

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: P893114

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893114
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2MB-SC3-RND-UNV-CC93-LOW-4000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 4000K CCT, LOW I setting
Light Source: -
Ballast/Driver: -

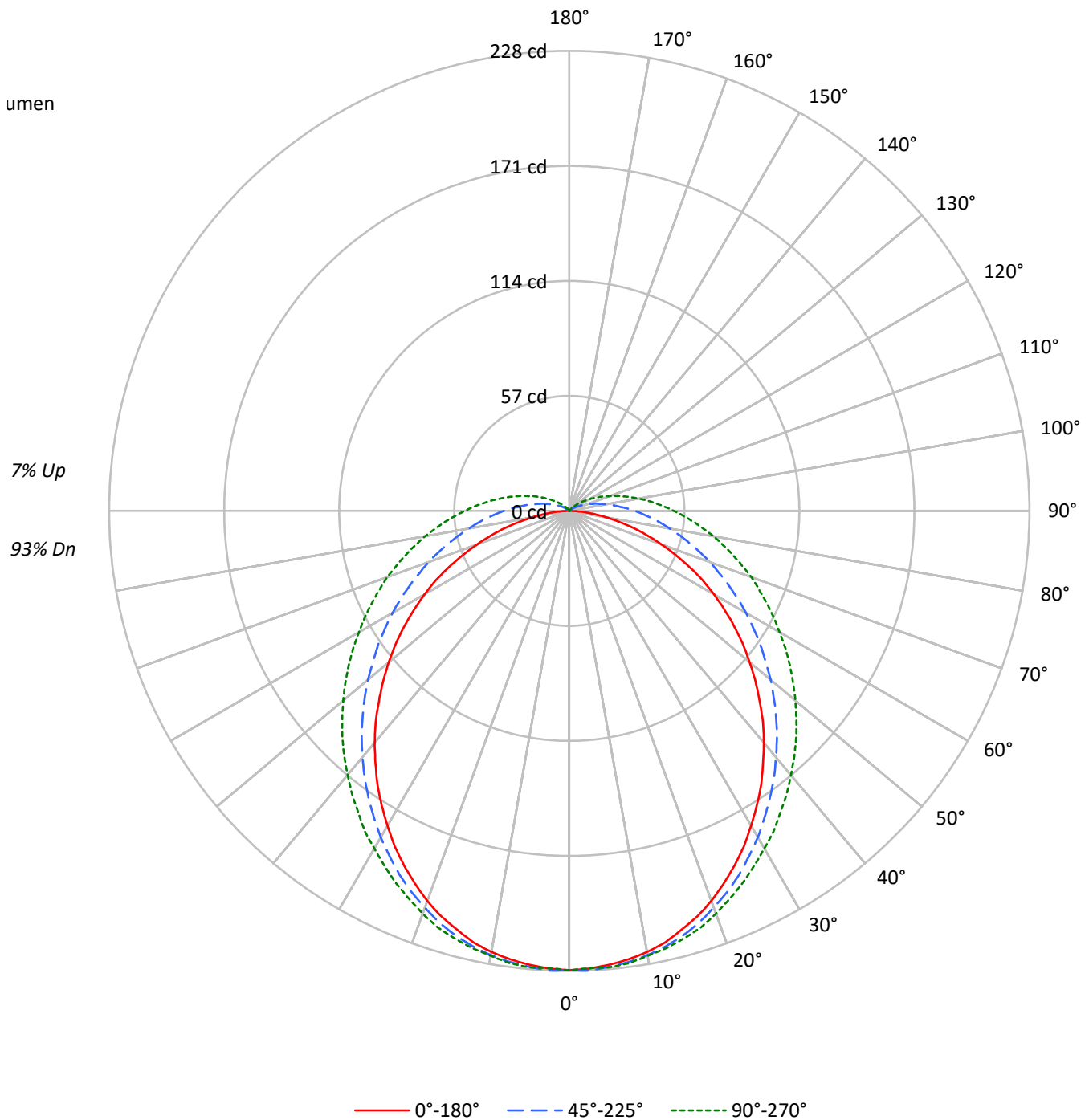
Summary

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 / 1.27 / 1.35
Luminous Opening: Rectangular (W 0.38' x L: 1.98' x H: 0')
CIE Type: 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				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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	77	77	77	77	74
2	95	86	79	72	92	84	77	71	79	73	68	75	70	66	70	67	63	63	63	63	61
3	87	75	67	60	83	73	65	59	69	62	57	65	60	55	62	57	53	53	53	53	50
4	79	67	57	50	76	65	56	50	61	54	48	58	52	47	55	50	45	45	45	45	43
5	73	59	50	43	70	58	49	43	55	47	41	52	46	40	50	44	39	39	39	39	37
6	67	53	44	38	65	52	43	37	49	42	36	47	40	35	45	39	34	34	34	34	32
7	62	48	39	33	60	47	39	33	45	37	32	43	36	31	41	35	31	31	31	31	28
8	58	44	35	29	56	43	35	29	41	34	29	39	33	28	38	32	27	27	27	27	25
9	54	40	32	26	52	40	32	26	38	31	26	36	30	25	35	29	25	25	25	25	23
10	51	37	29	24	49	37	29	24	35	28	23	34	27	23	32	27	22	22	22	22	21

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3257	3257	3257
5°	3243	3257	3261
10°	3225	3248	3252
15°	3183	3226	3249
20°	3131	3185	3233
25°	3059	3141	3211
30°	2975	3086	3191
35°	2894	3028	3184
40°	2801	2975	3190
45°	2699	2931	3217
50°	2597	2898	3254
55°	2489	2881	3327
60°	2369	2893	3442
65°	2221	2945	3649
70°	2033	3104	4015
75°	1841	3410	4632
80°	1557	4160	5981
85°	1264	6713	10127

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 18563 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	2.9
10°-20°	61.3	8.3
20°-30°	91.4	12.3
30°-40°	108.4	14.6
40°-50°	112.0	15.1
50°-60°	103.4	14.0
60°-70°	85.8	11.6
70°-80°	63.6	8.6
80°-90°	41.9	5.7
90°-100°	25.5	3.4
100°-110°	14.4	1.9
110°-120°	7.2	1.0
120°-130°	3.0	0.4
130°-140°	0.9	0.1
140°-150°	0.3	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	174.2	23.5
0°-40°	282.6	38.1
0°-60°	498.1	67.2
0°-90°	689.5	93.0
90°-120°	47.1	6.4
90°-150°	51.3	6.9
90°-180°	52.0	7.0
0°-180°	741.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	228	228	228	228	228	
5°	226	229	227	226	227	21
15°	215	218	218	218	219	61
