

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: P892686

Luminaire Tested: 2MB-3SL-RNDU-UNV-L835

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892686
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2MB-3SL-RNDU-UNV-L835
Description: 3000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 5
Light Source: -
Ballast/Driver: -

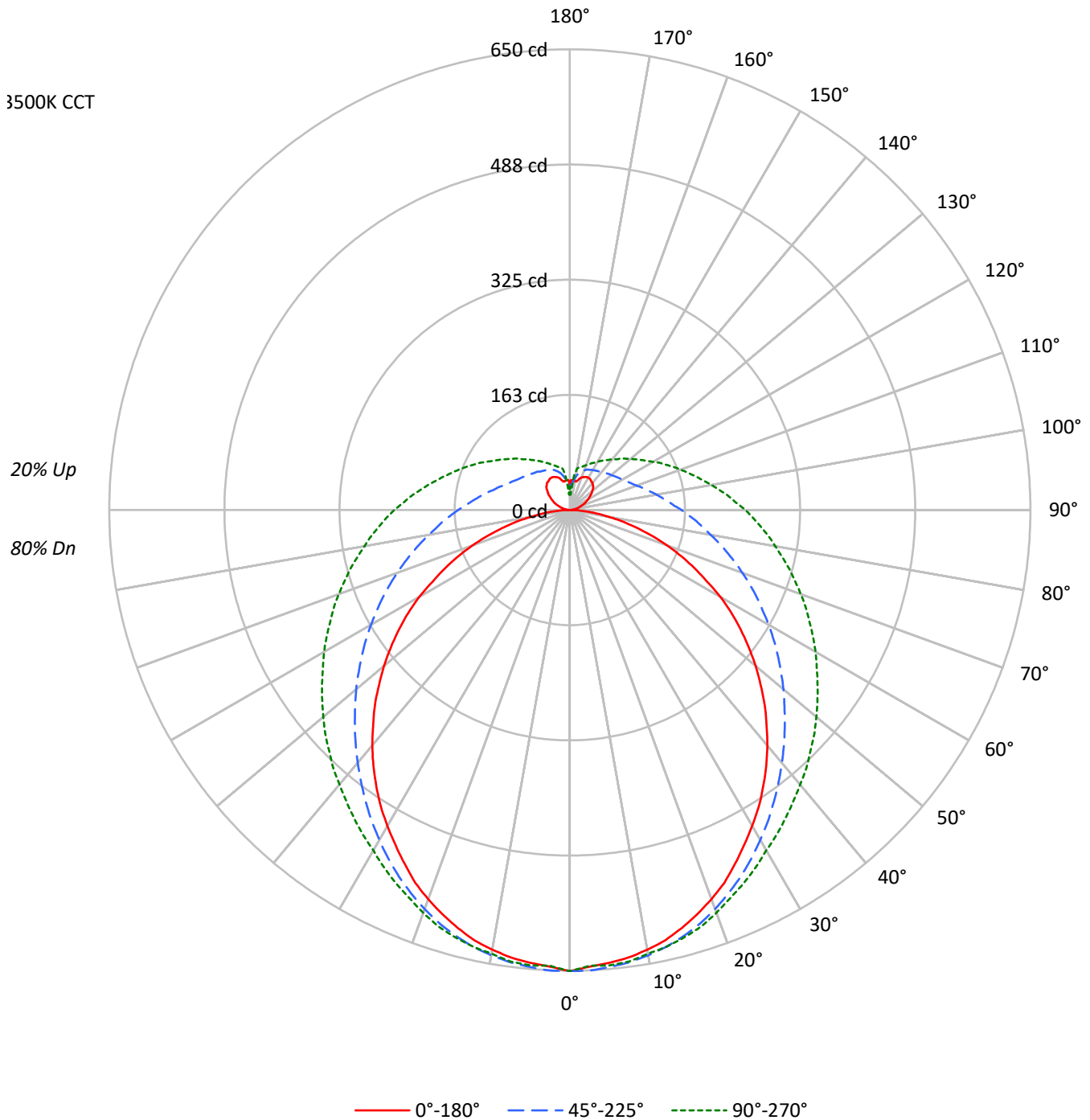
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2733.0 lumens
Efficiency: N/A
Efficacy: 130.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 1.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 21
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.998
Total Harmonic Distortion (THDi): 8
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P892686
CATALOG NUMBER: 2MB-3SL-RNDU-UNV-L835

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	37	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°	9306	9306	9306
5°	9127	8932	8836
10°	8983	8568	8419
15°	8794	8197	8061
20°	8567	7808	7676
25°	8293	7410	7303
30°	8015	7009	6960
35°	7740	6626	6698
40°	7442	6266	6468
45°	7122	5938	6279
50°	6771	5651	6115
55°	6383	5384	5972
60°	5938	5152	5881
65°	5357	4949	5808
70°	4740	4776	5791
75°	3940	4655	5821
80°	2945	4598	5905
85°	1788	4684	6113

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7122 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.5	2.2
10°-20°	175.5	6.4
20°-30°	263.2	9.6
30°-40°	316.3	11.6
40°-50°	335.3	12.3
50°-60°	322.8	11.8
60°-70°	285.1	10.4
70°-80°	233.3	8.5
80°-90°	181.1	6.6
90°-100°	140.3	5.1
100°-110°	111.3	4.1
110°-120°	89.0	3.3
120°-130°	71.2	2.6
130°-140°	56.2	2.1
140°-150°	42.4	1.6
150°-160°	29.0	1.1
160°-170°	15.5	0.6
170°-180°	4.0	0.1
0°-30°	500.3	18.3
0°-40°	816.6	29.9
0°-60°	1474.7	54.0
0°-90°	2174.3	79.6
90°-120°	340.6	12.5
90°-150°	510.3	18.7
90°-180°	559.0	20.5
0°-180°	2733.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	650	650	650	650	650	
5°	641	648	647	649	645	61
15°	610	621	622	628	624	172
25°	551	565	571	581	581	254
35°	476	490	502	524	531	298
45°	389	404	429	467	480	300
55°	294	312	358	407	427	263
65°	194	222	291	350	373	192
75°	99	146	229	296	321	106
85°	24	89	179	245	270	26
90°	1	71	158	221	248	2
95°	3	58	139	200	225	3
