

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: P893131

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC93-LOW-3500K

Issue Date: 11/11/2024

**Test Information**

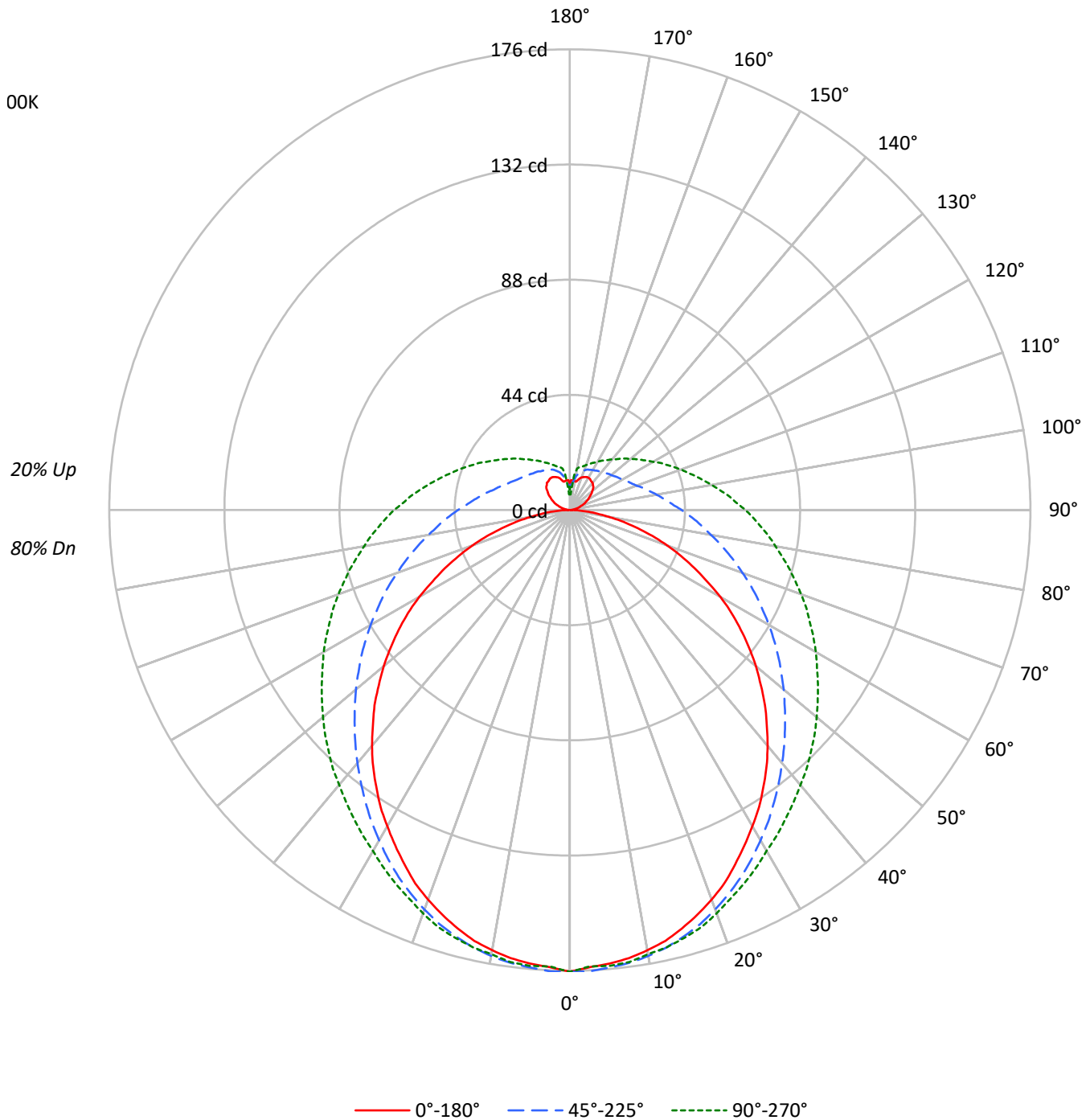
Test Method: LM-79-2019  
Report Number: P893131  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-SC3-RNDU-UNV-CC93-LOW-3500K  
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 35  
CCT, LOW lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 741.0 lumens  
Efficiency: N/A  
Efficacy: 107.4 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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CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-LOW-3500K

