

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: P893122

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893122
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-LOW-3500K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 35
CCT, LOW lumen setting
Light Source: -
Ballast/Driver: -

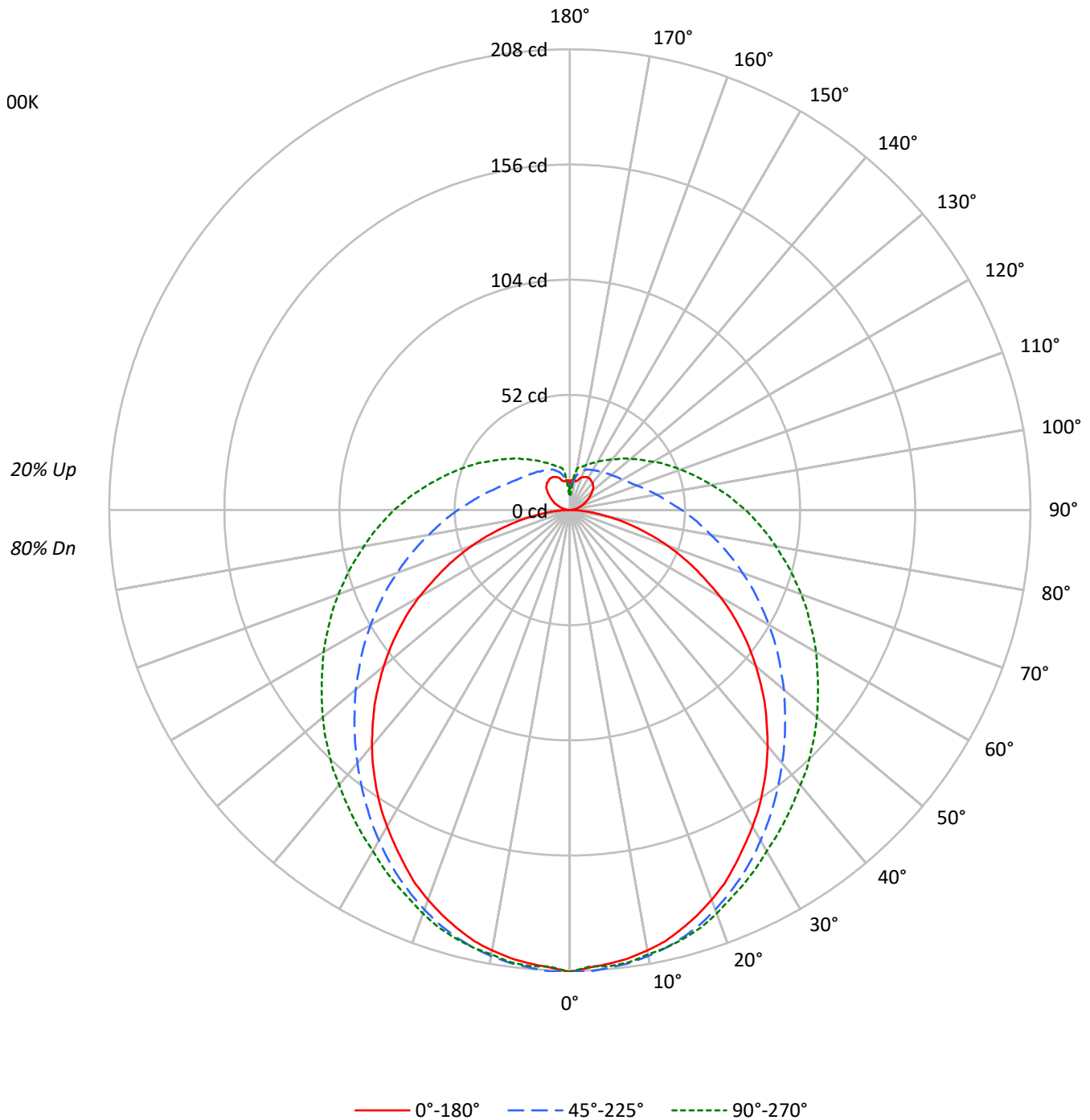
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 876.0 lumens
Efficiency: N/A
Efficacy: 127.0 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°	2983	2983	2983
5°	2926	2863	2832
10°	2879	2747	2698
15°	2819	2628	2584
20°	2746	2502	2461
25°	2659	2375	2341
30°	2569	2247	2231
35°	2480	2123	2147
40°	2385	2008	2072
45°	2283	1903	2013
50°	2169	1811	1960
55°	2047	1727	1914
60°	1902	1651	1885
65°	1718	1587	1861
70°	1518	1530	1856
75°	1262	1491	1866
80°	944	1473	1893
85°	574	1500	1959

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2283 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.7	2.2
10°-20°	56.3	6.4
20°-30°	84.4	9.6
30°-40°	101.4	11.6
40°-50°	107.5	12.3
50°-60°	103.5	11.8
60°-70°	91.4	10.4
70°-80°	74.8	8.5
80°-90°	58.0	6.6
90°-100°	45.0	5.1
100°-110°	35.7	4.1
110°-120°	28.5	3.3
120°-130°	22.8	2.6
130°-140°	18.0	2.1
140°-150°	13.6	1.6
150°-160°	9.3	1.1
160°-170°	5.0	0.6
170°-180°	1.3	0.1
0°-30°	160.4	18.3
0°-40°	261.7	29.9
0°-60°	472.7	54.0
0°-90°	696.9	79.6
90°-120°	109.2	12.5
90°-150°	163.6	18.7
90°-180°	179.0	20.4
0°-180°	876.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	208	208	208	208	208	
5°	206	208	207	208	207	20
15°	196	199	199	201	200	55
25°	177	181	183	186	186	81
35°	152	157	161	168	170	95
45°	125	130	138	150	154	96
55°	94	100	115	131	137	84
65°	62	71	93	112	120	62
75°	32	47	74	95	103	34
85°	8	28	57	79	87	8
90°	0	23	50	71	79	1
95°	1	19	45	64	72	1
105°	4	15	36	52	59	4
115°	8	14	30	43	48	7
125°	11	15	26	36	40	10
135°	15	16	23	30	33	11
145°	16	17	22	26	27	10
155°	16	18	20	22	23	8
165°	14	16	18	20	20	4
175°	14	13	12	11	10	1
180°	11	11	11	11	11	



TEST NUMBER: P893122

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5
