

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: P893123

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893123
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-4000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 40
CCT, LOW lumen setting
Light Source: -
Ballast/Driver: -

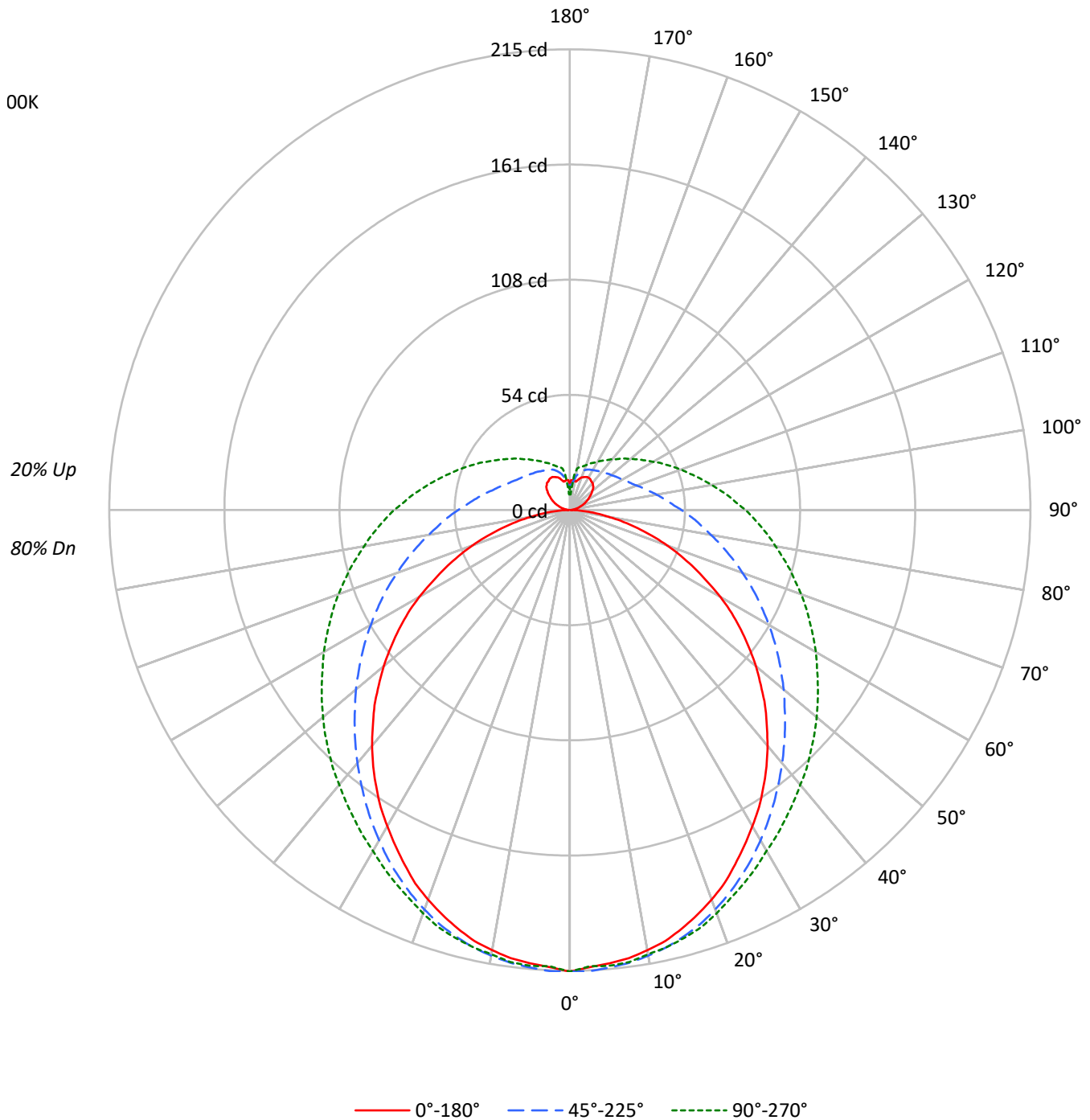
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 905.0 lumens
Efficiency: N/A
Efficacy: 131.2 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

TEST NUMBER: P893123
CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P893123