### 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°	2523	2523	2523
5°	2474	2421	2395
10°	2436	2324	2282
15°	2384	2222	2185
20°	2322	2116	2082
25°	2248	2009	1980
30°	2172	1900	1887
35°	2098	1796	1816
40°	2018	1698	1754
45°	1931	1609	1703
50°	1835	1532	1657
55°	1730	1461	1619
60°	1609	1397	1594
65°	1453	1342	1575
70°	1285	1294	1571
75°	1067	1262	1577
80°	800	1247	1601
85°	484	1270	1657

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1931 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	16.7	2.2
10°-20°	47.6	6.4
20°-30°	71.4	9.6
30°-40°	85.8	11.6
40°-50°	90.9	12.3
50°-60°	87.5	11.8
60°-70°	77.3	10.4
70°-80°	63.3	8.5
80°-90°	49.1	6.6
90°-100°	38.0	5.1
100°-110°	30.2	4.1
110°-120°	24.1	3.3
120°-130°	19.3	2.6
130°-140°	15.2	2.1
140°-150°	11.5	1.6
150°-160°	7.9	1.1
160°-170°	4.2	0.6
170°-180°	1.1	0.1
0°-30°	135.6	18.3
0°-40°	221.4	29.9
0°-60°	399.8	54.0
0°-90°	589.5	79.6
90°-120°	92.3	12.5
90°-150°	138.4	18.7
90°-180°	151.0	20.4
0°-180°	741.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	176	176	176	176	176	
5°	174	176	175	176	175	17
15°	166	168	169	170	169	47
25°	149	153	155	158	158	69
35°	129	133	136	142	144	81
45°	106	110	116	127	130	81
55°	80	84	97	110	116	71
65°	53	60	79	95	101	52
75°	27	40	62	80	87	29
85°	6	24	49	66	73	7
90°	0	19	43	60	67	1
95°	1	16	38	54	61	1
105°	3	13	30	44	50	3
115°	6	12	25	36	41	6
125°	10	13	22	30	33	9
135°	13	14	20	25	28	10
145°	14	14	18	22	23	9
155°	14	15	17	19	20	6
165°	12	13	15	17	17	3
175°	11	11	10	9	9	1
180°	9	9	9	9	9	