25°	194	197	199	201	203	89
35°	166	169	173	179	182	104
45°	133	138	145	154	159	103
55°	100	104	116	127	133	89
65°	66	72	87	101	108	65
75°	33	44	62	77	84	35
85°	8	22	41	55	62	9
90°	0	14	32	46	52	0
95°	0	9	25	37	43	0
105°	0	3	14	23	28	0
115°	0	1	6	13	16	0
125°	0	0	3	6	8	0
135°	0	0	1	2	3	0
145°	0	0	0	1	1	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P893114

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7
2.5°	227.1	226.5	226.8	226.8	227.7	230.3	229.3	229.3	229.3	226.8	228.1
5°	225.8	225.2	225.5	225.8	226.5	229.0	228.1	228.4	228.1	225.5	226.8
7.5°	224.2	223.6	223.6	223.9	224.9	227.4	226.5	226.8	226.5	223.9	225.5
10°	222.0	221.3	221.7	222.0	222.6	225.5	224.5	224.5	224.5	222.3	223.6
12.5°	219.1	218.5	218.8	219.1	220.1	222.3	221.3	221.7	221.7	219.7	221.0
15°	214.9	214.3	214.9	215.3	216.2	218.5	217.8	218.1	218.1	216.2	217.8
17.5°	210.8	209.8	210.5	210.8	212.1	214.0	213.3	214.0	214.0	212.1	214.0
20°	205.7	204.7	205.3	206.0	206.9	208.9	208.2	208.9	208.9	207.3	209.2
22.5°	199.9	199.0	199.6	200.2	201.5	203.1	202.8	203.4	203.4	202.1	204.4
25°	193.8	192.9	193.8	194.2	195.4	197.0	197.0	197.4	197.7	196.7	199.0
27.5°	187.4	186.2	187.1	187.8	189.0	190.6	190.6	191.3	191.3	191.0	192.9
30°	180.1	179.1	180.4	180.7	182.0	183.6	183.9	184.6	184.6	184.2	186.8
32.5°	173.0	172.1	173.0	173.7	175.3	176.6	176.9	177.5	177.8	177.8	180.1
35°	165.7	164.7	165.7	166.3	167.9	169.2	169.5	170.2	170.5	171.1	173.4
37.5°	157.7	157.1	158.0	158.6	160.2	161.5	161.8	162.8	163.1	164.1	166.6
40°	150.0	149.1	150.0	150.7	152.6	153.5	154.2	155.1	155.8	156.7	159.3
42.5°	142.0	141.4	142.0	143.3	144.6	145.9	146.5	147.5	148.4	150.0	152.3
45°	133.4	133.4	134.0	135.3	136.6	137.5	138.5	139.8	140.7	142.3	144.9
47.5°	125.1	125.1	125.7	126.7	128.3	129.2	130.2	131.8	132.7	134.7	137.5
50°	116.7	116.4	117.4	118.7	120.3	121.2	122.2	123.8	125.1	127.3	130.2
52.5°	108.4	107.8	108.8	110.4	111.6	112.9	113.9	115.5	117.1	119.9	122.5
55°	99.8	99.5	100.4	101.7	103.3	104.3	105.6	107.5	109.4	112.3	115.5
57.5°	91.2	91.2	92.1	93.4	95.3	96.3	97.6	99.8	101.7	104.9	108.1
60°	82.8	82.5	83.5	85.4	87.0	88.3	89.6	92.1	94.4	97.9	101.1
62.5°	74.5	74.2	75.5	76.8	79.0	80.3	81.6	84.4	87.0	90.8	94.0
65°	65.6	65.9	66.9	68.1	70.7	72.3	73.9	77.1	80.0	83.5	87.0
67.5°	56.9	56.9	58.2	59.8	63.0	64.6	66.2	69.7	72.6	76.8	80.3
70°	48.6	48.9	50.5	52.1	55.3	56.9	58.9	62.7	65.9	70.0	74.2
