

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: P893119

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC83-HI-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893119
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-SC3-RNDU-UNV-CC83-HI-3500K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 35
CCT, HI lumen setting
Light Source: -
Ballast/Driver: -

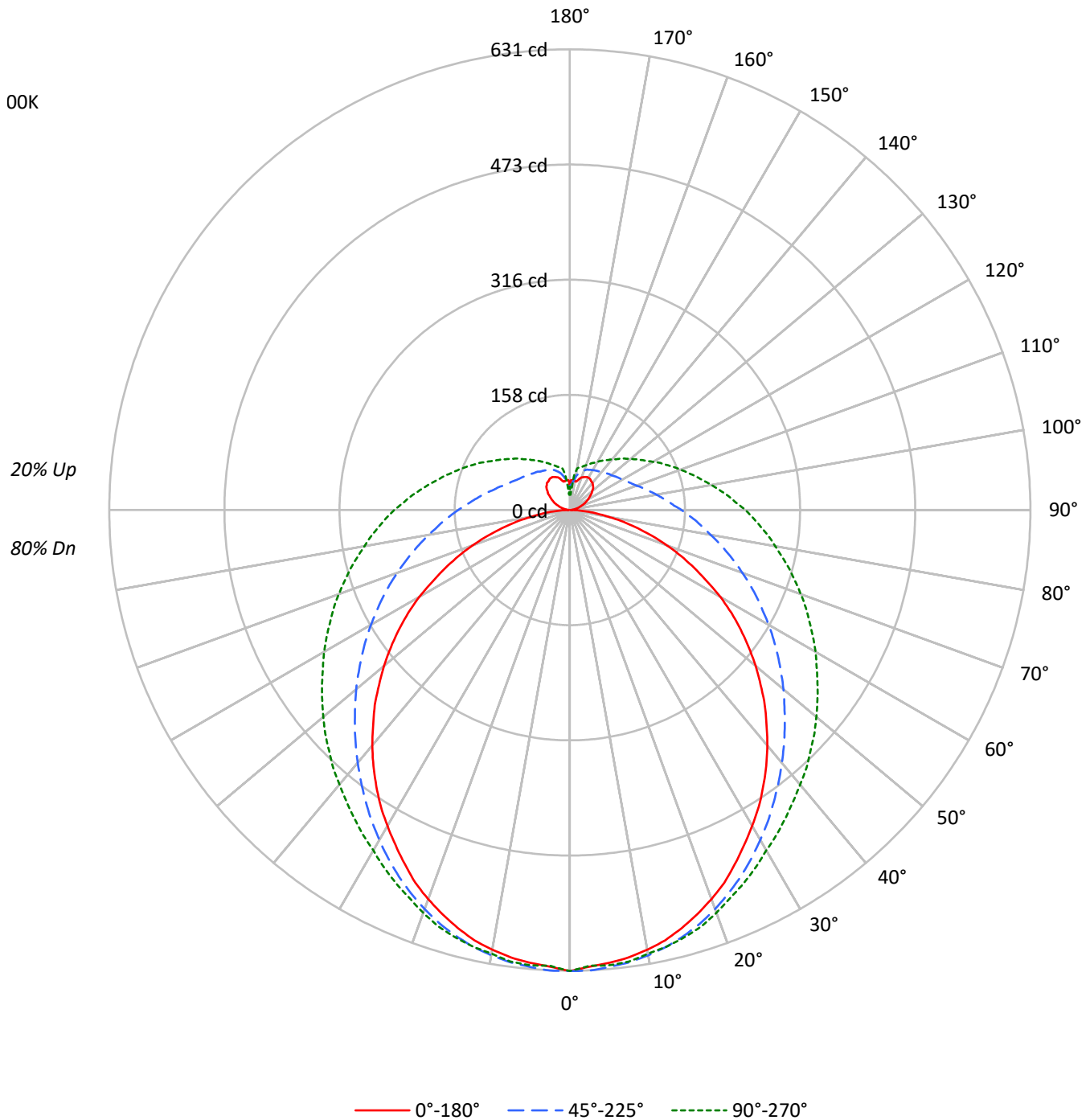
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2653.0 lumens
Efficiency: N/A
Efficacy: 126.3 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 (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.39961257980444
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	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°	9032	9032	9032
5°	8859	8669	8577
10°	8721	8319	8173
15°	8537	7956	7826
20°	8316	7580	7452
25°	8051	7194	7089
30°	7780	6805	6756
35°	7514	6432	6501
40°	7224	6083	6279
45°	6915	5764	6096
50°	6571	5486	5936
55°	6197	5227	5797
60°	5764	5001	5707
65°	5200	4804	5637
70°	4600	4636	5623
75°	3825	4519	5651
80°	2858	4463	5732
85°	1736	4546	5932

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6915 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.7	2.2
10°-20°	170.4	6.4
20°-30°	255.5	9.6
30°-40°	307.1	11.6
40°-50°	325.5	12.3
50°-60°	313.3	11.8
60°-70°	276.8	10.4
70°-80°	226.5	8.5
80°-90°	175.8	6.6
90°-100°	136.2	5.1
100°-110°	108.1	4.1
110°-120°	86.4	3.3
120°-130°	69.1	2.6
130°-140°	54.5	2.1
140°-150°	41.1	1.6
150°-160°	28.1	1.1
160°-170°	15.0	0.6
170°-180°	3.8	0.1
0°-30°	485.6	18.3
0°-40°	792.7	29.9
0°-60°	1431.6	54.0
0°-90°	2110.6	79.6
90°-120°	330.6	12.5
90°-150°	495.4	18.7
90°-180°	542.0	20.4
0°-180°	2653.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	631	631	631	631	631	
5°	623	629	628	630	626	59
15°	593	603	604	609	606	167
25°	535	548	554	564	564	247
35°	462	475	487	508	515	289
45°	378	392	416	453	466	291
55°	286	302	348	396	414	255
65°	188	216	282	340	362	187
75°	96	142	223	287	311	102
85°	23	86	174	238	262	25
90°	1	69	153	215	240	2
95°	3	56	135	194	218	3
105°	12	45	108	158	178	12
115°	23	43	90	130	146	23
125°	34	45	79	108	120	31
135°	45	49	71	91	100	35
145°	50	51	65	78	83	31
155°	50	54	61	68	71	23
