

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: P893108

Luminaire Tested: 2MB-SC3-RND-UNV-CC83-MID-4000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893108
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-CC83-MID-4000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 4000K CCT, MID lu setting
Light Source: -
Ballast/Driver: -

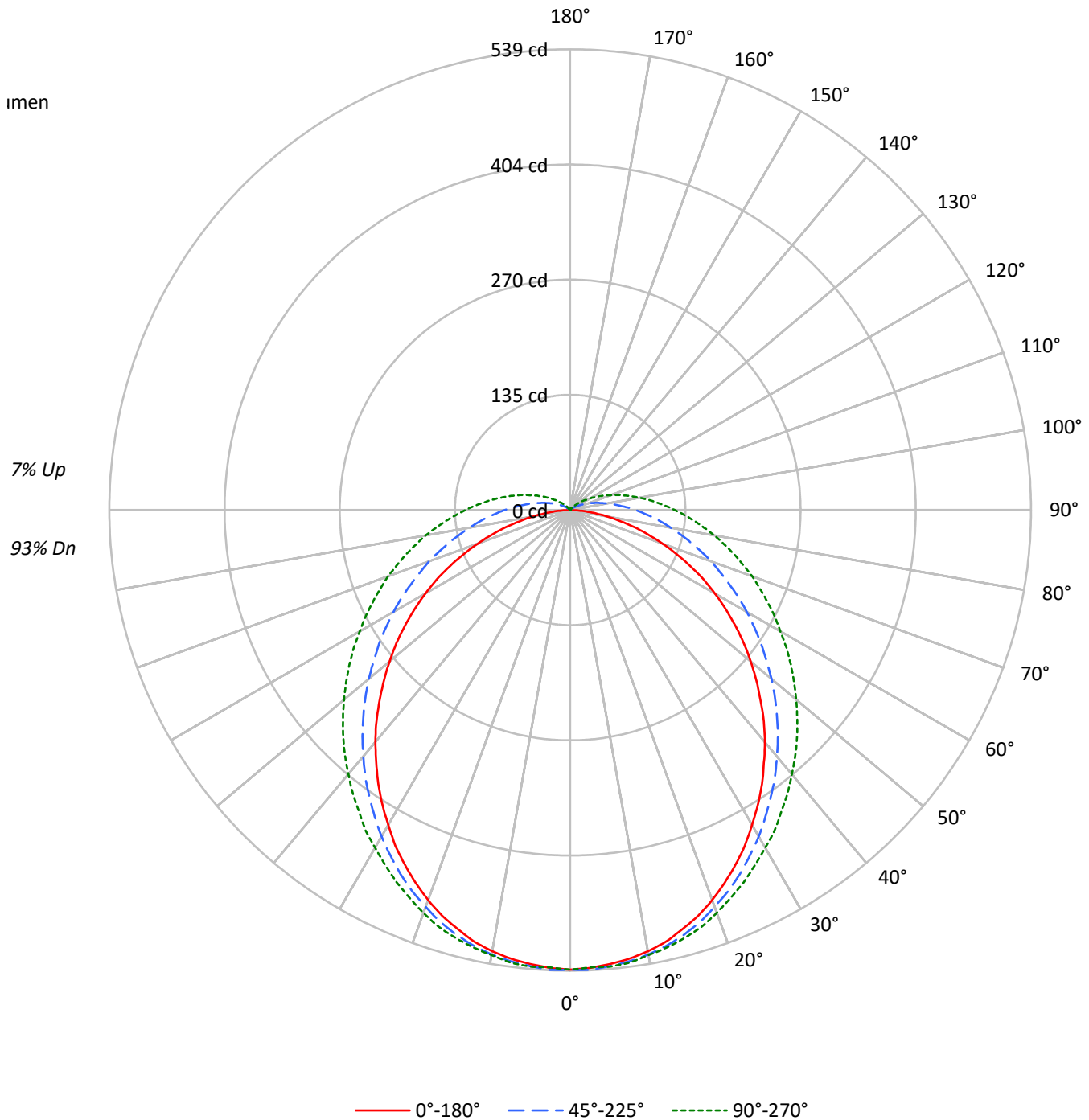
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1750.1 lumens
Efficiency: N/A
Efficacy: 125.9 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): 13.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9948
Total Harmonic Distortion (THDi): 5.65231997856897
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P893108
CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-MID-4000K