2.5°	206.7	207.8	208.1	207.8	207.8	208.5	208.5	210.0	210.3	208.1	208.5
5°	205.6	206.7	207.4	207.0	207.0	207.8	207.4	208.9	209.2	207.4	207.4
7.5°	204.1	205.2	205.9	205.6	205.6	206.3	205.9	207.4	207.8	206.3	206.3
10°	201.9	203.4	204.1	203.4	203.7	204.5	204.1	205.6	205.9	204.5	204.5
12.5°	199.4	200.8	201.5	201.2	201.5	201.9	201.5	203.4	203.7	202.3	202.3
15°	195.7	197.5	197.9	197.5	197.9	199.0	198.3	199.7	200.8	199.4	199.4
17.5°	191.7	193.5	194.2	193.9	194.6	195.3	194.6	196.4	197.2	195.7	196.1
20°	187.3	189.1	189.8	189.5	190.2	190.9	190.2	192.0	192.8	191.7	192.0
22.5°	182.5	184.4	185.1	184.7	185.5	186.2	185.5	187.3	188.4	187.3	187.6
25°	176.7	178.9	179.6	179.2	180.0	181.1	180.0	182.2	183.3	182.5	182.9
27.5°	170.8	172.7	174.1	173.4	174.5	175.6	174.8	176.3	177.8	177.4	177.8
30°	165.0	166.8	168.3	167.5	168.6	169.7	168.6	170.5	171.9	171.9	172.3
32.5°	159.1	160.6	161.7	161.3	162.0	163.5	162.8	164.6	166.1	166.1	166.8
35°	152.5	154.0	155.1	154.7	155.8	156.9	156.2	158.0	159.8	160.2	160.9
37.5°	145.9	147.4	148.5	148.1	148.9	150.3	149.6	151.8	153.3	154.0	155.1
40°	139.0	140.5	141.6	141.2	142.3	143.4	143.0	144.9	146.7	147.8	149.2
42.5°	131.7	133.1	134.2	134.2	135.3	136.8	136.1	138.3	140.1	141.6	143.4
45°	124.7	125.8	126.9	126.9	128.4	129.5	129.1	131.3	133.5	135.3	137.5
47.5°	117.1	118.5	119.2	119.6	121.1	122.2	122.2	124.4	126.9	129.5	131.7
50°	109.7	110.8	111.9	111.9	113.8	114.9	114.9	117.4	120.7	123.6	126.2
52.5°	102.1	103.2	104.2	104.6	106.1	107.5	107.5	110.5	114.1	117.4	120.3
55°	94.4	95.5	96.2	96.9	98.8	99.9	100.6	103.9	107.9	111.2	114.9
57.5°	86.7	87.4	88.5	89.3	91.4	92.9	94.0	97.7	101.7	105.7	109.4
60°	78.6	79.7	80.5	81.6	83.8	86.0	87.1	91.1	95.5	99.9	103.9
62.5°	69.9	71.0	72.1	73.5	76.8	78.6	80.5	84.9	89.3	94.0	98.4
65°	62.2	62.9	64.0	65.5	69.1	71.3	73.5	78.3	83.4	88.5	93.3
67.5°	54.5	55.2	56.7	58.5	62.5	64.7	66.9	72.1	77.9	83.4	88.2
70°	46.8	47.2	49.0	51.6	56.0	58.2	60.7	65.8	71.7	77.9	83.0
72.5°	39.1	39.9	41.7	44.6	49.7	52.3	54.9	60.7	66.6	72.4	78.3
75°	31.8	32.2	34.7	38.4	43.9	46.8	49.7	55.6	61.8	68.0	73.5
77.5°	24.9	25.2	28.5	32.6	38.4	41.7	44.6	50.5	57.1	63.3	69.1
