

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: P893741

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893741
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-6SL-FLTU-UNV-L930
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 300
Light Source: -
Ballast/Driver: -

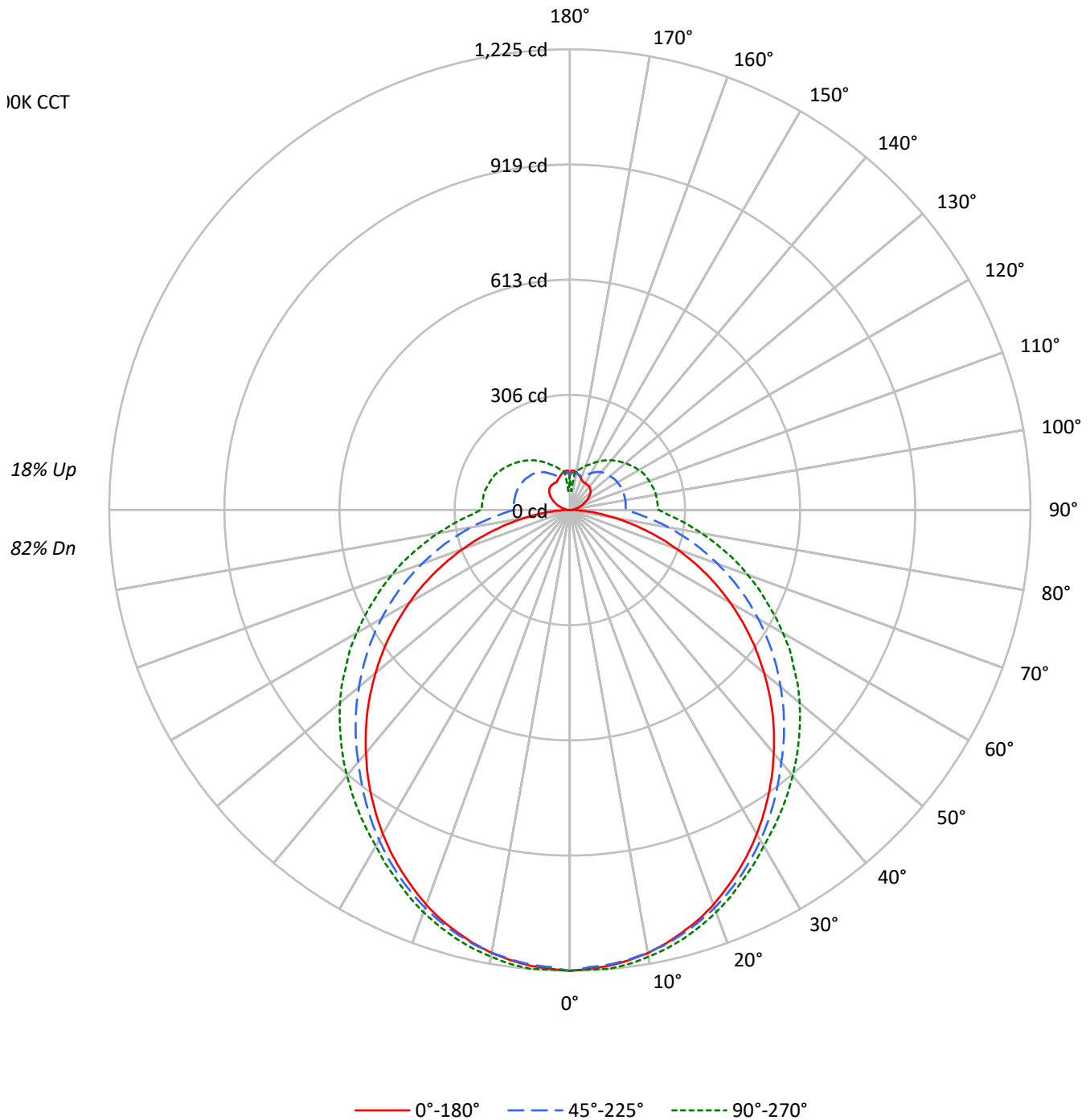
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4632.0 lumens
Efficiency: N/A
Efficacy: 104.3 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): 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	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°	8717	8717	8717
5°	8647	8353	8343
10°	8562	8032	7947
15°	8437	7711	7568
20°	8297	7383	7184
25°	8120	7040	6794
30°	7932	6690	6439
35°	7725	6338	6146
40°	7506	5993	5866
45°	7286	5691	5601
50°	7030	5379	5342
55°	6754	5072	5054
60°	6423	4744	4779
65°	6029	4398	4469
70°	5514	4019	4181
75°	4811	3631	3869
80°	3889	3216	3549
85°	2686	2794	3257

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7286 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.8	2.5
10°-20°	330.5	7.1
20°-30°	496.5	10.7
30°-40°	596.2	12.9
40°-50°	626.9	13.5
50°-60°	589.0	12.7
60°-70°	489.8	10.6
70°-80°	349.5	7.5
80°-90°	208.0	4.5
90°-100°	150.6	3.3
100°-110°	148.6	3.2
110°-120°	139.6	3.0
120°-130°	123.7	2.7
130°-140°	102.5	2.2
140°-150°	76.7	1.7
150°-160°	50.5	1.1
160°-170°	28.6	0.6
170°-180°	9.1	0.2
0°-30°	942.8	20.4
0°-40°	1539.0	33.2
0°-60°	2754.9	59.5
0°-90°	3802.2	82.1
90°-120°	438.8	9.5
90°-150°	741.6	16.0
90°-180°	830.0	17.9
0°-180°	4632.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1225	1225	1225	1225	1225	
5°	1216	1231	1213	1216	1224	115
15°	1162	1179	1166	1174	1178	328
25°	1060	1080	1074	1084	1086	488
35°	922	943	947	970	979	577
45°	762	783	806	847	862	587
55°	585	609	657	710	726	523
65°	398	431	499	562	577	394
75°	209	256	341	407	429	222
85°	53	115	200	267	290	57
90°	0	66	149	214	236	4
95°	6	69	149	212	234	6
105°	21	77	150	209	229	23
115°	41	84	149	200	220	41
125°	63	90	144	188	202	56
135°	77	94	136	171	184	59
145°	82	92	123	152	161	51
155°	83	93	104	129	136	39
165°	95	101	97	98	114	27
175°	105	104	98	84	50	10
180°	92	92	92	92	92	



TEST NUMBER: P893741
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2