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	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	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	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	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	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	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	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	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	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	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	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	22	22	22	21		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7693	7693	7693
5°	7658	7691	7701
10°	7615	7670	7681
15°	7518	7618	7675
20°	7394	7520	7636
25°	7226	7417	7583
30°	7025	7288	7537
35°	6834	7150	7520
40°	6616	7025	7533
45°	6373	6923	7595
50°	6136	6841	7683
55°	5879	6801	7856
60°	5596	6829	8126
65°	5243	6956	8618
70°	4802	7332	9478
75°	4344	8059	10938
80°	3674	9836	14129
85°	2971	15872	23931

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 43848 cd/sqm



TEST NUMBER: P893108

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.8	2.9
10°-20°	144.7	8.3
20°-30°	215.8	12.3
30°-40°	256.1	14.6
40°-50°	264.6	15.1
50°-60°	244.2	14.0
60°-70°	202.7	11.6
70°-80°	150.2	8.6
80°-90°	99.1	5.7
90°-100°	60.2	3.4
100°-110°	34.0	1.9
110°-120°	17.0	1.0
120°-130°	7.1	0.4
130°-140°	2.3	0.1
140°-150°	0.7	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	411.3	23.5
0°-40°	667.4	38.1
0°-60°	1176.3	67.2
0°-90°	1628.3	93.0
90°-120°	111.2	6.4
90°-150°	121.2	6.9
90°-180°	122.0	7.0
0°-180°	1750.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	538	538	538	538	538	
5°	533	541	536	534	536	51
15°	508	516	514	516	518	143
25°	458	465	470	474	480	211
35°	391	400	409	422	431	244
45°	315	325	342	363	375	243
55°	236	246	273	300	315	211
65°	155	171	206	239	255	153
75°	79	103	146	182	198	83
85°	18	51	97	131	146	20
90°	0	34	76	109	122	1
95°	0	20	58	88	101	0
105°	0	7	32	55	66	0
115°	0	2	15	31	38	0
125°	0	1	6	14	19	0
135°	1	0	2	5	7	1
145°	1	1	1	2	2	1
155°	1	1	1	0	0	0
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