80°	18.3	19.0	22.3	27.4	33.3	36.6	40.2	46.5	52.7	59.3	64.7
82.5°	12.4	13.5	17.2	22.7	28.9	32.6	35.8	42.1	48.6	55.2	60.7
85°	7.7	8.8	13.2	18.7	25.2	28.5	31.8	38.4	45.0	51.2	57.4
87.5°	3.3	5.5	9.9	15.4	21.9	25.2	28.9	35.1	41.3	47.9	53.8
90°	0.4	3.3	7.7	13.2	19.4	22.7	26.0	32.2	38.4	44.6	50.5
92.5°	0.4	2.2	6.2	11.3	17.2	20.5	23.4	29.6	35.5	41.7	47.2
95°	1.1	2.2	5.5	10.2	15.7	18.7	21.6	27.4	33.3	39.1	44.6
97.5°	1.5	2.6	5.5	9.5	14.3	17.2	20.1	25.6	31.1	36.6	42.1
100°	2.2	2.9	5.5	9.1	13.5	16.1	18.7	23.8	29.3	34.7	39.9
102.5°	2.9	3.7	5.9	9.1	13.2	15.4	17.9	22.7	27.4	32.6	37.7
105°	4.0	4.4	6.2	9.1	12.8	15.0	17.2	21.6	26.0	31.1	35.5
107.5°	4.8	5.1	6.6	9.5	12.8	14.6	16.8	20.5	24.9	29.3	34.0
110°	5.5	5.5	7.3	9.9	12.8	14.3	16.5	20.1	24.1	28.2	32.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	6.6	6.6	7.7	10.2	12.8	14.3	16.1	19.4	23.0	27.1	30.7
115°	7.7	7.3	8.4	10.6	13.2	14.3	16.1	19.0	22.3	26.0	29.6
117.5°	8.4	8.0	9.1	11.0	13.2	14.6	16.1	19.0	21.9	25.2	28.5
120°	9.5	8.8	9.5	11.3	13.5	14.6	16.1	18.7	21.6	24.5	27.4
122.5°	10.2	9.9	10.2	12.1	13.9	14.6	16.1	18.3	21.2	23.8	26.7
125°	11.3	10.6	11.0	12.4	14.3	15.0	16.5	18.3	20.8	23.4	26.0
127.5°	12.4	11.3	11.3	12.8	14.3	15.4	16.5	18.3	20.5	22.7	25.2
130°	13.2	12.4	12.1	13.5	14.6	15.4	16.5	18.3	20.1	22.3	24.5
132.5°	14.3	13.2	12.8	13.9	15.0	15.7	16.8	18.3	20.1	21.9	24.1
135°	15.0	13.9	13.5	14.3	15.4	16.1	16.8	18.3	20.1	21.6	23.4
137.5°	15.4	14.6	14.3	14.6	15.7	16.5	17.2	18.3	19.8	21.2	23.0
140°	16.1	15.4	15.0	15.4	16.1	16.5	17.2	18.3	19.8	20.8	22.7
142.5°	16.1	16.1	15.4	15.7	16.1	16.8	17.6	18.3	19.4	20.8	21.9
145°	16.5	16.5	16.1	16.5	16.5	16.8	17.6	18.3	19.4	20.5	21.6
147.5°	16.8	16.8	16.8	16.8	16.8	17.2	17.6	18.3	19.4	20.1	21.2
150°	16.8	16.8	17.2	17.2	17.6	17.6	17.9	18.3	19.4	20.1	20.8
152.5°	16.8	16.5	17.2	17.6	17.9	17.9	17.9	18.3	19.0	19.8	20.5
155°	16.5	16.1	16.8	17.2	17.6	17.9	18.3	18.3	19.0	19.4	20.1
157.5°	16.1	15.7	16.5	16.8	17.2	17.6	17.9	17.9	18.3	19.0	19.8
160°	15.7	15.4	15.7	16.5	16.8	17.2	17.6	17.6	17.9	18.3	19.0
162.5°	15.0	14.6	15.0	15.7	16.1	16.5	16.8	17.2	17.6	17.9	18.3
