

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: P895162

Luminaire Tested: 8TMB-6SL-RNDU-UNV-L935

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895162
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: 8TMB-6SL-RNDU-UNV-L935
Description: 6000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 5
Light Source: -
Ballast/Driver: -

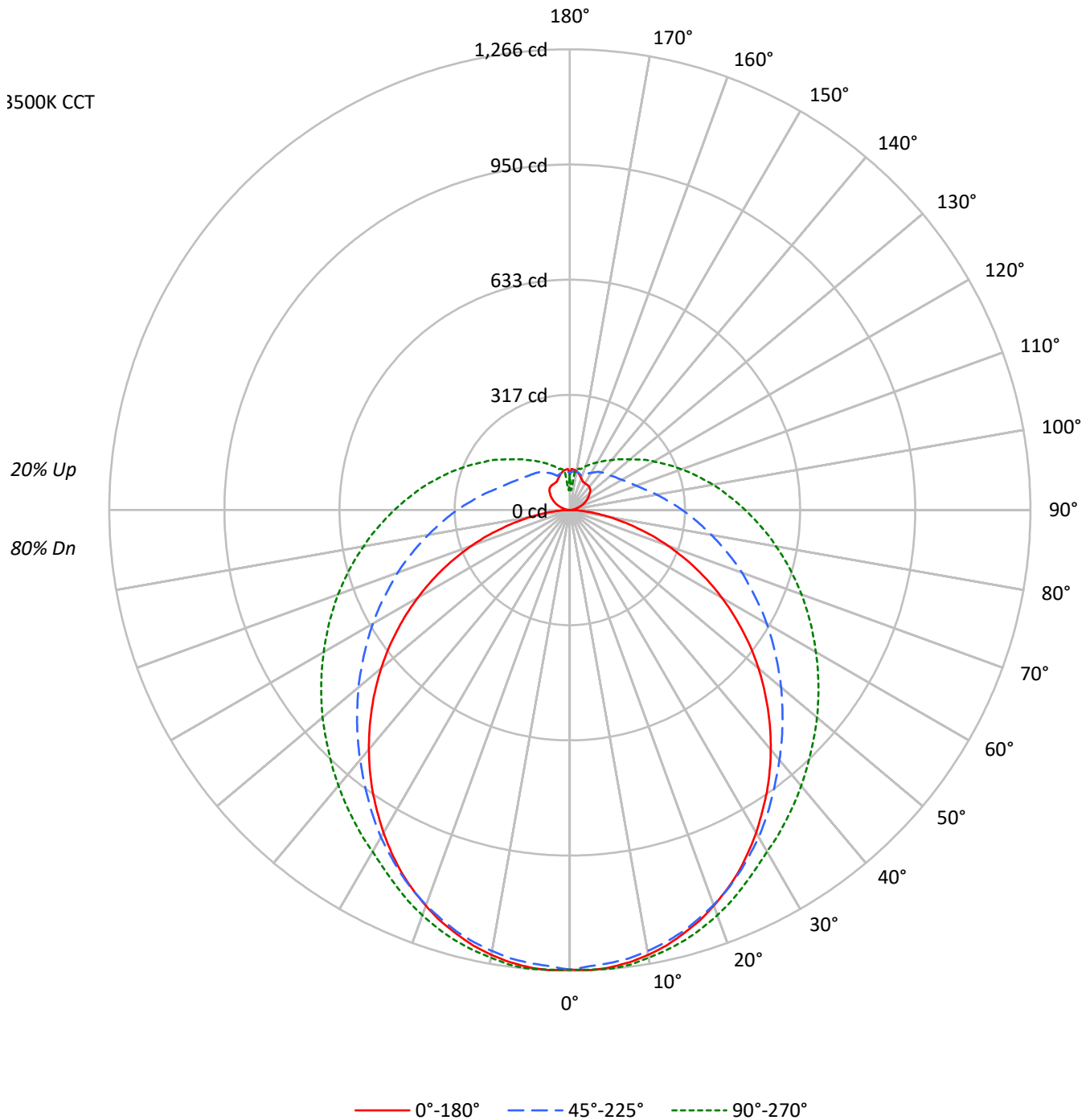
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5313.0 lumens
Efficiency: N/A
Efficacy: 125.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 7.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 42.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.51
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
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°	4482	4482	4482
5°	4485	4299	4301
10°	4452	4138	4103
15°	4397	3974	3919
20°	4329	3800	3731
25°	4244	3624	3542
30°	4133	3447	3374
35°	4018	3263	3251
40°	3895	3098	3138
45°	3761	2951	3039
50°	3623	2821	2962
55°	3462	2702	2895
60°	3281	2604	2844
65°	3058	2519	2816
70°	2780	2470	2807
75°	2402	2437	2819
80°	1947	2447	2864
85°	1358	2524	2957

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3761 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.5	2.2
10°-20°	340.8	6.4
20°-30°	511.6	9.6
30°-40°	615.2	11.6
40°-50°	651.9	12.3
50°-60°	627.7	11.8
60°-70°	555.6	10.5
70°-80°	455.7	8.6
80°-90°	353.6	6.7
90°-100°	274.4	5.2
100°-110°	217.5	4.1
110°-120°	173.2	3.3
120°-130°	137.6	2.6
130°-140°	107.4	2.0
140°-150°	79.1	1.5
150°-160°	52.3	1.0
160°-170°	30.1	0.6
170°-180°	9.7	0.2
0°-30°	971.9	18.3
0°-40°	1587.2	29.9
0°-60°	2866.8	54.0
0°-90°	4231.6	79.6
90°-120°	665.1	12.5
90°-150°	989.3	18.6
90°-180°	1081.0	20.3
0°-180°	5313.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1263	1263	1263	1263	1263	
5°	1262	1263	1250	1260	1266	120
15°	1206	1207	1200	1218	1224	340
25°	1097	1101	1101	1129	1136	505
35°	945	957	968	1018	1038	591
45°	769	787	827	905	938	594
55°	580	609	690	792	834	519
65°	385	438	561	679	730	381
75°	192	288	447	573	626	206
85°	43	174	350	477	528	50
90°	1	137	309	433	482	3
95°	6	113	273	391	439	6
105°	22	91	215	320	362	23
115°	43	88	179	261	296	42
125°	62	91	156	215	242	56
135°	79	97	141	180	197	61
145°	84	96	127	155	165	53
155°	85	100	109	132	139	40
165°	101	107	103	103	117	28
