

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: P892565

Luminaire Tested: 2MB-2SL-RND-UNV-L830

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P892565
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-2SL-RND-UNV-L830
Description: 2000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3000K CCT
Light Source: -
Ballast/Driver: -

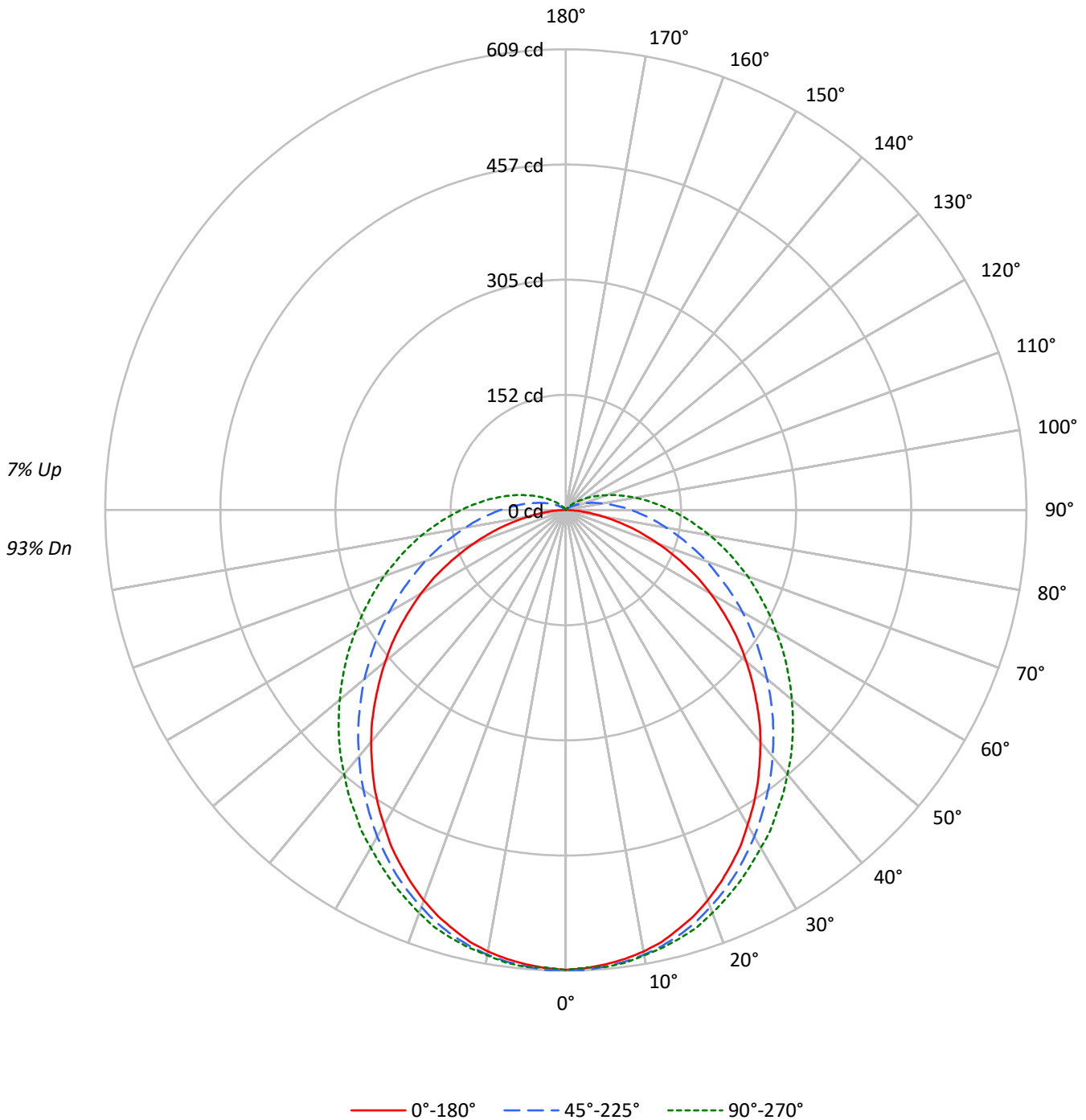
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1978.1 lumens
Efficiency: N/A
Efficacy: 132.8 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): 14.9
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.92
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	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	96	96	96	96	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	77	77	77	77	77	77	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	63	63	63	63	63	63	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	53	53	53	53	53	53	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	45	45	45	45	45	45	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	39	39	39	39	39	39	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	34	34	34	34	34	34	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	31	31	31	31	31	31	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	27	27	27	27	27	27	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	25	25	25	25	25	25	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	22	22	22	22	22	22	22	22	22	22	21				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8696	8696	8696
5°	8656	8694	8705
10°	8607	8669	8682
15°	8498	8611	8674
20°	8358	8501	8630
25°	8167	8383	8571
30°	7940	8236	8519
35°	7724	8082	8500
40°	7477	7940	8514
45°	7202	7825	8584
50°	6935	7734	8684
55°	6644	7687	8879
60°	6326	7719	9184
65°	5924	7860	9739
70°	5429	8286	10712
75°	4908	9109	12364
80°	4152	11113	15966
85°	3365	17940	27050