165°	13.9	13.9	13.9	14.6	15.4	15.7	16.1	16.5	16.8	17.2	17.6
167.5°	13.2	12.8	13.2	13.5	14.3	14.6	15.0	15.4	15.7	16.1	16.5
170°	13.2	12.8	12.8	13.2	13.5	13.5	13.9	14.3	14.6	15.0	15.4
172.5°	13.5	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.5	13.5
175°	13.5	13.5	13.2	13.2	12.8	12.8	12.8	12.8	12.4	12.1	12.1
177.5°	13.5	13.5	13.5	13.2	13.2	12.8	12.8	12.8	12.4	12.1	11.3
180°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5	208.5
2.5°	208.1	208.1	206.7	208.1	208.5	207.8	207.4	208.1	207.0	206.3
5°	207.4	207.4	206.3	207.8	208.1	207.4	207.4	208.1	207.0	206.7
7.5°	205.9	206.3	205.6	207.0	207.4	206.7	206.7	207.4	206.7	205.9
10°	204.5	204.5	204.1	205.2	205.2	204.8	204.5	205.2	204.8	203.7
12.5°	202.3	202.6	201.9	203.4	203.7	203.0	203.0	203.7	203.0	202.3
15°	199.7	199.7	199.7	200.8	201.2	200.8	200.8	201.5	200.8	200.1
17.5°	196.4	196.8	196.8	198.3	198.6	197.9	197.9	199.0	198.6	197.5
20°	192.4	192.8	193.1	194.2	194.6	194.2	194.2	195.0	195.0	193.9
22.5°	188.4	188.4	189.1	190.2	190.6	190.2	190.2	191.3	191.3	189.8
25°	183.6	183.6	184.7	186.2	186.2	185.8	186.2	186.9	187.3	186.2
27.5°	178.9	179.2	180.3	181.8	181.8	181.8	181.8	182.9	182.9	182.2
30°	173.4	174.1	175.2	176.7	177.0	177.0	177.4	178.1	178.9	177.8
32.5°	167.9	168.6	170.1	171.9	172.3	172.7	173.0	174.5	175.2	174.1
35°	162.4	163.1	165.3	167.5	167.9	168.3	169.0	170.5	171.2	170.1
37.5°	156.9	158.0	160.9	162.8	163.5	163.9	165.0	166.1	167.5	166.1
40°	151.8	152.9	156.2	158.4	158.8	159.5	160.6	162.0	163.1	162.0
42.5°	146.3	147.8	151.1	153.6	154.4	155.1	156.2	157.7	159.1	158.4
45°	140.8	142.7	146.3	148.9	149.6	150.7	152.2	153.6	155.1	154.0
47.5°	135.3	137.5	141.6	144.1	144.9	146.3	147.8	149.2	150.7	150.0
50°	129.9	132.0	136.4	139.4	140.5	141.9	143.0	144.9	146.3	145.6
52.5°	124.7	126.9	131.7	134.6	135.7	137.2	138.6	140.5	141.9	141.2
55°	118.9	121.4	126.6	129.5	130.6	132.4	134.2	135.7	137.5	136.8
57.5°	113.8	116.7	121.8	125.1	126.2	128.0	129.9	131.7	133.5	132.4
60°	108.6	111.6	117.1	120.3	121.4	123.6	125.5	126.9	129.1	128.4
