

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: P895048

Luminaire Tested: 8TMB-4SL-RNDU-UNV-L850

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895048
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-4SL-RNDU-UNV-L850
Description: 4000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 5
Light Source: -
Ballast/Driver: -

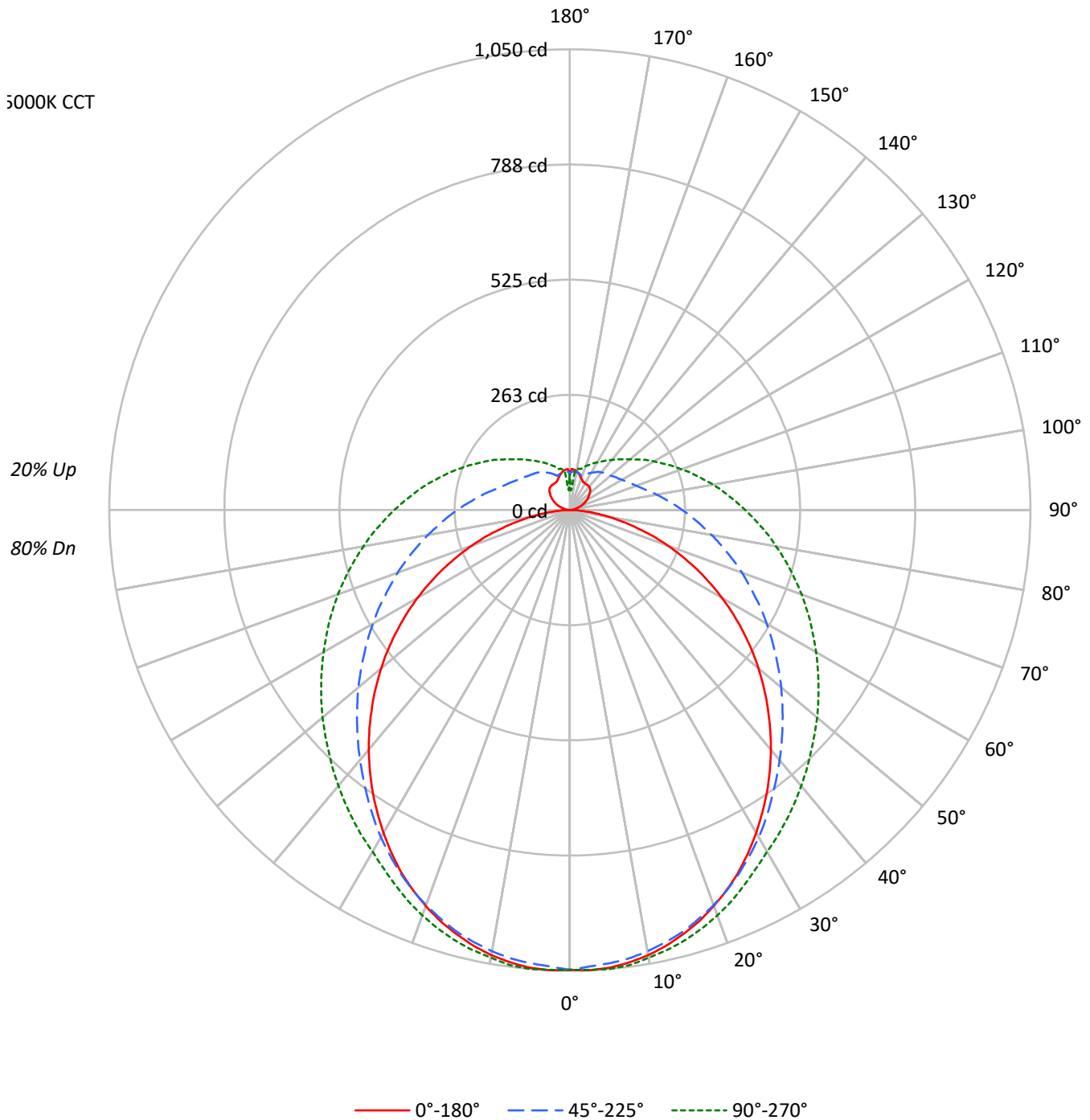
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4408.0 lumens
Efficiency: N/A
Efficacy: 159.7 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): 27.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 4.5
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	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°	3718	3718	3718
5°	3721	3567	3569
10°	3694	3433	3404
15°	3648	3297	3251
20°	3592	3153	3095
25°	3521	3007	2938
30°	3429	2859	2799
35°	3334	2707	2697
40°	3232	2570	2604
45°	3121	2448	2521
50°	3005	2341	2457
55°	2872	2241	2401
60°	2722	2160	2360
65°	2537	2090	2336
70°	2307	2049	2329
75°	1992	2022	2339
80°	1614	2030	2376
85°	1126	2095	2454

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3121 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.1	2.2
10°-20°	282.7	6.4
20°-30°	424.5	9.6
30°-40°	510.4	11.6
40°-50°	540.8	12.3
50°-60°	520.8	11.8
60°-70°	460.9	10.5
70°-80°	378.1	8.6
80°-90°	293.4	6.7
90°-100°	227.7	5.2
100°-110°	180.4	4.1
110°-120°	143.7	3.3
120°-130°	114.2	2.6
130°-140°	89.1	2.0
140°-150°	65.6	1.5
150°-160°	43.4	1.0
160°-170°	25.0	0.6
170°-180°	8.0	0.2
0°-30°	806.4	18.3
0°-40°	1316.8	29.9
0°-60°	2378.5	54.0
0°-90°	3510.8	79.6
90°-120°	551.8	12.5
90°-150°	820.8	18.6
90°-180°	897.0	20.3
0°-180°	4408.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1048	1048	1048	1048	1048	
5°	1047	1048	1037	1045	1050	99
15°	1000	1001	995	1010	1015	282
25°	910	913	913	936	942	419
35°	784	794	803	845	862	490
45°	638	653	686	751	778	492
55°	482	506	572	657	692	431
65°	319	363	466	563	605	316
75°	160	239	371	476	520	171
85°	36	145	290	396	438	41
90°	1	114	256	359	400	3
95°	5	94	226	324	364	5
105°	18	76	178	265	300	19
115°	36	73	149	216	245	35
125°	52	76	130	178	200	46
135°	66	81	117	150	164	50
145°	70	80	106	129	137	44
155°	71	83	91	110	116	33
165°	84	89	86	86	97	23
175°	93	92	88	73	49	9