105°	13	47	111	163	184	13
115°	24	44	92	134	151	23
125°	35	47	81	111	123	32
135°	47	50	73	94	103	36
145°	51	52	67	80	86	32
155°	51	56	63	70	73	24
165°	43	49	55	62	63	13
175°	42	40	38	34	32	4
180°	33	33	33	33	33	



TEST NUMBER: P892686
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	644.8	648.2	649.3	648.2	648.2	650.5	650.5	655.0	656.2	649.3	650.5
5°	641.4	644.8	647.1	645.9	645.9	648.2	647.1	651.6	652.8	647.1	647.1
7.5°	636.8	640.2	642.5	641.4	641.4	643.6	642.5	647.1	648.2	643.6	643.6
10°	629.9	634.5	636.8	634.5	635.6	637.9	636.8	641.4	642.5	637.9	637.9
12.5°	622.0	626.5	628.8	627.7	628.8	629.9	628.8	634.5	635.6	631.1	631.1
15°	610.5	616.2	617.4	616.2	617.4	620.8	618.5	623.1	626.5	622.0	622.0
17.5°	598.0	603.7	606.0	604.8	607.1	609.4	607.1	612.8	615.1	610.5	611.7
20°	584.3	590.0	592.3	591.1	593.4	595.7	593.4	599.1	601.4	598.0	599.1
22.5°	569.5	575.2	577.4	576.3	578.6	580.9	578.6	584.3	587.7	584.3	585.4
25°	551.2	558.0	560.3	559.2	561.5	564.9	561.5	568.3	571.7	569.5	570.6
27.5°	532.9	538.6	543.2	540.9	544.4	547.8	545.5	550.1	554.6	553.5	554.6
30°	514.7	520.4	525.0	522.7	526.1	529.5	526.1	531.8	536.4	536.4	537.5
32.5°	496.4	501.0	504.4	503.3	505.6	510.1	507.8	513.5	518.1	518.1	520.4
35°	475.9	480.4	483.9	482.7	486.2	489.6	487.3	493.0	498.7	499.8	502.1
37.5°	455.3	459.9	463.3	462.2	464.5	469.0	466.8	473.6	478.2	480.4	483.9
40°	433.7	438.2	441.6	440.5	443.9	447.4	446.2	451.9	457.6	461.0	465.6
42.5°	410.8	415.4	418.8	418.8	422.2	426.8	424.5	431.4	437.1	441.6	447.4
45°	389.1	392.6	396.0	396.0	400.6	404.0	402.8	409.7	416.5	422.2	429.1
47.5°	365.2	369.7	372.0	373.2	377.7	381.2	381.2	388.0	396.0	404.0	410.8
50°	342.4	345.8	349.2	349.2	354.9	358.3	358.3	366.3	376.6	385.7	393.7
52.5°	318.4	321.8	325.2	326.4	330.9	335.5	335.5	344.6	356.1	366.3	375.5
55°	294.4	297.9	300.1	302.4	308.1	311.5	313.8	324.1	336.7	346.9	358.3
57.5°	270.5	272.7	276.2	278.5	285.3	289.9	293.3	304.7	317.3	329.8	341.2
60°	245.4	248.8	251.1	254.5	261.3	268.2	271.6	284.2	297.9	311.5	324.1
62.5°	218.0	221.4	224.8	229.4	239.7	245.4	251.1	264.8	278.5	293.3	307.0
65°	194.0	196.3	199.7	204.3	215.7	222.5	229.4	244.2	260.2	276.2	291.0
67.5°	170.0	172.3	176.9	182.6	195.1	202.0	208.8	224.8	243.1	260.2	275.0