165°	42	48	53	60	61	12
175°	41	39	37	33	31	4
180°	32	32	32	32	32	



TEST NUMBER: P893119

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-HI-3500K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4
2.5°	625.9	629.2	630.3	629.2	629.2	631.4	631.4	635.9	637.0	630.3	631.4
5°	622.6	625.9	628.1	627.0	627.0	629.2	628.1	632.6	633.7	628.1	628.1
7.5°	618.1	621.5	623.7	622.6	622.6	624.8	623.7	628.1	629.2	624.8	624.8
10°	611.5	615.9	618.1	615.9	617.0	619.3	618.1	622.6	623.7	619.3	619.3
12.5°	603.7	608.2	610.4	609.3	610.4	611.5	610.4	615.9	617.0	612.6	612.6
15°	592.7	598.2	599.3	598.2	599.3	602.6	600.4	604.9	608.2	603.7	603.7
17.5°	580.5	586.0	588.2	587.1	589.3	591.6	589.3	594.9	597.1	592.7	593.8
20°	567.2	572.7	574.9	573.8	576.1	578.3	576.1	581.6	583.8	580.5	581.6
22.5°	552.8	558.3	560.5	559.4	561.7	563.9	561.7	567.2	570.5	567.2	568.3
25°	535.1	541.7	543.9	542.8	545.0	548.4	545.0	551.7	555.0	552.8	553.9
27.5°	517.3	522.9	527.3	525.1	528.4	531.7	529.5	534.0	538.4	537.3	538.4
30°	499.6	505.2	509.6	507.4	510.7	514.0	510.7	516.2	520.7	520.7	521.8
32.5°	481.9	486.3	489.6	488.5	490.8	495.2	493.0	498.5	502.9	502.9	505.2
35°	462.0	466.4	469.7	468.6	471.9	475.2	473.0	478.6	484.1	485.2	487.4
37.5°	442.0	446.4	449.8	448.7	450.9	455.3	453.1	459.7	464.2	466.4	469.7
40°	421.0	425.4	428.7	427.6	430.9	434.3	433.1	438.7	444.2	447.5	452.0
42.5°	398.8	403.2	406.6	406.6	409.9	414.3	412.1	418.7	424.3	428.7	434.3
45°	377.8	381.1	384.4	384.4	388.8	392.2	391.1	397.7	404.3	409.9	416.5
47.5°	354.5	358.9	361.1	362.2	366.7	370.0	370.0	376.7	384.4	392.2	398.8
50°	332.3	335.7	339.0	339.0	344.5	347.8	347.8	355.6	365.6	374.4	382.2
52.5°	309.1	312.4	315.7	316.8	321.3	325.7	325.7	334.6	345.6	355.6	364.5
55°	285.8	289.1	291.3	293.6	299.1	302.4	304.6	314.6	326.8	336.8	347.8
57.5°	262.5	264.8	268.1	270.3	276.9	281.4	284.7	295.8	308.0	320.2	331.2
60°	238.2	241.5	243.7	247.0	253.7	260.3	263.7	275.8	289.1	302.4	314.6
62.5°	211.6	214.9	218.2	222.7	232.6	238.2	243.7	257.0	270.3	284.7	298.0
65°	188.3	190.5	193.9	198.3	209.4	216.0	222.7	237.1	252.6	268.1	282.5
67.5°	165.1	167.3	171.7	177.2	189.4	196.1	202.7	218.2	236.0	252.6	267.0
70°	141.8	142.9	148.4	156.2	169.5	176.1	183.9	199.4	217.1	236.0	251.5
