

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: P893626

Luminaire Tested: 4MB-5SL-FLTU-UNV-L835

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893626
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-5SL-FLTU-UNV-L835
Description: 5000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 350
Light Source: -
Ballast/Driver: -

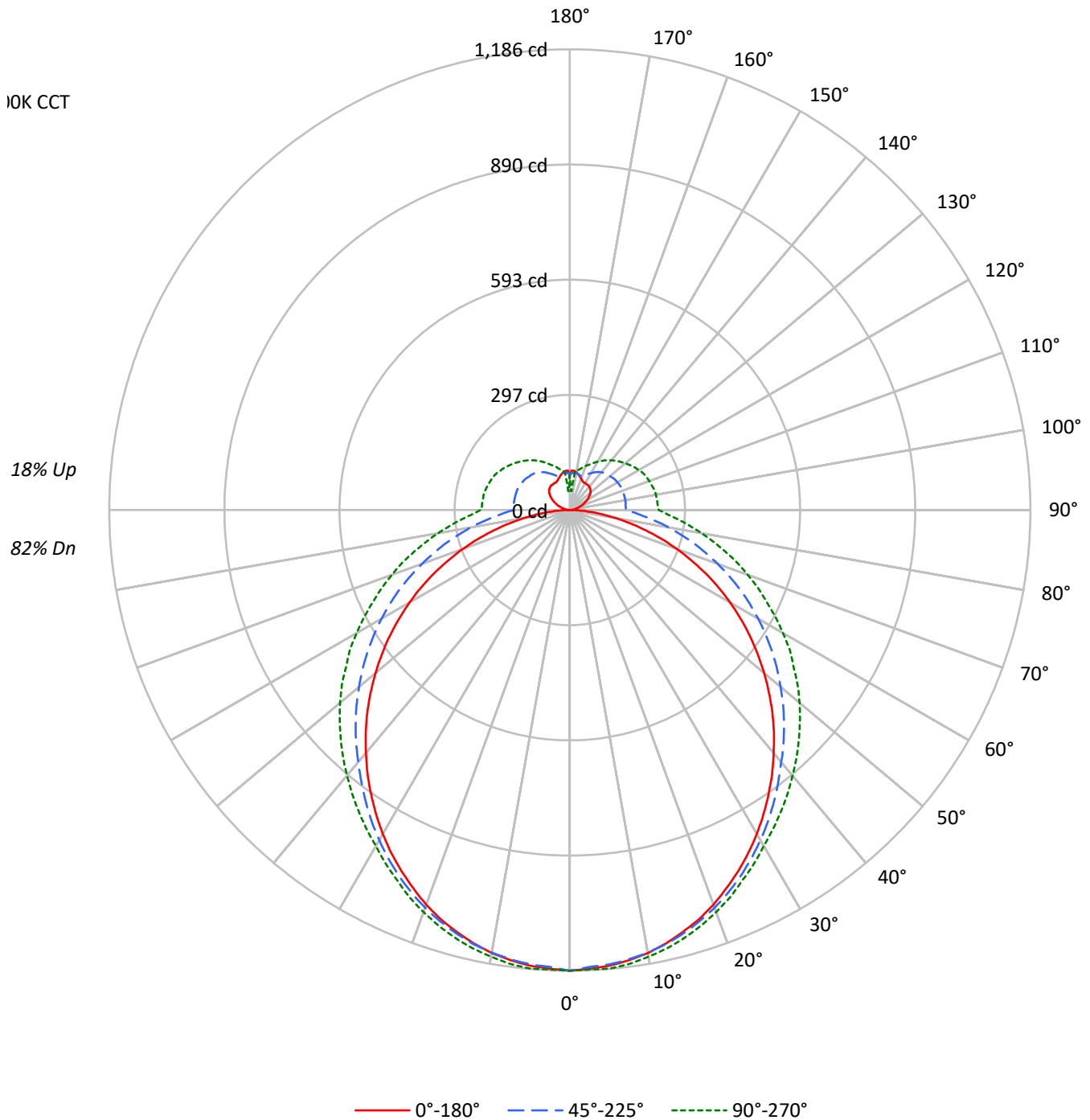
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4484.0 lumens
Efficiency: N/A
Efficacy: 128.1 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): 35
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.995
Total Harmonic Distortion (THDi): 9.55
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°	8439	8439	8439
5°	8371	8086	8076
10°	8289	7776	7693
15°	8168	7465	7326
20°	8032	7147	6954
25°	7861	6815	6577
30°	7680	6476	6233
35°	7478	6136	5950
40°	7266	5801	5679
45°	7054	5509	5422
50°	6806	5207	5172
55°	6538	4910	4892
60°	6218	4592	4627
65°	5836	4258	4326
70°	5338	3890	4047
75°	4659	3515	3746
80°	3766	3113	3436
85°	2600	2705	3153

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7054 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.1	2.5
10°-20°	319.9	7.1
20°-30°	480.6	10.7
30°-40°	577.1	12.9
40°-50°	606.9	13.5
50°-60°	570.2	12.7
60°-70°	474.1	10.6
70°-80°	338.3	7.5
80°-90°	201.4	4.5
90°-100°	145.8	3.3
100°-110°	143.8	3.2
110°-120°	135.1	3.0
120°-130°	119.7	2.7
130°-140°	99.2	2.2
140°-150°	74.3	1.7
150°-160°	48.8	1.1
160°-170°	27.7	0.6
170°-180°	8.8	0.2
0°-30°	912.7	20.4
0°-40°	1489.8	33.2
0°-60°	2666.9	59.5
0°-90°	3680.7	82.1
90°-120°	424.7	9.5
90°-150°	717.9	16.0
90°-180°	803.0	17.9
0°-180°	4484.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1186	1186	1186	1186	1186	
5°	1177	1192	1174	1177	1185	112
15°	1124	1142	1129	1136	1141	317
25°	1026	1045	1040	1050	1052	473
35°	892	913	916	939	948	558
45°	738	758	780	820	834	569
55°	566	589	636	688	703	506
65°	386	417	483	544	559	381
75°	203	248	330	394	415	215
85°	51	112	194	259	280	56
90°	0	64	144	207	229	4
95°	5	67	144	205	226	6
105°	21	75	145	203	222	22
115°	40	81	144	194	213	40
125°	61	87	140	182	196	54
135°	75	91	132	166	178	58
145°	79	89	119	147	156	50
155°	80	90	101	125	132	37
165°	92	98	94	95	110	26
175°	102	101	95	81	49	10