70°	146.1	147.2	152.9	160.9	174.6	181.5	189.4	205.4	223.7	243.1	259.1
72.5°	122.1	124.4	130.1	139.2	155.2	163.2	171.2	189.4	207.7	226.0	244.2
75°	99.3	100.4	108.4	119.8	136.9	146.1	155.2	173.5	192.9	212.3	229.4
77.5°	77.6	78.7	89.0	101.6	119.8	130.1	139.2	157.5	178.0	197.4	215.7
80°	57.1	59.3	69.6	85.6	103.8	114.1	125.5	144.9	164.3	184.9	202.0
82.5°	38.8	42.2	53.6	70.8	90.2	101.6	111.8	131.2	151.8	172.3	189.4
85°	24.0	27.4	41.1	58.2	78.7	89.0	99.3	119.8	140.4	159.8	179.2
87.5°	10.3	17.1	30.8	47.9	68.5	78.7	90.2	109.6	129.0	149.5	167.8
90°	1.1	10.3	24.0	41.1	60.5	70.8	81.0	100.4	119.8	139.2	157.5
92.5°	1.1	6.8	19.4	35.4	53.6	63.9	73.0	92.4	110.7	130.1	147.2
95°	3.4	6.8	17.1	32.0	49.1	58.2	67.3	85.6	103.8	122.1	139.2
97.5°	4.6	8.0	17.1	29.7	44.5	53.6	62.8	79.9	97.0	114.1	131.2
100°	6.8	9.1	17.1	28.5	42.2	50.2	58.2	74.2	91.3	108.4	124.4
102.5°	9.1	11.4	18.3	28.5	41.1	47.9	55.9	70.8	85.6	101.6	117.5
105°	12.6	13.7	19.4	28.5	39.9	46.8	53.6	67.3	81.0	97.0	110.7
107.5°	14.8	16.0	20.5	29.7	39.9	45.6	52.5	63.9	77.6	91.3	106.1
110°	17.1	17.1	22.8	30.8	39.9	44.5	51.4	62.8	75.3	87.9	100.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	20.5	20.5	24.0	32.0	39.9	44.5	50.2	60.5	71.9	84.4	95.9
115°	24.0	22.8	26.2	33.1	41.1	44.5	50.2	59.3	69.6	81.0	92.4
117.5°	26.2	25.1	28.5	34.2	41.1	45.6	50.2	59.3	68.5	78.7	89.0
120°	29.7	27.4	29.7	35.4	42.2	45.6	50.2	58.2	67.3	76.5	85.6
122.5°	32.0	30.8	32.0	37.7	43.4	45.6	50.2	57.1	66.2	74.2	83.3
125°	35.4	33.1	34.2	38.8	44.5	46.8	51.4	57.1	65.0	73.0	81.0
127.5°	38.8	35.4	35.4	39.9	44.5	47.9	51.4	57.1	63.9	70.8	78.7
130°	41.1	38.8	37.7	42.2	45.6	47.9	51.4	57.1	62.8	69.6	76.5
132.5°	44.5	41.1	39.9	43.4	46.8	49.1	52.5	57.1	62.8	68.5	75.3
135°	46.8	43.4	42.2	44.5	47.9	50.2	52.5	57.1	62.8	67.3	73.0
137.5°	47.9	45.6	44.5	45.6	49.1	51.4	53.6	57.1	61.6	66.2	71.9
140°	50.2	47.9	46.8	47.9	50.2	51.4	53.6	57.1	61.6	65.0	70.8
142.5°	50.2	50.2	47.9	49.1	50.2	52.5	54.8	57.1	60.5	65.0	68.5
145°	51.4	51.4	50.2	51.4	51.4	52.5	54.8	57.1	60.5	63.9	67.3
147.5°	52.5	52.5	52.5	52.5	52.5	53.6	54.8	57.1	60.5	62.8	66.2
150°	52.5	52.5	53.6	53.6	54.8	54.8	55.9	57.1	60.5	62.8	65.0
152.5°	52.5	51.4	53.6	54.8	55.9	55.9	55.9	57.1	59.3	61.6	63.9