72.5°	118.5	120.7	126.3	135.2	150.7	158.4	166.2	183.9	201.6	219.3	237.1
75°	96.4	97.5	105.2	116.3	132.9	141.8	150.7	168.4	187.2	206.0	222.7
77.5°	75.3	76.4	86.4	98.6	116.3	126.3	135.2	152.9	172.8	191.6	209.4
80°	55.4	57.6	67.6	83.1	100.8	110.8	121.9	140.7	159.5	179.5	196.1
82.5°	37.7	41.0	52.1	68.7	87.5	98.6	108.6	127.4	147.3	167.3	183.9
85°	23.3	26.6	39.9	56.5	76.4	86.4	96.4	116.3	136.3	155.1	173.9
87.5°	10.0	16.6	29.9	46.5	66.5	76.4	87.5	106.3	125.2	145.1	162.8
90°	1.1	10.0	23.3	39.9	58.7	68.7	78.7	97.5	116.3	135.2	152.9
92.5°	1.1	6.6	18.8	34.3	52.1	62.0	70.9	89.7	107.5	126.3	142.9
95°	3.3	6.6	16.6	31.0	47.6	56.5	65.4	83.1	100.8	118.5	135.2
97.5°	4.4	7.8	16.6	28.8	43.2	52.1	60.9	77.5	94.2	110.8	127.4
100°	6.6	8.9	16.6	27.7	41.0	48.7	56.5	72.0	88.6	105.2	120.7
102.5°	8.9	11.1	17.7	27.7	39.9	46.5	54.3	68.7	83.1	98.6	114.1
105°	12.2	13.3	18.8	27.7	38.8	45.4	52.1	65.4	78.7	94.2	107.5
107.5°	14.4	15.5	19.9	28.8	38.8	44.3	51.0	62.0	75.3	88.6	103.0
110°	16.6	16.6	22.2	29.9	38.8	43.2	49.9	60.9	73.1	85.3	97.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	19.9	19.9	23.3	31.0	38.8	43.2	48.7	58.7	69.8	82.0	93.1
115°	23.3	22.2	25.5	32.1	39.9	43.2	48.7	57.6	67.6	78.7	89.7
117.5°	25.5	24.4	27.7	33.2	39.9	44.3	48.7	57.6	66.5	76.4	86.4
120°	28.8	26.6	28.8	34.3	41.0	44.3	48.7	56.5	65.4	74.2	83.1
122.5°	31.0	29.9	31.0	36.6	42.1	44.3	48.7	55.4	64.3	72.0	80.9
125°	34.3	32.1	33.2	37.7	43.2	45.4	49.9	55.4	63.1	70.9	78.7
127.5°	37.7	34.3	34.3	38.8	43.2	46.5	49.9	55.4	62.0	68.7	76.4
130°	39.9	37.7	36.6	41.0	44.3	46.5	49.9	55.4	60.9	67.6	74.2
132.5°	43.2	39.9	38.8	42.1	45.4	47.6	51.0	55.4	60.9	66.5	73.1
135°	45.4	42.1	41.0	43.2	46.5	48.7	51.0	55.4	60.9	65.4	70.9
137.5°	46.5	44.3	43.2	44.3	47.6	49.9	52.1	55.4	59.8	64.3	69.8
140°	48.7	46.5	45.4	46.5	48.7	49.9	52.1	55.4	59.8	63.1	68.7
142.5°	48.7	48.7	46.5	47.6	48.7	51.0	53.2	55.4	58.7	63.1	66.5
145°	49.9	49.9	48.7	49.9	49.9	51.0	53.2	55.4	58.7	62.0	65.4
147.5°	51.0	51.0	51.0	51.0	51.0	52.1	53.2	55.4	58.7	60.9	64.3
150°	51.0	51.0	52.1	52.1	53.2	53.2	54.3	55.4	58.7	60.9	63.1
152.5°	51.0	49.9	52.1	53.2	54.3	54.3	54.3	55.4	57.6	59.8	62.0
155°	49.9	48.7	51.0	52.1	53.2	54.3	55.4	55.4	57.6	58.7	60.9