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 49555 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	2.9
10°-20°	163.6	8.3
20°-30°	243.9	12.3
30°-40°	289.4	14.6
40°-50°	299.1	15.1
50°-60°	276.1	14.0
60°-70°	229.2	11.6
70°-80°	169.8	8.6
80°-90°	112.0	5.7
90°-100°	68.0	3.4
100°-110°	38.5	1.9
110°-120°	19.2	1.0
120°-130°	8.0	0.4
130°-140°	2.6	0.1
140°-150°	0.8	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	464.9	23.5
0°-40°	754.4	38.1
0°-60°	1329.5	67.2
0°-90°	1840.4	93.0
90°-120°	125.7	6.4
90°-150°	137.0	6.9
90°-180°	138.0	7.0
0°-180°	1978.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	608	608	608	608	608	
5°	603	611	605	604	606	57
15°	574	583	581	583	586	162
25°	517	526	531	536	543	238
35°	442	452	463	477	487	276
45°	356	367	387	410	424	275
55°	266	278	308	339	356	238
65°	175	193	232	270	288	173
75°	89	116	165	206	224	94
85°	20	58	109	148	165	23
90°	0	38	86	123	138	1
95°	0	23	66	100	114	0
105°	0	8	37	62	74	0
115°	0	2	17	35	44	0
125°	0	1	7	16	21	0
135°	1	0	2	6	8	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	