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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°	3081	3081	3081
5°	3022	2958	2926
10°	2975	2837	2788
15°	2912	2715	2669
20°	2837	2586	2542
25°	2746	2453	2418
30°	2653	2321	2305
35°	2563	2194	2218
40°	2464	2075	2142
45°	2359	1967	2079
50°	2242	1872	2025
55°	2114	1784	1977
60°	1965	1706	1946
65°	1773	1639	1924
70°	1570	1582	1918
75°	1306	1542	1928
80°	975	1523	1956
85°	589	1550	2025

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2359 cd/sqm



TEST NUMBER: P893123

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.4	2.3
10°-20°	58.1	6.4
20°-30°	87.2	9.6
30°-40°	104.8	11.6
40°-50°	111.0	12.3
50°-60°	106.9	11.8
60°-70°	94.4	10.4
70°-80°	77.3	8.5
80°-90°	60.0	6.6
90°-100°	46.5	5.1
100°-110°	36.9	4.1
110°-120°	29.5	3.3
120°-130°	23.6	2.6
130°-140°	18.6	2.1
140°-150°	14.0	1.6
150°-160°	9.6	1.1
160°-170°	5.1	0.6
170°-180°	1.3	0.1
0°-30°	165.7	18.3
0°-40°	270.4	29.9
0°-60°	488.3	54.0
0°-90°	720.0	79.6
90°-120°	112.8	12.5
90°-150°	169.0	18.7
90°-180°	185.0	20.4
0°-180°	905.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	215	215	215	215	215	
5°	212	215	214	215	214	20
15°	202	206	206	208	207	57
25°	182	187	189	192	192	84
35°	158	162	166	174	176	99
45°	129	134	142	155	159	99
55°	98	103	119	135	141	87
65°	64	74	96	116	124	64
75°	33	48	76	98	106	35
85°	8	30	59	81	90	9
90°	0	23	52	73	82	1
95°	1	19	46	66	74	1
105°	4	16	37	54	61	4
115°	8	15	31	44	50	8
125°	12	16	27	37	41	10
135°	16	17	24	31	34	12
145°	17	17	22	26	28	11
155°	17	18	21	23	24	8
165°	14	16	18	20	21	4
175°	14	13	12	11	11	1
180°	11	11	11	11	11	



