9	1136.1	1143.3	1142.1	1159.9	1150.4
25°	1096.9	1098.1	1102.8	1107.6	1117.1	1113.5	1119.5	1119.5	1136.1	1124.2
27.5°	1065.9	1071.9	1075.5	1081.4	1089.7	1086.2	1092.1	1093.3	1110.0	1098.1
30°	1033.8	1042.1	1045.7	1052.9	1060.0	1060.0	1065.9	1068.3	1085.0	1073.1
32.5°	1000.5	1010.0	1014.8	1024.3	1033.8	1033.8	1042.1	1045.7	1062.4	1051.7
35°	967.2	980.3	986.2	998.1	1007.6	1008.8	1017.2	1021.9	1038.6	1027.9
37.5°	935.1	951.7	957.7	972.0	980.3	982.7	992.2	998.1	1013.6	1004.1
40°	901.8	922.0	929.1	944.6	951.7	956.5	966.0	973.1	987.4	979.1
42.5°	869.6	892.2	899.4	916.0	924.4	929.1	938.6	948.2	962.4	954.1
45°	837.5	862.5	870.8	888.7	895.8	903.0	913.7	922.0	935.1	927.9
47.5°	806.6	832.8	841.1	860.1	868.5	876.8	886.3	898.2	910.1	903.0
50°	774.5	801.8	812.5	832.8	839.9	849.4	861.3	872.0	883.9	878.0
52.5°	743.5	772.1	782.8	804.2	812.5	822.1	834.0	845.9	856.6	851.8
55°	710.2	741.2	753.1	775.7	784.0	793.5	806.6	819.7	829.2	825.6
57.5°	679.3	711.4	723.3	748.3	755.4	767.3	780.4	794.7	803.0	799.5
60°	648.4	680.5	694.8	719.7	728.1	740.0	753.1	768.5	775.7	773.3
62.5°	617.4	650.7	666.2	692.4	699.5	712.6	728.1	741.2	748.3	747.1
65°	588.9	621.0	638.8	665.0	672.2	686.4	700.7	715.0	722.1	722.1
67.5°	559.1	593.6	611.5	638.8	644.8	660.3	675.7	690.0	696.0	696.0
70°	531.8	565.1	585.3	612.7	618.6	632.9	649.6	665.0	669.8	671.0
72.5°	504.4	537.7	559.1	587.7	593.6	607.9	623.4	640.0	643.6	644.8
75°	478.2	511.6	533.0	561.5	567.5	581.7	598.4	613.9	618.6	619.8
77.5°	452.1	485.4	509.2	536.5	542.5	556.8	573.4	588.9	592.5	594.8
80°	428.3	460.4	483.0	512.7	518.7	533.0	548.4	563.9	566.3	569.8
82.5°	404.5	436.6	460.4	489.0	494.9	509.2	524.6	540.1	542.5	547.2
85°	381.9	414.0	437.8	465.2	472.3	485.4	502.0	516.3	518.7	522.3
87.5°	361.7	391.4	416.4	442.6	449.7	462.8	479.4	493.7	494.9	499.7
90°	340.2	370.0	395.0	421.1	428.3	440.2	456.8	471.1	473.5	477.1
92.5°	322.4	349.8	375.9	400.9	406.9	420.0	435.4	449.7	452.1	455.6
95°	303.4	330.7	356.9	380.7	386.6	399.7	414.0	428.3	430.7	434.2
97.5°	286.7	312.9	337.9	361.7	367.6	379.5	395.0	408.1	410.4	415.2
100°	271.2	296.2	322.4	343.8	349.8	361.7	375.9	389.0	391.4	396.2
102.5°	257.0	280.8	305.7	326.0	333.1	343.8	358.1	370.0	372.4	375.9
105°	243.9	266.5	290.3	309.3	316.5	327.2	340.2	352.1	354.5	358.1
107.5°	230.8	252.2	274.8	293.8	299.8	309.3	322.4	334.3	336.7	341.4
110°	218.9	240.3	261.7	279.6	286.7	293.8	306.9	317.6	320.0	323.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	208.2	227.2	248.6	265.3	271.2	279.6	290.3	301.0	303.4	308.1
115°	198.7	216.5	237.9	253.4	258.2	265.3	277.2	286.7	289.1	292.7
117.5°	190.3	205.8	224.8	240.3	246.3	252.2	262.9	271.2	274.8	277.2
120°	183.2	197.5	214.1	228.4	235.6	240.3	249.8	258.2	261.7	264.1
122.5°	176.1	189.2	204.6	217.7	223.7	227.2	237.9	245.1	248.6	252.2
