

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: P893295

Luminaire Tested: 4MB-2SL-FLTU-UNV-L940

Issue Date: 11/11/2024

**Test Information**

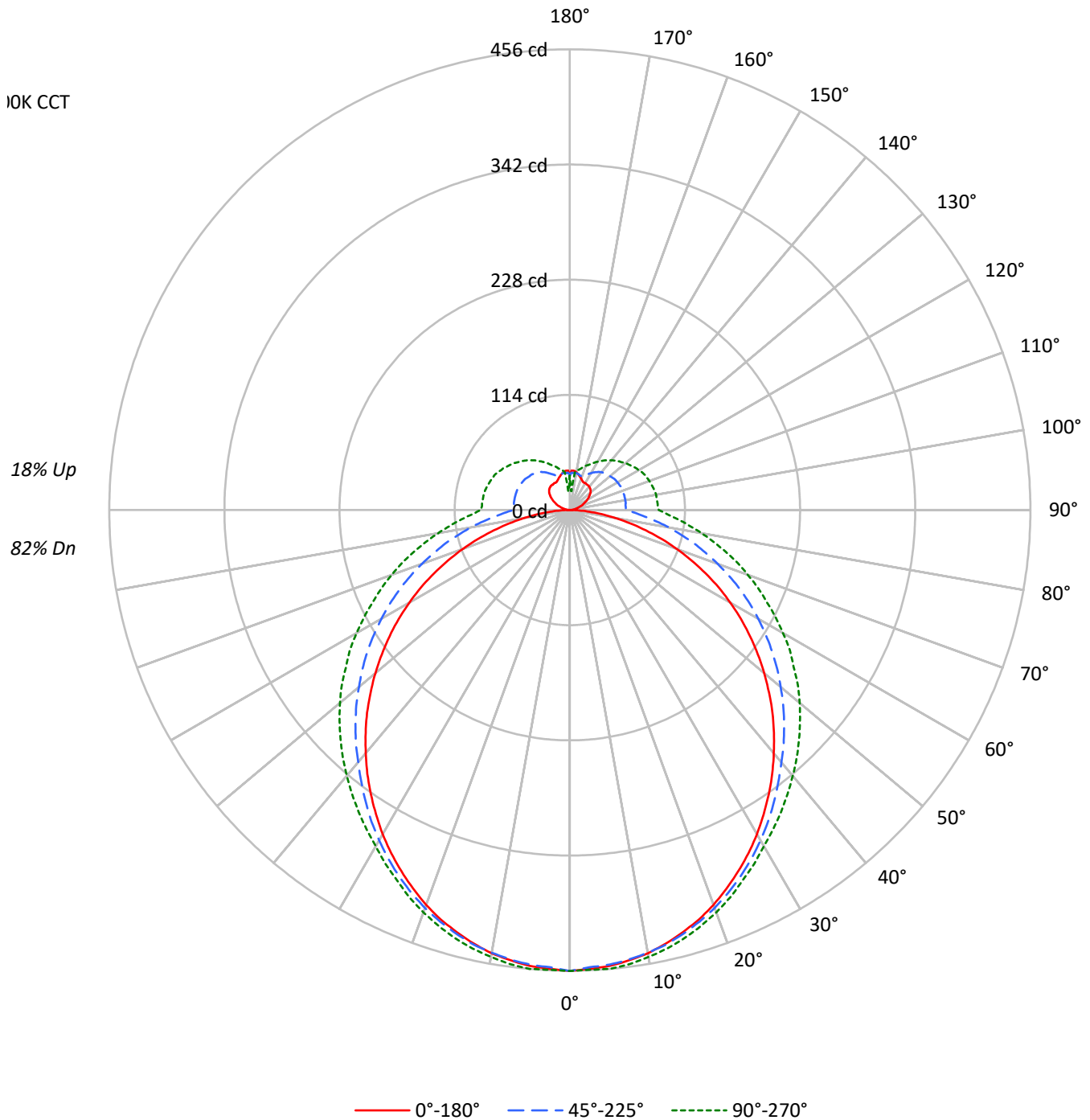
Test Method: LM-79-2019  
Report Number: P893295  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-2SL-FLTU-UNV-L940  
Description: 2000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 400  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1725.0 lumens  
Efficiency: N/A  
Efficacy: 125.0 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.26 / 1.37  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')  
CIE Type: Semi-Direct  
  
