

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: P893132

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC93-LOW-4000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893132
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-CC93-LOW-4000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 40
CCT, LOW lumen setting
Light Source: -
Ballast/Driver: -

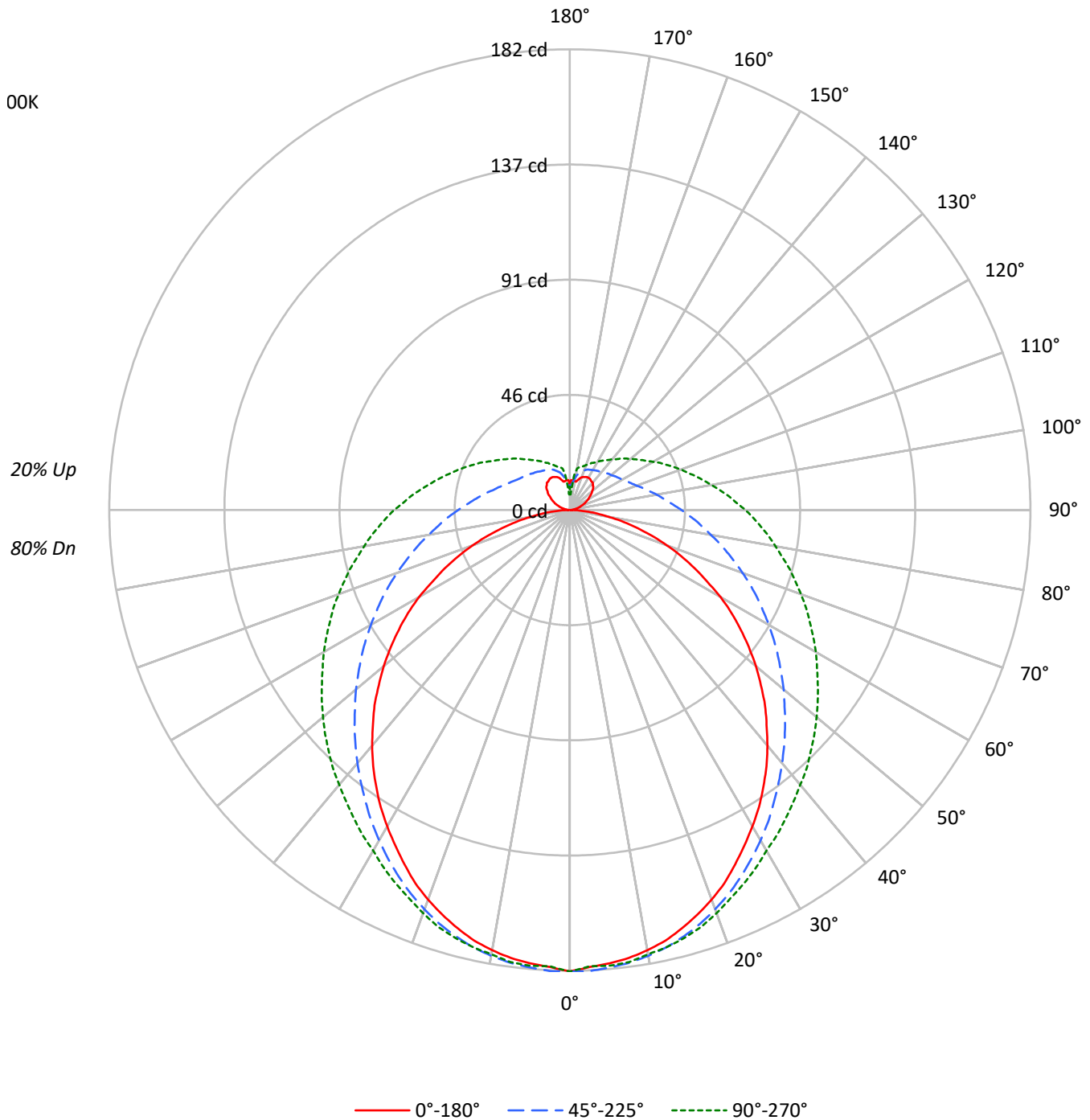
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 766.0 lumens
Efficiency: N/A
Efficacy: 111.0 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): 6.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9915
Total Harmonic Distortion (THDi): 6.67573310469889
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°	2608	2608	2608
5°	2558	2504	2476
10°	2519	2402	2361
15°	2464	2297	2260
20°	2402	2188	2151
25°	2325	2077	2047
30°	2247	1965	1950
35°	2170	1857	1877
40°	2085	1756	1813
45°	1997	1665	1760
50°	1898	1583	1714
55°	1789	1509	1673
60°	1665	1443	1648
65°	1502	1388	1628
70°	1327	1338	1623
75°	1103	1305	1632
80°	825	1288	1655
85°	499	1312	1713

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1997 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	2.3
10°-20°	49.2	6.4
20°-30°	73.8	9.6
30°-40°	88.7	11.6
40°-50°	94.0	12.3
50°-60°	90.5	11.8
60°-70°	79.9	10.4
70°-80°	65.4	8.5
80°-90°	50.8	6.6
90°-100°	39.3	5.1
100°-110°	31.2	4.1
110°-120°	24.9	3.3
120°-130°	20.0	2.6
130°-140°	15.7	2.1
140°-150°	11.9	1.6
150°-160°	8.1	1.1
160°-170°	4.3	0.6
170°-180°	1.1	0.1
0°-30°	140.2	18.3
0°-40°	228.9	29.9
0°-60°	413.3	54.0
0°-90°	609.4	79.6
90°-120°	95.5	12.5
90°-150°	143.0	18.7
90°-180°	157.0	20.5
0°-180°	766.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	182	182	182	182	182	
5°	180	182	181	182	181	17
15°	171	174	174	176	175	48
25°	154	158	160	163	163	71
35°	133	137	141	147	149	83
45°	109	113	120	131	135	84
55°	82	87	100	114	120	74
65°	54	62	82	98	105	54
75°	28	41	64	83	90	30
85°	7	25	50	69	76	7
90°	0	20	44	62	69	1
95°	1	16	39	56	63	1
105°	4	13	31	46	52	4
115°	7	12	26	37	42	7
125°	10	13	23	31	34	9
135°	13	14	20	26	29	10
145°	14	15	19	22	24	9