155°	51.4	50.2	52.5	53.6	54.8	55.9	57.1	57.1	59.3	60.5	62.8
157.5°	50.2	49.1	51.4	52.5	53.6	54.8	55.9	55.9	57.1	59.3	61.6
160°	49.1	47.9	49.1	51.4	52.5	53.6	54.8	54.8	55.9	57.1	59.3
162.5°	46.8	45.6	46.8	49.1	50.2	51.4	52.5	53.6	54.8	55.9	57.1
165°	43.4	43.4	43.4	45.6	47.9	49.1	50.2	51.4	52.5	53.6	54.8
167.5°	41.1	39.9	41.1	42.2	44.5	45.6	46.8	47.9	49.1	50.2	51.4
170°	41.1	39.9	39.9	41.1	42.2	42.2	43.4	44.5	45.6	46.8	47.9
172.5°	42.2	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2
175°	42.2	42.2	41.1	41.1	39.9	39.9	39.9	39.9	38.8	37.7	37.7
177.5°	42.2	42.2	42.2	41.1	41.1	39.9	39.9	39.9	38.8	37.7	35.4
180°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	649.3	649.3	644.8	649.3	650.5	648.2	647.1	649.3	645.9	643.6
5°	647.1	647.1	643.6	648.2	649.3	647.1	647.1	649.3	645.9	644.8
7.5°	642.5	643.6	641.4	645.9	647.1	644.8	644.8	647.1	644.8	642.5
10°	637.9	637.9	636.8	640.2	640.2	639.1	637.9	640.2	639.1	635.6
12.5°	631.1	632.2	629.9	634.5	635.6	633.4	633.4	635.6	633.4	631.1
15°	623.1	623.1	623.1	626.5	627.7	626.5	626.5	628.8	626.5	624.2
17.5°	612.8	614.0	614.0	618.5	619.7	617.4	617.4	620.8	619.7	616.2
20°	600.3	601.4	602.6	606.0	607.1	606.0	606.0	608.3	608.3	604.8
22.5°	587.7	587.7	590.0	593.4	594.6	593.4	593.4	596.8	596.8	592.3
25°	572.9	572.9	576.3	580.9	580.9	579.7	580.9	583.2	584.3	580.9
27.5°	558.0	559.2	562.6	567.2	567.2	567.2	567.2	570.6	570.6	568.3
30°	540.9	543.2	546.6	551.2	552.3	552.3	553.5	555.8	558.0	554.6
32.5°	523.8	526.1	530.7	536.4	537.5	538.6	539.8	544.4	546.6	543.2
35°	506.7	509.0	515.8	522.7	523.8	525.0	527.2	531.8	534.1	530.7
37.5°	489.6	493.0	502.1	507.8	510.1	511.3	514.7	518.1	522.7	518.1
40°	473.6	477.0	487.3	494.1	495.3	497.6	501.0	505.6	509.0	505.6
42.5°	456.5	461.0	471.3	479.3	481.6	483.9	487.3	491.9	496.4	494.1
45°	439.4	445.1	456.5	464.5	466.8	470.2	474.7	479.3	483.9	480.4
47.5°	422.2	429.1	441.6	449.6	451.9	456.5	461.0	465.6	470.2	467.9
50°	405.1	412.0	425.7	434.8	438.2	442.8	446.2	451.9	456.5	454.2
52.5°	389.1	396.0	410.8	420.0	423.4	427.9	432.5	438.2	442.8	440.5
55°	370.9	378.9	394.9	404.0	407.4	413.1	418.8	423.4	429.1	426.8
57.5°	354.9	364.0	380.0	390.3	393.7	399.4	405.1	410.8	416.5	413.1
60°	338.9	348.1	365.2	375.5	378.9	385.7	391.4	396.0	402.8	400.6
