

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: P892681

Luminaire Tested: 2MB-3SL-RND-UNV-L930

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892681
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2MB-3SL-RND-UNV-L930
Description: 3000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 3000K CCT
Light Source: -
Ballast/Driver: -

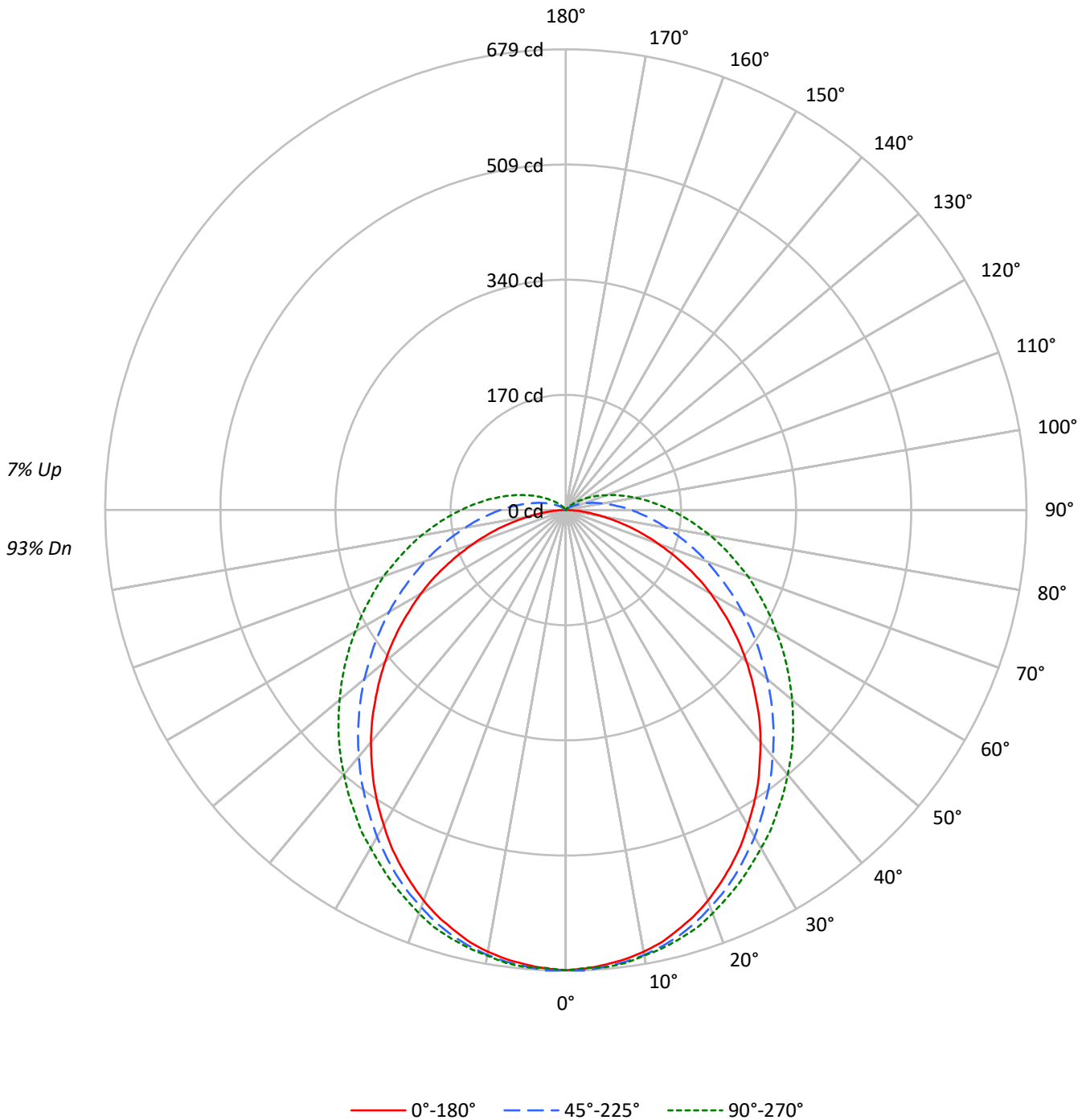
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2207.1 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.27 / 1.35
Luminous Opening: Rectangular (W 0.38' x L: 1.98' x H: 0')
CIE Type: Direct

Input Watts (W): 21
Input Voltage (V): 120
Input Current (Ain): 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