155°	14	16	18	20	20	7
165°	12	14	15	17	18	4
175°	12	11	11	10	9	1
180°	9	9	9	9	9	



TEST NUMBER: P893132

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3
2.5°	180.7	181.7	182.0	181.7	181.7	182.3	182.3	183.6	183.9	182.0	182.3
5°	179.8	180.7	181.4	181.0	181.0	181.7	181.4	182.6	183.0	181.4	181.4
7.5°	178.5	179.4	180.1	179.8	179.8	180.4	180.1	181.4	181.7	180.4	180.4
10°	176.6	177.8	178.5	177.8	178.2	178.8	178.5	179.8	180.1	178.8	178.8
12.5°	174.3	175.6	176.2	175.9	176.2	176.6	176.2	177.8	178.2	176.9	176.9
15°	171.1	172.7	173.0	172.7	173.0	174.0	173.4	174.6	175.6	174.3	174.3
17.5°	167.6	169.2	169.8	169.5	170.2	170.8	170.2	171.8	172.4	171.1	171.4
20°	163.8	165.4	166.0	165.7	166.3	167.0	166.3	167.9	168.6	167.6	167.9
22.5°	159.6	161.2	161.8	161.5	162.2	162.8	162.2	163.8	164.7	163.8	164.1
25°	154.5	156.4	157.0	156.7	157.4	158.3	157.4	159.3	160.2	159.6	159.9
27.5°	149.4	151.0	152.3	151.6	152.6	153.5	152.9	154.2	155.4	155.1	155.4
30°	144.3	145.9	147.1	146.5	147.5	148.4	147.5	149.1	150.3	150.3	150.7
32.5°	139.1	140.4	141.4	141.1	141.7	143.0	142.3	143.9	145.2	145.2	145.9
35°	133.4	134.7	135.6	135.3	136.3	137.2	136.6	138.2	139.8	140.1	140.7
37.5°	127.6	128.9	129.9	129.5	130.2	131.5	130.8	132.7	134.0	134.7	135.6
40°	121.5	122.8	123.8	123.5	124.4	125.4	125.1	126.7	128.3	129.2	130.5
42.5°	115.1	116.4	117.4	117.4	118.3	119.6	119.0	120.9	122.5	123.8	125.4
45°	109.1	110.0	111.0	111.0	112.3	113.2	112.9	114.8	116.7	118.3	120.3
47.5°	102.4	103.6	104.3	104.6	105.9	106.8	106.8	108.8	111.0	113.2	115.1
50°	96.0	96.9	97.9	97.9	99.5	100.4	100.4	102.7	105.6	108.1	110.3
52.5°	89.2	90.2	91.2	91.5	92.8	94.0	94.0	96.6	99.8	102.7	105.2
55°	82.5	83.5	84.1	84.8	86.4	87.3	88.0	90.8	94.4	97.2	100.4
57.5°	75.8	76.4	77.4	78.0	80.0	81.2	82.2	85.4	88.9	92.4	95.6
60°	68.8	69.7	70.4	71.3	73.2	75.2	76.1	79.6	83.5	87.3	90.8
62.5°	61.1	62.1	63.0	64.3	67.2	68.8	70.4	74.2	78.0	82.2	86.0
65°	54.4	55.0	56.0	57.3	60.5	62.4	64.3	68.4	72.9	77.4	81.6
67.5°	47.7	48.3	49.6	51.2	54.7	56.6	58.5	63.0	68.1	72.9	77.1
70°	40.9	41.3	42.9	45.1	48.9	50.9	53.1	57.6	62.7	68.1	72.6