180°	81	81	81	81	81	



TEST NUMBER: P895048

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0
2.5°	1050.0	1049.0	1051.0	1053.0	1059.0	1051.0	1055.0	1044.0	1045.0	1046.0	1041.0
5°	1047.0	1044.0	1047.0	1049.0	1054.0	1048.0	1052.0	1040.0	1041.0	1043.0	1037.0
7.5°	1040.0	1037.0	1039.0	1041.0	1046.0	1040.0	1045.0	1033.1	1035.0	1036.0	1031.1
10°	1030.1	1026.1	1028.1	1031.1	1035.0	1030.1	1034.0	1023.1	1024.1	1026.1	1021.1
12.5°	1017.1	1013.1	1015.1	1017.1	1022.1	1017.1	1021.1	1010.1	1012.1	1014.1	1009.1
15°	1000.1	996.2	998.2	1000.1	1004.1	1001.1	1005.1	994.2	996.2	1000.1	995.2
17.5°	982.2	976.2	978.2	981.2	985.2	983.2	986.2	977.2	978.2	982.2	977.2
20°	960.3	954.3	956.3	959.3	963.3	962.3	964.2	956.3	958.3	963.3	958.3
22.5°	936.3	930.3	932.3	936.3	939.3	939.3	940.3	934.3	936.3	941.3	937.3
25°	910.4	904.4	906.4	910.4	913.4	913.4	915.4	909.4	912.4	917.4	913.4
27.5°	880.5	877.5	877.5	881.5	883.5	885.5	886.5	881.5	885.5	890.5	887.5
30°	849.6	845.6	847.6	852.6	852.6	856.6	856.6	852.6	857.6	863.5	861.5
32.5°	816.7	813.7	814.7	820.7	820.7	825.6	824.6	822.7	827.6	834.6	832.6
35°	783.8	780.8	781.8	787.8	787.8	793.7	791.7	791.7	796.7	804.7	802.7
37.5°	748.9	746.9	747.9	753.8	753.8	759.8	757.8	758.8	764.8	773.8	772.8
40°	713.0	711.0	713.0	718.0	719.9	724.9	722.9	724.9	732.9	740.9	743.9
42.5°	676.1	675.1	677.1	682.1	684.0	689.0	688.0	691.0	699.0	711.0	715.0
45°	638.2	638.2	640.2	645.2	647.2	653.1	652.1	656.1	666.1	679.1	686.0
47.5°	600.3	601.3	602.3	608.3	608.3	618.2	615.2	621.2	634.2	649.1	657.1
50°	561.4	563.4	564.4	569.4	571.4	580.3	578.3	588.3	602.3	618.2	629.2
52.5°	522.5	524.5	526.5	530.5	532.5	543.4	541.5	554.4	571.4	588.3	600.3
55°	481.6	485.6	486.6	491.6	494.6	505.6	505.6	520.5	538.5	557.4	572.4
57.5°	441.7	445.7	446.7	452.7	456.7	469.7	471.7	488.6	508.5	527.5	545.4
60°	400.9	405.8	406.8	412.8	419.8	433.8	436.8	455.7	477.6	497.6	518.5
62.5°	360.0	365.0	367.0	372.9	383.9	397.9	402.9	424.8	447.7	469.7	492.6
65°	319.1	324.1	327.1	335.0	348.0	363.0	369.9	392.9	418.8	441.7	465.7
67.5°	278.2	284.2	288.2	298.1	315.1	331.1	338.0	364.0	390.9	415.8	440.7
70°	238.3	244.3	249.3	262.3	282.2	298.1	307.1	335.0	363.0	389.9	417.8
72.5°	199.4	205.4	212.4	228.3	250.3	268.2	278.2	307.1	338.0	365.0	393.9