180°	89	89	89	89	89	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1
2.5°	1181.8	1185.0	1186.1	1196.9	1192.6	1196.9	1189.3	1180.7	1178.5	1183.9	1177.4
5°	1177.4	1180.7	1181.8	1192.6	1188.3	1191.5	1185.0	1176.3	1174.2	1180.7	1174.2
7.5°	1168.8	1172.0	1173.1	1185.0	1179.6	1183.9	1176.3	1167.7	1166.6	1173.1	1166.6
10°	1157.9	1161.2	1162.3	1173.1	1168.8	1173.1	1165.5	1156.8	1155.8	1163.3	1156.8
12.5°	1142.8	1146.0	1148.2	1159.0	1153.6	1159.0	1150.3	1141.7	1142.8	1149.3	1144.9
15°	1124.4	1128.7	1129.8	1140.6	1136.3	1141.7	1133.0	1124.4	1126.5	1133.0	1128.7
17.5°	1104.9	1109.2	1110.3	1120.0	1115.7	1122.2	1112.4	1104.9	1107.0	1113.5	1110.3
20°	1081.0	1085.4	1087.5	1097.3	1092.9	1099.4	1089.7	1083.2	1085.4	1092.9	1089.7
22.5°	1053.9	1060.4	1061.5	1072.4	1066.9	1073.4	1063.7	1058.3	1061.5	1069.1	1065.9
25°	1025.8	1032.3	1033.4	1044.2	1039.9	1045.3	1035.5	1030.1	1034.4	1042.0	1039.9
27.5°	995.5	1002.0	1004.1	1013.9	1009.5	1016.0	1005.2	1002.0	1006.3	1013.9	1011.7
30°	963.0	969.5	970.5	980.3	977.0	983.5	973.8	969.5	976.0	983.5	981.4
32.5°	928.3	934.8	938.0	946.7	943.5	948.9	940.2	938.0	943.5	951.0	950.0
35°	892.5	899.0	902.3	912.0	907.7	913.1	904.5	902.3	911.0	916.4	916.4
37.5°	855.7	862.2	865.5	875.2	869.8	876.3	867.6	866.6	876.3	881.7	881.7
40°	816.7	824.3	827.6	836.2	831.9	837.3	829.7	830.8	839.5	846.0	847.1
42.5°	777.7	785.3	788.6	798.3	792.9	798.3	791.8	792.9	802.6	809.1	814.6
45°	737.7	744.2	747.4	758.2	751.7	758.2	751.7	753.9	763.6	773.4	779.9
47.5°	695.4	701.9	707.3	716.0	710.6	716.0	711.7	714.9	726.8	736.6	745.2
50°	653.2	659.7	665.1	672.7	667.2	674.8	669.4	673.7	688.9	698.7	708.4
52.5°	609.8	615.3	623.9	628.3	623.9	632.6	628.3	634.7	649.9	661.8	672.7
55°	566.5	571.9	580.6	583.8	579.5	589.3	586.0	594.7	610.9	623.9	635.8
57.5°	522.1	527.5	535.1	538.3	535.1	545.9	544.8	554.6	570.8	584.9	597.9
60°	476.6	482.0	488.5	491.8	491.8	502.6	502.6	514.5	531.8	544.8	560.0
62.5°	432.2	435.4	441.9	446.3	449.5	460.4	460.4	473.4	491.8	506.9	522.1
65°	385.6	388.9	394.3	399.7	405.1	417.0	418.1	432.2	450.6	465.8	483.1
67.5°	339.0	342.3	347.7	354.2	361.8	373.7	375.9	391.0	410.5	427.9	444.1
70°	293.5	294.6	301.1	309.8	318.5	330.4	333.6	349.9	370.5	387.8	405.1
72.5°	248.1	249.1	255.6	266.5	276.2	289.2	293.5	310.9	331.5	348.8	366.1
