

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: P892575

Luminaire Tested: 2MB-2SL-RNDU-UNV-L840

Issue Date: 11/11/2024

**Test Information**

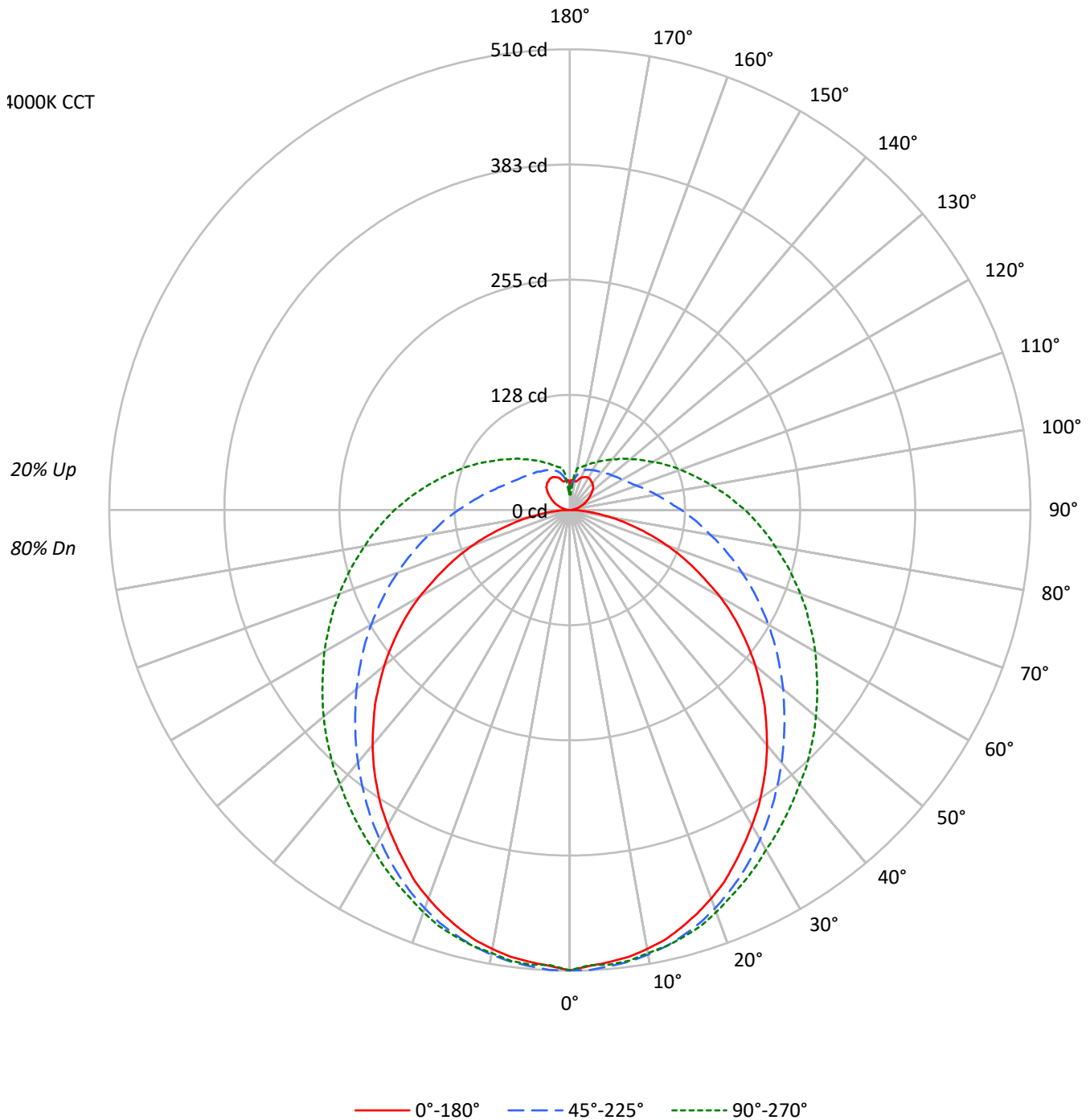
Test Method: LM-79-2019  
Report Number: P892575  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-2SL-RNDU-UNV-L840  
Description: 2000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 4  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2141.0 lumens  
Efficiency: N/A  
Efficacy: 143.7 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): 14.9  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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