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	77	77	77	77	74
2	95	86	79	72	92	84	77	71	79	73	68	75	70	66	70	67	63	63	63	63	61
3	87	75	67	60	83	73	65	59	69	62	57	65	60	55	62	57	53	53	53	53	50
4	79	67	57	50	76	65	56	50	61	54	48	58	52	47	55	50	45	45	45	45	43
5	73	59	50	43	70	58	49	43	55	47	41	52	46	40	50	44	39	39	39	39	37
6	67	53	44	38	65	52	43	37	49	42	36	47	40	35	45	39	34	34	34	34	32
7	62	48	39	33	60	47	39	33	45	37	32	43	36	31	41	35	31	31	31	31	28
8	58	44	35	29	56	43	35	29	41	34	29	39	33	28	38	32	27	27	27	27	25
9	54	40	32	26	52	40	32	26	38	31	26	36	30	25	35	29	25	25	25	25	23
10	51	37	29	24	49	37	29	24	35	28	23	34	27	23	32	27	22	22	22	22	21

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	9703	9703	9703
5°	9659	9699	9713
10°	9605	9673	9688
15°	9481	9609	9678
20°	9326	9484	9630
25°	9112	9354	9564
30°	8861	9191	9505
35°	8618	9017	9483
40°	8344	8859	9500
45°	8038	8732	9579
50°	7738	8628	9690
55°	7412	8577	9909
60°	7058	8612	10248
65°	6611	8770	10866
70°	6056	9244	11954
75°	5477	10165	13796
80°	4630	12398	17819
85°	3759	20008	30185