157.5°	48.7	47.6	49.9	51.0	52.1	53.2	54.3	54.3	55.4	57.6	59.8
160°	47.6	46.5	47.6	49.9	51.0	52.1	53.2	53.2	54.3	55.4	57.6
162.5°	45.4	44.3	45.4	47.6	48.7	49.9	51.0	52.1	53.2	54.3	55.4
165°	42.1	42.1	42.1	44.3	46.5	47.6	48.7	49.9	51.0	52.1	53.2
167.5°	39.9	38.8	39.9	41.0	43.2	44.3	45.4	46.5	47.6	48.7	49.9
170°	39.9	38.8	38.8	39.9	41.0	41.0	42.1	43.2	44.3	45.4	46.5
172.5°	41.0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	41.0	41.0
175°	41.0	41.0	39.9	39.9	38.8	38.8	38.8	38.8	37.7	36.6	36.6
177.5°	41.0	41.0	41.0	39.9	39.9	38.8	38.8	38.8	37.7	36.6	34.3
180°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4	631.4
2.5°	630.3	630.3	625.9	630.3	631.4	629.2	628.1	630.3	627.0	624.8
5°	628.1	628.1	624.8	629.2	630.3	628.1	628.1	630.3	627.0	625.9
7.5°	623.7	624.8	622.6	627.0	628.1	625.9	625.9	628.1	625.9	623.7
10°	619.3	619.3	618.1	621.5	621.5	620.4	619.3	621.5	620.4	617.0
12.5°	612.6	613.7	611.5	615.9	617.0	614.8	614.8	617.0	614.8	612.6
15°	604.9	604.9	604.9	608.2	609.3	608.2	608.2	610.4	608.2	606.0
17.5°	594.9	596.0	596.0	600.4	601.5	599.3	599.3	602.6	601.5	598.2
20°	582.7	583.8	584.9	588.2	589.3	588.2	588.2	590.5	590.5	587.1
22.5°	570.5	570.5	572.7	576.1	577.2	576.1	576.1	579.4	579.4	574.9
25°	556.1	556.1	559.4	563.9	563.9	562.8	563.9	566.1	567.2	563.9
27.5°	541.7	542.8	546.1	550.6	550.6	550.6	550.6	553.9	553.9	551.7
30°	525.1	527.3	530.6	535.1	536.2	536.2	537.3	539.5	541.7	538.4
32.5°	508.5	510.7	515.1	520.7	521.8	522.9	524.0	528.4	530.6	527.3
35°	491.9	494.1	500.7	507.4	508.5	509.6	511.8	516.2	518.4	515.1
37.5°	475.2	478.6	487.4	493.0	495.2	496.3	499.6	502.9	507.4	502.9
40°	459.7	463.1	473.0	479.7	480.8	483.0	486.3	490.8	494.1	490.8
42.5°	443.1	447.5	457.5	465.3	467.5	469.7	473.0	477.5	481.9	479.7
45°	426.5	432.0	443.1	450.9	453.1	456.4	460.8	465.3	469.7	466.4
47.5°	409.9	416.5	428.7	436.5	438.7	443.1	447.5	452.0	456.4	454.2
50°	393.3	399.9	413.2	422.1	425.4	429.8	433.1	438.7	443.1	440.9
52.5°	377.8	384.4	398.8	407.7	411.0	415.4	419.9	425.4	429.8	427.6
55°	360.0	367.8	383.3	392.2	395.5	401.0	406.6	411.0	416.5	414.3
57.5°	344.5	353.4	368.9	378.9	382.2	387.7	393.3	398.8	404.3	401.0
60°	329.0	337.9	354.5	364.5	367.8	374.4	380.0	384.4	391.1	388.8