TEST NUMBER: P892575  
CATALOG NUMBER: 2MB-2SL-RNDU-UNV-L840

### 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°	7290	7290	7290
5°	7149	6996	6922
10°	7038	6712	6597
15°	6889	6421	6315
20°	6711	6118	6014
25°	6497	5805	5720
30°	6279	5492	5452
35°	6064	5191	5247
40°	5829	4910	5066
45°	5581	4651	4919
50°	5304	4427	4790
55°	5002	4218	4679
60°	4651	4036	4606
65°	4198	3877	4549
70°	3711	3740	4537
75°	3087	3647	4560
80°	2306	3601	4627
85°	1401	3670	4789

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5581 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.2	2.2
10°-20°	137.5	6.4
20°-30°	206.2	9.6
30°-40°	247.8	11.6
40°-50°	262.7	12.3
50°-60°	252.9	11.8
60°-70°	223.3	10.4
70°-80°	182.8	8.5
80°-90°	141.9	6.6
90°-100°	109.9	5.1
100°-110°	87.2	4.1
110°-120°	69.7	3.3
120°-130°	55.8	2.6
130°-140°	44.0	2.1
140°-150°	33.2	1.6
150°-160°	22.7	1.1
160°-170°	12.1	0.6
170°-180°	3.1	0.1
0°-30°	391.9	18.3
0°-40°	639.7	29.9
0°-60°	1155.3	54.0
0°-90°	1703.3	79.6
90°-120°	266.8	12.5
90°-150°	399.8	18.7
90°-180°	438.0	20.5
0°-180°	2141.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	510	510	510	510	510	
5°	502	508	507	509	505	48
15°	478	486	487	492	489	135
25°	432	442	447	455	455	199
35°	373	384	393	410	416	233
45°	305	316	336	366	376	235
55°	231	244	281	319	334	206
65°	152	174	228	274	292	151
75°	78	114	180	232	251	83
85°	19	70	140	192	212	21
90°	1	55	123	173	194	1
95°	3	46	109	156	176	3
105°	10	37	87	128	144	10
115°	19	35	72	105	118	18
125°	28	37	64	87	97	25
135°	37	39	57	73	80	28
145°	40	41	53	63	67	25
155°	40	44	49	54	57	19
165°	34	38	43	48	49	10
175°	33	31	30	27	25	3
180°	26	26	26	26	26	