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 55294 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	2.9
10°-20°	182.5	8.3
20°-30°	272.1	12.3
30°-40°	322.9	14.6
40°-50°	333.7	15.1
50°-60°	308.0	14.0
60°-70°	255.7	11.6
70°-80°	189.5	8.6
80°-90°	124.9	5.7
90°-100°	75.9	3.4
100°-110°	42.9	1.9
110°-120°	21.4	1.0
120°-130°	8.9	0.4
130°-140°	2.9	0.1
140°-150°	0.9	0.0
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	518.7	23.5
0°-40°	841.7	38.1
0°-60°	1483.4	67.2
0°-90°	2053.5	93.0
90°-120°	140.3	6.4
90°-150°	152.9	6.9
90°-180°	154.0	7.0
0°-180°	2207.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	678	678	678	678	678	
5°	673	682	675	674	676	64
15°	640	651	649	651	654	181
25°	577	587	593	598	606	266
35°	494	504	516	532	543	308
45°	397	410	432	457	474	307
55°	297	311	344	378	397	266
65°	195	215	259	301	321	194
75°	99	130	184	230	250	105
85°	23	65	122	165	184	26
90°	0	43	96	137	154	1
95°	0	26	73	112	128	0
105°	0	9	41	70	83	0
115°	0	2	19	39	49	0
125°	0	1	8	18	24	0
135°	1	0	2	7	9	1
145°	1	1	1	2	2	1
155°	1	1	1	0	0	0
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3
2.5°	676.4	674.5	675.4	675.4	678.3	685.9	683.1	683.1	683.1	675.4	679.3
5°	672.6	670.7	671.6	672.6	674.5	682.1	679.3	680.2	679.3	671.6	675.4
7.5°	667.8	665.9	665.9	666.9	669.7	677.3	674.5	675.4	674.5	666.9	671.6
10°	661.2	659.2	660.2	661.2	663.1	671.6	668.8	668.8	668.8	662.1	665.9
12.5°	652.6	650.7	651.6	652.6	655.4	662.1	659.2	660.2	660.2	654.5	658.3
15°	640.2	638.3	640.2	641.1	644.0	650.7	648.8	649.7	649.7	644.0	648.8
17.5°	627.8	624.9	626.9	627.8	631.6	637.3	635.4	637.3	637.3	631.6	637.3
20°	612.6	609.7	611.6	613.5	616.4	622.1	620.2	622.1	622.1	617.3	623.0
22.5°	595.4	592.6	594.5	596.4	600.2	604.9	604.0	605.9	605.9	602.1	608.8
25°	577.3	574.5	577.3	578.3	582.1	586.8	586.8	587.8	588.7	585.9	592.6
27.5°	558.3	554.5	557.3	559.2	563.0	567.8	567.8	569.7	569.7	568.7	574.5
30°	536.4	533.5	537.3	538.3	542.1	546.8	547.8	549.7	549.7	548.7	556.4
32.5°	515.4	512.5	515.4	517.3	522.1	525.9	526.8	528.7	529.7	529.7	536.4
35°	493.5	490.6	493.5	495.4	500.1	504.0	504.9	506.8	507.8	509.7	516.3
37.5°	469.7	467.8	470.6	472.5	477.3	481.1	482.0	484.9	485.9	488.7	496.3
40°	446.8	443.9	446.8	448.7	454.4	457.3	459.2	462.0	463.9	466.8	474.4
42.5°	423.0	421.1	423.0	426.8	430.6	434.4	436.3	439.2	442.0	446.8	453.5
45°	397.3	397.3	399.2	403.0	406.8	409.6	412.5	416.3	419.2	423.9	431.6
47.5°	372.5	372.5	374.4	377.3	382.0	384.9	387.7	392.5	395.4	401.1	409.6
50°	347.7	346.8	349.6	353.4	358.2	361.1	363.9	368.7	372.5	379.2	387.7
52.5°	323.0	321.0	323.9	328.7	332.5	336.3	339.1	343.9	348.7	357.2	364.9
55°	297.2	296.3	299.1	302.9	307.7	310.6	314.4	320.1	325.8	334.4	343.9
57.5°	271.5	271.5	274.4	278.2	283.9	286.8	290.6	297.2	302.9	312.5	322.0
60°	246.7	245.8	248.6	254.4	259.1	262.9	266.7	274.4	281.0	291.5	301.0
62.5°	222.0	221.0	224.8	228.6	235.3	239.1	242.9	251.5	259.1	270.6	280.1
65°	195.3	196.2	199.1	202.9	210.5	215.3	220.1	229.6	238.2	248.6	259.1
67.5°	169.6	169.6	173.4	178.1	187.7	192.4	197.2	207.7	216.3	228.6	239.1
70°	144.8	145.8	150.5	155.3	164.8	169.6	175.3	186.7	196.2	208.6	221.0
72.5°	121.0	122.9	126.7	134.3	143.9	148.6	155.3	166.7	176.2	189.6	202.0
75°	99.1	100.0	104.8	113.4	123.8	129.6	135.3	147.7	159.1	171.5	183.9
77.5°	76.2	78.1	83.8	93.4	105.7	111.5	117.2	130.5	141.9	154.3	166.7
80°	56.2	58.1	65.7	75.3	88.6	94.3	101.0	114.3	125.8	138.1	150.5
82.5°	38.1	41.0	48.6	59.1	72.4	79.1	85.7	99.1	111.5	123.8	136.2
85°	22.9	25.7	34.3	45.7	59.1	64.8	71.4	85.7	97.2	109.6	121.9
87.5°	9.5	14.3	22.9	34.3	46.7	52.4	60.0	73.4	84.8	96.2	108.6
90°	0.0	5.7	14.3	24.8	37.2	42.9	48.6	61.9	73.4	84.8	96.2
92.5°	0.0	1.9	8.6	17.1	28.6	33.3	39.1	51.4	61.9	73.4	84.8
95°	0.0	1.0	4.8	12.4	21.0	25.7	31.4	42.9	52.4	63.8	73.4
97.5°	0.0	0.0	2.9	8.6	16.2	20.0	24.8	35.2	44.8	54.3	64.8
100°	0.0	0.0	1.9	5.7	11.4	15.2	19.1	28.6	37.2	46.7	55.3