TEST NUMBER: P892565

CATALOG NUMBER: 2MB-2SL-RND-UNV-L830

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9
2.5°	606.2	604.5	605.4	605.4	607.9	614.7	612.2	612.2	612.2	605.4	608.8
5°	602.8	601.1	601.9	602.8	604.5	611.3	608.8	609.6	608.8	601.9	605.4
7.5°	598.5	596.8	596.8	597.7	600.2	607.1	604.5	605.4	604.5	597.7	601.9
10°	592.5	590.8	591.7	592.5	594.3	601.9	599.4	599.4	599.4	593.4	596.8
12.5°	584.9	583.2	584.0	584.9	587.4	593.4	590.8	591.7	591.7	586.6	590.0
15°	573.8	572.1	573.8	574.6	577.2	583.2	581.4	582.3	582.3	577.2	581.4
17.5°	562.7	560.1	561.8	562.7	566.1	571.2	569.5	571.2	571.2	566.1	571.2
20°	549.0	546.4	548.2	549.9	552.4	557.5	555.8	557.5	557.5	553.3	558.4
22.5°	533.6	531.1	532.8	534.5	537.9	542.2	541.3	543.0	543.0	539.6	545.6
25°	517.4	514.9	517.4	518.3	521.7	526.0	526.0	526.8	527.7	525.1	531.1
27.5°	500.3	496.9	499.5	501.2	504.6	508.9	508.9	510.6	510.6	509.7	514.9
30°	480.7	478.1	481.6	482.4	485.8	490.1	490.9	492.7	492.7	491.8	498.6
32.5°	461.9	459.4	461.9	463.6	467.9	471.3	472.2	473.9	474.7	474.7	480.7
35°	442.3	439.7	442.3	444.0	448.3	451.7	452.5	454.2	455.1	456.8	462.8
37.5°	420.9	419.2	421.8	423.5	427.8	431.2	432.0	434.6	435.4	438.0	444.8
40°	400.4	397.9	400.4	402.1	407.3	409.8	411.5	414.1	415.8	418.4	425.2
42.5°	379.1	377.4	379.1	382.5	385.9	389.3	391.0	393.6	396.2	400.4	406.4
45°	356.0	356.0	357.7	361.2	364.6	367.1	369.7	373.1	375.7	379.9	386.8
47.5°	333.8	333.8	335.6	338.1	342.4	344.9	347.5	351.8	354.3	359.5	367.1
50°	311.6	310.8	313.4	316.8	321.0	323.6	326.2	330.4	333.8	339.8	347.5
52.5°	289.4	287.7	290.3	294.6	298.0	301.4	304.0	308.2	312.5	320.2	327.0
55°	266.4	265.5	268.1	271.5	275.8	278.3	281.8	286.9	292.0	299.7	308.2
57.5°	243.3	243.3	245.9	249.3	254.4	257.0	260.4	266.4	271.5	280.1	288.6
60°	221.1	220.3	222.8	228.0	232.2	235.7	239.1	245.9	251.9	261.3	269.8
62.5°	198.9	198.1	201.5	204.9	210.9	214.3	217.7	225.4	232.2	242.5	251.0
65°	175.0	175.9	178.4	181.9	188.7	193.0	197.2	205.8	213.5	222.8	232.2
67.5°	152.0	152.0	155.4	159.7	168.2	172.5	176.7	186.1	193.8	204.9	214.3
70°	129.8	130.6	134.9	139.2	147.7	152.0	157.1	167.3	175.9	187.0	198.1
72.5°	108.4	110.1	113.6	120.4	128.9	133.2	139.2	149.4	158.0	169.9	181.0
75°	88.8	89.7	93.9	101.6	111.0	116.1	121.2	132.3	142.6	153.7	164.8
77.5°	68.3	70.0	75.1	83.7	94.8	99.9	105.0	117.0	127.2	138.3	149.4
80°	50.4	52.1	58.9	67.5	79.4	84.5	90.5	102.5	112.7	123.8	134.9
82.5°	34.2	36.7	43.5	52.9	64.9	70.9	76.8	88.8	99.9	111.0	122.1
85°	20.5	23.1	30.7	41.0	52.9	58.1	64.0	76.8	87.1	98.2	109.3
87.5°	8.5	12.8	20.5	30.7	41.8	47.0	53.8	65.7	76.0	86.2	97.3
90°	0.0	5.1	12.8	22.2	33.3	38.4	43.5	55.5	65.7	76.0	86.2
92.5°	0.0	1.7	7.7	15.4	25.6	29.9	35.0	46.1	55.5	65.7	76.0
95°	0.0	0.9	4.3	11.1	18.8	23.1	28.2	38.4	47.0	57.2	65.7
97.5°	0.0	0.0	2.6	7.7	14.5	17.9	22.2	31.6	40.1	48.7	58.1
100°	0.0	0.0	1.7	5.1	10.2	13.7	17.1	25.6	33.3	41.8	49.5
102.5°	0.0	0.0	0.9	3.4	7.7	10.2	12.8	20.5	27.3	35.0	42.7
105°	0.0	0.0	0.9	1.7	5.1	7.7	10.2	16.2	22.2	29.0	36.7
107.5°	0.0	0.0	0.0	1.7	4.3	6.0	7.7	12.8	17.9	23.9	30.7
110°	0.0	0.0	0.0	0.9	2.6	4.3	6.0	10.2	14.5	19.6	25.6