TEST NUMBER: P893108
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8
2.5°	536.3	534.8	535.6	535.6	537.8	543.9	541.6	541.6	541.6	535.6	538.6
5°	533.3	531.8	532.6	533.3	534.8	540.9	538.6	539.4	538.6	532.6	535.6
7.5°	529.5	528.0	528.0	528.8	531.0	537.1	534.8	535.6	534.8	528.8	532.6
10°	524.2	522.7	523.5	524.2	525.8	532.6	530.3	530.3	530.3	525.0	528.0
12.5°	517.4	515.9	516.7	517.4	519.7	525.0	522.7	523.5	523.5	519.0	522.0
15°	507.6	506.1	507.6	508.4	510.6	515.9	514.4	515.2	515.2	510.6	514.4
17.5°	497.8	495.5	497.1	497.8	500.8	505.4	503.9	505.4	505.4	500.8	505.4
20°	485.7	483.5	485.0	486.5	488.7	493.3	491.8	493.3	493.3	489.5	494.0
22.5°	472.1	469.9	471.4	472.9	475.9	479.7	478.9	480.4	480.4	477.4	482.7
25°	457.8	455.5	457.8	458.5	461.5	465.3	465.3	466.1	466.8	464.6	469.9
27.5°	442.7	439.6	441.9	443.4	446.4	450.2	450.2	451.7	451.7	451.0	455.5
30°	425.3	423.0	426.0	426.8	429.8	433.6	434.4	435.9	435.9	435.1	441.2
32.5°	408.7	406.4	408.7	410.2	414.0	417.0	417.7	419.2	420.0	420.0	425.3
35°	391.3	389.0	391.3	392.8	396.6	399.6	400.4	401.9	402.6	404.1	409.4
37.5°	372.4	370.9	373.2	374.7	378.5	381.5	382.2	384.5	385.3	387.5	393.6
40°	354.3	352.0	354.3	355.8	360.3	362.6	364.1	366.4	367.9	370.1	376.2
42.5°	335.4	333.9	335.4	338.4	341.4	344.5	346.0	348.2	350.5	354.3	359.6
45°	315.0	315.0	316.5	319.5	322.6	324.8	327.1	330.1	332.4	336.2	342.2
47.5°	295.4	295.4	296.9	299.1	302.9	305.2	307.4	311.2	313.5	318.0	324.8
50°	275.7	275.0	277.2	280.3	284.0	286.3	288.6	292.3	295.4	300.6	307.4
52.5°	256.1	254.6	256.8	260.6	263.6	266.7	268.9	272.7	276.5	283.3	289.3
55°	235.7	234.9	237.2	240.2	244.0	246.3	249.3	253.8	258.3	265.1	272.7
57.5°	215.3	215.3	217.6	220.6	225.1	227.4	230.4	235.7	240.2	247.8	255.3
60°	195.6	194.9	197.2	201.7	205.5	208.5	211.5	217.6	222.8	231.2	238.7
62.5°	176.0	175.3	178.3	181.3	186.6	189.6	192.6	199.4	205.5	214.5	222.1
65°	154.9	155.6	157.9	160.9	166.9	170.7	174.5	182.1	188.8	197.2	205.5
67.5°	134.5	134.5	137.5	141.3	148.8	152.6	156.4	164.7	171.5	181.3	189.6
70°	114.8	115.6	119.4	123.1	130.7	134.5	139.0	148.1	155.6	165.4	175.3
72.5°	95.9	97.4	100.5	106.5	114.1	117.8	123.1	132.2	139.7	150.3	160.1
75°	78.6	79.3	83.1	89.9	98.2	102.7	107.3	117.1	126.2	136.0	145.8
77.5°	60.4	61.9	66.5	74.0	83.8	88.4	92.9	103.5	112.6	122.4	132.2
80°	44.6	46.1	52.1	59.7	70.3	74.8	80.1	90.6	99.7	109.5	119.4
82.5°	30.2	32.5	38.5	46.8	57.4	62.7	68.0	78.6	88.4	98.2	108.0
85°	18.1	20.4	27.2	36.3	46.8	51.4	56.7	68.0	77.1	86.9	96.7
87.5°	7.6	11.3	18.1	27.2	37.0	41.5	47.6	58.2	67.2	76.3	86.1
90°	0.0	4.5	11.3	19.6	29.5	34.0	38.5	49.1	58.2	67.2	76.3
92.5°	0.0	1.5	6.8	13.6	22.7	26.4	31.0	40.8	49.1	58.2	67.2
95°	0.0	0.8	3.8	9.8	16.6	20.4	24.9	34.0	41.5	50.6	58.2
97.5°	0.0	0.0	2.3	6.8	12.8	15.9	19.6	27.9	35.5	43.1	51.4
100°	0.0	0.0	1.5	4.5	9.1	12.1	15.1	22.7	29.5	37.0	43.8
102.5°	0.0	0.0	0.8	3.0	6.8	9.1	11.3	18.1	24.2	31.0	37.8
105°	0.0	0.0	0.8	1.5	4.5	6.8	9.1	14.4	19.6	25.7	32.5
107.5°	0.0	0.0	0.0	1.5	3.8	5.3	6.8	11.3	15.9	21.2	27.2
110°	0.0	0.0	0.0	0.8	2.3	3.8	5.3	9.1	12.8	17.4	22.7