102.5°	0.0	0.0	1.0	3.8	8.6	11.4	14.3	22.9	30.5	39.1	47.6
105°	0.0	0.0	1.0	1.9	5.7	8.6	11.4	18.1	24.8	32.4	41.0
107.5°	0.0	0.0	0.0	1.9	4.8	6.7	8.6	14.3	20.0	26.7	34.3
110°	0.0	0.0	0.0	1.0	2.9	4.8	6.7	11.4	16.2	21.9	28.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	1.0	1.9	2.9	4.8	8.6	12.4	18.1	22.9
115°	0.0	0.0	0.0	0.0	1.0	1.9	2.9	6.7	9.5	14.3	19.1
117.5°	0.0	0.0	0.0	0.0	1.0	1.9	1.9	4.8	7.6	11.4	15.2
120°	0.0	0.0	0.0	0.0	1.0	1.0	1.9	3.8	5.7	8.6	12.4
122.5°	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.9	3.8	6.7	9.5
125°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9	2.9	4.8	7.6
127.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.9	3.8	5.7
130°	1.0	0.0	0.0	0.0	1.0	0.0	1.0	1.0	1.9	2.9	3.8
132.5°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9	2.9
135°	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0	1.0	1.9
137.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9
140°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
175°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3	678.3
2.5°	679.3	671.6	676.4	675.4	674.5	672.6	677.3	673.5	675.4	675.4
5°	676.4	668.8	674.5	674.5	673.5	671.6	676.4	672.6	675.4	676.4
7.5°	671.6	665.9	671.6	670.7	670.7	668.8	673.5	670.7	673.5	673.5
10°	665.9	660.2	665.9	665.0	665.0	663.1	666.9	664.0	666.9	666.9
12.5°	658.3	652.6	659.2	658.3	657.3	656.4	660.2	657.3	661.2	661.2
15°	648.8	645.0	651.6	650.7	650.7	648.8	653.5	650.7	654.5	653.5
17.5°	638.3	634.5	641.1	641.1	640.2	640.2	643.0	640.2	645.0	645.0
20°	624.0	620.2	627.8	627.8	626.9	626.9	629.7	626.9	632.6	632.6
22.5°	608.8	605.9	612.6	613.5	612.6	612.6	615.4	613.5	619.2	619.2
25°	592.6	591.6	598.3	599.2	598.3	599.2	602.1	600.2	605.9	605.9
27.5°	575.4	575.4	582.1	583.0	584.0	584.0	586.8	584.9	591.6	590.7
30°	557.3	557.3	564.9	566.8	566.8	567.8	570.6	568.7	575.4	575.4
32.5°	538.3	539.2	546.8	549.7	549.7	551.6	553.5	552.5	559.2	561.1
35°	519.2	520.2	528.7	531.6	532.5	533.5	536.4	536.4	542.1	543.0
37.5°	497.3	501.1	508.7	512.5	513.5	515.4	518.3	518.3	524.9	526.8
40°	476.3	481.1	489.7	493.5	494.4	496.3	500.1	500.1	506.8	508.7
42.5°	456.3	462.0	469.7	475.4	476.3	479.2	481.1	483.0	489.7	491.6
45°	434.4	441.1	449.7	455.4	457.3	460.1	462.0	464.9	470.6	473.5
47.5°	413.5	420.1	429.7	436.3	437.3	441.1	443.0	445.8	451.6	454.4
50°	391.5	400.1	409.6	417.3	418.2	421.1	423.9	426.8	432.5	435.4
52.5°	370.6	379.2	388.7	396.3	398.2	401.1	403.9	406.8	413.5	416.3
55°	349.6	358.2	367.7	376.3	378.2	381.1	383.9	387.7	394.4	397.3
57.5°	328.7	338.2	347.7	356.3	358.2	362.0	364.9	368.7	374.4	378.2
60°	308.7	318.2	328.7	337.2	338.2	343.9	345.8	349.6	355.3	358.2
62.5°	287.7	300.1	308.7	318.2	320.1	323.9	326.8	330.6	336.3	340.1
65°	267.7	280.1	288.7	298.2	301.0	304.9	307.7	311.5	317.2	321.0
67.5°	248.6	261.0	270.6	280.1	282.9	285.8	289.6	293.4	298.2	302.9
70°	230.5	243.9	252.5	262.0	264.8	268.7	272.5	275.3	281.0	285.8
72.5°	212.4	225.8	234.4	244.8	246.7	250.6	254.4	258.2	262.9	266.7
75°	194.3	207.7	217.2	226.7	229.6	233.4	237.2	241.0	245.8	249.6
77.5°	177.2	190.5	200.1	210.5	212.4	216.3	221.0	224.8	228.6	232.5
80°	161.0	174.3	183.9	193.4	196.2	200.1	203.9	208.6	212.4	216.3
82.5°	146.7	159.1	167.7	178.1	180.1	183.9	187.7	191.5	195.3	199.1
85°	132.4	144.8	153.4	162.9	164.8	168.6	172.4	176.2	181.0	183.9
87.5°	119.1	130.5	140.0	148.6	150.5	154.3	158.1	161.0	164.8	168.6
90°	106.7	118.1	126.7	135.3	137.2	141.0	143.9	147.7	151.5	154.3
92.5°	94.3	105.7	113.4	121.9	123.8	127.7	131.5	134.3	138.1	141.0
95°	83.8	94.3	101.9	110.5	111.5	115.3	119.1	121.9	125.8	127.7
97.5°	73.4	83.8	91.5	99.1	100.0	103.8	107.7	110.5	113.4	116.2
100°	63.8	73.4	81.0	87.6	89.6	92.4	96.2	99.1	101.9	103.8
102.5°	55.3	63.8	70.5	78.1	79.1	82.9	85.7	88.6	91.5	93.4
105°	47.6	56.2	61.9	68.6	69.5	73.4	76.2	79.1	81.9	82.9
107.5°	41.0	47.6	53.3	60.0	61.9	63.8	66.7	69.5	72.4	73.4
110°	34.3	41.0	46.7	51.4	53.3	56.2	58.1	61.0	62.9	63.8