TEST NUMBER: P893123

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4
2.5°	213.5	214.6	215.0	214.6	214.6	215.4	215.4	216.9	217.3	215.0	215.4
5°	212.4	213.5	214.3	213.9	213.9	214.6	214.3	215.8	216.2	214.3	214.3
7.5°	210.9	212.0	212.8	212.4	212.4	213.1	212.8	214.3	214.6	213.1	213.1
10°	208.6	210.1	210.9	210.1	210.5	211.2	210.9	212.4	212.8	211.2	211.2
12.5°	206.0	207.5	208.2	207.8	208.2	208.6	208.2	210.1	210.5	209.0	209.0
15°	202.2	204.1	204.4	204.1	204.4	205.6	204.8	206.3	207.5	206.0	206.0
17.5°	198.0	199.9	200.7	200.3	201.0	201.8	201.0	202.9	203.7	202.2	202.6
20°	193.5	195.4	196.1	195.7	196.5	197.3	196.5	198.4	199.2	198.0	198.4
22.5°	188.6	190.5	191.2	190.8	191.6	192.3	191.6	193.5	194.6	193.5	193.9
25°	182.5	184.8	185.5	185.2	185.9	187.1	185.9	188.2	189.3	188.6	188.9
27.5°	176.5	178.4	179.9	179.1	180.3	181.4	180.6	182.1	183.7	183.3	183.7
30°	170.4	172.3	173.8	173.1	174.2	175.3	174.2	176.1	177.6	177.6	178.0
32.5°	164.4	165.9	167.0	166.7	167.4	168.9	168.2	170.1	171.6	171.6	172.3
35°	157.6	159.1	160.2	159.8	161.0	162.1	161.4	163.3	165.1	165.5	166.3
37.5°	150.8	152.3	153.4	153.0	153.8	155.3	154.6	156.8	158.3	159.1	160.2
40°	143.6	145.1	146.2	145.9	147.0	148.1	147.8	149.6	151.5	152.7	154.2
42.5°	136.0	137.6	138.7	138.7	139.8	141.3	140.6	142.8	144.7	146.2	148.1
45°	128.9	130.0	131.1	131.1	132.6	133.8	133.4	135.7	137.9	139.8	142.1
47.5°	120.9	122.4	123.2	123.6	125.1	126.2	126.2	128.5	131.1	133.8	136.0
50°	113.4	114.5	115.6	115.6	117.5	118.7	118.7	121.3	124.7	127.7	130.4
52.5°	105.4	106.6	107.7	108.1	109.6	111.1	111.1	114.1	117.9	121.3	124.3
55°	97.5	98.6	99.4	100.1	102.0	103.2	103.9	107.3	111.5	114.9	118.7
57.5°	89.6	90.3	91.5	92.2	94.5	96.0	97.1	100.9	105.1	109.2	113.0
60°	81.2	82.4	83.1	84.3	86.5	88.8	89.9	94.1	98.6	103.2	107.3
62.5°	72.2	73.3	74.4	76.0	79.4	81.2	83.1	87.7	92.2	97.1	101.7
65°	64.2	65.0	66.1	67.6	71.4	73.7	76.0	80.9	86.2	91.5	96.4
67.5°	56.3	57.1	58.6	60.5	64.6	66.9	69.2	74.4	80.5	86.2	91.1
70°	48.4	48.7	50.6	53.3	57.8	60.1	62.7	68.0	74.1	80.5	85.8
72.5°	40.4	41.2	43.1	46.1	51.4	54.0	56.7	62.7	68.8	74.8	80.9
75°	32.9	33.3	35.9	39.7	45.3	48.4	51.4	57.4	63.9	70.3	76.0
77.5°	25.7	26.1	29.5	33.6	39.7	43.1	46.1	52.1	59.0	65.4	71.4
80°	18.9	19.7	23.1	28.3	34.4	37.8	41.6	48.0	54.4	61.2	66.9
82.5°	12.8	14.0	17.8	23.4	29.9	33.6	37.0	43.5	50.3	57.1	62.7
85°	7.9	9.1	13.6	19.3	26.1	29.5	32.9	39.7	46.5	52.9	59.3
87.5°	3.4	5.7	10.2	15.9	22.7	26.1	29.9	36.3	42.7	49.5	55.6
90°	0.4	3.4	7.9	13.6	20.0	23.4	26.8	33.3	39.7	46.1	52.1
92.5°	0.4	2.3	6.4	11.7	17.8	21.2	24.2	30.6	36.7	43.1	48.7
95°	1.1	2.3	5.7	10.6	16.2	19.3	22.3	28.3	34.4	40.4	46.1
97.5°	1.5	2.6	5.7	9.8	14.7	17.8	20.8	26.5	32.1	37.8	43.5
100°	2.3	3.0	5.7	9.4	14.0	16.6	19.3	24.6	30.2	35.9	41.2
102.5°	3.0	3.8	6.0	9.4	13.6	15.9	18.5	23.4	28.3	33.6	38.9
105°	4.2	4.5	6.4	9.4	13.2	15.5	17.8	22.3	26.8	32.1	36.7
107.5°	4.9	5.3	6.8	9.8	13.2	15.1	17.4	21.2	25.7	30.2	35.1
110°	5.7	5.7	7.6	10.2	13.2	14.7	17.0	20.8	24.9	29.1	33.3