TEST NUMBER: P893131

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-LOW-3500K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4
2.5°	174.8	175.7	176.1	175.7	175.7	176.4	176.4	177.6	177.9	176.1	176.4
5°	173.9	174.8	175.4	175.1	175.1	175.7	175.4	176.7	177.0	175.4	175.4
7.5°	172.7	173.6	174.2	173.9	173.9	174.5	174.2	175.4	175.7	174.5	174.5
10°	170.8	172.0	172.7	172.0	172.3	173.0	172.7	173.9	174.2	173.0	173.0
12.5°	168.6	169.9	170.5	170.2	170.5	170.8	170.5	172.0	172.3	171.1	171.1
15°	165.5	167.1	167.4	167.1	167.4	168.3	167.7	168.9	169.9	168.6	168.6
17.5°	162.1	163.7	164.3	164.0	164.6	165.2	164.6	166.2	166.8	165.5	165.8
20°	158.4	160.0	160.6	160.3	160.9	161.5	160.9	162.4	163.1	162.1	162.4
22.5°	154.4	155.9	156.6	156.3	156.9	157.5	156.9	158.4	159.3	158.4	158.7
25°	149.4	151.3	151.9	151.6	152.2	153.2	152.2	154.1	155.0	154.4	154.7
27.5°	144.5	146.0	147.3	146.7	147.6	148.5	147.9	149.1	150.4	150.1	150.4
30°	139.5	141.1	142.3	141.7	142.6	143.6	142.6	144.2	145.4	145.4	145.7
32.5°	134.6	135.8	136.8	136.5	137.1	138.3	137.7	139.2	140.5	140.5	141.1
35°	129.0	130.3	131.2	130.9	131.8	132.7	132.1	133.7	135.2	135.5	136.1
37.5°	123.5	124.7	125.6	125.3	125.9	127.2	126.6	128.4	129.6	130.3	131.2
40°	117.6	118.8	119.7	119.4	120.4	121.3	121.0	122.5	124.1	125.0	126.2
42.5°	111.4	112.6	113.6	113.6	114.5	115.7	115.1	117.0	118.5	119.7	121.3
45°	105.5	106.4	107.4	107.4	108.6	109.5	109.2	111.1	112.9	114.5	116.3
47.5°	99.0	100.3	100.9	101.2	102.4	103.3	103.3	105.2	107.4	109.5	111.4
50°	92.8	93.8	94.7	94.7	96.2	97.2	97.2	99.3	102.1	104.6	106.7
52.5°	86.3	87.3	88.2	88.5	89.7	91.0	91.0	93.4	96.5	99.3	101.8
55°	79.8	80.8	81.4	82.0	83.5	84.5	85.1	87.9	91.3	94.1	97.2
57.5°	73.3	73.9	74.9	75.5	77.4	78.6	79.5	82.6	86.0	89.4	92.5
60°	66.5	67.5	68.1	69.0	70.9	72.7	73.6	77.0	80.8	84.5	87.9
62.5°	59.1	60.0	61.0	62.2	65.0	66.5	68.1	71.8	75.5	79.5	83.2
65°	52.6	53.2	54.1	55.4	58.5	60.3	62.2	66.2	70.5	74.9	78.9
67.5°	46.1	46.7	48.0	49.5	52.9	54.8	56.6	61.0	65.9	70.5	74.6
70°	39.6	39.9	41.5	43.6	47.3	49.2	51.4	55.7	60.6	65.9	70.2
72.5°	33.1	33.7	35.3	37.7	42.1	44.2	46.4	51.4	56.3	61.3	66.2
75°	26.9	27.2	29.4	32.5	37.1	39.6	42.1	47.0	52.3	57.6	62.2
77.5°	21.0	21.3	24.1	27.5	32.5	35.3	37.7	42.7	48.3	53.5	58.5
80°	15.5	16.1	18.9	23.2	28.2	30.9	34.0	39.3	44.6	50.1	54.8
82.5°	10.5	11.4	14.5	19.2	24.4	27.5	30.3	35.6	41.2	46.7	51.4
85°	6.5	7.4	11.1	15.8	21.3	24.1	26.9	32.5	38.1	43.3	48.6
87.5°	2.8	4.6	8.4	13.0	18.6	21.3	24.4	29.7	35.0	40.5	45.5