62.5°	103.5	106.8	111.9	115.6	117.1	118.9	120.7	122.5	124.4	124.0
65°	98.0	101.7	107.2	110.8	112.3	114.5	116.3	118.1	120.0	119.6
67.5°	93.6	97.3	102.8	106.4	107.9	110.1	112.3	114.1	116.0	115.6
70°	88.5	92.5	98.0	101.7	103.2	105.3	107.5	109.4	111.2	111.2
72.5°	84.1	88.2	93.6	97.3	99.1	101.3	103.5	105.3	107.2	106.8
75°	79.7	83.8	89.3	92.9	94.7	97.3	99.5	101.3	103.2	102.8
77.5°	75.0	79.4	84.9	88.5	90.3	92.9	95.1	96.9	98.8	98.4
80°	70.6	75.4	80.8	84.5	86.3	88.5	91.1	92.9	94.7	94.4
82.5°	66.6	71.3	77.2	80.8	82.7	84.9	87.4	89.3	90.7	90.7
85°	62.9	67.3	72.8	76.8	78.6	80.8	83.4	85.2	87.1	86.7
87.5°	59.3	63.6	68.8	72.8	74.6	76.8	79.7	81.6	83.0	83.0
90°	56.0	60.4	65.5	69.1	71.0	73.2	75.7	77.9	79.4	79.4
92.5°	53.0	57.1	62.2	65.5	67.3	69.5	72.4	73.9	75.4	75.4
95°	50.1	54.1	58.9	62.2	64.0	66.2	68.8	70.6	71.7	72.1
97.5°	47.2	51.2	56.0	58.9	60.7	62.9	65.5	66.9	68.0	68.4
100°	44.6	48.6	53.0	56.0	57.8	60.0	62.2	63.6	64.7	65.1
102.5°	42.4	46.1	50.5	53.4	54.9	56.7	59.3	60.7	61.8	61.8
105°	40.2	43.9	47.9	50.8	52.3	54.1	56.3	57.8	58.9	58.9
107.5°	38.0	41.7	45.4	48.3	49.7	51.2	53.4	54.9	56.0	56.0
110°	36.2	39.5	43.2	45.7	47.2	48.6	50.8	52.3	53.0	53.4



TEST NUMBER: P893122

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	34.7	37.7	41.0	43.5	45.0	46.5	48.3	49.7	50.5	50.8
115°	33.3	35.8	39.1	41.3	42.8	44.3	46.1	47.2	47.9	48.3
117.5°	31.8	34.4	37.3	39.5	40.6	42.1	43.9	45.0	45.7	46.1
120°	30.7	32.9	35.8	37.7	38.8	40.2	41.7	42.8	43.5	43.5
122.5°	29.3	31.8	34.0	35.8	36.9	38.0	39.9	40.6	41.3	41.3
125°	28.5	30.4	32.9	34.4	35.5	36.6	38.0	38.8	39.5	39.5
127.5°	27.4	29.3	31.5	32.9	33.7	34.7	36.2	36.9	37.3	37.7
130°	26.7	28.5	30.4	31.8	32.6	33.3	34.7	35.1	35.8	35.8
132.5°	26.0	27.4	29.3	30.4	31.1	31.8	32.9	33.7	34.0	34.4
135°	25.2	26.7	28.2	29.3	30.0	30.7	31.8	32.2	32.6	32.9
137.5°	24.5	26.0	27.1	28.2	28.5	29.3	30.4	30.7	31.1	31.1
140°	23.8	25.2	26.3	27.1	27.8	28.2	29.3	29.6	29.6	30.0
142.5°	23.4	24.5	25.2	26.0	26.7	27.1	27.8	28.2	28.5	28.5
145°	22.7	23.8	24.5	25.2	25.6	26.0	26.7	27.1	27.4	27.4
147.5°	22.3	23.0	23.8	24.5	24.9	25.2	26.0	26.0	26.3	26.3