TEST NUMBER: P892575  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	505.1	507.8	508.7	507.8	507.8	509.6	509.6	513.2	514.1	508.7	509.6
5°	502.4	505.1	506.9	506.0	506.0	507.8	506.9	510.5	511.4	506.9	506.9
7.5°	498.9	501.5	503.3	502.4	502.4	504.2	503.3	506.9	507.8	504.2	504.2
10°	493.5	497.1	498.9	497.1	498.0	499.7	498.9	502.4	503.3	499.7	499.7
12.5°	487.2	490.8	492.6	491.7	492.6	493.5	492.6	497.1	498.0	494.4	494.4
15°	478.3	482.8	483.7	482.8	483.7	486.3	484.5	488.1	490.8	487.2	487.2
17.5°	468.5	472.9	474.7	473.8	475.6	477.4	475.6	480.1	481.9	478.3	479.2
20°	457.7	462.2	464.0	463.1	464.9	466.7	464.9	469.4	471.1	468.5	469.4
22.5°	446.1	450.6	452.4	451.5	453.3	455.0	453.3	457.7	460.4	457.7	458.6
25°	431.8	437.2	439.0	438.1	439.8	442.5	439.8	445.2	447.9	446.1	447.0
27.5°	417.5	422.0	425.5	423.8	426.4	429.1	427.3	430.9	434.5	433.6	434.5
30°	403.2	407.7	411.2	409.5	412.1	414.8	412.1	416.6	420.2	420.2	421.1
32.5°	388.9	392.5	395.1	394.3	396.0	399.6	397.8	402.3	405.9	405.9	407.7
35°	372.8	376.4	379.1	378.2	380.8	383.5	381.7	386.2	390.7	391.6	393.4
37.5°	356.7	360.3	363.0	362.1	363.9	367.4	365.6	371.0	374.6	376.4	379.1
40°	339.7	343.3	346.0	345.1	347.8	350.4	349.6	354.0	358.5	361.2	364.8
42.5°	321.8	325.4	328.1	328.1	330.8	334.4	332.6	337.9	342.4	346.0	350.4
45°	304.9	307.5	310.2	310.2	313.8	316.5	315.6	320.9	326.3	330.8	336.1
47.5°	286.1	289.7	291.4	292.3	295.9	298.6	298.6	304.0	310.2	316.5	321.8
50°	268.2	270.9	273.6	273.6	278.0	280.7	280.7	287.0	295.0	302.2	308.4
52.5°	249.4	252.1	254.8	255.7	259.3	262.8	262.8	270.0	278.9	287.0	294.1
55°	230.7	233.3	235.1	236.9	241.4	244.1	245.9	253.9	263.7	271.8	280.7
57.5°	211.9	213.7	216.3	218.1	223.5	227.1	229.8	238.7	248.5	258.4	267.3
60°	192.2	194.9	196.7	199.4	204.7	210.1	212.8	222.6	233.3	244.1	253.9
62.5°	170.8	173.4	176.1	179.7	187.7	192.2	196.7	207.4	218.1	229.8	240.5
65°	152.0	153.8	156.5	160.0	169.0	174.3	179.7	191.3	203.8	216.3	228.0
67.5°	133.2	135.0	138.6	143.0	152.9	158.2	163.6	176.1	190.4	203.8	215.5
70°	114.4	115.3	119.8	126.1	136.8	142.1	148.4	160.9	175.2	190.4	202.9
72.5°	95.7	97.4	101.9	109.1	121.6	127.8	134.1	148.4	162.7	177.0	191.3
75°	77.8	78.7	84.9	93.9	107.3	114.4	121.6	135.9	151.1	166.3	179.7
77.5°	60.8	61.7	69.7	79.6	93.9	101.9	109.1	123.4	139.5	154.7	169.0
80°	44.7	46.5	54.5	67.1	81.4	89.4	98.3	113.5	128.7	144.8	158.2
82.5°	30.4	33.1	42.0	55.4	70.6	79.6	87.6	102.8	118.9	135.0	148.4
85°	18.8	21.5	32.2	45.6	61.7	69.7	77.8	93.9	110.0	125.2	140.4
87.5°	8.0	13.4	24.1	37.5	53.6	61.7	70.6	85.8	101.0	117.1	131.4
90°	0.9	8.0	18.8	32.2	47.4	55.4	63.5	78.7	93.9	109.1	123.4
92.5°	0.9	5.4	15.2	27.7	42.0	50.1	57.2	72.4	86.7	101.9	115.3
95°	2.7	5.4	13.4	25.0	38.4	45.6	52.7	67.1	81.4	95.7	109.1
97.5°	3.6	6.3	13.4	23.2	34.9	42.0	49.2	62.6	76.0	89.4	102.8
100°	5.4	7.2	13.4	22.4	33.1	39.3	45.6	58.1	71.5	84.9	97.4
102.5°	7.2	8.9	14.3	22.4	32.2	37.5	43.8	55.4	67.1	79.6	92.1
105°	9.8	10.7	15.2	22.4	31.3	36.7	42.0	52.7	63.5	76.0	86.7
107.5°	11.6	12.5	16.1	23.2	31.3	35.8	41.1	50.1	60.8	71.5	83.1
110°	13.4	13.4	17.9	24.1	31.3	34.9	40.2	49.2	59.0	68.8	78.7