75°	159.5	166.5	174.5	196.4	221.4	239.3	250.3	281.2	313.1	340.0	370.9
77.5°	123.6	130.6	142.6	164.5	192.5	212.4	224.4	257.3	290.2	317.1	349.0
80°	90.7	97.7	113.7	137.6	166.5	185.5	200.4	234.3	268.2	296.2	328.1
82.5°	61.8	68.8	87.7	113.7	144.6	163.5	177.5	213.4	247.3	276.2	308.1
85°	35.9	45.9	65.8	93.7	125.6	144.6	158.5	195.4	228.3	257.3	290.2
87.5°	16.0	27.9	49.9	77.8	109.7	127.6	142.6	176.5	211.4	240.3	273.2
90°	1.0	16.0	38.9	65.8	96.7	113.7	127.6	161.5	194.4	224.4	256.3
92.5°	2.0	11.0	31.9	56.8	85.8	102.7	116.7	148.6	179.5	210.4	241.3
95°	5.0	11.0	27.9	50.9	77.8	93.7	106.7	137.6	166.5	196.4	226.4
97.5°	8.0	12.0	26.9	47.9	71.8	86.8	98.7	127.6	156.6	183.5	213.4
100°	11.0	15.0	26.9	45.9	67.8	81.8	92.7	119.7	146.6	171.5	201.4
102.5°	14.0	17.9	28.9	45.9	65.8	77.8	88.7	113.7	138.6	161.5	189.5
105°	17.9	20.9	30.9	45.9	63.8	75.8	84.8	107.7	131.6	153.6	178.5
107.5°	21.9	23.9	32.9	46.9	63.8	73.8	82.8	103.7	125.6	145.6	169.5
110°	26.9	27.9	35.9	48.9	63.8	72.8	80.8	100.7	120.7	139.6	161.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	30.9	30.9	38.9	50.9	63.8	72.8	79.8	97.7	116.7	133.6	154.6
115°	35.9	35.9	41.9	52.8	64.8	72.8	79.8	96.7	113.7	128.6	148.6
117.5°	39.9	39.9	45.9	54.8	66.8	73.8	79.8	94.7	110.7	124.6	142.6
120°	43.9	43.9	47.9	56.8	67.8	74.8	79.8	93.7	107.7	121.7	137.6
122.5°	47.9	47.9	50.9	59.8	68.8	74.8	79.8	92.7	105.7	117.7	132.6
125°	51.9	51.9	53.8	61.8	70.8	75.8	80.8	92.7	104.7	114.7	129.6
127.5°	55.8	54.8	57.8	64.8	71.8	76.8	81.8	92.7	102.7	112.7	125.6
130°	58.8	57.8	61.8	66.8	73.8	77.8	81.8	91.7	101.7	110.7	121.7
132.5°	62.8	60.8	65.8	67.8	75.8	79.8	82.8	91.7	100.7	108.7	119.7
135°	65.8	63.8	68.8	70.8	76.8	80.8	83.8	91.7	99.7	107.7	116.7
137.5°	67.8	66.8	71.8	73.8	77.8	81.8	84.8	91.7	98.7	105.7	114.7
140°	68.8	67.8	71.8	75.8	77.8	81.8	83.8	90.7	97.7	103.7	111.7
142.5°	69.8	69.8	72.8	76.8	77.8	80.8	83.8	89.7	95.7	100.7	109.7
145°	69.8	69.8	72.8	77.8	78.8	79.8	81.8	87.7	92.7	97.7	105.7
147.5°	69.8	69.8	73.8	77.8	79.8	80.8	79.8	85.8	90.7	94.7	101.7
150°	69.8	69.8	73.8	77.8	80.8	81.8	80.8	83.8	87.7	91.7	97.7
152.5°	70.8	70.8	73.8	77.8	80.8	81.8	81.8	81.8	84.8	88.7	94.7
155°	70.8	71.8	73.8	79.8	81.8	82.8	82.8	82.8	81.8	85.8	90.7
157.5°	73.8	74.8	75.8	80.8	82.8	83.8	83.8	83.8	82.8	81.8	86.8