Input Watts (W): 13.8  
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

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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
RCR																				
0	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	82	
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	66	
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	54	
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	45	
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	44	41	41	38	
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	32	
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	28	
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	25	
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	22	
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	20	
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	18	

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	3247	3247	3247
5°	3221	3111	3107
10°	3189	2991	2959
15°	3142	2872	2818
20°	3090	2749	2675
25°	3024	2621	2530
30°	2955	2491	2398
35°	2877	2360	2289
40°	2795	2232	2185
45°	2714	2119	2086
50°	2618	2003	1989
55°	2515	1889	1882
60°	2393	1766	1780
65°	2245	1638	1664
70°	2053	1496	1557
75°	1791	1352	1441
80°	1447	1198	1322
85°	1001	1041	1213

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2714 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.1	2.5
10°-20°	123.1	7.1
20°-30°	184.9	10.7
30°-40°	222.0	12.9
40°-50°	233.5	13.5
50°-60°	219.4	12.7
60°-70°	182.4	10.6
70°-80°	130.2	7.5
80°-90°	77.5	4.5
90°-100°	56.1	3.3
100°-110°	55.3	3.2
110°-120°	52.0	3.0
120°-130°	46.1	2.7
130°-140°	38.2	2.2
140°-150°	28.6	1.7
150°-160°	18.8	1.1
160°-170°	10.7	0.6
170°-180°	3.4	0.2
0°-30°	351.1	20.4
0°-40°	573.1	33.2
0°-60°	1025.9	59.5
0°-90°	1416.0	82.1
90°-120°	163.4	9.5
90°-150°	276.2	16.0
90°-180°	309.0	17.9
0°-180°	1725.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	456	456	456	456	456	
5°	453	458	452	453	456	43
15°	432	439	434	437	439	122
25°	395	402	400	404	405	182
35°	343	351	352	361	365	215
45°	284	292	300	315	321	219
55°	218	227	245	265	270	195
65°	148	160	186	209	215	147
75°	78	95	127	152	160	83
85°	20	43	75	100	108	21
90°	0	25	55	80	88	1
95°	2	26	55	79	87	2
105°	8	29	56	78	85	8
115°	15	31	55	75	82	15
125°	23	33	54	70	75	21
135°	29	35	51	64	68	22
145°	30	34	46	57	60	19
155°	31	35	39	48	51	14
165°	35	38	36	37	42	10
175°	39	39	37	31	19	4
180°	34	34	34	34	34	