90°	0.3	2.8	6.5	11.1	16.4	19.2	22.0	27.2	32.5	37.7	42.7
92.5°	0.3	1.9	5.3	9.6	14.5	17.3	19.8	25.1	30.0	35.3	39.9
95°	0.9	1.9	4.6	8.7	13.3	15.8	18.3	23.2	28.2	33.1	37.7
97.5°	1.2	2.2	4.6	8.0	12.1	14.5	17.0	21.7	26.3	30.9	35.6
100°	1.9	2.5	4.6	7.7	11.4	13.6	15.8	20.1	24.8	29.4	33.7
102.5°	2.5	3.1	5.0	7.7	11.1	13.0	15.2	19.2	23.2	27.5	31.9
105°	3.4	3.7	5.3	7.7	10.8	12.7	14.5	18.3	22.0	26.3	30.0
107.5°	4.0	4.3	5.6	8.0	10.8	12.4	14.2	17.3	21.0	24.8	28.8
110°	4.6	4.6	6.2	8.4	10.8	12.1	13.9	17.0	20.4	23.8	27.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	5.6	5.6	6.5	8.7	10.8	12.1	13.6	16.4	19.5	22.9	26.0
115°	6.5	6.2	7.1	9.0	11.1	12.1	13.6	16.1	18.9	22.0	25.1
117.5°	7.1	6.8	7.7	9.3	11.1	12.4	13.6	16.1	18.6	21.3	24.1
120°	8.0	7.4	8.0	9.6	11.4	12.4	13.6	15.8	18.3	20.7	23.2
122.5°	8.7	8.4	8.7	10.2	11.8	12.4	13.6	15.5	17.9	20.1	22.6
125°	9.6	9.0	9.3	10.5	12.1	12.7	13.9	15.5	17.6	19.8	22.0
127.5°	10.5	9.6	9.6	10.8	12.1	13.0	13.9	15.5	17.3	19.2	21.3
130°	11.1	10.5	10.2	11.4	12.4	13.0	13.9	15.5	17.0	18.9	20.7
132.5°	12.1	11.1	10.8	11.8	12.7	13.3	14.2	15.5	17.0	18.6	20.4
135°	12.7	11.8	11.4	12.1	13.0	13.6	14.2	15.5	17.0	18.3	19.8
137.5°	13.0	12.4	12.1	12.4	13.3	13.9	14.5	15.5	16.7	17.9	19.5
140°	13.6	13.0	12.7	13.0	13.6	13.9	14.5	15.5	16.7	17.6	19.2
142.5°	13.6	13.6	13.0	13.3	13.6	14.2	14.9	15.5	16.4	17.6	18.6
145°	13.9	13.9	13.6	13.9	13.9	14.2	14.9	15.5	16.4	17.3	18.3
147.5°	14.2	14.2	14.2	14.2	14.2	14.5	14.9	15.5	16.4	17.0	17.9
150°	14.2	14.2	14.5	14.5	14.9	14.9	15.2	15.5	16.4	17.0	17.6
152.5°	14.2	13.9	14.5	14.9	15.2	15.2	15.2	15.5	16.1	16.7	17.3
155°	13.9	13.6	14.2	14.5	14.9	15.2	15.5	15.5	16.1	16.4	17.0
157.5°	13.6	13.3	13.9	14.2	14.5	14.9	15.2	15.2	15.5	16.1	16.7
160°	13.3	13.0	13.3	13.9	14.2	14.5	14.9	14.9	15.2	15.5	16.1
162.5°	12.7	12.4	12.7	13.3	13.6	13.9	14.2	14.5	14.9	15.2	15.5
165°	11.8	11.8	11.8	12.4	13.0	13.3	13.6	13.9	14.2	14.5	14.9
167.5°	11.1	10.8	11.1	11.4	12.1	12.4	12.7	13.0	13.3	13.6	13.9
170°	11.1	10.8	10.8	11.1	11.4	11.4	11.8	12.1	12.4	12.7	13.0
172.5°	11.4	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.4	11.4
175°	11.4	11.4	11.1	11.1	10.8	10.8	10.8	10.8	10.5	10.2	10.2
177.5°	11.4	11.4	11.4	11.1	11.1	10.8	10.8	10.8	10.5	10.2	9.6
180°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4	176.4
2.5°	176.1	176.1	174.8	176.1	176.4	175.7	175.4	176.1	175.1	174.5
5°	175.4	175.4	174.5	175.7	176.1	175.4	175.4	176.1	175.1	174.8
7.5°	174.2	174.5	173.9	175.1	175.4	174.8	174.8	175.4	174.8	174.2