75°	202.6	203.6	212.3	225.3	236.1	248.1	253.5	271.9	292.5	310.9	330.4
77.5°	159.2	161.4	170.1	183.1	196.1	210.1	215.6	234.0	256.7	274.0	292.5
80°	119.2	121.3	131.1	145.1	159.2	172.2	178.7	197.1	221.0	238.3	258.9
82.5°	82.3	85.6	97.5	112.7	126.7	140.8	147.3	164.6	186.3	205.8	225.3
85°	50.9	55.2	67.2	83.4	98.6	111.6	118.1	136.5	157.1	175.5	193.9
87.5°	23.8	30.3	42.2	58.5	74.7	85.6	93.2	111.6	131.1	149.5	167.9
90°	0.0	9.7	21.7	37.9	54.2	63.9	72.6	89.9	109.4	126.7	144.1
92.5°	2.2	10.8	23.8	39.0	55.2	65.0	73.7	91.0	109.4	126.7	144.1
95°	5.4	11.9	24.9	41.2	57.4	67.2	74.7	92.1	110.5	127.8	144.1
97.5°	9.7	15.2	28.2	43.3	59.6	68.2	76.9	94.2	111.6	128.9	145.1
100°	13.0	17.3	30.3	45.5	61.7	70.4	79.1	95.3	112.7	130.0	145.1
102.5°	16.2	21.7	33.6	47.7	63.9	72.6	80.2	96.4	113.7	130.0	145.1
105°	20.6	24.9	35.7	50.9	66.1	74.7	82.3	98.6	114.8	131.1	145.1
107.5°	24.9	28.2	39.0	53.1	68.2	75.8	83.4	99.7	115.9	131.1	145.1
110°	30.3	32.5	42.2	55.2	69.3	78.0	85.6	100.7	115.9	131.1	145.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	35.7	35.7	45.5	57.4	71.5	79.1	86.7	101.8	117.0	131.1	145.1
115°	40.1	41.2	48.7	59.6	73.7	81.2	87.7	101.8	117.0	131.1	144.1
117.5°	45.5	45.5	53.1	61.7	74.7	82.3	89.9	102.9	117.0	130.0	143.0
120°	50.9	49.8	56.3	65.0	76.9	83.4	91.0	104.0	117.0	130.0	141.9
122.5°	56.3	54.2	58.5	67.2	78.0	85.6	91.0	104.0	117.0	128.9	140.8
125°	60.7	58.5	61.7	70.4	80.2	86.7	92.1	104.0	117.0	127.8	139.7
127.5°	65.0	62.8	66.1	72.6	81.2	86.7	93.2	104.0	117.0	126.7	137.6
130°	69.3	66.1	70.4	74.7	83.4	87.7	93.2	104.0	115.9	125.7	135.4
132.5°	72.6	69.3	73.7	76.9	84.5	88.8	94.2	104.0	114.8	124.6	134.3
135°	74.7	71.5	76.9	79.1	86.7	91.0	95.3	104.0	113.7	123.5	132.1
137.5°	76.9	72.6	79.1	81.2	87.7	92.1	95.3	102.9	112.7	121.3	130.0
140°	78.0	74.7	81.2	83.4	86.7	91.0	95.3	101.8	110.5	119.2	126.7
142.5°	79.1	74.7	82.3	84.5	86.7	89.9	94.2	99.7	108.3	115.9	123.5
145°	79.1	75.8	82.3	84.5	86.7	88.8	92.1	98.6	105.1	111.6	119.2
147.5°	79.1	76.9	83.4	85.6	87.7	87.7	89.9	96.4	101.8	108.3	114.8
150°	80.2	76.9	83.4	85.6	88.8	88.8	89.9	93.2	99.7	104.0	109.4
152.5°	79.1	78.0	82.3	86.7	88.8	89.9	89.9	91.0	96.4	100.7	105.1
155°	80.2	80.2	83.4	88.8	89.9	89.9	91.0	89.9	92.1	96.4	100.7
157.5°	82.3	84.5	84.5	89.9	92.1	92.1	93.2	92.1	91.0	92.1	96.4