TEST NUMBER: P893108
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-MID-4000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.8	1.5	2.3	3.8	6.8	9.8	14.4	18.1
115°	0.0	0.0	0.0	0.0	0.8	1.5	2.3	5.3	7.6	11.3	15.1
117.5°	0.0	0.0	0.0	0.0	0.8	1.5	1.5	3.8	6.0	9.1	12.1
120°	0.0	0.0	0.0	0.0	0.8	0.8	1.5	3.0	4.5	6.8	9.8
122.5°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	1.5	3.0	5.3	7.6
125°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5	2.3	3.8	6.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8	1.5	3.0	4.5
130°	0.8	0.0	0.0	0.0	0.8	0.0	0.8	0.8	1.5	2.3	3.0
132.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5	2.3
135°	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.8	0.8	0.8	1.5
137.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5
140°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
142.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
145°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
147.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
157.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
177.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8	537.8
2.5°	538.6	532.6	536.3	535.6	534.8	533.3	537.1	534.1	535.6	535.6
5°	536.3	530.3	534.8	534.8	534.1	532.6	536.3	533.3	535.6	536.3
7.5°	532.6	528.0	532.6	531.8	531.8	530.3	534.1	531.8	534.1	534.1
10°	528.0	523.5	528.0	527.3	527.3	525.8	528.8	526.5	528.8	528.8
12.5°	522.0	517.4	522.7	522.0	521.2	520.5	523.5	521.2	524.2	524.2
15°	514.4	511.4	516.7	515.9	515.9	514.4	518.2	515.9	519.0	518.2
17.5°	506.1	503.1	508.4	508.4	507.6	507.6	509.9	507.6	511.4	511.4
20°	494.8	491.8	497.8	497.8	497.1	497.1	499.3	497.1	501.6	501.6
22.5°	482.7	480.4	485.7	486.5	485.7	485.7	488.0	486.5	491.0	491.0
25°	469.9	469.1	474.4	475.1	474.4	475.1	477.4	475.9	480.4	480.4
27.5°	456.3	456.3	461.5	462.3	463.1	463.1	465.3	463.8	469.1	468.3
30°	441.9	441.9	448.0	449.5	449.5	450.2	452.5	451.0	456.3	456.3
32.5°	426.8	427.6	433.6	435.9	435.9	437.4	438.9	438.1	443.4	444.9
35°	411.7	412.4	419.2	421.5	422.3	423.0	425.3	425.3	429.8	430.6
37.5°	394.3	397.3	403.4	406.4	407.2	408.7	410.9	410.9	416.2	417.7
40°	377.7	381.5	388.3	391.3	392.1	393.6	396.6	396.6	401.9	403.4
42.5°	361.8	366.4	372.4	376.9	377.7	380.0	381.5	383.0	388.3	389.8
45°	344.5	349.7	356.5	361.1	362.6	364.9	366.4	368.6	373.2	375.4
47.5°	327.8	333.1	340.7	346.0	346.7	349.7	351.3	353.5	358.1	360.3
50°	310.5	317.3	324.8	330.9	331.6	333.9	336.2	338.4	343.0	345.2
52.5°	293.9	300.6	308.2	314.2	315.8	318.0	320.3	322.6	327.8	330.1
55°	277.2	284.0	291.6	298.4	299.9	302.2	304.4	307.4	312.7	315.0
57.5°	260.6	268.2	275.7	282.5	284.0	287.1	289.3	292.3	296.9	299.9
60°	244.7	252.3	260.6	267.4	268.2	272.7	274.2	277.2	281.8	284.0
62.5°	228.1	238.0	244.7	252.3	253.8	256.8	259.1	262.1	266.7	269.7
65°	212.3	222.1	228.9	236.4	238.7	241.7	244.0	247.0	251.5	254.6
67.5°	197.2	207.0	214.5	222.1	224.4	226.6	229.6	232.7	236.4	240.2
70°	182.8	193.4	200.2	207.7	210.0	213.0	216.0	218.3	222.8	226.6
72.5°	168.5	179.0	185.8	194.1	195.6	198.7	201.7	204.7	208.5	211.5
75°	154.1	164.7	172.2	179.8	182.1	185.1	188.1	191.1	194.9	197.9
77.5°	140.5	151.1	158.6	166.9	168.5	171.5	175.3	178.3	181.3	184.3
80°	127.7	138.2	145.8	153.3	155.6	158.6	161.7	165.4	168.5	171.5
82.5°	116.3	126.2	133.0	141.3	142.8	145.8	148.8	151.8	154.9	157.9
85°	105.0	114.8	121.6	129.2	130.7	133.7	136.7	139.7	143.5	145.8
87.5°	94.4	103.5	111.0	117.8	119.4	122.4	125.4	127.7	130.7	133.7
90°	84.6	93.7	100.5	107.3	108.8	111.8	114.1	117.1	120.1	122.4
92.5°	74.8	83.8	89.9	96.7	98.2	101.2	104.2	106.5	109.5	111.8
95°	66.5	74.8	80.8	87.6	88.4	91.4	94.4	96.7	99.7	101.2
97.5°	58.2	66.5	72.5	78.6	79.3	82.3	85.4	87.6	89.9	92.2
100°	50.6	58.2	64.2	69.5	71.0	73.3	76.3	78.6	80.8	82.3
102.5°	43.8	50.6	55.9	61.9	62.7	65.7	68.0	70.3	72.5	74.0
105°	37.8	44.6	49.1	54.4	55.1	58.2	60.4	62.7	65.0	65.7
107.5°	32.5	37.8	42.3	47.6	49.1	50.6	52.9	55.1	57.4	58.2
110°	27.2	32.5	37.0	40.8	42.3	44.6	46.1	48.3	49.9	50.6