160°	76.8	77.8	78.8	82.8	84.8	85.8	85.8	85.8	83.8	82.8	82.8
162.5°	79.8	81.8	81.8	83.8	85.8	86.8	86.8	87.7	85.8	84.8	83.8
165°	83.8	84.8	84.8	85.8	87.7	88.7	87.7	88.7	87.7	86.8	85.8
167.5°	86.8	87.7	87.7	88.7	88.7	89.7	89.7	89.7	88.7	87.7	87.7
170°	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	89.7	87.7	87.7
172.5°	91.7	92.7	92.7	91.7	91.7	91.7	91.7	90.7	88.7	87.7	87.7
175°	92.7	93.7	93.7	92.7	91.7	91.7	91.7	90.7	88.7	87.7	87.7
177.5°	93.7	94.7	93.7	93.7	91.7	91.7	91.7	91.7	89.7	88.7	87.7
180°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0	1048.0
2.5°	1047.0	1035.0	1043.0	1044.0	1048.0	1044.0	1047.0	1044.0	1052.0	1049.0
5°	1043.0	1032.1	1039.0	1040.0	1045.0	1040.0	1045.0	1043.0	1053.0	1050.0
7.5°	1036.0	1027.1	1033.1	1034.0	1040.0	1035.0	1040.0	1038.0	1050.0	1046.0
10°	1026.1	1019.1	1025.1	1026.1	1032.1	1027.1	1031.1	1029.1	1042.0	1036.0
12.5°	1015.1	1009.1	1014.1	1015.1	1022.1	1017.1	1022.1	1020.1	1033.1	1027.1
15°	999.1	996.2	1001.1	1003.1	1010.1	1006.1	1011.1	1009.1	1023.1	1015.1
17.5°	983.2	981.2	986.2	988.2	996.2	991.2	996.2	994.2	1008.1	1000.1
20°	963.3	962.3	967.2	970.2	977.2	972.2	978.2	976.2	991.2	983.2
22.5°	942.3	942.3	946.3	949.3	956.3	952.3	958.3	957.3	972.2	964.2
25°	919.4	920.4	924.4	928.4	936.3	933.3	938.3	938.3	952.3	942.3
27.5°	893.5	898.4	901.4	906.4	913.4	910.4	915.4	916.4	930.3	920.4
30°	866.5	873.5	876.5	882.5	888.5	888.5	893.5	895.4	909.4	899.4
32.5°	838.6	846.6	850.6	858.5	866.5	866.5	873.5	876.5	890.5	881.5
35°	810.7	821.7	826.6	836.6	844.6	845.6	852.6	856.6	870.5	861.5
37.5°	783.8	797.7	802.7	814.7	821.7	823.6	831.6	836.6	849.6	841.6
40°	755.8	772.8	778.8	791.7	797.7	801.7	809.7	815.7	827.6	820.7
42.5°	728.9	747.9	753.8	767.8	774.8	778.8	786.8	794.7	806.7	799.7
45°	702.0	722.9	729.9	744.9	750.9	756.8	765.8	772.8	783.8	777.8
47.5°	676.1	698.0	705.0	720.9	727.9	734.9	742.9	752.9	762.8	756.8
50°	649.1	672.1	681.1	698.0	704.0	712.0	721.9	730.9	740.9	735.9
52.5°	623.2	647.2	656.1	674.1	681.1	689.0	699.0	709.0	718.0	714.0
55°	595.3	621.2	631.2	650.1	657.1	665.1	676.1	687.0	695.0	692.0
57.5°	569.4	596.3	606.3	627.2	633.2	643.2	654.1	666.1	673.1	670.1
60°	543.4	570.4	582.3	603.3	610.3	620.2	631.2	644.2	650.1	648.2