160°	85.6	87.7	87.7	91.0	94.2	94.2	95.3	94.2	93.2	92.1	92.1
162.5°	88.8	91.0	91.0	92.1	95.3	96.4	97.5	96.4	95.3	93.2	92.1
165°	92.1	94.2	94.2	94.2	96.4	97.5	98.6	97.5	97.5	95.3	94.2
167.5°	95.3	97.5	97.5	96.4	97.5	98.6	99.7	98.6	98.6	97.5	95.3
170°	98.6	100.7	100.7	98.6	99.7	99.7	100.7	99.7	99.7	97.5	96.4
172.5°	100.7	102.9	101.8	100.7	100.7	100.7	100.7	99.7	98.6	96.4	96.4
175°	101.8	104.0	104.0	101.8	100.7	100.7	101.8	99.7	98.6	97.5	95.3
177.5°	101.8	104.0	104.0	101.8	101.8	100.7	101.8	100.7	100.7	98.6	96.4
180°	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1	1186.1
2.5°	1181.8	1180.7	1174.2	1181.8	1181.8	1179.6	1188.3	1187.2	1186.1	1183.9
5°	1177.4	1176.3	1169.8	1177.4	1177.4	1176.3	1185.0	1186.1	1187.2	1185.0
7.5°	1170.9	1169.8	1163.3	1170.9	1170.9	1169.8	1179.6	1180.7	1181.8	1178.5
10°	1161.2	1160.1	1153.6	1161.2	1162.3	1161.2	1168.8	1169.8	1172.0	1167.7
12.5°	1148.2	1148.2	1141.7	1149.3	1150.3	1149.3	1156.8	1159.0	1161.2	1155.8
15°	1131.9	1133.0	1127.6	1135.2	1136.3	1136.3	1143.8	1144.9	1148.2	1140.6
17.5°	1112.4	1114.6	1110.3	1117.9	1118.9	1120.0	1124.4	1127.6	1130.9	1122.2
20°	1091.9	1092.9	1089.7	1096.2	1098.4	1097.3	1102.7	1107.0	1110.3	1101.6
22.5°	1066.9	1068.0	1064.8	1071.3	1073.4	1074.5	1078.9	1084.3	1086.4	1078.9
25°	1038.8	1043.1	1040.9	1047.4	1049.6	1049.6	1053.9	1059.4	1062.6	1051.8
27.5°	1011.7	1017.1	1014.9	1021.4	1023.6	1024.7	1026.9	1033.4	1036.6	1026.9
30°	981.4	987.9	986.8	993.3	995.5	994.4	998.7	1005.2	1009.5	998.7
32.5°	947.8	956.5	955.4	964.0	966.2	967.3	970.5	979.2	983.5	973.8
35°	915.3	925.0	926.1	935.9	939.1	940.2	944.5	953.2	957.5	947.8
37.5°	881.7	894.7	898.0	907.7	911.0	912.0	916.4	926.1	930.5	920.7
40°	849.2	864.4	868.7	877.4	880.6	883.9	887.1	896.9	902.3	892.5
42.5°	816.7	833.0	838.4	847.1	850.3	853.6	857.9	868.7	873.1	864.4
45°	783.1	800.5	807.0	815.6	820.0	823.2	827.6	837.3	842.7	834.1
47.5°	749.6	766.9	773.4	783.1	787.5	791.8	795.1	807.0	812.4	803.7
50°	713.8	733.3	740.9	749.6	756.1	759.3	763.6	774.5	779.9	772.3
52.5°	678.1	698.7	707.3	716.0	722.5	727.9	730.1	742.0	747.4	739.8
55°	641.2	661.8	671.6	681.3	687.8	694.3	696.5	708.4	713.8	703.0
57.5°	604.4	626.1	635.8	646.7	652.1	659.7	662.9	673.7	679.2	671.6
60°	567.6	588.2	600.1	609.8	617.4	623.9	626.1	638.0	643.4	633.7