62.5°	323.0	333.2	349.2	360.6	365.2	370.9	376.6	382.3	388.0	386.9
65°	305.8	317.3	334.4	345.8	350.3	357.2	362.9	368.6	374.3	373.2
67.5°	292.1	303.6	320.7	332.1	336.7	343.5	350.3	356.1	361.8	360.6
70°	276.2	288.7	305.8	317.3	321.8	328.7	335.5	341.2	346.9	346.9
72.5°	262.5	275.0	292.1	303.6	309.3	316.1	323.0	328.7	334.4	333.2
75°	248.8	261.3	278.5	289.9	295.6	303.6	310.4	316.1	321.8	320.7
77.5°	233.9	247.6	264.8	276.2	281.9	289.9	296.7	302.4	308.1	307.0
80°	220.3	235.1	252.2	263.6	269.3	276.2	284.2	289.9	295.6	294.4
82.5°	207.7	222.5	240.8	252.2	257.9	264.8	272.7	278.5	283.0	283.0
85°	196.3	210.0	227.1	239.7	245.4	252.2	260.2	265.9	271.6	270.5
87.5°	184.9	198.6	214.5	227.1	232.8	239.7	248.8	254.5	259.1	259.1
90°	174.6	188.3	204.3	215.7	221.4	228.2	236.2	243.1	247.6	247.6
92.5°	165.5	178.0	194.0	204.3	210.0	216.8	226.0	230.5	235.1	235.1
95°	156.3	168.9	183.7	194.0	199.7	206.6	214.5	220.3	223.7	224.8
97.5°	147.2	159.8	174.6	183.7	189.4	196.3	204.3	208.8	212.3	213.4
100°	139.2	151.8	165.5	174.6	180.3	187.2	194.0	198.6	202.0	203.1
102.5°	132.4	143.8	157.5	166.6	171.2	176.9	184.9	189.4	192.9	192.9
105°	125.5	136.9	149.5	158.6	163.2	168.9	175.7	180.3	183.7	183.7
107.5°	118.7	130.1	141.5	150.6	155.2	159.8	166.6	171.2	174.6	174.6
110°	113.0	123.2	134.7	142.6	147.2	151.8	158.6	163.2	165.5	166.6



TEST NUMBER: P892686
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	108.4	117.5	127.8	135.8	140.4	144.9	150.6	155.2	157.5	158.6
115°	103.8	111.8	122.1	129.0	133.5	138.1	143.8	147.2	149.5	150.6
117.5°	99.3	107.3	116.4	123.2	126.7	131.2	136.9	140.4	142.6	143.8
120°	95.9	102.7	111.8	117.5	121.0	125.5	130.1	133.5	135.8	135.8
122.5°	91.3	99.3	106.1	111.8	115.3	118.7	124.4	126.7	129.0	129.0
125°	89.0	94.7	102.7	107.3	110.7	114.1	118.7	121.0	123.2	123.2
127.5°	85.6	91.3	98.1	102.7	105.0	108.4	113.0	115.3	116.4	117.5
130°	83.3	89.0	94.7	99.3	101.6	103.8	108.4	109.6	111.8	111.8
132.5°	81.0	85.6	91.3	94.7	97.0	99.3	102.7	105.0	106.1	107.3
135°	78.7	83.3	87.9	91.3	93.6	95.9	99.3	100.4	101.6	102.7
137.5°	76.5	81.0	84.4	87.9	89.0	91.3	94.7	95.9	97.0	97.0
140°	74.2	78.7	82.2	84.4	86.7	87.9	91.3	92.4	92.4	93.6
142.5°	73.0	76.5	78.7	81.0	83.3	84.4	86.7	87.9	89.0	89.0