175°	112	111	106	88	59	11
180°	97	97	97	97	97	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2
2.5°	1265.6	1264.4	1266.8	1269.2	1276.4	1266.8	1271.6	1258.4	1259.6	1260.8	1254.8
5°	1262.0	1258.4	1262.0	1264.4	1270.4	1263.2	1268.0	1253.6	1254.8	1257.2	1250.0
7.5°	1253.6	1250.0	1252.4	1254.8	1260.8	1253.6	1259.6	1245.1	1247.5	1248.8	1242.7
10°	1241.5	1236.7	1239.1	1242.7	1247.5	1241.5	1246.3	1233.1	1234.3	1236.7	1230.7
12.5°	1225.9	1221.1	1223.5	1225.9	1231.9	1225.9	1230.7	1217.5	1219.9	1222.3	1216.3
15°	1205.5	1200.7	1203.1	1205.5	1210.3	1206.7	1211.5	1198.3	1200.7	1205.5	1199.5
17.5°	1183.9	1176.6	1179.0	1182.6	1187.5	1185.1	1188.7	1177.8	1179.0	1183.9	1177.8
20°	1157.4	1150.2	1152.6	1156.2	1161.0	1159.8	1162.2	1152.6	1155.0	1161.0	1155.0
22.5°	1128.6	1121.4	1123.8	1128.6	1132.2	1132.2	1133.4	1126.2	1128.6	1134.6	1129.8
25°	1097.3	1090.1	1092.5	1097.3	1100.9	1100.9	1103.3	1096.1	1099.7	1105.7	1100.9
27.5°	1061.3	1057.7	1057.7	1062.5	1064.9	1067.3	1068.5	1062.5	1067.3	1073.3	1069.7
30°	1024.0	1019.2	1021.6	1027.6	1027.6	1032.4	1032.4	1027.6	1033.6	1040.8	1038.4
32.5°	984.3	980.7	981.9	989.1	989.1	995.2	994.0	991.5	997.6	1006.0	1003.6
35°	944.7	941.1	942.3	949.5	949.5	956.7	954.3	954.3	960.3	969.9	967.5
37.5°	902.6	900.2	901.4	908.6	908.6	915.8	913.4	914.6	921.8	932.7	931.5
40°	859.3	856.9	859.3	865.4	867.8	873.8	871.4	873.8	883.4	893.0	896.6
42.5°	814.9	813.7	816.1	822.1	824.5	830.5	829.3	832.9	842.5	856.9	861.7
45°	769.2	769.2	771.6	777.6	780.0	787.2	786.0	790.8	802.9	818.5	826.9
47.5°	723.5	724.7	725.9	733.1	733.1	745.2	741.6	748.8	764.4	782.4	792.0
50°	676.7	679.1	680.3	686.3	688.7	699.5	697.1	709.1	725.9	745.2	758.4
52.5°	629.8	632.2	634.6	639.4	641.8	655.0	652.6	668.2	688.7	709.1	723.5
55°	580.5	585.3	586.5	592.5	596.1	609.4	609.4	627.4	649.0	671.9	689.9
57.5°	532.4	537.2	538.4	545.7	550.5	566.1	568.5	588.9	613.0	635.8	657.4
60°	483.2	489.2	490.4	497.6	506.0	522.8	526.4	549.3	575.7	599.7	625.0
62.5°	433.9	439.9	442.3	449.5	462.7	479.5	485.6	512.0	539.6	566.1	593.7
65°	384.6	390.6	394.2	403.8	419.5	437.5	445.9	473.5	504.8	532.4	561.3
67.5°	335.3	342.5	347.3	359.4	379.8	399.0	407.4	438.7	471.1	501.2	531.2
70°	287.2	294.5	300.5	316.1	340.1	359.4	370.2	403.8	437.5	469.9	503.6
72.5°	240.4	247.6	256.0	275.2	301.7	323.3	335.3	370.2	407.4	439.9	474.7