TEST NUMBER: P893295  
 CATALOG NUMBER: 4MB-2SL-FLTU-UNV-L940

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3
2.5°	454.6	455.9	456.3	460.5	458.8	460.5	457.5	454.2	453.4	455.5	453.0
5°	453.0	454.2	454.6	458.8	457.1	458.4	455.9	452.5	451.7	454.2	451.7
7.5°	449.6	450.9	451.3	455.9	453.8	455.5	452.5	449.2	448.8	451.3	448.8
10°	445.5	446.7	447.1	451.3	449.6	451.3	448.4	445.0	444.6	447.5	445.0
12.5°	439.6	440.9	441.7	445.9	443.8	445.9	442.5	439.2	439.6	442.1	440.5
15°	432.5	434.2	434.6	438.8	437.1	439.2	435.9	432.5	433.4	435.9	434.2
17.5°	425.0	426.7	427.1	430.9	429.2	431.7	428.0	425.0	425.9	428.4	427.1
20°	415.9	417.5	418.4	422.1	420.5	423.0	419.2	416.7	417.5	420.5	419.2
22.5°	405.5	408.0	408.4	412.5	410.5	413.0	409.2	407.1	408.4	411.3	410.0
25°	394.6	397.1	397.5	401.7	400.0	402.1	398.4	396.3	398.0	400.9	400.0
27.5°	383.0	385.5	386.3	390.0	388.4	390.9	386.7	385.5	387.1	390.0	389.2
30°	370.5	373.0	373.4	377.1	375.9	378.4	374.6	373.0	375.5	378.4	377.5
32.5°	357.1	359.6	360.9	364.2	362.9	365.0	361.7	360.9	362.9	365.9	365.5
35°	343.4	345.9	347.1	350.9	349.2	351.3	347.9	347.1	350.4	352.5	352.5
37.5°	329.2	331.7	332.9	336.7	334.6	337.1	333.8	333.4	337.1	339.2	339.2
40°	314.2	317.1	318.4	321.7	320.0	322.1	319.2	319.6	322.9	325.4	325.9
42.5°	299.2	302.1	303.4	307.1	305.0	307.1	304.6	305.0	308.8	311.3	313.4
45°	283.8	286.3	287.5	291.7	289.2	291.7	289.2	290.0	293.8	297.5	300.0
47.5°	267.5	270.0	272.1	275.4	273.4	275.4	273.8	275.0	279.6	283.4	286.7
50°	251.3	253.8	255.9	258.8	256.7	259.6	257.5	259.2	265.0	268.8	272.5
52.5°	234.6	236.7	240.0	241.7	240.0	243.4	241.7	244.2	250.0	254.6	258.8
55°	217.9	220.0	223.4	224.6	222.9	226.7	225.4	228.8	235.0	240.0	244.6
57.5°	200.9	202.9	205.9	207.1	205.9	210.0	209.6	213.4	219.6	225.0	230.0
60°	183.4	185.4	187.9	189.2	189.2	193.4	193.4	197.9	204.6	209.6	215.4
62.5°	166.3	167.5	170.0	171.7	172.9	177.1	177.1	182.1	189.2	195.0	200.9
65°	148.3	149.6	151.7	153.8	155.8	160.4	160.8	166.3	173.3	179.2	185.9
67.5°	130.4	131.7	133.8	136.3	139.2	143.8	144.6	150.4	157.9	164.6	170.8
70°	112.9	113.3	115.8	119.2	122.5	127.1	128.3	134.6	142.5	149.2	155.8
72.5°	95.4	95.8	98.3	102.5	106.3	111.3	112.9	119.6	127.5	134.2	140.8
75°	77.9	78.3	81.7	86.7	90.8	95.4	97.5	104.6	112.5	119.6	127.1
77.5°	61.3	62.1	65.4	70.4	75.4	80.8	82.9	90.0	98.8	105.4	112.5
80°	45.8	46.7	50.4	55.8	61.3	66.3	68.8	75.8	85.0	91.7	99.6
82.5°	31.7	32.9	37.5	43.3	48.8	54.2	56.7	63.3	71.7	79.2	86.7
85°	19.6	21.3	25.8	32.1	37.9	42.9	45.4	52.5	60.4	67.5	74.6
87.5°	9.2	11.7	16.3	22.5	28.8	32.9	35.8	42.9	50.4	57.5	64.6
90°	0.0	3.8	8.3	14.6	20.8	24.6	27.9	34.6	42.1	48.8	55.4
92.5°	0.8	4.2	9.2	15.0	21.3	25.0	28.3	35.0	42.1	48.8	55.4
95°	2.1	4.6	9.6	15.8	22.1	25.8	28.8	35.4	42.5	49.2	55.4
97.5°	3.8	5.8	10.8	16.7	22.9	26.3	29.6	36.3	42.9	49.6	55.8
100°	5.0	6.7	11.7	17.5	23.8	27.1	30.4	36.7	43.3	50.0	55.8
102.5°	6.3	8.3	12.9	18.3	24.6	27.9	30.8	37.1	43.8	50.0	55.8
105°	7.9	9.6	13.8	19.6	25.4	28.8	31.7	37.9	44.2	50.4	55.8
107.5°	9.6	10.8	15.0	20.4	26.3	29.2	32.1	38.3	44.6	50.4	55.8
110°	11.7	12.5	16.3	21.3	26.7	30.0	32.9	38.8	44.6	50.4	55.8