62.5°	517.5	545.4	558.4	580.3	586.3	597.3	610.3	621.2	627.2	626.2
65°	493.6	520.5	535.5	557.4	563.4	575.4	587.3	599.3	605.3	605.3
67.5°	468.7	497.6	512.5	535.5	540.5	553.4	566.4	578.3	583.3	583.3
70°	445.7	473.6	490.6	513.5	518.5	530.5	544.4	557.4	561.4	562.4
72.5°	422.8	450.7	468.7	492.6	497.6	509.5	522.5	536.5	539.5	540.5
75°	400.9	428.8	446.7	470.7	475.6	487.6	501.6	514.5	518.5	519.5
77.5°	378.9	406.8	426.8	449.7	454.7	466.7	480.6	493.6	496.6	498.6
80°	359.0	385.9	404.8	429.8	434.8	446.7	459.7	472.7	474.6	477.6
82.5°	339.0	366.0	385.9	409.8	414.8	426.8	439.7	452.7	454.7	458.7
85°	320.1	347.0	367.0	389.9	395.9	406.8	420.8	432.8	434.8	437.8
87.5°	303.1	328.1	349.0	370.9	376.9	387.9	401.9	413.8	414.8	418.8
90°	285.2	310.1	331.1	353.0	359.0	368.9	382.9	394.9	396.9	399.9
92.5°	270.2	293.2	315.1	336.0	341.0	352.0	365.0	376.9	378.9	381.9
95°	254.3	277.2	299.1	319.1	324.1	335.0	347.0	359.0	361.0	364.0
97.5°	240.3	262.3	283.2	303.1	308.1	318.1	331.1	342.0	344.0	348.0
100°	227.4	248.3	270.2	288.2	293.2	303.1	315.1	326.1	328.1	332.1
102.5°	215.4	235.3	256.3	273.2	279.2	288.2	300.1	310.1	312.1	315.1
105°	204.4	223.4	243.3	259.3	265.2	274.2	285.2	295.2	297.2	300.1
107.5°	193.4	211.4	230.3	246.3	251.3	259.3	270.2	280.2	282.2	286.2
110°	183.5	201.4	219.4	234.3	240.3	246.3	257.3	266.2	268.2	271.2



TEST NUMBER: P895048
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	174.5	190.5	208.4	222.4	227.4	234.3	243.3	252.3	254.3	258.3
115°	166.5	181.5	199.4	212.4	216.4	222.4	232.3	240.3	242.3	245.3
117.5°	159.5	172.5	188.5	201.4	206.4	211.4	220.4	227.4	230.3	232.3
120°	153.6	165.5	179.5	191.5	197.4	201.4	209.4	216.4	219.4	221.4
122.5°	147.6	158.5	171.5	182.5	187.5	190.5	199.4	205.4	208.4	211.4
125°	142.6	152.6	164.5	173.5	178.5	181.5	189.5	195.4	198.4	200.4
127.5°	137.6	146.6	158.5	165.5	170.5	172.5	179.5	185.5	188.5	189.5
130°	132.6	141.6	151.6	158.5	162.5	165.5	171.5	175.5	178.5	179.5
132.5°	128.6	136.6	145.6	152.6	156.6	157.6	163.5	167.5	170.5	171.5
135°	125.6	131.6	140.6	146.6	149.6	151.6	156.6	159.5	162.5	163.5
137.5°	121.7	127.6	135.6	139.6	143.6	144.6	149.6	152.6	155.6	156.6
140°	118.7	123.6	130.6	134.6	138.6	138.6	142.6	145.6	148.6	148.6
142.5°	115.7	120.7	126.6	130.6	133.6	133.6	137.6	139.6	142.6	142.6