72.5°	40.6	41.3	42.5	45.1	48.3	49.9	52.1	56.0	59.2	63.7	67.8
75°	33.3	33.6	35.2	38.1	41.6	43.5	45.4	49.6	53.4	57.6	61.7
77.5°	25.6	26.2	28.1	31.3	35.5	37.4	39.3	43.8	47.7	51.8	56.0
80°	18.9	19.5	22.1	25.3	29.7	31.7	33.9	38.4	42.2	46.4	50.5
82.5°	12.8	13.8	16.3	19.8	24.3	26.5	28.8	33.3	37.4	41.6	45.7
85°	7.7	8.6	11.5	15.4	19.8	21.8	24.0	28.8	32.6	36.8	40.9
87.5°	3.2	4.8	7.7	11.5	15.7	17.6	20.2	24.6	28.5	32.3	36.5
90°	0.0	1.9	4.8	8.3	12.5	14.4	16.3	20.8	24.6	28.5	32.3
92.5°	0.0	0.6	2.9	5.8	9.6	11.2	13.1	17.3	20.8	24.6	28.5
95°	0.0	0.3	1.6	4.2	7.0	8.6	10.6	14.4	17.6	21.4	24.6
97.5°	0.0	0.0	1.0	2.9	5.4	6.7	8.3	11.8	15.0	18.2	21.8
100°	0.0	0.0	0.6	1.9	3.8	5.1	6.4	9.6	12.5	15.7	18.6
102.5°	0.0	0.0	0.3	1.3	2.9	3.8	4.8	7.7	10.2	13.1	16.0
105°	0.0	0.0	0.3	0.6	1.9	2.9	3.8	6.1	8.3	10.9	13.8
107.5°	0.0	0.0	0.0	0.6	1.6	2.2	2.9	4.8	6.7	9.0	11.5
110°	0.0	0.0	0.0	0.3	1.0	1.6	2.2	3.8	5.4	7.4	9.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.3	0.6	1.0	1.6	2.9	4.2	6.1	7.7
115°	0.0	0.0	0.0	0.0	0.3	0.6	1.0	2.2	3.2	4.8	6.4
117.5°	0.0	0.0	0.0	0.0	0.3	0.6	0.6	1.6	2.6	3.8	5.1
120°	0.0	0.0	0.0	0.0	0.3	0.3	0.6	1.3	1.9	2.9	4.2
122.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.6	1.3	2.2	3.2
125°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	1.0	1.6	2.6
127.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.6	1.3	1.9
130°	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.3	0.6	1.0	1.3
132.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	1.0
135°	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.3	0.3	0.3	0.6
137.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6
140°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
157.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7	227.7
2.5°	228.1	225.5	227.1	226.8	226.5	225.8	227.4	226.1	226.8	226.8
5°	227.1	224.5	226.5	226.5	226.1	225.5	227.1	225.8	226.8	227.1
7.5°	225.5	223.6	225.5	225.2	225.2	224.5	226.1	225.2	226.1	226.1
10°	223.6	221.7	223.6	223.3	223.3	222.6	223.9	222.9	223.9	223.9
12.5°	221.0	219.1	221.3	221.0	220.7	220.4	221.7	220.7	222.0	222.0
15°	217.8	216.5	218.8	218.5	218.5	217.8	219.4	218.5	219.7	219.4
17.5°	214.3	213.0	215.3	215.3	214.9	214.9	215.9	214.9	216.5	216.5
20°	209.5	208.2	210.8	210.8	210.5	210.5	211.4	210.5	212.4	212.4
22.5°	204.4	203.4	205.7	206.0	205.7	205.7	206.6	206.0	207.9	207.9