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	13.8	13.8	17.5	22.1	27.5	30.4	33.3	39.2	45.0	50.4	55.8
115°	15.4	15.8	18.8	22.9	28.3	31.3	33.8	39.2	45.0	50.4	55.4
117.5°	17.5	17.5	20.4	23.8	28.8	31.7	34.6	39.6	45.0	50.0	55.0
120°	19.6	19.2	21.7	25.0	29.6	32.1	35.0	40.0	45.0	50.0	54.6
122.5°	21.7	20.8	22.5	25.8	30.0	32.9	35.0	40.0	45.0	49.6	54.2
125°	23.3	22.5	23.8	27.1	30.8	33.3	35.4	40.0	45.0	49.2	53.8
127.5°	25.0	24.2	25.4	27.9	31.3	33.3	35.8	40.0	45.0	48.8	52.9
130°	26.7	25.4	27.1	28.8	32.1	33.8	35.8	40.0	44.6	48.3	52.1
132.5°	27.9	26.7	28.3	29.6	32.5	34.2	36.3	40.0	44.2	47.9	51.7
135°	28.8	27.5	29.6	30.4	33.3	35.0	36.7	40.0	43.8	47.5	50.8
137.5°	29.6	27.9	30.4	31.3	33.8	35.4	36.7	39.6	43.3	46.7	50.0
140°	30.0	28.8	31.3	32.1	33.3	35.0	36.7	39.2	42.5	45.8	48.8
142.5°	30.4	28.8	31.7	32.5	33.3	34.6	36.3	38.3	41.7	44.6	47.5
145°	30.4	29.2	31.7	32.5	33.3	34.2	35.4	37.9	40.4	42.9	45.8
147.5°	30.4	29.6	32.1	32.9	33.8	33.8	34.6	37.1	39.2	41.7	44.2
150°	30.8	29.6	32.1	32.9	34.2	34.2	34.6	35.8	38.3	40.0	42.1
152.5°	30.4	30.0	31.7	33.3	34.2	34.6	34.6	35.0	37.1	38.8	40.4
155°	30.8	30.8	32.1	34.2	34.6	34.6	35.0	34.6	35.4	37.1	38.8
157.5°	31.7	32.5	32.5	34.6	35.4	35.4	35.8	35.4	35.0	35.4	37.1
160°	32.9	33.8	33.8	35.0	36.3	36.3	36.7	36.3	35.8	35.4	35.4
162.5°	34.2	35.0	35.0	35.4	36.7	37.1	37.5	37.1	36.7	35.8	35.4
165°	35.4	36.3	36.3	36.3	37.1	37.5	37.9	37.5	37.5	36.7	36.3
167.5°	36.7	37.5	37.5	37.1	37.5	37.9	38.3	37.9	37.9	37.5	36.7
170°	37.9	38.8	38.8	37.9	38.3	38.3	38.8	38.3	38.3	37.5	37.1
172.5°	38.8	39.6	39.2	38.8	38.8	38.8	38.8	38.3	37.9	37.1	37.1
175°	39.2	40.0	40.0	39.2	38.8	38.8	39.2	38.3	37.9	37.5	36.7
177.5°	39.2	40.0	40.0	39.2	39.2	38.8	39.2	38.8	38.8	37.9	37.1
180°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3	456.3
2.5°	454.6	454.2	451.7	454.6	454.6	453.8	457.1	456.7	456.3	455.5
5°	453.0	452.5	450.0	453.0	453.0	452.5	455.9	456.3	456.7	455.9
7.5°	450.5	450.0	447.5	450.5	450.5	450.0	453.8	454.2	454.6	453.4
10°	446.7	446.3	443.8	446.7	447.1	446.7	449.6	450.0	450.9	449.2
12.5°	441.7	441.7	439.2	442.1	442.5	442.1	445.0	445.9	446.7	444.6
15°	435.5	435.9	433.8	436.7	437.1	437.1	440.0	440.5	441.7	438.8
17.5°	428.0	428.8	427.1	430.0	430.5	430.9	432.5	433.8	435.0	431.7
20°	420.0	420.5	419.2	421.7	422.5	422.1	424.2	425.9	427.1	423.8