2.5°	1220.8	1224.1	1225.2	1236.4	1232.0	1236.4	1228.6	1219.6	1217.4	1223.0	1216.3
5°	1216.3	1219.6	1220.8	1232.0	1227.5	1230.8	1224.1	1215.2	1212.9	1219.6	1212.9
7.5°	1207.3	1210.7	1211.8	1224.1	1218.5	1223.0	1215.2	1206.2	1205.1	1211.8	1205.1
10°	1196.1	1199.5	1200.6	1211.8	1207.3	1211.8	1204.0	1195.0	1193.9	1201.7	1195.0
12.5°	1180.5	1183.8	1186.1	1197.3	1191.7	1197.3	1188.3	1179.4	1180.5	1187.2	1182.7
15°	1161.5	1165.9	1167.1	1178.2	1173.8	1179.4	1170.4	1161.5	1163.7	1170.4	1165.9
17.5°	1141.3	1145.8	1146.9	1157.0	1152.5	1159.2	1149.2	1141.3	1143.6	1150.3	1146.9
20°	1116.7	1121.2	1123.4	1133.5	1129.0	1135.7	1125.7	1118.9	1121.2	1129.0	1125.7
22.5°	1088.7	1095.4	1096.6	1107.8	1102.2	1108.9	1098.8	1093.2	1096.6	1104.4	1101.0
25°	1059.6	1066.4	1067.5	1078.7	1074.2	1079.8	1069.7	1064.1	1068.6	1076.4	1074.2
27.5°	1028.3	1035.0	1037.3	1047.3	1042.9	1049.6	1038.4	1035.0	1039.5	1047.3	1045.1
30°	994.7	1001.5	1002.6	1012.6	1009.3	1016.0	1005.9	1001.5	1008.2	1016.0	1013.8
32.5°	958.9	965.6	969.0	978.0	974.6	980.2	971.2	969.0	974.6	982.4	981.3
35°	922.0	928.7	932.1	942.1	937.7	943.3	934.3	932.1	941.0	946.6	946.6
37.5°	884.0	890.7	894.0	904.1	898.5	905.2	896.3	895.2	905.2	910.8	910.8
40°	843.7	851.5	854.9	863.8	859.3	864.9	857.1	858.2	867.2	873.9	875.0
42.5°	803.4	811.2	814.6	824.7	819.1	824.7	817.9	819.1	829.1	835.9	841.4
45°	762.0	768.7	772.1	783.3	776.5	783.3	776.5	778.8	788.9	798.9	805.6
47.5°	718.4	725.1	730.7	739.6	734.0	739.6	735.1	738.5	750.8	760.9	769.8
50°	674.7	681.4	687.0	694.9	689.3	697.1	691.5	696.0	711.6	721.7	731.8
52.5°	630.0	635.6	644.5	649.0	644.5	653.5	649.0	655.7	671.4	683.7	694.9
55°	585.2	590.8	599.8	603.1	598.6	608.7	605.3	614.3	631.1	644.5	656.8
57.5°	539.3	544.9	552.8	556.1	552.8	563.9	562.8	572.9	589.7	604.2	617.7
60°	492.3	497.9	504.6	508.0	508.0	519.2	519.2	531.5	549.4	562.8	578.5
62.5°	446.5	449.8	456.5	461.0	464.4	475.6	475.6	489.0	508.0	523.7	539.3
65°	398.3	401.7	407.3	412.9	418.5	430.8	431.9	446.5	465.5	481.1	499.0
67.5°	350.2	353.6	359.2	365.9	373.7	386.0	388.3	403.9	424.1	442.0	458.8
70°	303.2	304.4	311.1	320.0	329.0	341.3	344.6	361.4	382.7	400.6	418.5
72.5°	256.2	257.4	264.1	275.3	285.3	298.8	303.2	321.1	342.4	360.3	378.2
75°	209.2	210.4	219.3	232.7	243.9	256.2	261.8	280.9	302.1	321.1	341.3