72.5°	34.2	34.9	36.5	39.0	43.5	45.7	48.0	53.1	58.2	63.3	68.4
75°	27.8	28.1	30.4	33.6	38.4	40.9	43.5	48.6	54.1	59.5	64.3
77.5°	21.8	22.1	24.9	28.5	33.6	36.5	39.0	44.1	49.9	55.3	60.5
80°	16.0	16.6	19.5	24.0	29.1	32.0	35.2	40.6	46.1	51.8	56.6
82.5°	10.9	11.8	15.0	19.8	25.3	28.5	31.3	36.8	42.5	48.3	53.1
85°	6.7	7.7	11.5	16.3	22.1	24.9	27.8	33.6	39.3	44.8	50.2
87.5°	2.9	4.8	8.6	13.4	19.2	22.1	25.3	30.7	36.1	41.9	47.0
90°	0.3	2.9	6.7	11.5	17.0	19.8	22.7	28.1	33.6	39.0	44.1
92.5°	0.3	1.9	5.4	9.9	15.0	17.9	20.5	25.9	31.0	36.5	41.3
95°	1.0	1.9	4.8	9.0	13.8	16.3	18.9	24.0	29.1	34.2	39.0
97.5°	1.3	2.2	4.8	8.3	12.5	15.0	17.6	22.4	27.2	32.0	36.8
100°	1.9	2.6	4.8	8.0	11.8	14.1	16.3	20.8	25.6	30.4	34.9
102.5°	2.6	3.2	5.1	8.0	11.5	13.4	15.7	19.8	24.0	28.5	32.9
105°	3.5	3.8	5.4	8.0	11.2	13.1	15.0	18.9	22.7	27.2	31.0
107.5°	4.2	4.5	5.8	8.3	11.2	12.8	14.7	17.9	21.8	25.6	29.7
110°	4.8	4.8	6.4	8.6	11.2	12.5	14.4	17.6	21.1	24.6	28.1



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	5.8	5.8	6.7	9.0	11.2	12.5	14.1	17.0	20.2	23.7	26.9
115°	6.7	6.4	7.4	9.3	11.5	12.5	14.1	16.6	19.5	22.7	25.9
117.5°	7.4	7.0	8.0	9.6	11.5	12.8	14.1	16.6	19.2	22.1	24.9
120°	8.3	7.7	8.3	9.9	11.8	12.8	14.1	16.3	18.9	21.4	24.0
122.5°	9.0	8.6	9.0	10.6	12.2	12.8	14.1	16.0	18.6	20.8	23.3
125°	9.9	9.3	9.6	10.9	12.5	13.1	14.4	16.0	18.2	20.5	22.7
127.5°	10.9	9.9	9.9	11.2	12.5	13.4	14.4	16.0	17.9	19.8	22.1
130°	11.5	10.9	10.6	11.8	12.8	13.4	14.4	16.0	17.6	19.5	21.4
132.5°	12.5	11.5	11.2	12.2	13.1	13.8	14.7	16.0	17.6	19.2	21.1
135°	13.1	12.2	11.8	12.5	13.4	14.1	14.7	16.0	17.6	18.9	20.5
137.5°	13.4	12.8	12.5	12.8	13.8	14.4	15.0	16.0	17.3	18.6	20.2
140°	14.1	13.4	13.1	13.4	14.1	14.4	15.0	16.0	17.3	18.2	19.8
142.5°	14.1	14.1	13.4	13.8	14.1	14.7	15.4	16.0	17.0	18.2	19.2
145°	14.4	14.4	14.1	14.4	14.4	14.7	15.4	16.0	17.0	17.9	18.9
147.5°	14.7	14.7	14.7	14.7	14.7	15.0	15.4	16.0	17.0	17.6	18.6
150°	14.7	14.7	15.0	15.0	15.4	15.4	15.7	16.0	17.0	17.6	18.2
152.5°	14.7	14.4	15.0	15.4	15.7	15.7	15.7	16.0	16.6	17.3	17.9
155°	14.4	14.1	14.7	15.0	15.4	15.7	16.0	16.0	16.6	17.0	17.6
157.5°	14.1	13.8	14.4	14.7	15.0	15.4	15.7	15.7	16.0	16.6	17.3