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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	0.9	1.7	2.6	4.3	7.7	11.1	16.2	20.5
115°	0.0	0.0	0.0	0.0	0.9	1.7	2.6	6.0	8.5	12.8	17.1
117.5°	0.0	0.0	0.0	0.0	0.9	1.7	1.7	4.3	6.8	10.2	13.7
120°	0.0	0.0	0.0	0.0	0.9	0.9	1.7	3.4	5.1	7.7	11.1
122.5°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	1.7	3.4	6.0	8.5
125°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.7	2.6	4.3	6.8
127.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	1.7	3.4	5.1
130°	0.9	0.0	0.0	0.0	0.9	0.0	0.9	0.9	1.7	2.6	3.4
132.5°	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.7	2.6
135°	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.9	0.9	1.7
137.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.7
140°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
142.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
157.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
160°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
162.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
165°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
177.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9	607.9
2.5°	608.8	601.9	606.2	605.4	604.5	602.8	607.1	603.6	605.4	605.4
5°	606.2	599.4	604.5	604.5	603.6	601.9	606.2	602.8	605.4	606.2
7.5°	601.9	596.8	601.9	601.1	601.1	599.4	603.6	601.1	603.6	603.6
10°	596.8	591.7	596.8	596.0	596.0	594.3	597.7	595.1	597.7	597.7
12.5°	590.0	584.9	590.8	590.0	589.1	588.3	591.7	589.1	592.5	592.5
15°	581.4	578.0	584.0	583.2	583.2	581.4	585.7	583.2	586.6	585.7
17.5°	572.1	568.6	574.6	574.6	573.8	573.8	576.3	573.8	578.0	578.0
20°	559.3	555.8	562.7	562.7	561.8	561.8	564.4	561.8	566.9	566.9
22.5°	545.6	543.0	549.0	549.9	549.0	549.0	551.6	549.9	555.0	555.0
25°	531.1	530.2	536.2	537.1	536.2	537.1	539.6	537.9	543.0	543.0
27.5°	515.7	515.7	521.7	522.5	523.4	523.4	526.0	524.2	530.2	529.4
30°	499.5	499.5	506.3	508.0	508.0	508.9	511.4	509.7	515.7	515.7
32.5°	482.4	483.3	490.1	492.7	492.7	494.4	496.1	495.2	501.2	502.9
35°	465.3	466.2	473.9	476.4	477.3	478.1	480.7	480.7	485.8	486.7
37.5°	445.7	449.1	455.9	459.4	460.2	461.9	464.5	464.5	470.5	472.2
40°	426.9	431.2	438.9	442.3	443.1	444.8	448.3	448.3	454.2	455.9
42.5°	409.0	414.1	420.9	426.1	426.9	429.5	431.2	432.9	438.9	440.6
45°	389.3	395.3	403.0	408.1	409.8	412.4	414.1	416.7	421.8	424.3
47.5°	370.6	376.5	385.1	391.0	391.9	395.3	397.0	399.6	404.7	407.3
50°	350.9	358.6	367.1	374.0	374.8	377.4	379.9	382.5	387.6	390.2
52.5°	332.1	339.8	348.4	355.2	356.9	359.5	362.0	364.6	370.6	373.1
55°	313.4	321.0	329.6	337.3	339.0	341.5	344.1	347.5	353.5	356.0
57.5°	294.6	303.1	311.6	319.3	321.0	324.5	327.0	330.4	335.6	339.0
60°	276.6	285.2	294.6	302.3	303.1	308.2	309.9	313.4	318.5	321.0
62.5°	257.9	269.0	276.6	285.2	286.9	290.3	292.9	296.3	301.4	304.8
65°	239.9	251.0	258.7	267.2	269.8	273.2	275.8	279.2	284.3	287.7
67.5°	222.8	233.9	242.5	251.0	253.6	256.1	259.6	263.0	267.2	271.5
70°	206.6	218.6	226.3	234.8	237.4	240.8	244.2	246.8	251.9	256.1
72.5°	190.4	202.4	210.0	219.4	221.1	224.6	228.0	231.4	235.7	239.1
75°	174.2	186.1	194.7	203.2	205.8	209.2	212.6	216.0	220.3	223.7
77.5°	158.8	170.8	179.3	188.7	190.4	193.8	198.1	201.5	204.9	208.3
80°	144.3	156.2	164.8	173.3	175.9	179.3	182.7	187.0	190.4	193.8
82.5°	131.5	142.6	150.3	159.7	161.4	164.8	168.2	171.6	175.0	178.4
85°	118.7	129.8	137.5	146.0	147.7	151.1	154.5	158.0	162.2	164.8
87.5°	106.7	117.0	125.5	133.2	134.9	138.3	141.7	144.3	147.7	151.1
90°	95.6	105.9	113.6	121.2	122.9	126.4	128.9	132.3	135.8	138.3
92.5°	84.5	94.8	101.6	109.3	111.0	114.4	117.8	120.4	123.8	126.4
95°	75.1	84.5	91.4	99.0	99.9	103.3	106.7	109.3	112.7	114.4
97.5°	65.7	75.1	82.0	88.8	89.7	93.1	96.5	99.0	101.6	104.2
100°	57.2	65.7	72.6	78.6	80.3	82.8	86.2	88.8	91.4	93.1
102.5°	49.5	57.2	63.2	70.0	70.9	74.3	76.8	79.4	82.0	83.7
105°	42.7	50.4	55.5	61.5	62.3	65.7	68.3	70.9	73.4	74.3
107.5°	36.7	42.7	47.8	53.8	55.5	57.2	59.8	62.3	64.9	65.7
110°	30.7	36.7	41.8	46.1	47.8	50.4	52.1	54.6	56.4	57.2