22.5°	410.5	410.9	409.6	412.1	413.0	413.4	415.0	417.1	418.0	415.0
25°	399.6	401.3	400.5	403.0	403.8	403.8	405.5	407.5	408.8	404.6
27.5°	389.2	391.3	390.5	393.0	393.8	394.2	395.0	397.5	398.8	395.0
30°	377.5	380.0	379.6	382.1	383.0	382.5	384.2	386.7	388.4	384.2
32.5°	364.6	368.0	367.5	370.9	371.7	372.1	373.4	376.7	378.4	374.6
35°	352.1	355.9	356.3	360.0	361.3	361.7	363.4	366.7	368.4	364.6
37.5°	339.2	344.2	345.4	349.2	350.4	350.9	352.5	356.3	357.9	354.2
40°	326.7	332.5	334.2	337.5	338.8	340.0	341.3	345.0	347.1	343.4
42.5°	314.2	320.4	322.5	325.9	327.1	328.4	330.0	334.2	335.9	332.5
45°	301.3	307.9	310.4	313.8	315.4	316.7	318.4	322.1	324.2	320.9
47.5°	288.4	295.0	297.5	301.3	302.9	304.6	305.9	310.4	312.5	309.2
50°	274.6	282.1	285.0	288.4	290.9	292.1	293.8	297.9	300.0	297.1
52.5°	260.9	268.8	272.1	275.4	277.9	280.0	280.9	285.4	287.5	284.6
55°	246.7	254.6	258.4	262.1	264.6	267.1	267.9	272.5	274.6	270.4
57.5°	232.5	240.9	244.6	248.8	250.9	253.8	255.0	259.2	261.3	258.4
60°	218.4	226.3	230.9	234.6	237.5	240.0	240.9	245.4	247.5	243.8
62.5°	203.8	212.1	216.7	220.9	223.4	226.3	227.5	231.7	233.4	229.6
65°	188.8	197.1	202.1	205.9	209.2	211.7	212.5	217.1	218.8	215.0
67.5°	173.8	182.1	187.5	191.7	194.6	197.5	198.4	202.9	204.6	201.7
70°	159.2	167.5	172.9	177.9	180.0	182.9	184.2	188.4	190.0	187.5
72.5°	144.6	152.9	158.8	163.8	165.8	168.8	170.4	173.8	176.3	174.2
75°	130.4	138.8	144.6	149.6	151.7	154.6	156.3	159.6	161.3	159.6
77.5°	116.7	125.0	130.4	135.4	137.9	140.4	142.1	145.4	147.5	145.8
80°	103.3	111.7	117.1	121.7	124.2	126.7	128.3	132.1	133.8	132.5
82.5°	90.8	98.8	104.6	109.2	111.7	114.2	115.8	119.2	121.3	119.6
85°	79.6	87.5	92.9	97.5	99.6	102.1	103.8	107.1	108.8	107.9
87.5°	68.8	75.8	82.1	86.7	88.8	91.3	93.3	95.8	97.9	96.7
90°	60.4	66.7	72.5	77.1	79.6	82.1	84.6	87.1	88.8	87.9
92.5°	60.8	66.7	72.1	76.3	78.8	81.3	83.8	86.7	87.9	87.1
95°	60.8	66.7	72.1	76.3	78.8	81.3	83.8	86.7	87.9	87.1
97.5°	60.8	66.7	72.1	76.3	78.8	81.3	83.8	86.7	87.9	86.7
100°	60.8	66.7	72.1	76.3	78.8	80.8	83.3	86.3	87.5	86.7
102.5°	60.8	66.7	71.7	75.8	78.3	80.4	82.9	85.8	87.1	86.3
105°	60.8	66.3	71.7	75.4	77.9	80.0	82.5	85.0	86.3	85.4
107.5°	60.4	65.8	70.8	75.0	77.1	79.2	81.7	84.2	85.4	84.6
110°	60.4	65.4	70.4	74.2	76.3	78.3	80.8	83.3	84.6	83.8