77.5°	164.5	166.7	175.7	189.1	202.5	217.1	222.7	241.7	265.2	283.1	302.1
80°	123.1	125.3	135.4	149.9	164.5	177.9	184.6	203.6	228.3	246.2	267.4
82.5°	85.0	88.4	100.7	116.4	130.9	145.5	152.2	170.1	192.5	212.6	232.7
85°	52.6	57.1	69.4	86.2	101.8	115.3	122.0	141.0	162.2	181.3	200.3
87.5°	24.6	31.3	43.6	60.4	77.2	88.4	96.2	115.3	135.4	154.4	173.4
90°	0.0	10.1	22.4	39.2	55.9	66.0	75.0	92.9	113.0	130.9	148.8
92.5°	2.2	11.2	24.6	40.3	57.1	67.1	76.1	94.0	113.0	130.9	148.8
95°	5.6	12.3	25.7	42.5	59.3	69.4	77.2	95.1	114.1	132.0	148.8
97.5°	10.1	15.7	29.1	44.8	61.5	70.5	79.4	97.3	115.3	133.2	149.9
100°	13.4	17.9	31.3	47.0	63.8	72.7	81.7	98.5	116.4	134.3	149.9
102.5°	16.8	22.4	34.7	49.2	66.0	75.0	82.8	99.6	117.5	134.3	149.9
105°	21.3	25.7	36.9	52.6	68.3	77.2	85.0	101.8	118.6	135.4	149.9
107.5°	25.7	29.1	40.3	54.8	70.5	78.3	86.2	102.9	119.7	135.4	149.9
110°	31.3	33.6	43.6	57.1	71.6	80.6	88.4	104.1	119.7	135.4	149.9



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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	47.0	59.3	73.9	81.7	89.5	105.2	120.8	135.4	149.9
115°	41.4	42.5	50.4	61.5	76.1	83.9	90.6	105.2	120.8	135.4	148.8
117.5°	47.0	47.0	54.8	63.8	77.2	85.0	92.9	106.3	120.8	134.3	147.7
120°	52.6	51.5	58.2	67.1	79.4	86.2	94.0	107.4	120.8	134.3	146.6
122.5°	58.2	55.9	60.4	69.4	80.6	88.4	94.0	107.4	120.8	133.2	145.5
125°	62.7	60.4	63.8	72.7	82.8	89.5	95.1	107.4	120.8	132.0	144.3
127.5°	67.1	64.9	68.3	75.0	83.9	89.5	96.2	107.4	120.8	130.9	142.1
130°	71.6	68.3	72.7	77.2	86.2	90.6	96.2	107.4	119.7	129.8	139.9
132.5°	75.0	71.6	76.1	79.4	87.3	91.8	97.3	107.4	118.6	128.7	138.7
135°	77.2	73.9	79.4	81.7	89.5	94.0	98.5	107.4	117.5	127.6	136.5
137.5°	79.4	75.0	81.7	83.9	90.6	95.1	98.5	106.3	116.4	125.3	134.3
140°	80.6	77.2	83.9	86.2	89.5	94.0	98.5	105.2	114.1	123.1	130.9
142.5°	81.7	77.2	85.0	87.3	89.5	92.9	97.3	102.9	111.9	119.7	127.6
145°	81.7	78.3	85.0	87.3	89.5	91.8	95.1	101.8	108.5	115.3	123.1
147.5°	81.7	79.4	86.2	88.4	90.6	90.6	92.9	99.6	105.2	111.9	118.6
150°	82.8	79.4	86.2	88.4	91.8	91.8	92.9	96.2	102.9	107.4	113.0
152.5°	81.7	80.6	85.0	89.5	91.8	92.9	92.9	94.0	99.6	104.1	108.5
155°	82.8	82.8	86.2	91.8	92.9	92.9	94.0	92.9	95.1	99.6	104.1
157.5°	85.0	87.3	87.3	92.9	95.1	95.1	96.2	95.1	94.0	95.1	99.6
160°	88.4	90.6	90.6	94.0	97.3	97.3	98.5	97.3	96.2	95.1	95.1