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	16.1	16.1	18.8	25.0	31.3	34.9	39.3	47.4	56.3	66.2	75.1
115°	18.8	17.9	20.6	25.9	32.2	34.9	39.3	46.5	54.5	63.5	72.4
117.5°	20.6	19.7	22.4	26.8	32.2	35.8	39.3	46.5	53.6	61.7	69.7
120°	23.2	21.5	23.2	27.7	33.1	35.8	39.3	45.6	52.7	59.9	67.1
122.5°	25.0	24.1	25.0	29.5	34.0	35.8	39.3	44.7	51.9	58.1	65.3
125°	27.7	25.9	26.8	30.4	34.9	36.7	40.2	44.7	51.0	57.2	63.5
127.5°	30.4	27.7	27.7	31.3	34.9	37.5	40.2	44.7	50.1	55.4	61.7
130°	32.2	30.4	29.5	33.1	35.8	37.5	40.2	44.7	49.2	54.5	59.9
132.5°	34.9	32.2	31.3	34.0	36.7	38.4	41.1	44.7	49.2	53.6	59.0
135°	36.7	34.0	33.1	34.9	37.5	39.3	41.1	44.7	49.2	52.7	57.2
137.5°	37.5	35.8	34.9	35.8	38.4	40.2	42.0	44.7	48.3	51.9	56.3
140°	39.3	37.5	36.7	37.5	39.3	40.2	42.0	44.7	48.3	51.0	55.4
142.5°	39.3	39.3	37.5	38.4	39.3	41.1	42.9	44.7	47.4	51.0	53.6
145°	40.2	40.2	39.3	40.2	40.2	41.1	42.9	44.7	47.4	50.1	52.7
147.5°	41.1	41.1	41.1	41.1	41.1	42.0	42.9	44.7	47.4	49.2	51.9
150°	41.1	41.1	42.0	42.0	42.9	42.9	43.8	44.7	47.4	49.2	51.0
152.5°	41.1	40.2	42.0	42.9	43.8	43.8	43.8	44.7	46.5	48.3	50.1
155°	40.2	39.3	41.1	42.0	42.9	43.8	44.7	44.7	46.5	47.4	49.2
157.5°	39.3	38.4	40.2	41.1	42.0	42.9	43.8	43.8	44.7	46.5	48.3
160°	38.4	37.5	38.4	40.2	41.1	42.0	42.9	42.9	43.8	44.7	46.5
162.5°	36.7	35.8	36.7	38.4	39.3	40.2	41.1	42.0	42.9	43.8	44.7
165°	34.0	34.0	34.0	35.8	37.5	38.4	39.3	40.2	41.1	42.0	42.9
167.5°	32.2	31.3	32.2	33.1	34.9	35.8	36.7	37.5	38.4	39.3	40.2
170°	32.2	31.3	31.3	32.2	33.1	33.1	34.0	34.9	35.8	36.7	37.5
172.5°	33.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	33.1	33.1
175°	33.1	33.1	32.2	32.2	31.3	31.3	31.3	31.3	30.4	29.5	29.5
177.5°	33.1	33.1	33.1	32.2	32.2	31.3	31.3	31.3	30.4	29.5	27.7
180°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	508.7	508.7	505.1	508.7	509.6	507.8	506.9	508.7	506.0	504.2
5°	506.9	506.9	504.2	507.8	508.7	506.9	506.9	508.7	506.0	505.1
7.5°	503.3	504.2	502.4	506.0	506.9	505.1	505.1	506.9	505.1	503.3
10°	499.7	499.7	498.9	501.5	501.5	500.6	499.7	501.5	500.6	498.0
12.5°	494.4	495.3	493.5	497.1	498.0	496.2	496.2	498.0	496.2	494.4
15°	488.1	488.1	488.1	490.8	491.7	490.8	490.8	492.6	490.8	489.0
17.5°	480.1	481.0	481.0	484.5	485.4	483.7	483.7	486.3	485.4	482.8
20°	470.2	471.1	472.0	474.7	475.6	474.7	474.7	476.5	476.5	473.8
22.5°	460.4	460.4	462.2	464.9	465.8	464.9	464.9	467.6	467.6	464.0
25°	448.8	448.8	451.5	455.0	455.0	454.2	455.0	456.8	457.7	455.0
27.5°	437.2	438.1	440.7	444.3	444.3	444.3	444.3	447.0	447.0	445.2
30°	423.8	425.5	428.2	431.8	432.7	432.7	433.6	435.4	437.2	434.5
32.5°	410.3	412.1	415.7	420.2	421.1	422.0	422.9	426.4	428.2	425.5
35°	396.9	398.7	404.1	409.5	410.3	411.2	413.0	416.6	418.4	415.7
37.5°	383.5	386.2	393.4	397.8	399.6	400.5	403.2	405.9	409.5	405.9
40°	371.0	373.7	381.7	387.1	388.0	389.8	392.5	396.0	398.7	396.0
42.5°	357.6	361.2	369.2	375.5	377.3	379.1	381.7	385.3	388.9	387.1
45°	344.2	348.7	357.6	363.9	365.6	368.3	371.9	375.5	379.1	376.4
47.5°	330.8	336.1	346.0	352.2	354.0	357.6	361.2	364.8	368.3	366.5
50°	317.4	322.7	333.5	340.6	343.3	346.9	349.6	354.0	357.6	355.8
52.5°	304.9	310.2	321.8	329.0	331.7	335.3	338.8	343.3	346.9	345.1
55°	290.6	296.8	309.3	316.5	319.2	323.6	328.1	331.7	336.1	334.4
57.5°	278.0	285.2	297.7	305.7	308.4	312.9	317.4	321.8	326.3	323.6
60°	265.5	272.7	286.1	294.1	296.8	302.2	306.6	310.2	315.6	313.8
62.5°	253.0	261.0	273.6	282.5	286.1	290.6	295.0	299.5	304.0	303.1
65°	239.6	248.5	261.9	270.9	274.5	279.8	284.3	288.8	293.2	292.3
67.5°	228.9	237.8	251.2	260.2	263.7	269.1	274.5	278.9	283.4	282.5
70°	216.3	226.2	239.6	248.5	252.1	257.5	262.8	267.3	271.8	271.8
72.5°	205.6	215.5	228.9	237.8	242.3	247.6	253.0	257.5	261.9	261.0
75°	194.9	204.7	218.1	227.1	231.5	237.8	243.2	247.6	252.1	251.2
77.5°	183.3	194.0	207.4	216.3	220.8	227.1	232.4	236.9	241.4	240.5
80°	172.5	184.2	197.6	206.5	211.0	216.3	222.6	227.1	231.5	230.7
82.5°	162.7	174.3	188.6	197.6	202.0	207.4	213.7	218.1	221.7	221.7
85°	153.8	164.5	177.9	187.7	192.2	197.6	203.8	208.3	212.8	211.9
87.5°	144.8	155.6	168.1	177.9	182.4	187.7	194.9	199.4	202.9	202.9
90°	136.8	147.5	160.0	169.0	173.4	178.8	185.1	190.4	194.0	194.0
92.5°	129.6	139.5	152.0	160.0	164.5	169.9	177.0	180.6	184.2	184.2
95°	122.5	132.3	143.9	152.0	156.5	161.8	168.1	172.5	175.2	176.1
97.5°	115.3	125.2	136.8	143.9	148.4	153.8	160.0	163.6	166.3	167.2
100°	109.1	118.9	129.6	136.8	141.3	146.6	152.0	155.6	158.2	159.1
102.5°	103.7	112.6	123.4	130.5	134.1	138.6	144.8	148.4	151.1	151.1
105°	98.3	107.3	117.1	124.3	127.8	132.3	137.7	141.3	143.9	143.9
107.5°	93.0	101.9	110.9	118.0	121.6	125.2	130.5	134.1	136.8	136.8
110°	88.5	96.6	105.5	111.8	115.3	118.9	124.3	127.8	129.6	130.5