125°	170.1	182.0	196.3	207.0	212.9	216.5	226.0	233.2	236.7	239.1
127.5°	164.2	174.9	189.2	197.5	203.4	205.8	214.1	221.3	224.8	226.0
130°	158.2	168.9	180.8	189.2	193.9	197.5	204.6	209.4	212.9	214.1
132.5°	153.5	163.0	173.7	182.0	186.8	188.0	195.1	199.9	203.4	204.6
135°	149.9	157.0	167.7	174.9	178.4	180.8	186.8	190.3	193.9	195.1
137.5°	145.1	152.3	161.8	166.6	171.3	172.5	178.4	182.0	185.6	186.8
140°	141.6	147.5	155.8	160.6	165.4	165.4	170.1	173.7	177.3	177.3
142.5°	138.0	143.9	151.1	155.8	159.4	159.4	164.2	166.6	170.1	170.1
145°	133.2	139.2	146.3	149.9	153.5	153.5	157.0	159.4	163.0	163.0
147.5°	128.5	134.4	141.6	143.9	147.5	147.5	151.1	153.5	155.8	155.8
150°	122.5	127.3	135.6	139.2	142.8	142.8	145.1	147.5	149.9	149.9
152.5°	117.8	121.3	128.5	133.2	136.8	136.8	139.2	141.6	143.9	143.9
155°	111.8	115.4	121.3	127.3	130.9	132.1	134.4	135.6	138.0	138.0
157.5°	107.1	110.6	115.4	120.2	123.7	126.1	129.7	130.9	132.1	132.1
160°	101.1	103.5	108.3	113.0	116.6	119.0	124.9	126.1	127.3	127.3
162.5°	98.7	98.7	101.1	104.7	108.3	109.4	115.4	120.2	122.5	121.3
165°	99.9	98.7	98.7	99.9	102.3	103.5	107.1	114.2	116.6	115.4
167.5°	102.3	99.9	98.7	98.7	101.1	101.1	104.7	110.6	117.8	115.4
170°	102.3	98.7	96.4	96.4	97.6	97.6	99.9	103.5	110.6	111.8
172.5°	101.1	98.7	95.2	90.4	91.6	90.4	89.2	91.6	92.8	104.7
175°	102.3	98.7	95.2	89.2	86.8	83.3	77.3	72.6	71.4	58.3
177.5°	101.1	97.6	92.8	88.0	85.7	80.9	73.8	65.4	60.7	53.5
180°	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4

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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	14.52	15.83	15.17	16.50	17.27	18.07	19.38	18.71	20.05	20.81
	3H	15.87	17.07	16.53	17.75	18.55	20.99	22.18	21.64	22.86	23.66
	4H	16.28	17.42	16.95	18.10	18.92	22.46	23.60	23.14	24.29	25.10
	6H	16.49	17.56	17.18	18.25	19.08	24.02	25.08	24.71	25.78	26.61
	8H	16.53	17.55	17.22	18.26	19.10	24.83	25.85	25.53	26.57	27.40
	12H	16.53	17.51	17.24	18.22	19.08	25.71	26.68	26.41	27.40	28.26
4H	2H	15.67	16.81	16.34	17.49	18.31	18.39	19.53	19.06	20.22	21.03
	3H	17.31	18.29	18.00	19.01	19.84	21.54	22.52	22.23	23.24	24.07
	4H	17.88	18.78	18.58	19.50	20.37	23.19	24.09	23.89	24.82	25.68
	6H	18.22	19.02	18.94	19.77	20.63	24.96	25.76	25.68	26.51	27.38
	8H	18.29	19.04	19.02	19.79	20.67	25.90	26.65	26.62	27.39	28.28
	12H	18.32	19.00	19.07	19.77	20.66	26.92	27.60	27.67	28.37	29.26
8H	4H	18.96	19.71	19.69	20.46	21.35	23.36	24.12	24.09	24.86	25.75
	6H	19.57	20.21	20.33	21.00	21.89	25.31	25.96	26.07	26.74	27.63
	8H	19.77	20.35	20.53	21.14	22.03	26.40	26.98	27.16	27.76	28.66
	12H	19.88	20.40	20.65	21.18	22.13	27.62	28.13	28.38	28.91	29.87
12H	4H	19.32	20.00	20.07	20.77	21.66	23.36	24.04	24.11	24.81	25.70
	6H	20.10	20.67	20.86	21.46	22.36	25.35	25.93	26.11	26.71	27.61
	8H	20.42	20.94	21.19	21.72	22.68	26.49	27.01	27.26	27.79	28.74