162.5°	91.8	94.0	94.0	95.1	98.5	99.6	100.7	99.6	98.5	96.2	95.1
165°	95.1	97.3	97.3	97.3	99.6	100.7	101.8	100.7	100.7	98.5	97.3
167.5°	98.5	100.7	100.7	99.6	100.7	101.8	102.9	101.8	101.8	100.7	98.5
170°	101.8	104.1	104.1	101.8	102.9	102.9	104.1	102.9	102.9	100.7	99.6
172.5°	104.1	106.3	105.2	104.1	104.1	104.1	104.1	102.9	101.8	99.6	99.6
175°	105.2	107.4	107.4	105.2	104.1	104.1	105.2	102.9	101.8	100.7	98.5
177.5°	105.2	107.4	107.4	105.2	105.2	104.1	105.2	104.1	104.1	101.8	99.6
180°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2	1225.2
2.5°	1220.8	1219.6	1212.9	1220.8	1220.8	1218.5	1227.5	1226.4	1225.2	1223.0
5°	1216.3	1215.2	1208.5	1216.3	1216.3	1215.2	1224.1	1225.2	1226.4	1224.1
7.5°	1209.6	1208.5	1201.7	1209.6	1209.6	1208.5	1218.5	1219.6	1220.8	1217.4
10°	1199.5	1198.4	1191.7	1199.5	1200.6	1199.5	1207.3	1208.5	1210.7	1206.2
12.5°	1186.1	1186.1	1179.4	1187.2	1188.3	1187.2	1195.0	1197.3	1199.5	1193.9
15°	1169.3	1170.4	1164.8	1172.7	1173.8	1173.8	1181.6	1182.7	1186.1	1178.2
17.5°	1149.2	1151.4	1146.9	1154.7	1155.9	1157.0	1161.5	1164.8	1168.2	1159.2
20°	1127.9	1129.0	1125.7	1132.4	1134.6	1133.5	1139.1	1143.6	1146.9	1138.0
22.5°	1102.2	1103.3	1099.9	1106.6	1108.9	1110.0	1114.5	1120.1	1122.3	1114.5
25°	1073.1	1077.5	1075.3	1082.0	1084.3	1084.3	1088.7	1094.3	1097.7	1086.5
27.5°	1045.1	1050.7	1048.4	1055.2	1057.4	1058.5	1060.8	1067.5	1070.8	1060.8
30°	1013.8	1020.5	1019.4	1026.1	1028.3	1027.2	1031.7	1038.4	1042.9	1031.7
32.5°	979.1	988.0	986.9	995.9	998.1	999.2	1002.6	1011.5	1016.0	1005.9
35°	945.5	955.6	956.7	966.8	970.1	971.2	975.7	984.7	989.1	979.1
37.5°	910.8	924.2	927.6	937.7	941.0	942.1	946.6	956.7	961.2	951.1
40°	877.3	892.9	897.4	906.3	909.7	913.1	916.4	926.5	932.1	922.0
42.5°	843.7	860.5	866.1	875.0	878.4	881.7	886.2	897.4	901.9	892.9
45°	809.0	826.9	833.6	842.6	847.0	850.4	854.9	864.9	870.5	861.6
47.5°	774.3	792.2	798.9	809.0	813.5	817.9	821.3	833.6	839.2	830.3
50°	737.4	757.5	765.4	774.3	781.0	784.4	788.9	800.0	805.6	797.8
52.5°	700.5	721.7	730.7	739.6	746.3	751.9	754.2	766.5	772.1	764.2
55°	662.4	683.7	693.7	703.8	710.5	717.2	719.5	731.8	737.4	726.2
57.5°	624.4	646.7	656.8	668.0	673.6	681.4	684.8	696.0	701.6	693.7
60°	586.3	607.6	619.9	630.0	637.8	644.5	646.7	659.1	664.7	654.6