62.5°	529.7	551.3	563.3	574.1	580.6	588.2	591.4	602.3	606.6	596.8
65°	490.7	512.3	525.3	535.1	543.8	550.3	552.4	564.3	568.7	558.9
67.5°	451.7	473.4	487.4	498.3	505.9	513.4	515.6	527.5	531.8	524.3
70°	413.8	435.4	449.5	462.5	467.9	475.5	478.8	489.6	493.9	487.4
72.5°	375.9	397.5	412.7	425.7	431.1	438.7	443.0	451.7	458.2	452.8
75°	339.0	360.7	375.9	388.9	394.3	401.9	406.2	414.9	419.2	414.9
77.5°	303.3	325.0	339.0	352.0	358.5	365.0	369.4	378.0	383.4	379.1
80°	268.6	290.3	304.4	316.3	322.8	329.3	333.6	343.4	347.7	344.5
82.5°	236.1	256.7	271.9	283.8	290.3	296.8	301.1	309.8	315.2	310.9
85°	206.9	227.5	241.6	253.5	258.9	265.4	269.7	278.4	282.7	280.5
87.5°	178.7	197.1	213.4	225.3	230.7	237.2	242.6	249.1	254.5	251.3
90°	157.1	173.3	188.5	200.4	206.9	213.4	219.9	226.4	230.7	228.6
92.5°	158.1	173.3	187.4	198.2	204.7	211.2	217.7	225.3	228.6	226.4
95°	158.1	173.3	187.4	198.2	204.7	211.2	217.7	225.3	228.6	226.4
97.5°	158.1	173.3	187.4	198.2	204.7	211.2	217.7	225.3	228.6	225.3
100°	158.1	173.3	187.4	198.2	204.7	210.1	216.6	224.2	227.5	225.3
102.5°	158.1	173.3	186.3	197.1	203.6	209.1	215.6	223.1	226.4	224.2
105°	158.1	172.2	186.3	196.1	202.6	208.0	214.5	221.0	224.2	222.1
107.5°	157.1	171.1	184.1	195.0	200.4	205.8	212.3	218.8	222.1	219.9
110°	157.1	170.1	183.1	192.8	198.2	203.6	210.1	216.6	219.9	217.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	156.0	169.0	182.0	190.6	196.1	201.5	206.9	214.5	217.7	215.6
115°	154.9	167.9	179.8	188.5	193.9	198.2	204.7	212.3	214.5	213.4
117.5°	153.8	165.7	177.6	186.3	191.7	196.1	201.5	208.0	211.2	210.1
120°	152.7	163.6	175.5	183.1	188.5	192.8	197.1	203.6	206.9	204.7
122.5°	150.6	161.4	173.3	180.9	185.2	189.6	193.9	199.3	202.6	201.5
125°	148.4	159.2	170.1	177.6	182.0	185.2	189.6	195.0	197.1	196.1
127.5°	146.2	157.1	166.8	173.3	178.7	182.0	185.2	190.6	192.8	191.7
130°	144.1	153.8	163.6	170.1	174.4	177.6	180.9	186.3	187.4	187.4
132.5°	141.9	150.6	160.3	166.8	171.1	173.3	176.6	180.9	183.1	182.0
135°	139.7	147.3	157.1	162.5	165.7	169.0	172.2	176.6	177.6	177.6
137.5°	136.5	144.1	152.7	158.1	161.4	163.6	166.8	171.1	172.2	172.2
140°	133.2	140.8	148.4	152.7	157.1	159.2	161.4	165.7	166.8	166.8
142.5°	130.0	136.5	144.1	148.4	152.7	153.8	157.1	160.3	161.4	161.4