145°	111.7	116.7	122.6	125.6	128.6	128.6	131.6	133.6	136.6	136.6
147.5°	107.7	112.7	118.7	120.7	123.6	123.6	126.6	128.6	130.6	130.6
150°	102.7	106.7	113.7	116.7	119.7	119.7	121.7	123.6	125.6	125.6
152.5°	98.7	101.7	107.7	111.7	114.7	114.7	116.7	118.7	120.7	120.7
155°	93.7	96.7	101.7	106.7	109.7	110.7	112.7	113.7	115.7	115.7
157.5°	89.7	92.7	96.7	100.7	103.7	105.7	108.7	109.7	110.7	110.7
160°	84.8	86.8	90.7	94.7	97.7	99.7	104.7	105.7	106.7	106.7
162.5°	82.8	82.8	84.8	87.7	90.7	91.7	96.7	100.7	102.7	101.7
165°	83.8	82.8	82.8	83.8	85.8	86.8	89.7	95.7	97.7	96.7
167.5°	85.8	83.8	82.8	82.8	84.8	84.8	87.7	92.7	98.7	96.7
170°	85.8	82.8	80.8	80.8	81.8	81.8	83.8	86.8	92.7	93.7
172.5°	84.8	82.8	79.8	75.8	76.8	75.8	74.8	76.8	77.8	87.7
175°	85.8	82.8	79.8	74.8	72.8	69.8	64.8	60.8	59.8	48.9
177.5°	84.8	81.8	77.8	73.8	71.8	67.8	61.8	54.8	50.9	44.9
180°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8



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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	11.52	12.83	12.16	13.49	14.26	15.14	16.45	15.78	17.12	17.89
	3H	12.87	14.06	13.52	14.74	15.54	18.10	19.29	18.75	19.97	20.77
	4H	13.27	14.41	13.94	15.09	15.91	19.60	20.74	20.28	21.43	22.24
	6H	13.48	14.55	14.17	15.24	16.07	21.21	22.28	21.90	22.97	23.80
	8H	13.52	14.54	14.21	15.25	16.09	22.06	23.08	22.76	23.80	24.63
	12H	13.52	14.50	14.23	15.21	16.07	23.01	23.99	23.71	24.70	25.56
4H	2H	12.68	13.82	13.35	14.50	15.32	15.46	16.60	16.13	17.28	18.10
	3H	14.32	15.29	15.00	16.02	16.85	18.64	19.62	19.33	20.34	21.17
	4H	14.88	15.79	15.59	16.51	17.37	20.32	21.22	21.03	21.95	22.81
	6H	15.23	16.02	15.95	16.77	17.64	22.14	22.94	22.86	23.69	24.56
	8H	15.30	16.05	16.02	16.80	17.68	23.12	23.87	23.84	24.61	25.50
	12H	15.32	16.01	16.07	16.78	17.67	24.20	24.89	24.95	25.66	26.54
8H	4H	15.99	16.74	16.72	17.49	18.37	20.49	21.24	21.22	21.99	22.87
	6H	16.60	17.24	17.35	18.03	18.91	22.49	23.13	23.24	23.91	24.80
	8H	16.80	17.37	17.56	18.16	19.06	23.61	24.18	24.37	24.97	25.87
	12H	16.91	17.43	17.68	18.20	19.16	24.88	25.40	25.65	26.18	27.14
12H	4H	16.36	17.04	17.10	17.81	18.70	20.48	21.17	21.23	21.94	22.83
	6H	17.14	17.71	17.90	18.50	19.40	22.52	23.10	23.28	23.88	24.78
	8H	17.46	17.98	18.23	18.76	19.72	23.70	24.21	24.47	24.99	25.95