TEST NUMBER: P892575  
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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	84.9	92.1	100.1	106.4	110.0	113.5	118.0	121.6	123.4	124.3
115°	81.4	87.6	95.7	101.0	104.6	108.2	112.6	115.3	117.1	118.0
117.5°	77.8	84.0	91.2	96.6	99.2	102.8	107.3	110.0	111.8	112.6
120°	75.1	80.5	87.6	92.1	94.8	98.3	101.9	104.6	106.4	106.4
122.5°	71.5	77.8	83.1	87.6	90.3	93.0	97.4	99.2	101.0	101.0
125°	69.7	74.2	80.5	84.0	86.7	89.4	93.0	94.8	96.6	96.6
127.5°	67.1	71.5	76.9	80.5	82.2	84.9	88.5	90.3	91.2	92.1
130°	65.3	69.7	74.2	77.8	79.6	81.4	84.9	85.8	87.6	87.6
132.5°	63.5	67.1	71.5	74.2	76.0	77.8	80.5	82.2	83.1	84.0
135°	61.7	65.3	68.8	71.5	73.3	75.1	77.8	78.7	79.6	80.5
137.5°	59.9	63.5	66.2	68.8	69.7	71.5	74.2	75.1	76.0	76.0
140°	58.1	61.7	64.4	66.2	67.9	68.8	71.5	72.4	72.4	73.3
142.5°	57.2	59.9	61.7	63.5	65.3	66.2	67.9	68.8	69.7	69.7
145°	55.4	58.1	59.9	61.7	62.6	63.5	65.3	66.2	67.1	67.1
147.5°	54.5	56.3	58.1	59.9	60.8	61.7	63.5	63.5	64.4	64.4
150°	52.7	55.4	56.3	58.1	59.0	59.0	60.8	61.7	61.7	61.7
152.5°	51.9	53.6	54.5	55.4	56.3	57.2	58.1	59.0	59.0	59.0
155°	51.0	52.7	53.6	54.5	54.5	55.4	56.3	56.3	56.3	57.2
157.5°	50.1	51.0	51.9	52.7	52.7	53.6	54.5	54.5	54.5	54.5
160°	48.3	49.2	50.1	51.0	51.9	51.9	52.7	52.7	52.7	52.7
162.5°	45.6	47.4	48.3	49.2	50.1	50.1	51.0	51.0	51.0	51.0
165°	43.8	44.7	45.6	47.4	48.3	48.3	49.2	49.2	49.2	49.2
167.5°	42.0	42.0	42.9	43.8	45.6	46.5	47.4	48.3	48.3	48.3
170°	38.4	38.4	39.3	39.3	41.1	42.0	43.8	45.6	46.5	46.5
172.5°	34.0	34.0	34.9	34.0	34.9	34.9	35.8	37.5	39.3	40.2
175°	29.5	29.5	27.7	26.8	26.8	25.9	25.9	25.0	23.2	25.0
177.5°	25.9	25.0	23.2	21.5	21.5	20.6	20.6	18.8	17.0	17.0
180°	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9