TEST NUMBER: P893295

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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	60.0	65.0	70.0	73.3	75.4	77.5	79.6	82.5	83.8	82.9
115°	59.6	64.6	69.2	72.5	74.6	76.3	78.8	81.7	82.5	82.1
117.5°	59.2	63.8	68.3	71.7	73.8	75.4	77.5	80.0	81.3	80.8
120°	58.8	62.9	67.5	70.4	72.5	74.2	75.8	78.3	79.6	78.8
122.5°	57.9	62.1	66.7	69.6	71.3	72.9	74.6	76.7	77.9	77.5
125°	57.1	61.3	65.4	68.3	70.0	71.3	72.9	75.0	75.8	75.4
127.5°	56.3	60.4	64.2	66.7	68.8	70.0	71.3	73.3	74.2	73.8
130°	55.4	59.2	62.9	65.4	67.1	68.3	69.6	71.7	72.1	72.1
132.5°	54.6	57.9	61.7	64.2	65.8	66.7	67.9	69.6	70.4	70.0
135°	53.8	56.7	60.4	62.5	63.8	65.0	66.3	67.9	68.3	68.3
137.5°	52.5	55.4	58.8	60.8	62.1	62.9	64.2	65.8	66.3	66.3
140°	51.3	54.2	57.1	58.8	60.4	61.3	62.1	63.8	64.2	64.2
142.5°	50.0	52.5	55.4	57.1	58.8	59.2	60.4	61.7	62.1	62.1
145°	48.3	51.3	53.8	55.4	56.7	57.1	58.3	59.6	59.6	60.0
147.5°	46.3	48.8	52.1	53.3	54.6	55.0	56.3	57.1	57.5	57.5
150°	44.2	46.7	49.6	51.7	52.9	53.3	53.8	55.0	55.0	55.4
152.5°	42.1	44.2	47.1	49.2	50.8	51.3	51.7	52.5	52.5	52.9
155°	40.0	41.7	44.2	46.3	47.9	48.8	49.6	50.4	50.4	50.8
157.5°	38.3	40.0	42.1	43.8	45.0	46.3	47.5	48.3	48.3	48.3
160°	36.3	37.5	39.6	40.8	42.5	43.3	45.4	46.3	46.3	46.7
162.5°	35.0	35.4	36.7	37.9	39.2	40.0	42.1	44.2	44.2	44.6
165°	35.4	35.0	35.4	35.8	36.7	37.1	38.3	41.3	42.1	42.5
167.5°	36.3	35.0	35.0	35.0	35.8	35.8	37.1	38.8	41.7	40.8
170°	36.3	35.0	34.2	34.2	34.6	34.2	35.0	36.3	37.9	39.6
172.5°	36.7	35.4	34.2	32.5	32.9	32.5	31.7	31.7	32.1	37.5
175°	36.3	35.4	33.8	31.7	31.3	30.0	27.5	25.4	24.2	18.8
177.5°	35.8	34.6	33.3	31.7	30.8	29.6	26.7	23.3	20.0	19.2
180°	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2



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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	11.77	13.09	12.39	13.73	14.45	14.33	15.65	14.94	16.28	17.00
	3H	13.18	14.38	13.81	15.02	15.78	16.75	17.95	17.38	18.60	19.35
	4H	13.61	14.75	14.26	15.40	16.17	17.89	19.03	18.54	19.69	20.46
	6H	13.85	14.90	14.51	15.57	16.35	19.03	20.09	19.69	20.75	21.54
	8H	13.89	14.90	14.56	15.59	16.38	19.59	20.60	20.26	21.29	22.08
	12H	13.90	14.87	14.58	15.55	16.37	20.17	21.14	20.85	21.82	22.64
4H	2H	12.66	13.80	13.31	14.46	15.23	14.67	15.81	15.32	16.47	17.24
	3H	14.29	15.26	14.95	15.95	16.74	17.31	18.27	17.97	18.97	19.75
	4H	14.84	15.73	15.52	16.43	17.24	18.60	19.48	19.28	20.18	21.00
	6H	15.18	15.96	15.88	16.68	17.51	19.91	20.69	20.61	21.41	22.23
	8H	15.26	15.99	15.96	16.71	17.55	20.57	21.30	21.27	22.02	22.86
	12H	15.29	15.95	16.01	16.70	17.54	21.27	21.93	21.99	22.67	23.52
8H	4H	15.49	16.22	16.20	16.94	17.78	18.75	19.48	19.45	20.20	21.04
	6H	16.00	16.61	16.73	17.37	18.22	20.20	20.82	20.94	21.58	22.42
	8H	16.15	16.71	16.90	17.47	18.33	20.98	21.54	21.73	22.30	23.16
	12H	16.24	16.74	16.99	17.49	18.41	21.85	22.34	22.59	23.09	24.01
12H	4H	15.66	16.32	16.38	17.06	17.91	18.74	19.40	19.46	20.15	20.99
	6H	16.25	16.81	17.00	17.57	18.43	20.22	20.78	20.97	21.54	22.40
	8H	16.49	16.98	17.24	17.74	18.65	21.05	21.55	21.80	22.30	23.22