160°	13.8	13.4	13.8	14.4	14.7	15.0	15.4	15.4	15.7	16.0	16.6
162.5°	13.1	12.8	13.1	13.8	14.1	14.4	14.7	15.0	15.4	15.7	16.0
165°	12.2	12.2	12.2	12.8	13.4	13.8	14.1	14.4	14.7	15.0	15.4
167.5°	11.5	11.2	11.5	11.8	12.5	12.8	13.1	13.4	13.8	14.1	14.4
170°	11.5	11.2	11.2	11.5	11.8	11.8	12.2	12.5	12.8	13.1	13.4
172.5°	11.8	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.8	11.8
175°	11.8	11.8	11.5	11.5	11.2	11.2	11.2	11.2	10.9	10.6	10.6
177.5°	11.8	11.8	11.8	11.5	11.5	11.2	11.2	11.2	10.9	10.6	9.9
180°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3	182.3
2.5°	182.0	182.0	180.7	182.0	182.3	181.7	181.4	182.0	181.0	180.4
5°	181.4	181.4	180.4	181.7	182.0	181.4	181.4	182.0	181.0	180.7
7.5°	180.1	180.4	179.8	181.0	181.4	180.7	180.7	181.4	180.7	180.1
10°	178.8	178.8	178.5	179.4	179.4	179.1	178.8	179.4	179.1	178.2
12.5°	176.9	177.2	176.6	177.8	178.2	177.5	177.5	178.2	177.5	176.9
15°	174.6	174.6	174.6	175.6	175.9	175.6	175.6	176.2	175.6	175.0
17.5°	171.8	172.1	172.1	173.4	173.7	173.0	173.0	174.0	173.7	172.7
20°	168.2	168.6	168.9	169.8	170.2	169.8	169.8	170.5	170.5	169.5
22.5°	164.7	164.7	165.4	166.3	166.6	166.3	166.3	167.3	167.3	166.0
25°	160.6	160.6	161.5	162.8	162.8	162.5	162.8	163.4	163.8	162.8
27.5°	156.4	156.7	157.7	159.0	159.0	159.0	159.0	159.9	159.9	159.3
30°	151.6	152.3	153.2	154.5	154.8	154.8	155.1	155.8	156.4	155.4
32.5°	146.8	147.5	148.7	150.3	150.7	151.0	151.3	152.6	153.2	152.3
35°	142.0	142.7	144.6	146.5	146.8	147.1	147.8	149.1	149.7	148.7
37.5°	137.2	138.2	140.7	142.3	143.0	143.3	144.3	145.2	146.5	145.2
40°	132.7	133.7	136.6	138.5	138.8	139.5	140.4	141.7	142.7	141.7
42.5°	127.9	129.2	132.1	134.3	135.0	135.6	136.6	137.9	139.1	138.5
45°	123.1	124.7	127.9	130.2	130.8	131.8	133.1	134.3	135.6	134.7
47.5°	118.3	120.3	123.8	126.0	126.7	127.9	129.2	130.5	131.8	131.1
50°	113.5	115.5	119.3	121.9	122.8	124.1	125.1	126.7	127.9	127.3
52.5°	109.1	111.0	115.1	117.7	118.7	119.9	121.2	122.8	124.1	123.5
55°	104.0	106.2	110.7	113.2	114.2	115.8	117.4	118.7	120.3	119.6
57.5°	99.5	102.0	106.5	109.4	110.3	111.9	113.5	115.1	116.7	115.8