75°	192.3	200.7	210.3	236.8	266.8	288.5	301.7	338.9	377.4	409.8	447.1
77.5°	149.0	157.4	171.9	198.3	232.0	256.0	270.4	310.1	349.7	382.2	420.7
80°	109.4	117.8	137.0	165.9	200.7	223.5	241.6	282.4	323.3	357.0	395.4
82.5°	74.5	82.9	105.8	137.0	174.3	197.1	213.9	257.2	298.1	332.9	371.4
85°	43.3	55.3	79.3	113.0	151.4	174.3	191.1	235.6	275.2	310.1	349.7
87.5°	19.2	33.7	60.1	93.7	132.2	153.8	171.9	212.7	254.8	289.7	329.3
90°	1.2	19.2	46.9	79.3	116.6	137.0	153.8	194.7	234.4	270.4	308.9
92.5°	2.4	13.2	38.5	68.5	103.4	123.8	140.6	179.1	216.3	253.6	290.9
95°	6.0	13.2	33.7	61.3	93.7	113.0	128.6	165.9	200.7	236.8	272.8
97.5°	9.6	14.4	32.5	57.7	86.5	104.6	119.0	153.8	188.7	221.1	257.2
100°	13.2	18.0	32.5	55.3	81.7	98.6	111.8	144.2	176.7	206.7	242.8
102.5°	16.8	21.6	34.9	55.3	79.3	93.7	107.0	137.0	167.1	194.7	228.4
105°	21.6	25.2	37.3	55.3	76.9	91.3	102.2	129.8	158.6	185.1	215.1
107.5°	26.4	28.8	39.7	56.5	76.9	88.9	99.8	125.0	151.4	175.5	204.3
110°	32.5	33.7	43.3	58.9	76.9	87.7	97.4	121.4	145.4	168.3	194.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	37.3	37.3	46.9	61.3	76.9	87.7	96.2	117.8	140.6	161.1	186.3
115°	43.3	43.3	50.5	63.7	78.1	87.7	96.2	116.6	137.0	155.0	179.1
117.5°	48.1	48.1	55.3	66.1	80.5	88.9	96.2	114.2	133.4	150.2	171.9
120°	52.9	52.9	57.7	68.5	81.7	90.1	96.2	113.0	129.8	146.6	165.9
122.5°	57.7	57.7	61.3	72.1	82.9	90.1	96.2	111.8	127.4	141.8	159.8
125°	62.5	62.5	64.9	74.5	85.3	91.3	97.4	111.8	126.2	138.2	156.2
127.5°	67.3	66.1	69.7	78.1	86.5	92.5	98.6	111.8	123.8	135.8	151.4
130°	70.9	69.7	74.5	80.5	88.9	93.7	98.6	110.6	122.6	133.4	146.6
132.5°	75.7	73.3	79.3	81.7	91.3	96.2	99.8	110.6	121.4	131.0	144.2
135°	79.3	76.9	82.9	85.3	92.5	97.4	101.0	110.6	120.2	129.8	140.6
137.5°	81.7	80.5	86.5	88.9	93.7	98.6	102.2	110.6	119.0	127.4	138.2
140°	82.9	81.7	86.5	91.3	93.7	98.6	101.0	109.4	117.8	125.0	134.6
142.5°	84.1	84.1	87.7	92.5	93.7	97.4	101.0	108.2	115.4	121.4	132.2
145°	84.1	84.1	87.7	93.7	94.9	96.2	98.6	105.8	111.8	117.8	127.4
147.5°	84.1	84.1	88.9	93.7	96.2	97.4	96.2	103.4	109.4	114.2	122.6
150°	84.1	84.1	88.9	93.7	97.4	98.6	97.4	101.0	105.8	110.6	117.8
152.5°	85.3	85.3	88.9	93.7	97.4	98.6	98.6	98.6	102.2	107.0	114.2
155°	85.3	86.5	88.9	96.2	98.6	99.8	99.8	99.8	98.6	103.4	109.4
157.5°	88.9	90.1	91.3	97.4	99.8	101.0	101.0	101.0	99.8	98.6	104.6