TEST NUMBER: P893123

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	6.8	6.8	7.9	10.6	13.2	14.7	16.6	20.0	23.8	28.0	31.7
115°	7.9	7.6	8.7	11.0	13.6	14.7	16.6	19.7	23.1	26.8	30.6
117.5°	8.7	8.3	9.4	11.3	13.6	15.1	16.6	19.7	22.7	26.1	29.5
120°	9.8	9.1	9.8	11.7	14.0	15.1	16.6	19.3	22.3	25.3	28.3
122.5°	10.6	10.2	10.6	12.5	14.4	15.1	16.6	18.9	21.9	24.6	27.6
125°	11.7	11.0	11.3	12.8	14.7	15.5	17.0	18.9	21.5	24.2	26.8
127.5°	12.8	11.7	11.7	13.2	14.7	15.9	17.0	18.9	21.2	23.4	26.1
130°	13.6	12.8	12.5	14.0	15.1	15.9	17.0	18.9	20.8	23.1	25.3
132.5°	14.7	13.6	13.2	14.4	15.5	16.2	17.4	18.9	20.8	22.7	24.9
135°	15.5	14.4	14.0	14.7	15.9	16.6	17.4	18.9	20.8	22.3	24.2
137.5°	15.9	15.1	14.7	15.1	16.2	17.0	17.8	18.9	20.4	21.9	23.8
140°	16.6	15.9	15.5	15.9	16.6	17.0	17.8	18.9	20.4	21.5	23.4
142.5°	16.6	16.6	15.9	16.2	16.6	17.4	18.1	18.9	20.0	21.5	22.7
145°	17.0	17.0	16.6	17.0	17.0	17.4	18.1	18.9	20.0	21.2	22.3
147.5°	17.4	17.4	17.4	17.4	17.4	17.8	18.1	18.9	20.0	20.8	21.9
150°	17.4	17.4	17.8	17.8	18.1	18.1	18.5	18.9	20.0	20.8	21.5
152.5°	17.4	17.0	17.8	18.1	18.5	18.5	18.5	18.9	19.7	20.4	21.2
155°	17.0	16.6	17.4	17.8	18.1	18.5	18.9	18.9	19.7	20.0	20.8
157.5°	16.6	16.2	17.0	17.4	17.8	18.1	18.5	18.5	18.9	19.7	20.4
160°	16.2	15.9	16.2	17.0	17.4	17.8	18.1	18.1	18.5	18.9	19.7
162.5°	15.5	15.1	15.5	16.2	16.6	17.0	17.4	17.8	18.1	18.5	18.9
165°	14.4	14.4	14.4	15.1	15.9	16.2	16.6	17.0	17.4	17.8	18.1
167.5°	13.6	13.2	13.6	14.0	14.7	15.1	15.5	15.9	16.2	16.6	17.0
170°	13.6	13.2	13.2	13.6	14.0	14.0	14.4	14.7	15.1	15.5	15.9
172.5°	14.0	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.0	14.0
175°	14.0	14.0	13.6	13.6	13.2	13.2	13.2	13.2	12.8	12.5	12.5
177.5°	14.0	14.0	14.0	13.6	13.6	13.2	13.2	13.2	12.8	12.5	11.7
180°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0