62.5°	547.2	569.5	581.9	593.0	599.8	607.6	610.9	622.1	626.6	616.5
65°	506.9	529.3	542.7	552.8	561.7	568.4	570.7	583.0	587.4	577.4
67.5°	466.6	489.0	503.5	514.7	522.5	530.4	532.6	544.9	549.4	541.6
70°	427.4	449.8	464.4	477.8	483.4	491.2	494.6	505.8	510.2	503.5
72.5°	388.3	410.7	426.3	439.7	445.3	453.2	457.6	466.6	473.3	467.7
75°	350.2	372.6	388.3	401.7	407.3	415.1	419.6	428.6	433.0	428.6
77.5°	313.3	335.7	350.2	363.7	370.4	377.1	381.6	390.5	396.1	391.6
80°	277.5	299.9	314.4	326.7	333.4	340.2	344.6	354.7	359.2	355.8
82.5°	243.9	265.2	280.9	293.2	299.9	306.6	311.1	320.0	325.6	321.1
85°	213.7	235.0	249.5	261.8	267.4	274.1	278.6	287.6	292.0	289.8
87.5°	184.6	203.6	220.4	232.7	238.3	245.0	250.6	257.4	263.0	259.6
90°	162.2	179.0	194.7	207.0	213.7	220.4	227.1	233.9	238.3	236.1
92.5°	163.4	179.0	193.6	204.8	211.5	218.2	224.9	232.7	236.1	233.9
95°	163.4	179.0	193.6	204.8	211.5	218.2	224.9	232.7	236.1	233.9
97.5°	163.4	179.0	193.6	204.8	211.5	218.2	224.9	232.7	236.1	232.7
100°	163.4	179.0	193.6	204.8	211.5	217.1	223.8	231.6	235.0	232.7
102.5°	163.4	179.0	192.5	203.6	210.4	216.0	222.7	230.5	233.9	231.6
105°	163.4	177.9	192.5	202.5	209.2	214.8	221.6	228.3	231.6	229.4
107.5°	162.2	176.8	190.2	201.4	207.0	212.6	219.3	226.0	229.4	227.1
110°	162.2	175.7	189.1	199.2	204.8	210.4	217.1	223.8	227.1	224.9



TEST NUMBER: P893741
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	161.1	174.6	188.0	196.9	202.5	208.1	213.7	221.6	224.9	222.7
115°	160.0	173.4	185.7	194.7	200.3	204.8	211.5	219.3	221.6	220.4
117.5°	158.9	171.2	183.5	192.5	198.1	202.5	208.1	214.8	218.2	217.1
120°	157.8	169.0	181.3	189.1	194.7	199.2	203.6	210.4	213.7	211.5
122.5°	155.5	166.7	179.0	186.9	191.3	195.8	200.3	205.9	209.2	208.1
125°	153.3	164.5	175.7	183.5	188.0	191.3	195.8	201.4	203.6	202.5
127.5°	151.1	162.2	172.3	179.0	184.6	188.0	191.3	196.9	199.2	198.1
130°	148.8	158.9	169.0	175.7	180.1	183.5	186.9	192.5	193.6	193.6
132.5°	146.6	155.5	165.6	172.3	176.8	179.0	182.4	186.9	189.1	188.0
135°	144.3	152.2	162.2	167.8	171.2	174.6	177.9	182.4	183.5	183.5
137.5°	141.0	148.8	157.8	163.4	166.7	169.0	172.3	176.8	177.9	177.9
140°	137.6	145.5	153.3	157.8	162.2	164.5	166.7	171.2	172.3	172.3
142.5°	134.3	141.0	148.8	153.3	157.8	158.9	162.2	165.6	166.7	166.7