TEST NUMBER: P892565
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	25.6	30.7	35.0	40.1	41.0	43.5	45.3	47.0	49.5	50.4
115°	21.3	26.5	29.9	34.2	35.0	36.7	39.3	41.0	42.7	43.5
117.5°	17.9	21.3	24.8	28.2	29.9	31.6	33.3	35.0	35.9	36.7
120°	14.5	17.9	20.5	23.9	24.8	26.5	28.2	29.0	30.7	31.6
122.5°	11.1	14.5	17.1	19.6	20.5	22.2	23.1	24.8	25.6	25.6
125°	8.5	11.1	13.7	15.4	16.2	17.9	18.8	20.5	21.3	21.3
127.5°	6.8	8.5	10.2	12.8	12.8	14.5	15.4	16.2	17.1	17.1
130°	5.1	6.8	8.5	9.4	10.2	11.1	12.0	12.8	13.7	13.7
132.5°	3.4	5.1	6.0	7.7	7.7	8.5	9.4	9.4	10.2	10.2
135°	2.6	3.4	4.3	5.1	6.0	6.0	6.8	7.7	7.7	7.7
137.5°	1.7	2.6	3.4	4.3	4.3	4.3	5.1	5.1	6.0	6.0
140°	0.9	1.7	1.7	2.6	2.6	3.4	3.4	3.4	4.3	4.3
142.5°	0.9	0.9	1.7	1.7	1.7	1.7	2.6	2.6	2.6	2.6
145°	0.9	0.9	0.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
147.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.7	1.7
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.0	0.0	0.0	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
160°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
162.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0
165°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.0
175°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
177.5°	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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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	17.59	19.13	18.06	19.58	20.07	19.36	20.90	19.83	21.35	21.84
	3H	19.22	20.62	19.70	21.08	21.61	21.95	23.35	22.43	23.81	24.34
	4H	19.80	21.13	20.31	21.61	22.15	23.25	24.57	23.75	25.06	25.59
	6H	20.20	21.44	20.72	21.94	22.49	24.64	25.88	25.15	26.37	26.93
	8H	20.32	21.51	20.85	22.03	22.59	25.37	26.56	25.90	27.08	27.64
	12H	20.40	21.53	20.93	22.05	22.64	26.22	27.35	26.75	27.87	28.46
4H	2H	18.57	19.89	19.07	20.38	20.91	19.91	21.24	20.41	21.72	22.26
	3H	20.50	21.63	21.02	22.16	22.72	22.79	23.92	23.30	24.45	25.01
	4H	21.26	22.30	21.80	22.84	23.43	24.30	25.34	24.83	25.87	26.47
	6H	21.83	22.75	22.39	23.31	23.92	25.92	26.84	26.48	27.40	28.01
	8H	22.01	22.88	22.57	23.44	24.06	26.79	27.65	27.35	28.21	28.83
	12H	22.13	22.92	22.72	23.51	24.13	27.78	28.56	28.36	29.15	29.78
8H	4H	22.16	23.02	22.72	23.59	24.21	24.65	25.51	25.21	26.08	26.70
	6H	23.03	23.77	23.62	24.37	25.00	26.53	27.27	27.13	27.87	28.50
	8H	23.38	24.04	23.98	24.66	25.29	27.60	28.26	28.21	28.88	29.52
	12H	23.65	24.24	24.25	24.84	25.55	28.85	29.44	29.45	30.04	30.75
12H	4H	22.44	23.23	23.02	23.82	24.44	24.69	25.47	25.27	26.06	26.69
	6H	23.48	24.15	24.09	24.76	25.40	26.64	27.30	27.24	27.92	28.55
	8H	24.00	24.59	24.60	25.19	25.90	27.82	28.41	28.42	29.01	29.72