TEST NUMBER: P893123

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4	215.4
2.5°	215.0	215.0	213.5	215.0	215.4	214.6	214.3	215.0	213.9	213.1
5°	214.3	214.3	213.1	214.6	215.0	214.3	214.3	215.0	213.9	213.5
7.5°	212.8	213.1	212.4	213.9	214.3	213.5	213.5	214.3	213.5	212.8
10°	211.2	211.2	210.9	212.0	212.0	211.6	211.2	212.0	211.6	210.5
12.5°	209.0	209.4	208.6	210.1	210.5	209.7	209.7	210.5	209.7	209.0
15°	206.3	206.3	206.3	207.5	207.8	207.5	207.5	208.2	207.5	206.7
17.5°	202.9	203.3	203.3	204.8	205.2	204.4	204.4	205.6	205.2	204.1
20°	198.8	199.2	199.5	200.7	201.0	200.7	200.7	201.4	201.4	200.3
22.5°	194.6	194.6	195.4	196.5	196.9	196.5	196.5	197.6	197.6	196.1
25°	189.7	189.7	190.8	192.3	192.3	192.0	192.3	193.1	193.5	192.3
27.5°	184.8	185.2	186.3	187.8	187.8	187.8	187.8	188.9	188.9	188.2
30°	179.1	179.9	181.0	182.5	182.9	182.9	183.3	184.0	184.8	183.7
32.5°	173.5	174.2	175.7	177.6	178.0	178.4	178.7	180.3	181.0	179.9
35°	167.8	168.5	170.8	173.1	173.5	173.8	174.6	176.1	176.9	175.7
37.5°	162.1	163.3	166.3	168.2	168.9	169.3	170.4	171.6	173.1	171.6
40°	156.8	158.0	161.4	163.6	164.0	164.8	165.9	167.4	168.5	167.4
42.5°	151.2	152.7	156.1	158.7	159.5	160.2	161.4	162.9	164.4	163.6
45°	145.5	147.4	151.2	153.8	154.6	155.7	157.2	158.7	160.2	159.1
47.5°	139.8	142.1	146.2	148.9	149.6	151.2	152.7	154.2	155.7	154.9
50°	134.2	136.4	141.0	144.0	145.1	146.6	147.8	149.6	151.2	150.4
52.5°	128.9	131.1	136.0	139.1	140.2	141.7	143.2	145.1	146.6	145.9
55°	122.8	125.5	130.8	133.8	134.9	136.8	138.7	140.2	142.1	141.3
57.5°	117.5	120.5	125.8	129.2	130.4	132.3	134.2	136.0	137.9	136.8
60°	112.2	115.3	120.9	124.3	125.5	127.7	129.6	131.1	133.4	132.6
62.5°	106.9	110.3	115.6	119.4	120.9	122.8	124.7	126.6	128.5	128.1
65°	101.3	105.1	110.7	114.5	116.0	118.3	120.2	122.1	123.9	123.6
67.5°	96.7	100.5	106.2	110.0	111.5	113.7	116.0	117.9	119.8	119.4
70°	91.5	95.6	101.3	105.1	106.6	108.8	111.1	113.0	114.9	114.9
72.5°	86.9	91.1	96.7	100.5	102.4	104.7	106.9	108.8	110.7	110.3
75°	82.4	86.5	92.2	96.0	97.9	100.5	102.8	104.7	106.6	106.2
77.5°	77.5	82.0	87.7	91.5	93.3	96.0	98.3	100.1	102.0	101.7
80°	72.9	77.8	83.5	87.3	89.2	91.5	94.1	96.0	97.9	97.5
82.5°	68.8	73.7	79.7	83.5	85.4	87.7	90.3	92.2	93.7	93.7
85°	65.0	69.5	75.2	79.4	81.2	83.5	86.2	88.0	89.9	89.6
87.5°	61.2	65.8	71.0	75.2	77.1	79.4	82.4	84.3	85.8	85.8
90°	57.8	62.4	67.6	71.4	73.3	75.6	78.2	80.5	82.0	82.0
92.5°	54.8	59.0	64.2	67.6	69.5	71.8	74.8	76.3	77.8	77.8
95°	51.8	55.9	60.8	64.2	66.1	68.4	71.0	72.9	74.1	74.4
97.5°	48.7	52.9	57.8	60.8	62.7	65.0	67.6	69.2	70.3	70.7
100°	46.1	50.3	54.8	57.8	59.7	62.0	64.2	65.8	66.9	67.3
102.5°	43.8	47.6	52.1	55.2	56.7	58.6	61.2	62.7	63.9	63.9
105°	41.6	45.3	49.5	52.5	54.0	55.9	58.2	59.7	60.8	60.8
107.5°	39.3	43.1	46.9	49.9	51.4	52.9	55.2	56.7	57.8	57.8
110°	37.4	40.8	44.6	47.2	48.7	50.3	52.5	54.0	54.8	55.2