60°	95.0	97.6	102.4	105.2	106.2	108.1	109.7	111.0	112.9	112.3
62.5°	90.5	93.4	97.9	101.1	102.4	104.0	105.6	107.2	108.8	108.4
65°	85.7	88.9	93.7	96.9	98.2	100.1	101.7	103.3	104.9	104.6
67.5°	81.9	85.1	89.9	93.1	94.4	96.3	98.2	99.8	101.4	101.1
70°	77.4	80.9	85.7	88.9	90.2	92.1	94.0	95.6	97.2	97.2
72.5°	73.6	77.1	81.9	85.1	86.7	88.6	90.5	92.1	93.7	93.4
75°	69.7	73.2	78.0	81.2	82.8	85.1	87.0	88.6	90.2	89.9
77.5°	65.6	69.4	74.2	77.4	79.0	81.2	83.2	84.8	86.4	86.0
80°	61.7	65.9	70.7	73.9	75.5	77.4	79.6	81.2	82.8	82.5
82.5°	58.2	62.4	67.5	70.7	72.3	74.2	76.4	78.0	79.3	79.3
85°	55.0	58.9	63.7	67.2	68.8	70.7	72.9	74.5	76.1	75.8
87.5°	51.8	55.7	60.1	63.7	65.3	67.2	69.7	71.3	72.6	72.6
90°	48.9	52.8	57.3	60.5	62.1	64.0	66.2	68.1	69.4	69.4
92.5°	46.4	49.9	54.4	57.3	58.9	60.8	63.3	64.6	65.9	65.9
95°	43.8	47.3	51.5	54.4	56.0	57.9	60.1	61.7	62.7	63.0
97.5°	41.3	44.8	48.9	51.5	53.1	55.0	57.3	58.5	59.5	59.8
100°	39.0	42.5	46.4	48.9	50.5	52.5	54.4	55.7	56.6	56.9
102.5°	37.1	40.3	44.1	46.7	48.0	49.6	51.8	53.1	54.1	54.1
105°	35.2	38.4	41.9	44.5	45.7	47.3	49.3	50.5	51.5	51.5
107.5°	33.3	36.5	39.7	42.2	43.5	44.8	46.7	48.0	48.9	48.9
110°	31.7	34.5	37.7	40.0	41.3	42.5	44.5	45.7	46.4	46.7



TEST NUMBER: P893132

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	30.4	32.9	35.8	38.1	39.3	40.6	42.2	43.5	44.1	44.5
115°	29.1	31.3	34.2	36.1	37.4	38.7	40.3	41.3	41.9	42.2
117.5°	27.8	30.1	32.6	34.5	35.5	36.8	38.4	39.3	40.0	40.3
120°	26.9	28.8	31.3	32.9	33.9	35.2	36.5	37.4	38.1	38.1
122.5°	25.6	27.8	29.7	31.3	32.3	33.3	34.9	35.5	36.1	36.1
125°	24.9	26.5	28.8	30.1	31.0	32.0	33.3	33.9	34.5	34.5
127.5°	24.0	25.6	27.5	28.8	29.4	30.4	31.7	32.3	32.6	32.9
130°	23.3	24.9	26.5	27.8	28.5	29.1	30.4	30.7	31.3	31.3
132.5°	22.7	24.0	25.6	26.5	27.2	27.8	28.8	29.4	29.7	30.1
135°	22.1	23.3	24.6	25.6	26.2	26.9	27.8	28.1	28.5	28.8
137.5°	21.4	22.7	23.7	24.6	24.9	25.6	26.5	26.9	27.2	27.2
140°	20.8	22.1	23.0	23.7	24.3	24.6	25.6	25.9	25.9	26.2
142.5°	20.5	21.4	22.1	22.7	23.3	23.7	24.3	24.6	24.9	24.9
145°	19.8	20.8	21.4	22.1	22.4	22.7	23.3	23.7	24.0	24.0