145°	70.8	74.2	76.5	78.7	79.9	81.0	83.3	84.4	85.6	85.6
147.5°	69.6	71.9	74.2	76.5	77.6	78.7	81.0	81.0	82.2	82.2
150°	67.3	70.8	71.9	74.2	75.3	75.3	77.6	78.7	78.7	78.7
152.5°	66.2	68.5	69.6	70.8	71.9	73.0	74.2	75.3	75.3	75.3
155°	65.0	67.3	68.5	69.6	69.6	70.8	71.9	71.9	71.9	73.0
157.5°	63.9	65.0	66.2	67.3	67.3	68.5	69.6	69.6	69.6	69.6
160°	61.6	62.8	63.9	65.0	66.2	66.2	67.3	67.3	67.3	67.3
162.5°	58.2	60.5	61.6	62.8	63.9	63.9	65.0	65.0	65.0	65.0
165°	55.9	57.1	58.2	60.5	61.6	61.6	62.8	62.8	62.8	62.8
167.5°	53.6	53.6	54.8	55.9	58.2	59.3	60.5	61.6	61.6	61.6
170°	49.1	49.1	50.2	50.2	52.5	53.6	55.9	58.2	59.3	59.3
172.5°	43.4	43.4	44.5	43.4	44.5	44.5	45.6	47.9	50.2	51.4
175°	37.7	37.7	35.4	34.2	34.2	33.1	33.1	32.0	29.7	32.0
177.5°	33.1	32.0	29.7	27.4	27.4	26.2	26.2	24.0	21.7	21.7
180°	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1



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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	14.64	15.95	15.29	16.62	17.39	18.03	19.34	18.67	20.00	20.77
	3H	15.96	17.16	16.62	17.84	18.64	20.84	22.04	21.50	22.71	23.52
	4H	16.36	17.50	17.04	18.19	19.00	22.26	23.40	22.93	24.09	24.90
	6H	16.57	17.63	17.26	18.33	19.16	23.75	24.81	24.43	25.50	26.34
	8H	16.60	17.62	17.30	18.34	19.17	24.50	25.52	25.20	26.24	27.07
	12H	16.61	17.58	17.31	18.30	19.16	25.29	26.27	26.00	26.98	27.84
4H	2H	15.77	16.90	16.44	17.59	18.41	18.36	19.50	19.04	20.19	21.00
	3H	17.37	18.35	18.06	19.07	19.91	21.42	22.39	22.11	23.12	23.95
	4H	17.93	18.83	18.64	19.56	20.42	23.01	23.91	23.72	24.64	25.50
	6H	18.27	19.07	19.00	19.82	20.69	24.71	25.51	25.43	26.26	27.13
	8H	18.35	19.10	19.07	19.85	20.73	25.59	26.34	26.32	27.09	27.97
	12H	18.37	19.06	19.12	19.83	20.72	26.52	27.20	27.27	27.98	28.87
8H	4H	18.98	19.73	19.70	20.47	21.36	23.19	23.94	23.92	24.69	25.58
	6H	19.59	20.23	20.34	21.01	21.90	25.08	25.72	25.83	26.50	27.39
	8H	19.79	20.37	20.55	21.15	22.05	26.11	26.68	26.87	27.47	28.37
	12H	19.90	20.42	20.67	21.20	22.16	27.24	27.76	28.01	28.54	29.49
12H	4H	19.31	19.99	20.06	20.76	21.65	23.19	23.87	23.94	24.64	25.53
	6H	20.08	20.66	20.85	21.45	22.35	25.11	25.69	25.88	26.48	27.38
	8H	20.41	20.93	21.18	21.71	22.67	26.20	26.72	26.98	27.50	28.46