TEST NUMBER: P893123

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	35.9	38.9	42.3	45.0	46.5	48.0	49.9	51.4	52.1	52.5
115°	34.4	37.0	40.4	42.7	44.2	45.7	47.6	48.7	49.5	49.9
117.5°	32.9	35.5	38.5	40.8	41.9	43.5	45.3	46.5	47.2	47.6
120°	31.7	34.0	37.0	38.9	40.1	41.6	43.1	44.2	45.0	45.0
122.5°	30.2	32.9	35.1	37.0	38.2	39.3	41.2	41.9	42.7	42.7
125°	29.5	31.4	34.0	35.5	36.7	37.8	39.3	40.1	40.8	40.8
127.5°	28.3	30.2	32.5	34.0	34.8	35.9	37.4	38.2	38.5	38.9
130°	27.6	29.5	31.4	32.9	33.6	34.4	35.9	36.3	37.0	37.0
132.5°	26.8	28.3	30.2	31.4	32.1	32.9	34.0	34.8	35.1	35.5
135°	26.1	27.6	29.1	30.2	31.0	31.7	32.9	33.3	33.6	34.0
137.5°	25.3	26.8	28.0	29.1	29.5	30.2	31.4	31.7	32.1	32.1
140°	24.6	26.1	27.2	28.0	28.7	29.1	30.2	30.6	30.6	31.0
142.5°	24.2	25.3	26.1	26.8	27.6	28.0	28.7	29.1	29.5	29.5
145°	23.4	24.6	25.3	26.1	26.5	26.8	27.6	28.0	28.3	28.3
147.5°	23.1	23.8	24.6	25.3	25.7	26.1	26.8	26.8	27.2	27.2
150°	22.3	23.4	23.8	24.6	24.9	24.9	25.7	26.1	26.1	26.1
152.5°	21.9	22.7	23.1	23.4	23.8	24.2	24.6	24.9	24.9	24.9
155°	21.5	22.3	22.7	23.1	23.1	23.4	23.8	23.8	23.8	24.2
157.5°	21.2	21.5	21.9	22.3	22.3	22.7	23.1	23.1	23.1	23.1
160°	20.4	20.8	21.2	21.5	21.9	21.9	22.3	22.3	22.3	22.3
162.5°	19.3	20.0	20.4	20.8	21.2	21.2	21.5	21.5	21.5	21.5
165°	18.5	18.9	19.3	20.0	20.4	20.4	20.8	20.8	20.8	20.8
167.5°	17.8	17.8	18.1	18.5	19.3	19.7	20.0	20.4	20.4	20.4
170°	16.2	16.2	16.6	16.6	17.4	17.8	18.5	19.3	19.7	19.7
172.5°	14.4	14.4	14.7	14.4	14.7	14.7	15.1	15.9	16.6	17.0
175°	12.5	12.5	11.7	11.3	11.3	11.0	11.0	10.6	9.8	10.6
177.5°	11.0	10.6	9.8	9.1	9.1	8.7	8.7	7.9	7.2	7.2
180°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0



TEST NUMBER: P893123
 CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-LOW-4000K

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	10.80	12.11	11.45	12.78	13.55	14.19	15.50	14.83	16.17	16.94
	3H	12.13	13.32	12.78	14.00	14.80	17.00	18.20	17.66	18.88	19.68
	4H	12.52	13.66	13.20	14.35	15.16	18.42	19.56	19.10	20.25	21.06
	6H	12.73	13.79	13.42	14.49	15.32	19.91	20.97	20.59	21.66	22.50
	8H	12.77	13.78	13.46	14.50	15.34	20.66	21.68	21.36	22.40	23.23
	12H	12.77	13.74	13.48	14.46	15.32	21.45	22.43	22.16	23.14	24.00
4H	2H	11.93	13.07	12.60	13.75	14.57	14.53	15.66	15.20	16.35	17.17
	3H	13.53	14.51	14.22	15.23	16.07	17.58	18.56	18.27	19.28	20.11
	4H	14.09	14.99	14.80	15.72	16.58	19.17	20.07	19.88	20.80	21.66
	6H	14.44	15.23	15.16	15.98	16.85	20.87	21.67	21.60	22.42	23.29
	8H	14.51	15.26	15.24	16.01	16.89	21.75	22.50	22.48	23.25	24.13
	12H	14.54	15.22	15.29	15.99	16.88	22.68	23.36	23.43	24.14	25.03
8H	4H	15.14	15.89	15.87	16.64	17.52	19.35	20.10	20.08	20.85	21.74
	6H	15.75	16.39	16.51	17.18	18.06	21.24	21.88	21.99	22.66	23.55
	8H	15.95	16.53	16.72	17.31	18.22	22.27	22.84	23.03	23.63	24.53
	12H	16.07	16.58	16.84	17.36	18.32	23.40	23.92	24.17	24.70	25.65
12H	4H	15.47	16.15	16.22	16.92	17.81	19.35	20.03	20.10	20.80	21.69
	6H	16.25	16.82	17.01	17.61	18.51	21.27	21.85	22.04	22.64	23.54
	8H	16.58	17.09	17.35	17.87	18.83	22.36	22.88	23.14	23.66	24.62