62.5°	313.5	323.5	339.0	350.1	354.5	360.0	365.6	371.1	376.7	375.5
65°	296.9	308.0	324.6	335.7	340.1	346.7	352.3	357.8	363.4	362.2
67.5°	283.6	294.7	311.3	322.4	326.8	333.4	340.1	345.6	351.2	350.1
70°	268.1	280.3	296.9	308.0	312.4	319.0	325.7	331.2	336.8	336.8
72.5°	254.8	267.0	283.6	294.7	300.2	306.9	313.5	319.0	324.6	323.5
75°	241.5	253.7	270.3	281.4	286.9	294.7	301.3	306.9	312.4	311.3
77.5°	227.1	240.4	257.0	268.1	273.6	281.4	288.0	293.6	299.1	298.0
80°	213.8	228.2	244.8	255.9	261.4	268.1	275.8	281.4	286.9	285.8
82.5°	201.6	216.0	233.7	244.8	250.4	257.0	264.8	270.3	274.7	274.7
85°	190.5	203.8	220.5	232.6	238.2	244.8	252.6	258.1	263.7	262.5
87.5°	179.5	192.8	208.3	220.5	226.0	232.6	241.5	247.0	251.5	251.5
90°	169.5	182.8	198.3	209.4	214.9	221.6	229.3	236.0	240.4	240.4
92.5°	160.6	172.8	188.3	198.3	203.8	210.5	219.3	223.8	228.2	228.2
95°	151.8	164.0	178.4	188.3	193.9	200.5	208.3	213.8	217.1	218.2
97.5°	142.9	155.1	169.5	178.4	183.9	190.5	198.3	202.7	206.0	207.2
100°	135.2	147.3	160.6	169.5	175.0	181.7	188.3	192.8	196.1	197.2
102.5°	128.5	139.6	152.9	161.7	166.2	171.7	179.5	183.9	187.2	187.2
105°	121.9	132.9	145.1	154.0	158.4	164.0	170.6	175.0	178.4	178.4
107.5°	115.2	126.3	137.4	146.2	150.7	155.1	161.7	166.2	169.5	169.5
110°	109.7	119.6	130.7	138.5	142.9	147.3	154.0	158.4	160.6	161.7



TEST NUMBER: P893119

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	105.2	114.1	124.1	131.8	136.3	140.7	146.2	150.7	152.9	154.0
115°	100.8	108.6	118.5	125.2	129.6	134.0	139.6	142.9	145.1	146.2
117.5°	96.4	104.1	113.0	119.6	123.0	127.4	132.9	136.3	138.5	139.6
120°	93.1	99.7	108.6	114.1	117.4	121.9	126.3	129.6	131.8	131.8
122.5°	88.6	96.4	103.0	108.6	111.9	115.2	120.7	123.0	125.2	125.2
125°	86.4	91.9	99.7	104.1	107.5	110.8	115.2	117.4	119.6	119.6
127.5°	83.1	88.6	95.3	99.7	101.9	105.2	109.7	111.9	113.0	114.1
130°	80.9	86.4	91.9	96.4	98.6	100.8	105.2	106.3	108.6	108.6
132.5°	78.7	83.1	88.6	91.9	94.2	96.4	99.7	101.9	103.0	104.1
135°	76.4	80.9	85.3	88.6	90.8	93.1	96.4	97.5	98.6	99.7
137.5°	74.2	78.7	82.0	85.3	86.4	88.6	91.9	93.1	94.2	94.2
140°	72.0	76.4	79.8	82.0	84.2	85.3	88.6	89.7	89.7	90.8
142.5°	70.9	74.2	76.4	78.7	80.9	82.0	84.2	85.3	86.4	86.4