TEST NUMBER: P892681
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	28.6	34.3	39.1	44.8	45.7	48.6	50.5	52.4	55.3	56.2
115°	23.8	29.5	33.3	38.1	39.1	41.0	43.8	45.7	47.6	48.6
117.5°	20.0	23.8	27.6	31.4	33.3	35.2	37.2	39.1	40.0	41.0
120°	16.2	20.0	22.9	26.7	27.6	29.5	31.4	32.4	34.3	35.2
122.5°	12.4	16.2	19.1	21.9	22.9	24.8	25.7	27.6	28.6	28.6
125°	9.5	12.4	15.2	17.1	18.1	20.0	21.0	22.9	23.8	23.8
127.5°	7.6	9.5	11.4	14.3	14.3	16.2	17.1	18.1	19.1	19.1
130°	5.7	7.6	9.5	10.5	11.4	12.4	13.3	14.3	15.2	15.2
132.5°	3.8	5.7	6.7	8.6	8.6	9.5	10.5	10.5	11.4	11.4
135°	2.9	3.8	4.8	5.7	6.7	6.7	7.6	8.6	8.6	8.6
137.5°	1.9	2.9	3.8	4.8	4.8	4.8	5.7	5.7	6.7	6.7
140°	1.0	1.9	1.9	2.9	2.9	3.8	3.8	3.8	4.8	4.8
142.5°	1.0	1.0	1.9	1.9	1.9	1.9	2.9	2.9	2.9	2.9
145°	1.0	1.0	1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
147.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	1.9
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
165°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
175°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
177.5°	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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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	17.98	19.51	18.44	19.97	20.45	19.74	21.28	20.21	21.73	22.22
	3H	19.60	21.00	20.08	21.47	21.99	22.33	23.73	22.81	24.19	24.72
	4H	20.18	21.51	20.69	21.99	22.53	23.63	24.95	24.13	25.44	25.97
	6H	20.58	21.82	21.10	22.32	22.87	25.02	26.25	25.53	26.75	27.31
	8H	20.70	21.89	21.23	22.41	22.97	25.75	26.94	26.28	27.46	28.02
	12H	20.78	21.91	21.31	22.43	23.02	26.60	27.73	27.13	28.25	28.84
4H	2H	18.95	20.28	19.45	20.76	21.30	20.29	21.62	20.79	22.10	22.64
	3H	20.88	22.01	21.40	22.54	23.10	23.17	24.30	23.68	24.83	25.39
	4H	21.65	22.68	22.18	23.22	23.81	24.68	25.72	25.21	26.25	26.85
	6H	22.21	23.13	22.77	23.69	24.30	26.30	27.22	26.86	27.78	28.39
	8H	22.39	23.26	22.95	23.82	24.44	27.17	28.03	27.73	28.60	29.21
	12H	22.51	23.30	23.10	23.89	24.51	28.16	28.94	28.74	29.53	30.16
8H	4H	22.54	23.40	23.10	23.97	24.59	25.03	25.89	25.59	26.46	27.08
	6H	23.41	24.15	24.01	24.75	25.38	26.91	27.65	27.51	28.25	28.88
	8H	23.76	24.42	24.37	25.04	25.68	27.98	28.65	28.59	29.26	29.90
	12H	24.03	24.62	24.63	25.22	25.93	29.23	29.82	29.83	30.42	31.13
12H	4H	22.82	23.61	23.41	24.20	24.82	25.07	25.85	25.65	26.44	27.07
	6H	23.86	24.53	24.47	25.14	25.78	27.02	27.68	27.62	28.30	28.93
	8H	24.38	24.97	24.98	25.57	26.28	28.20	28.79	28.80	29.39	30.10