10°	173.0	173.0	172.7	173.6	173.6	173.3	173.0	173.6	173.3	172.3
12.5°	171.1	171.4	170.8	172.0	172.3	171.7	171.7	172.3	171.7	171.1
15°	168.9	168.9	168.9	169.9	170.2	169.9	169.9	170.5	169.9	169.2
17.5°	166.2	166.5	166.5	167.7	168.0	167.4	167.4	168.3	168.0	167.1
20°	162.8	163.1	163.4	164.3	164.6	164.3	164.3	164.9	164.9	164.0
22.5°	159.3	159.3	160.0	160.9	161.2	160.9	160.9	161.8	161.8	160.6
25°	155.3	155.3	156.3	157.5	157.5	157.2	157.5	158.1	158.4	157.5
27.5°	151.3	151.6	152.5	153.8	153.8	153.8	153.8	154.7	154.7	154.1
30°	146.7	147.3	148.2	149.4	149.8	149.8	150.1	150.7	151.3	150.4
32.5°	142.0	142.6	143.9	145.4	145.7	146.0	146.4	147.6	148.2	147.3
35°	137.4	138.0	139.9	141.7	142.0	142.3	142.9	144.2	144.8	143.9
37.5°	132.7	133.7	136.1	137.7	138.3	138.6	139.5	140.5	141.7	140.5
40°	128.4	129.3	132.1	134.0	134.3	134.9	135.8	137.1	138.0	137.1
42.5°	123.8	125.0	127.8	130.0	130.6	131.2	132.1	133.4	134.6	134.0
45°	119.1	120.7	123.8	125.9	126.6	127.5	128.7	130.0	131.2	130.3
47.5°	114.5	116.3	119.7	121.9	122.5	123.8	125.0	126.2	127.5	126.9
50°	109.8	111.7	115.4	117.9	118.8	120.1	121.0	122.5	123.8	123.1
52.5°	105.5	107.4	111.4	113.9	114.8	116.0	117.3	118.8	120.1	119.4
55°	100.6	102.7	107.1	109.5	110.5	112.0	113.6	114.8	116.3	115.7
57.5°	96.2	98.7	103.0	105.8	106.7	108.3	109.8	111.4	112.9	112.0
60°	91.9	94.4	99.0	101.8	102.7	104.6	106.1	107.4	109.2	108.6
62.5°	87.6	90.3	94.7	97.8	99.0	100.6	102.1	103.7	105.2	104.9
65°	82.9	86.0	90.7	93.8	95.0	96.8	98.4	99.9	101.5	101.2
67.5°	79.2	82.3	86.9	90.0	91.3	93.1	95.0	96.5	98.1	97.8
70°	74.9	78.3	82.9	86.0	87.3	89.1	91.0	92.5	94.1	94.1
72.5°	71.2	74.6	79.2	82.3	83.9	85.7	87.6	89.1	90.7	90.3
75°	67.5	70.9	75.5	78.6	80.1	82.3	84.2	85.7	87.3	86.9
77.5°	63.4	67.1	71.8	74.9	76.4	78.6	80.4	82.0	83.5	83.2
80°	59.7	63.7	68.4	71.5	73.0	74.9	77.0	78.6	80.1	79.8
82.5°	56.3	60.3	65.3	68.4	69.9	71.8	73.9	75.5	76.7	76.7
85°	53.2	56.9	61.6	65.0	66.5	68.4	70.5	72.1	73.6	73.3
87.5°	50.1	53.8	58.2	61.6	63.1	65.0	67.5	69.0	70.2	70.2
90°	47.3	51.1	55.4	58.5	60.0	61.9	64.0	65.9	67.1	67.1
92.5°	44.9	48.3	52.6	55.4	56.9	58.8	61.3	62.5	63.7	63.7
95°	42.4	45.8	49.8	52.6	54.1	56.0	58.2	59.7	60.6	61.0
97.5°	39.9	43.3	47.3	49.8	51.4	53.2	55.4	56.6	57.6	57.9
100°	37.7	41.2	44.9	47.3	48.9	50.7	52.6	53.8	54.8	55.1
102.5°	35.9	39.0	42.7	45.2	46.4	48.0	50.1	51.4	52.3	52.3
105°	34.0	37.1	40.5	43.0	44.2	45.8	47.6	48.9	49.8	49.8
107.5°	32.2	35.3	38.4	40.8	42.1	43.3	45.2	46.4	47.3	47.3
110°	30.6	33.4	36.5	38.7	39.9	41.2	43.0	44.2	44.9	45.2