25°	199.0	198.6	200.9	201.2	200.9	201.2	202.1	201.5	203.4	203.4
27.5°	193.2	193.2	195.4	195.8	196.1	196.1	197.0	196.4	198.6	198.3
30°	187.1	187.1	189.7	190.3	190.3	190.6	191.6	191.0	193.2	193.2
32.5°	180.7	181.0	183.6	184.6	184.6	185.2	185.8	185.5	187.8	188.4
35°	174.3	174.6	177.5	178.5	178.8	179.1	180.1	180.1	182.0	182.3
37.5°	167.0	168.2	170.8	172.1	172.4	173.0	174.0	174.0	176.2	176.9
40°	159.9	161.5	164.4	165.7	166.0	166.6	167.9	167.9	170.2	170.8
42.5°	153.2	155.1	157.7	159.6	159.9	160.9	161.5	162.2	164.4	165.0
45°	145.9	148.1	151.0	152.9	153.5	154.5	155.1	156.1	158.0	159.0
47.5°	138.8	141.1	144.3	146.5	146.8	148.1	148.7	149.7	151.6	152.6
50°	131.5	134.3	137.5	140.1	140.4	141.4	142.3	143.3	145.2	146.2
52.5°	124.4	127.3	130.5	133.1	133.7	134.7	135.6	136.6	138.8	139.8
55°	117.4	120.3	123.5	126.3	127.0	127.9	128.9	130.2	132.4	133.4
57.5°	110.4	113.5	116.7	119.6	120.3	121.5	122.5	123.8	125.7	127.0
60°	103.6	106.8	110.4	113.2	113.5	115.5	116.1	117.4	119.3	120.3
62.5°	96.6	100.8	103.6	106.8	107.5	108.8	109.7	111.0	112.9	114.2
65°	89.9	94.0	96.9	100.1	101.1	102.4	103.3	104.6	106.5	107.8
67.5°	83.5	87.6	90.8	94.0	95.0	96.0	97.2	98.5	100.1	101.7
70°	77.4	81.9	84.8	88.0	88.9	90.2	91.5	92.4	94.4	96.0
72.5°	71.3	75.8	78.7	82.2	82.8	84.1	85.4	86.7	88.3	89.6
75°	65.3	69.7	72.9	76.1	77.1	78.4	79.6	80.9	82.5	83.8
77.5°	59.5	64.0	67.2	70.7	71.3	72.6	74.2	75.5	76.8	78.0
80°	54.1	58.5	61.7	64.9	65.9	67.2	68.4	70.0	71.3	72.6
82.5°	49.3	53.4	56.3	59.8	60.5	61.7	63.0	64.3	65.6	66.9
85°	44.5	48.6	51.5	54.7	55.3	56.6	57.9	59.2	60.8	61.7
87.5°	40.0	43.8	47.0	49.9	50.5	51.8	53.1	54.1	55.3	56.6
90°	35.8	39.7	42.5	45.4	46.1	47.3	48.3	49.6	50.9	51.8
92.5°	31.7	35.5	38.1	40.9	41.6	42.9	44.1	45.1	46.4	47.3
95°	28.1	31.7	34.2	37.1	37.4	38.7	40.0	40.9	42.2	42.9
97.5°	24.6	28.1	30.7	33.3	33.6	34.9	36.1	37.1	38.1	39.0
100°	21.4	24.6	27.2	29.4	30.1	31.0	32.3	33.3	34.2	34.9
102.5°	18.6	21.4	23.7	26.2	26.5	27.8	28.8	29.7	30.7	31.3
105°	16.0	18.9	20.8	23.0	23.3	24.6	25.6	26.5	27.5	27.8
107.5°	13.8	16.0	17.9	20.2	20.8	21.4	22.4	23.3	24.3	24.6
110°	11.5	13.8	15.7	17.3	17.9	18.9	19.5	20.5	21.1	21.4



TEST NUMBER: P893114
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-LOW-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	9.6	11.5	13.1	15.0	15.4	16.3	17.0	17.6	18.6	18.9
115°	8.0	9.9	11.2	12.8	13.1	13.8	14.7	15.4	16.0	16.3