145°	68.7	72.0	74.2	76.4	77.5	78.7	80.9	82.0	83.1	83.1
147.5°	67.6	69.8	72.0	74.2	75.3	76.4	78.7	78.7	79.8	79.8
150°	65.4	68.7	69.8	72.0	73.1	73.1	75.3	76.4	76.4	76.4
152.5°	64.3	66.5	67.6	68.7	69.8	70.9	72.0	73.1	73.1	73.1
155°	63.1	65.4	66.5	67.6	67.6	68.7	69.8	69.8	69.8	70.9
157.5°	62.0	63.1	64.3	65.4	65.4	66.5	67.6	67.6	67.6	67.6
160°	59.8	60.9	62.0	63.1	64.3	64.3	65.4	65.4	65.4	65.4
162.5°	56.5	58.7	59.8	60.9	62.0	62.0	63.1	63.1	63.1	63.1
165°	54.3	55.4	56.5	58.7	59.8	59.8	60.9	60.9	60.9	60.9
167.5°	52.1	52.1	53.2	54.3	56.5	57.6	58.7	59.8	59.8	59.8
170°	47.6	47.6	48.7	48.7	51.0	52.1	54.3	56.5	57.6	57.6
172.5°	42.1	42.1	43.2	42.1	43.2	43.2	44.3	46.5	48.7	49.9
175°	36.6	36.6	34.3	33.2	33.2	32.1	32.1	31.0	28.8	31.0
177.5°	32.1	31.0	28.8	26.6	26.6	25.5	25.5	23.3	21.0	21.0
180°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1



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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	14.54	15.85	15.18	16.52	17.29	17.92	19.23	18.57	19.90	20.67
	3H	15.86	17.06	16.52	17.73	18.54	20.74	21.94	21.39	22.61	23.42
	4H	16.26	17.39	16.93	18.08	18.90	22.16	23.29	22.83	23.98	24.80
	6H	16.47	17.53	17.15	18.22	19.06	23.64	24.70	24.33	25.40	26.23
	8H	16.50	17.52	17.20	18.24	19.07	24.40	25.41	25.09	26.13	26.97
	12H	16.50	17.48	17.21	18.19	19.06	25.19	26.16	25.89	26.88	27.74
4H	2H	15.66	16.80	16.34	17.49	18.30	18.26	19.40	18.94	20.09	20.90
	3H	17.27	18.24	17.96	18.97	19.80	21.32	22.29	22.00	23.01	23.85
	4H	17.83	18.73	18.53	19.45	20.32	22.91	23.81	23.62	24.54	25.40
	6H	18.17	18.97	18.89	19.72	20.59	24.61	25.40	25.33	26.16	27.03
	8H	18.24	18.99	18.97	19.74	20.63	25.49	26.23	26.21	26.98	27.87
	12H	18.27	18.96	19.02	19.73	20.62	26.42	27.10	27.17	27.87	28.76
8H	4H	18.87	19.62	19.60	20.37	21.26	23.09	23.84	23.82	24.59	25.47
	6H	19.48	20.12	20.24	20.91	21.80	24.97	25.61	25.73	26.40	27.29
	8H	19.68	20.26	20.45	21.05	21.95	26.00	26.58	26.77	27.37	28.27
	12H	19.80	20.32	20.57	21.10	22.05	27.14	27.65	27.91	28.43	29.39
12H	4H	19.20	19.89	19.95	20.66	21.55	23.09	23.77	23.83	24.54	25.43
	6H	19.98	20.56	20.75	21.35	22.25	25.01	25.58	25.77	26.37	27.27
	8H	20.31	20.83	21.08	21.61	22.56	26.10	26.62	26.87	27.40	28.35