150°	21.6	22.7	23.0	23.8	24.1	24.1	24.9	25.2	25.2	25.2
152.5°	21.2	21.9	22.3	22.7	23.0	23.4	23.8	24.1	24.1	24.1
155°	20.8	21.6	21.9	22.3	22.3	22.7	23.0	23.0	23.0	23.4
157.5°	20.5	20.8	21.2	21.6	21.6	21.9	22.3	22.3	22.3	22.3
160°	19.8	20.1	20.5	20.8	21.2	21.2	21.6	21.6	21.6	21.6
162.5°	18.7	19.4	19.8	20.1	20.5	20.5	20.8	20.8	20.8	20.8
165°	17.9	18.3	18.7	19.4	19.8	19.8	20.1	20.1	20.1	20.1
167.5°	17.2	17.2	17.6	17.9	18.7	19.0	19.4	19.8	19.8	19.8
170°	15.7	15.7	16.1	16.1	16.8	17.2	17.9	18.7	19.0	19.0
172.5°	13.9	13.9	14.3	13.9	14.3	14.3	14.6	15.4	16.1	16.5
175°	12.1	12.1	11.3	11.0	11.0	10.6	10.6	10.2	9.5	10.2
177.5°	10.6	10.2	9.5	8.8	8.8	8.4	8.4	7.7	6.9	6.9
180°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6



TEST NUMBER: P893122
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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	10.69	12.00	11.33	12.67	13.44	14.07	15.38	14.72	16.05	16.82
	3H	12.01	13.21	12.67	13.88	14.69	16.89	18.09	17.55	18.76	19.57
	4H	12.41	13.54	13.08	14.23	15.05	18.31	19.44	18.98	20.13	20.95
	6H	12.62	13.68	13.30	14.37	15.20	19.79	20.85	20.48	21.55	22.38
	8H	12.65	13.67	13.35	14.38	15.22	20.55	21.56	21.24	22.28	23.12
	12H	12.65	13.63	13.36	14.34	15.20	21.34	22.31	22.04	23.03	23.89
4H	2H	11.81	12.95	12.49	13.64	14.45	14.41	15.55	15.09	16.24	17.05
	3H	13.42	14.40	14.11	15.12	15.95	17.47	18.44	18.15	19.16	20.00
	4H	13.98	14.88	14.68	15.60	16.47	19.06	19.96	19.77	20.69	21.55
	6H	14.32	15.12	15.04	15.87	16.74	20.76	21.55	21.48	22.31	23.18
	8H	14.39	15.14	15.12	15.89	16.78	21.64	22.38	22.36	23.13	24.02
	12H	14.42	15.10	15.17	15.88	16.77	22.57	23.25	23.32	24.02	24.91
8H	4H	15.02	15.77	15.75	16.52	17.41	19.24	19.99	19.97	20.74	21.62
	6H	15.63	16.27	16.39	17.06	17.95	21.12	21.76	21.88	22.55	23.44
	8H	15.83	16.41	16.60	17.20	18.10	22.15	22.73	22.92	23.52	24.42
	12H	15.95	16.47	16.72	17.25	18.20	23.29	23.80	24.06	24.58	25.54
12H	4H	15.35	16.04	16.10	16.81	17.70	19.24	19.92	19.98	20.69	21.58
	6H	16.13	16.71	16.90	17.50	18.40	21.16	21.73	21.92	22.52	23.42
	8H	16.46	16.98	17.23	17.76	18.71	22.25	22.77	23.02	23.55	24.51