117.5°	6.7	8.0	9.3	10.6	11.2	11.8	12.5	13.1	13.4	13.8
120°	5.4	6.7	7.7	9.0	9.3	9.9	10.6	10.9	11.5	11.8
122.5°	4.2	5.4	6.4	7.4	7.7	8.3	8.6	9.3	9.6	9.6
125°	3.2	4.2	5.1	5.8	6.1	6.7	7.0	7.7	8.0	8.0
127.5°	2.6	3.2	3.8	4.8	4.8	5.4	5.8	6.1	6.4	6.4
130°	1.9	2.6	3.2	3.5	3.8	4.2	4.5	4.8	5.1	5.1
132.5°	1.3	1.9	2.2	2.9	2.9	3.2	3.5	3.5	3.8	3.8
135°	1.0	1.3	1.6	1.9	2.2	2.2	2.6	2.9	2.9	2.9
137.5°	0.6	1.0	1.3	1.6	1.6	1.6	1.9	1.9	2.2	2.2
140°	0.3	0.6	0.6	1.0	1.0	1.3	1.3	1.3	1.6	1.6
142.5°	0.3	0.3	0.6	0.6	0.6	0.6	1.0	1.0	1.0	1.0
145°	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6
150°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.0	0.0	0.0	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0
162.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
165°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.3	0.0	0.0
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.3	0.0
175°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
177.5°	0.3	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P893114
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-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	14.18	15.72	14.65	16.17	16.66	15.95	17.49	16.42	17.94	18.43
	3H	15.81	17.21	16.29	17.67	18.20	18.53	19.93	19.02	20.40	20.92
	4H	16.39	17.72	16.89	18.20	18.74	19.83	21.16	20.33	21.64	22.18
	6H	16.79	18.03	17.31	18.52	19.08	21.23	22.46	21.74	22.96	23.51
	8H	16.91	18.09	17.44	18.61	19.17	21.96	23.15	22.49	23.67	24.23
	12H	16.98	18.12	17.52	18.63	19.23	22.80	23.94	23.34	24.46	25.05
4H	2H	15.16	16.48	15.66	16.97	17.50	16.50	17.82	17.00	18.31	18.84
	3H	17.09	18.22	17.60	18.75	19.31	19.38	20.51	19.89	21.03	21.60
	4H	17.85	18.89	18.39	19.43	20.02	20.89	21.92	21.42	22.46	23.05
	6H	18.42	19.34	18.98	19.90	20.51	22.51	23.43	23.07	23.99	24.60
	8H	18.60	19.46	19.16	20.03	20.65	23.38	24.24	23.94	24.80	25.42
	12H	18.72	19.51	19.30	20.10	20.72	24.37	25.15	24.95	25.74	26.37
8H	4H	18.75	19.61	19.31	20.17	20.79	21.24	22.10	21.80	22.66	23.28
	6H	19.62	20.35	20.21	20.96	21.58	23.12	23.86	23.72	24.46	25.09
	8H	19.97	20.63	20.57	21.25	21.88	24.19	24.85	24.80	25.47	26.11
	12H	20.24	20.83	20.84	21.43	22.14	25.44	26.03	26.04	26.63	27.34
12H	4H	19.03	19.82	19.61	20.41	21.03	21.28	22.06	21.86	22.65	23.28
	6H	20.07	20.74	20.68	21.35	21.99	23.23	23.89	23.83	24.50	25.14
	8H	20.59	21.18	21.19	21.78	22.49	24.41	25.00	25.01	25.60	26.31