145°	125.7	133.2	139.7	144.1	147.3	148.4	151.6	154.9	154.9	156.0
147.5°	120.2	126.7	135.4	138.6	141.9	143.0	146.2	148.4	149.5	149.5
150°	114.8	121.3	128.9	134.3	137.6	138.6	139.7	143.0	143.0	144.1
152.5°	109.4	114.8	122.4	127.8	132.1	133.2	134.3	136.5	136.5	137.6
155°	104.0	108.3	114.8	120.2	124.6	126.7	128.9	131.1	131.1	132.1
157.5°	99.7	104.0	109.4	113.7	117.0	120.2	123.5	125.7	125.7	125.7
160°	94.2	97.5	102.9	106.2	110.5	112.7	118.1	120.2	120.2	121.3
162.5°	91.0	92.1	95.3	98.6	101.8	104.0	109.4	114.8	114.8	115.9
165°	92.1	91.0	92.1	93.2	95.3	96.4	99.7	107.2	109.4	110.5
167.5°	94.2	91.0	91.0	91.0	93.2	93.2	96.4	100.7	108.3	106.2
170°	94.2	91.0	88.8	88.8	89.9	88.8	91.0	94.2	98.6	102.9
172.5°	95.3	92.1	88.8	84.5	85.6	84.5	82.3	82.3	83.4	97.5
175°	94.2	92.1	87.7	82.3	81.2	78.0	71.5	66.1	62.8	48.7
177.5°	93.2	89.9	86.7	82.3	80.2	76.9	69.3	60.7	52.0	49.8
180°	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8



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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	15.09	16.41	15.71	17.05	17.77	17.64	18.96	18.26	19.60	20.32
	3H	16.50	17.70	17.13	18.34	19.10	20.07	21.27	20.70	21.92	22.67
	4H	16.93	18.06	17.57	18.72	19.49	21.21	22.35	21.86	23.01	23.78
	6H	17.16	18.22	17.83	18.89	19.67	22.35	23.41	23.01	24.07	24.86
	8H	17.21	18.22	17.88	18.91	19.69	22.91	23.92	23.58	24.61	25.40
	12H	17.22	18.19	17.90	18.87	19.68	23.49	24.46	24.17	25.14	25.96
4H	2H	15.98	17.12	16.63	17.77	18.54	17.99	19.13	18.64	19.79	20.56
	3H	17.61	18.57	18.27	19.27	20.05	20.62	21.59	21.29	22.28	23.07
	4H	18.16	19.05	18.84	19.74	20.56	21.92	22.80	22.60	23.50	24.32
	6H	18.50	19.28	19.20	20.00	20.83	23.23	24.00	23.92	24.73	25.55
	8H	18.58	19.31	19.28	20.03	20.87	23.88	24.62	24.59	25.33	26.17
	12H	18.61	19.27	19.33	20.01	20.86	24.58	25.25	25.31	25.99	26.84
8H	4H	18.81	19.54	19.51	20.26	21.10	22.07	22.80	22.77	23.52	24.36
	6H	19.32	19.93	20.05	20.69	21.54	23.52	24.14	24.26	24.90	25.74
	8H	19.47	20.03	20.22	20.79	21.65	24.30	24.86	25.05	25.62	26.48
	12H	19.56	20.06	20.31	20.81	21.72	25.16	25.66	25.91	26.41	27.33
12H	4H	18.98	19.64	19.70	20.38	21.23	22.06	22.72	22.78	23.46	24.31
	6H	19.57	20.13	20.32	20.89	21.75	23.54	24.10	24.29	24.86	25.72
	8H	19.81	20.30	20.56	21.05	21.97	24.37	24.87	25.12	25.62	26.54