160°	92.5	93.7	94.9	99.8	102.2	103.4	103.4	103.4	101.0	99.8	99.8
162.5°	96.2	98.6	98.6	101.0	103.4	104.6	104.6	105.8	103.4	102.2	101.0
165°	101.0	102.2	102.2	103.4	105.8	107.0	105.8	107.0	105.8	104.6	103.4
167.5°	104.6	105.8	105.8	107.0	107.0	108.2	108.2	108.2	107.0	105.8	105.8
170°	108.2	109.4	109.4	109.4	109.4	109.4	109.4	109.4	108.2	105.8	105.8
172.5°	110.6	111.8	111.8	110.6	110.6	110.6	110.6	109.4	107.0	105.8	105.8
175°	111.8	113.0	113.0	111.8	110.6	110.6	110.6	109.4	107.0	105.8	105.8
177.5°	113.0	114.2	113.0	113.0	110.6	110.6	110.6	110.6	108.2	107.0	105.8
180°	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2	1263.2
2.5°	1262.0	1247.5	1257.2	1258.4	1263.2	1258.4	1262.0	1258.4	1268.0	1264.4
5°	1257.2	1243.9	1252.4	1253.6	1259.6	1253.6	1259.6	1257.2	1269.2	1265.6
7.5°	1248.8	1237.9	1245.1	1246.3	1253.6	1247.5	1253.6	1251.2	1265.6	1260.8
10°	1236.7	1228.3	1235.5	1236.7	1243.9	1237.9	1242.7	1240.3	1256.0	1248.8
12.5°	1223.5	1216.3	1222.3	1223.5	1231.9	1225.9	1231.9	1229.5	1245.1	1237.9
15°	1204.3	1200.7	1206.7	1209.1	1217.5	1212.7	1218.7	1216.3	1233.1	1223.5
17.5°	1185.1	1182.6	1188.7	1191.1	1200.7	1194.7	1200.7	1198.3	1215.1	1205.5
20°	1161.0	1159.8	1165.8	1169.4	1177.8	1171.8	1179.0	1176.6	1194.7	1185.1
22.5°	1135.8	1135.8	1140.6	1144.2	1152.6	1147.8	1155.0	1153.8	1171.8	1162.2
25°	1108.1	1109.3	1114.1	1118.9	1128.6	1125.0	1131.0	1131.0	1147.8	1135.8
27.5°	1076.9	1082.9	1086.5	1092.5	1100.9	1097.3	1103.3	1104.5	1121.4	1109.3
30°	1044.4	1052.8	1056.5	1063.7	1070.9	1070.9	1076.9	1079.3	1096.1	1084.1
32.5°	1010.8	1020.4	1025.2	1034.8	1044.4	1044.4	1052.8	1056.5	1073.3	1062.5
35°	977.1	990.3	996.4	1008.4	1018.0	1019.2	1027.6	1032.4	1049.2	1038.4
37.5°	944.7	961.5	967.5	981.9	990.3	992.8	1002.4	1008.4	1024.0	1014.4
40°	911.0	931.5	938.7	954.3	961.5	966.3	975.9	983.1	997.6	989.1
42.5°	878.6	901.4	908.6	925.4	933.9	938.7	948.3	957.9	972.3	963.9
45°	846.1	871.4	879.8	897.8	905.0	912.2	923.0	931.5	944.7	937.5
47.5°	814.9	841.3	849.7	869.0	877.4	885.8	895.4	907.4	919.4	912.2
50°	782.4	810.1	820.9	841.3	848.5	858.1	870.2	881.0	893.0	887.0
52.5°	751.2	780.0	790.8	812.5	820.9	830.5	842.5	854.5	865.4	860.5
55°	717.5	748.8	760.8	783.6	792.0	801.7	814.9	828.1	837.7	834.1
57.5°	686.3	718.7	730.7	756.0	763.2	775.2	788.4	802.9	811.3	807.7