147.5°	19.5	20.2	20.8	21.4	21.8	22.1	22.7	22.7	23.0	23.0
150°	18.9	19.8	20.2	20.8	21.1	21.1	21.8	22.1	22.1	22.1
152.5°	18.6	19.2	19.5	19.8	20.2	20.5	20.8	21.1	21.1	21.1
155°	18.2	18.9	19.2	19.5	19.5	19.8	20.2	20.2	20.2	20.5
157.5°	17.9	18.2	18.6	18.9	18.9	19.2	19.5	19.5	19.5	19.5
160°	17.3	17.6	17.9	18.2	18.6	18.6	18.9	18.9	18.9	18.9
162.5°	16.3	17.0	17.3	17.6	17.9	17.9	18.2	18.2	18.2	18.2
165°	15.7	16.0	16.3	17.0	17.3	17.3	17.6	17.6	17.6	17.6
167.5°	15.0	15.0	15.4	15.7	16.3	16.6	17.0	17.3	17.3	17.3
170°	13.8	13.8	14.1	14.1	14.7	15.0	15.7	16.3	16.6	16.6
172.5°	12.2	12.2	12.5	12.2	12.5	12.5	12.8	13.4	14.1	14.4
175°	10.6	10.6	9.9	9.6	9.6	9.3	9.3	9.0	8.3	9.0
177.5°	9.3	9.0	8.3	7.7	7.7	7.4	7.4	6.7	6.1	6.1
180°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3



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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	10.22	11.53	10.87	12.20	12.97	13.61	14.91	14.25	15.58	16.35
	3H	11.55	12.74	12.20	13.42	14.22	16.42	17.62	17.08	18.29	19.10
	4H	11.94	13.08	12.62	13.77	14.58	17.84	18.98	18.51	19.67	20.48
	6H	12.15	13.21	12.84	13.91	14.74	19.33	20.39	20.01	21.08	21.92
	8H	12.19	13.20	12.88	13.92	14.76	20.08	21.10	20.78	21.82	22.65
	12H	12.19	13.16	12.90	13.88	14.74	20.87	21.85	21.58	22.56	23.42
4H	2H	11.35	12.49	12.02	13.17	13.99	13.94	15.08	14.62	15.77	16.58
	3H	12.96	13.93	13.64	14.65	15.49	17.00	17.97	17.69	18.70	19.53
	4H	13.51	14.41	14.22	15.14	16.00	18.59	19.49	19.30	20.22	21.08
	6H	13.86	14.65	14.58	15.40	16.27	20.29	21.09	21.01	21.84	22.71
	8H	13.93	14.68	14.66	15.43	16.31	21.17	21.92	21.89	22.67	23.55
	12H	13.96	14.64	14.71	15.41	16.30	22.10	22.78	22.85	23.55	24.45
8H	4H	14.56	15.31	15.29	16.06	16.94	18.77	19.52	19.50	20.27	21.16
	6H	15.17	15.81	15.93	16.60	17.48	20.66	21.30	21.41	22.08	22.97
	8H	15.37	15.95	16.14	16.73	17.64	21.69	22.26	22.45	23.05	23.95
	12H	15.48	16.00	16.26	16.78	17.74	22.82	23.33	23.59	24.11	25.07
12H	4H	14.89	15.57	15.64	16.34	17.24	18.77	19.45	19.52	20.22	21.11
	6H	15.67	16.24	16.43	17.03	17.93	20.69	21.27	21.46	22.06	22.96
	8H	16.00	16.51	16.77	17.29	18.25	21.78	22.30	22.55	23.08	24.04