145°	129.8	137.6	144.3	148.8	152.2	153.3	156.7	160.0	160.0	161.1
147.5°	124.2	130.9	139.9	143.2	146.6	147.7	151.1	153.3	154.4	154.4
150°	118.6	125.3	133.2	138.7	142.1	143.2	144.3	147.7	147.7	148.8
152.5°	113.0	118.6	126.4	132.0	136.5	137.6	138.7	141.0	141.0	142.1
155°	107.4	111.9	118.6	124.2	128.7	130.9	133.2	135.4	135.4	136.5
157.5°	102.9	107.4	113.0	117.5	120.8	124.2	127.6	129.8	129.8	129.8
160°	97.3	100.7	106.3	109.7	114.1	116.4	122.0	124.2	124.2	125.3
162.5°	94.0	95.1	98.5	101.8	105.2	107.4	113.0	118.6	118.6	119.7
165°	95.1	94.0	95.1	96.2	98.5	99.6	102.9	110.8	113.0	114.1
167.5°	97.3	94.0	94.0	94.0	96.2	96.2	99.6	104.1	111.9	109.7
170°	97.3	94.0	91.8	91.8	92.9	91.8	94.0	97.3	101.8	106.3
172.5°	98.5	95.1	91.8	87.3	88.4	87.3	85.0	85.0	86.2	100.7
175°	97.3	95.1	90.6	85.0	83.9	80.6	73.9	68.3	64.9	50.4
177.5°	96.2	92.9	89.5	85.0	82.8	79.4	71.6	62.7	53.7	51.5
180°	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8



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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	15.21	16.53	15.82	17.16	17.88	17.76	19.08	18.37	19.71	20.43
	3H	16.61	17.81	17.24	18.45	19.21	20.19	21.39	20.81	22.03	22.78
	4H	17.04	18.18	17.69	18.83	19.60	21.33	22.46	21.97	23.12	23.89
	6H	17.28	18.33	17.94	19.00	19.78	22.46	23.52	23.12	24.19	24.97
	8H	17.32	18.33	17.99	19.02	19.81	23.02	24.03	23.69	24.72	25.51
	12H	17.33	18.30	18.01	18.98	19.80	23.61	24.57	24.28	25.25	26.07
4H	2H	16.10	17.23	16.75	17.89	18.66	18.11	19.24	18.76	19.90	20.67
	3H	17.72	18.69	18.38	19.38	20.17	20.74	21.70	21.40	22.40	23.19
	4H	18.27	19.16	18.95	19.86	20.68	22.03	22.91	22.71	23.61	24.43
	6H	18.61	19.39	19.31	20.11	20.94	23.34	24.12	24.04	24.84	25.67
	8H	18.69	19.42	19.39	20.14	20.98	24.00	24.73	24.70	25.45	26.29
	12H	18.72	19.38	19.45	20.13	20.97	24.70	25.36	25.42	26.10	26.95
8H	4H	18.92	19.66	19.63	20.37	21.21	22.18	22.91	22.88	23.63	24.47
	6H	19.43	20.05	20.16	20.81	21.65	23.64	24.25	24.37	25.01	25.86
	8H	19.58	20.14	20.33	20.90	21.76	24.42	24.97	25.16	25.73	26.59
	12H	19.67	20.17	20.42	20.92	21.84	25.28	25.77	26.02	26.52	27.44
12H	4H	19.09	19.75	19.81	20.49	21.34	22.17	22.83	22.90	23.58	24.42
	6H	19.69	20.24	20.43	21.00	21.86	23.65	24.21	24.40	24.97	25.83
	8H	19.92	20.41	20.67	21.17	22.08	24.49	24.98	25.23	25.73	26.65