60°	655.0	687.5	701.9	727.1	735.5	747.6	760.8	776.4	783.6	781.2
62.5°	623.8	657.4	673.1	699.5	706.7	719.9	735.5	748.8	756.0	754.8
65°	594.9	627.4	645.4	671.9	679.1	693.5	707.9	722.3	729.5	729.5
67.5°	564.9	599.7	617.8	645.4	651.4	667.0	682.7	697.1	703.1	703.1
70°	537.2	570.9	591.3	619.0	625.0	639.4	656.2	671.9	676.7	677.9
72.5°	509.6	543.2	564.9	593.7	599.7	614.2	629.8	646.6	650.2	651.4
75°	483.2	516.8	538.4	567.3	573.3	587.7	604.5	620.2	625.0	626.2
77.5°	456.7	490.4	514.4	542.0	548.1	562.5	579.3	594.9	598.5	600.9
80°	432.7	465.1	488.0	518.0	524.0	538.4	554.1	569.7	572.1	575.7
82.5°	408.6	441.1	465.1	494.0	500.0	514.4	530.0	545.7	548.1	552.9
85°	385.8	418.3	442.3	469.9	477.1	490.4	507.2	521.6	524.0	527.6
87.5°	365.4	395.4	420.7	447.1	454.3	467.5	484.4	498.8	500.0	504.8
90°	343.7	373.8	399.0	425.5	432.7	444.7	461.5	475.9	478.3	482.0
92.5°	325.7	353.4	379.8	405.0	411.0	424.3	439.9	454.3	456.7	460.3
95°	306.5	334.1	360.6	384.6	390.6	403.8	418.3	432.7	435.1	438.7
97.5°	289.7	316.1	341.3	365.4	371.4	383.4	399.0	412.2	414.6	419.5
100°	274.0	299.3	325.7	347.3	353.4	365.4	379.8	393.0	395.4	400.2
102.5°	259.6	283.6	308.9	329.3	336.5	347.3	361.8	373.8	376.2	379.8
105°	246.4	269.2	293.3	312.5	319.7	330.5	343.7	355.8	358.2	361.8
107.5°	233.2	254.8	277.6	296.9	302.9	312.5	325.7	337.7	340.1	344.9
110°	221.1	242.8	264.4	282.4	289.7	296.9	310.1	320.9	323.3	326.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	210.3	229.6	251.2	268.0	274.0	282.4	293.3	304.1	306.5	311.3
115°	200.7	218.7	240.4	256.0	260.8	268.0	280.0	289.7	292.1	295.7
117.5°	192.3	207.9	227.2	242.8	248.8	254.8	265.6	274.0	277.6	280.0
120°	185.1	199.5	216.3	230.8	238.0	242.8	252.4	260.8	264.4	266.8
122.5°	177.9	191.1	206.7	219.9	226.0	229.6	240.4	247.6	251.2	254.8
125°	171.9	183.9	198.3	209.1	215.1	218.7	228.4	235.6	239.2	241.6
127.5°	165.9	176.7	191.1	199.5	205.5	207.9	216.3	223.5	227.2	228.4
130°	159.8	170.7	182.7	191.1	195.9	199.5	206.7	211.5	215.1	216.3
132.5°	155.0	164.7	175.5	183.9	188.7	189.9	197.1	201.9	205.5	206.7
135°	151.4	158.6	169.5	176.7	180.3	182.7	188.7	192.3	195.9	197.1
137.5°	146.6	153.8	163.5	168.3	173.1	174.3	180.3	183.9	187.5	188.7
140°	143.0	149.0	157.4	162.3	167.1	167.1	171.9	175.5	179.1	179.1
142.5°	139.4	145.4	152.6	157.4	161.1	161.1	165.9	168.3	171.9	171.9