TEST NUMBER: P893131

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-LOW-3500K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	29.4	31.9	34.7	36.8	38.1	39.3	40.8	42.1	42.7	43.0
115°	28.2	30.3	33.1	35.0	36.2	37.4	39.0	39.9	40.5	40.8
117.5°	26.9	29.1	31.6	33.4	34.3	35.6	37.1	38.1	38.7	39.0
120°	26.0	27.8	30.3	31.9	32.8	34.0	35.3	36.2	36.8	36.8
122.5°	24.8	26.9	28.8	30.3	31.3	32.2	33.7	34.3	35.0	35.0
125°	24.1	25.7	27.8	29.1	30.0	30.9	32.2	32.8	33.4	33.4
127.5°	23.2	24.8	26.6	27.8	28.5	29.4	30.6	31.3	31.6	31.9
130°	22.6	24.1	25.7	26.9	27.5	28.2	29.4	29.7	30.3	30.3
132.5°	22.0	23.2	24.8	25.7	26.3	26.9	27.8	28.5	28.8	29.1
135°	21.3	22.6	23.8	24.8	25.4	26.0	26.9	27.2	27.5	27.8
137.5°	20.7	22.0	22.9	23.8	24.1	24.8	25.7	26.0	26.3	26.3
140°	20.1	21.3	22.3	22.9	23.5	23.8	24.8	25.1	25.1	25.4
142.5°	19.8	20.7	21.3	22.0	22.6	22.9	23.5	23.8	24.1	24.1
145°	19.2	20.1	20.7	21.3	21.7	22.0	22.6	22.9	23.2	23.2
147.5°	18.9	19.5	20.1	20.7	21.0	21.3	22.0	22.0	22.3	22.3
150°	18.3	19.2	19.5	20.1	20.4	20.4	21.0	21.3	21.3	21.3
152.5°	17.9	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.4	20.4
155°	17.6	18.3	18.6	18.9	18.9	19.2	19.5	19.5	19.5	19.8
157.5°	17.3	17.6	17.9	18.3	18.3	18.6	18.9	18.9	18.9	18.9
160°	16.7	17.0	17.3	17.6	17.9	17.9	18.3	18.3	18.3	18.3
162.5°	15.8	16.4	16.7	17.0	17.3	17.3	17.6	17.6	17.6	17.6
165°	15.2	15.5	15.8	16.4	16.7	16.7	17.0	17.0	17.0	17.0
167.5°	14.5	14.5	14.9	15.2	15.8	16.1	16.4	16.7	16.7	16.7
170°	13.3	13.3	13.6	13.6	14.2	14.5	15.2	15.8	16.1	16.1
172.5°	11.8	11.8	12.1	11.8	12.1	12.1	12.4	13.0	13.6	13.9
175°	10.2	10.2	9.6	9.3	9.3	9.0	9.0	8.7	8.0	8.7
177.5°	9.0	8.7	8.0	7.4	7.4	7.1	7.1	6.5	5.9	5.9
180°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0



TEST NUMBER: P893131  
 CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-LOW-3500K

**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	10.11	11.42	10.75	12.09	12.86	13.49	14.80	14.14	15.47	16.24
	3H	11.43	12.63	12.09	13.30	14.11	16.31	17.50	16.96	18.18	18.98
	4H	11.83	12.97	12.50	13.65	14.47	17.73	18.86	18.40	19.55	20.37
	6H	12.04	13.10	12.73	13.80	14.63	19.21	20.27	19.90	20.97	21.80
	8H	12.07	13.09	12.77	13.81	14.64	19.96	20.98	20.66	21.70	22.53
	12H	12.08	13.05	12.78	13.76	14.63	20.76	21.73	21.46	22.44	23.31
4H	2H	11.23	12.37	11.91	13.06	13.87	13.83	14.97	14.51	15.65	16.47
	3H	12.84	13.82	13.53	14.54	15.38	16.88	17.86	17.57	18.58	19.42
	4H	13.40	14.30	14.11	15.03	15.89	18.48	19.38	19.18	20.10	20.97
	6H	13.74	14.54	14.46	15.29	16.16	20.18	20.97	20.90	21.72	22.59
	8H	13.81	14.56	14.54	15.31	16.20	21.05	21.80	21.78	22.55	23.44
	12H	13.84	14.52	14.59	15.30	16.19	21.98	22.67	22.73	23.44	24.33
8H	4H	14.44	15.19	15.17	15.94	16.83	18.66	19.41	19.38	20.16	21.04
	6H	15.05	15.69	15.81	16.48	17.37	20.54	21.18	21.30	21.97	22.85
	8H	15.25	15.83	16.02	16.62	17.52	21.57	22.15	22.34	22.94	23.84
	12H	15.37	15.89	16.14	16.67	17.62	22.70	23.22	23.47	24.00	24.96
12H	4H	14.77	15.46	15.52	16.23	17.12	18.65	19.34	19.40	20.11	21.00
	6H	15.55	16.13	16.32	16.92	17.82	20.57	21.15	21.34	21.94	22.84
	8H	15.88	16.40	16.65	17.18	18.13	21.67	22.19	22.44	22.97	23.92