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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	13.79	15.10	14.44	15.77	16.54	17.18	18.49	17.82	19.16	19.93
	3H	15.12	16.31	15.77	16.99	17.79	19.99	21.19	20.65	21.87	22.67
	4H	15.51	16.65	16.19	17.34	18.15	21.41	22.55	22.09	23.24	24.05
	6H	15.72	16.78	16.41	17.48	18.31	22.90	23.96	23.59	24.66	25.49
	8H	15.76	16.77	16.45	17.49	18.33	23.65	24.67	24.35	25.39	26.22
	12H	15.76	16.73	16.47	17.45	18.31	24.44	25.42	25.15	26.13	27.00
4H	2H	14.92	16.06	15.59	16.74	17.56	17.52	18.65	18.19	19.34	20.16
	3H	16.53	17.50	17.21	18.22	19.06	20.57	21.55	21.26	22.27	23.10
	4H	17.08	17.98	17.79	18.71	19.57	22.17	23.06	22.87	23.79	24.65
	6H	17.43	18.22	18.15	18.97	19.84	23.86	24.66	24.59	25.41	26.28
	8H	17.50	18.25	18.23	19.00	19.88	24.74	25.49	25.47	26.24	27.12
	12H	17.53	18.21	18.28	18.98	19.87	25.67	26.36	26.42	27.13	28.02
8H	4H	18.13	18.88	18.86	19.63	20.51	22.34	23.09	23.07	23.84	24.73
	6H	18.74	19.38	19.50	20.17	21.05	24.23	24.87	24.98	25.66	26.54
	8H	18.94	19.52	19.71	20.31	21.21	25.26	25.83	26.02	26.62	27.52
	12H	19.06	19.57	19.83	20.35	21.31	26.39	26.91	27.16	27.69	28.64
12H	4H	18.46	19.14	19.21	19.91	20.81	22.34	23.02	23.09	23.79	24.69
	6H	19.24	19.81	20.00	20.60	21.50	24.26	24.84	25.03	25.63	26.53
	8H	19.57	20.08	20.34	20.86	21.82	25.36	25.87	26.13	26.65	27.61