145°	134.6	140.6	147.8	151.4	155.0	155.0	158.6	161.1	164.7	164.7
147.5°	129.8	135.8	143.0	145.4	149.0	149.0	152.6	155.0	157.4	157.4
150°	123.8	128.6	137.0	140.6	144.2	144.2	146.6	149.0	151.4	151.4
152.5°	119.0	122.6	129.8	134.6	138.2	138.2	140.6	143.0	145.4	145.4
155°	113.0	116.6	122.6	128.6	132.2	133.4	135.8	137.0	139.4	139.4
157.5°	108.2	111.8	116.6	121.4	125.0	127.4	131.0	132.2	133.4	133.4
160°	102.2	104.6	109.4	114.2	117.8	120.2	126.2	127.4	128.6	128.6
162.5°	99.8	99.8	102.2	105.8	109.4	110.6	116.6	121.4	123.8	122.6
165°	101.0	99.8	99.8	101.0	103.4	104.6	108.2	115.4	117.8	116.6
167.5°	103.4	101.0	99.8	99.8	102.2	102.2	105.8	111.8	119.0	116.6
170°	103.4	99.8	97.4	97.4	98.6	98.6	101.0	104.6	111.8	113.0
172.5°	102.2	99.8	96.2	91.3	92.5	91.3	90.1	92.5	93.7	105.8
175°	103.4	99.8	96.2	90.1	87.7	84.1	78.1	73.3	72.1	58.9
177.5°	102.2	98.6	93.7	88.9	86.5	81.7	74.5	66.1	61.3	54.1
180°	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4



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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	12.17	13.48	12.81	14.14	14.91	15.79	17.10	16.43	17.77	18.54
	3H	13.51	14.71	14.17	15.39	16.19	18.75	19.94	19.40	20.62	21.42
	4H	13.92	15.06	14.59	15.74	16.56	20.25	21.39	20.93	22.08	22.89
	6H	14.13	15.19	14.82	15.89	16.72	21.86	22.92	22.55	23.62	24.45
	8H	14.17	15.18	14.86	15.90	16.73	22.71	23.73	23.41	24.45	25.28
	12H	14.17	15.15	14.87	15.86	16.72	23.66	24.63	24.36	25.35	26.21
4H	2H	13.32	14.46	14.00	15.15	15.96	16.11	17.24	16.78	17.93	18.75
	3H	14.97	15.94	15.65	16.67	17.50	19.29	20.27	19.98	20.99	21.82
	4H	15.53	16.43	16.24	17.16	18.02	20.97	21.87	21.67	22.60	23.46
	6H	15.87	16.67	16.59	17.42	18.29	22.79	23.59	23.51	24.34	25.20
	8H	15.95	16.70	16.67	17.45	18.33	23.76	24.51	24.49	25.26	26.15
	12H	15.97	16.66	16.72	17.43	18.32	24.85	25.53	25.60	26.30	27.19
8H	4H	16.64	17.39	17.37	18.14	19.02	21.14	21.89	21.87	22.64	23.52
	6H	17.25	17.89	18.00	18.68	19.56	23.14	23.78	23.89	24.56	25.45
	8H	17.44	18.02	18.21	18.81	19.71	24.26	24.83	25.02	25.62	26.52
	12H	17.56	18.07	18.33	18.85	19.81	25.53	26.05	26.30	26.83	27.78
12H	4H	17.01	17.69	17.75	18.46	19.35	21.13	21.82	21.88	22.59	23.48
	6H	17.78	18.36	18.55	19.15	20.05	23.16	23.74	23.93	24.53	25.43
	8H	18.11	18.63	18.88	19.41	20.36	24.35	24.86	25.12	25.64	26.60