TEST NUMBER: P893108

CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-MID-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	22.7	27.2	31.0	35.5	36.3	38.5	40.0	41.5	43.8	44.6
115°	18.9	23.4	26.4	30.2	31.0	32.5	34.7	36.3	37.8	38.5
117.5°	15.9	18.9	21.9	24.9	26.4	27.9	29.5	31.0	31.7	32.5
120°	12.8	15.9	18.1	21.2	21.9	23.4	24.9	25.7	27.2	27.9
122.5°	9.8	12.8	15.1	17.4	18.1	19.6	20.4	21.9	22.7	22.7
125°	7.6	9.8	12.1	13.6	14.4	15.9	16.6	18.1	18.9	18.9
127.5°	6.0	7.6	9.1	11.3	11.3	12.8	13.6	14.4	15.1	15.1
130°	4.5	6.0	7.6	8.3	9.1	9.8	10.6	11.3	12.1	12.1
132.5°	3.0	4.5	5.3	6.8	6.8	7.6	8.3	8.3	9.1	9.1
135°	2.3	3.0	3.8	4.5	5.3	5.3	6.0	6.8	6.8	6.8
137.5°	1.5	2.3	3.0	3.8	3.8	3.8	4.5	4.5	5.3	5.3
140°	0.8	1.5	1.5	2.3	2.3	3.0	3.0	3.0	3.8	3.8
142.5°	0.8	0.8	1.5	1.5	1.5	1.5	2.3	2.3	2.3	2.3
145°	0.8	0.8	0.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5
147.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.5	1.5
150°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	0.8	0.8	0.8	0.0	0.0	0.0	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0
165°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.0
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0	0.8	0.0
175°	0.8	0.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
177.5°	0.8	0.8	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P893108
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-MID-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	17.17	18.70	17.64	19.16	19.64	18.94	20.47	19.41	20.93	21.41
	3H	18.79	20.19	19.28	20.66	21.18	21.52	22.92	22.00	23.39	23.91
	4H	19.38	20.71	19.88	21.19	21.73	22.82	24.15	23.32	24.63	25.17
	6H	19.78	21.01	20.29	21.51	22.06	24.21	25.45	24.73	25.95	26.50
	8H	19.90	21.08	20.42	21.60	22.16	24.95	26.13	25.48	26.65	27.21
	12H	19.97	21.11	20.50	21.62	22.21	25.79	26.93	26.32	27.44	28.03
4H	2H	18.14	19.47	18.65	19.95	20.49	19.48	20.81	19.99	21.29	21.83
	3H	20.08	21.21	20.59	21.73	22.30	22.36	23.50	22.88	24.02	24.58
	4H	20.84	21.88	21.37	22.41	23.01	23.87	24.91	24.41	25.45	26.04
	6H	21.41	22.33	21.96	22.89	23.49	25.50	26.42	26.05	26.98	27.59
	8H	21.59	22.45	22.15	23.01	23.63	26.36	27.23	26.92	27.79	28.41
	12H	21.71	22.49	22.29	23.08	23.71	27.35	28.14	27.94	28.73	29.35
8H	4H	21.74	22.60	22.30	23.16	23.78	24.22	25.09	24.78	25.65	26.27
	6H	22.61	23.34	23.20	23.94	24.57	26.11	26.84	26.70	27.45	28.07
	8H	22.95	23.62	23.56	24.23	24.87	27.18	27.84	27.78	28.45	29.09
	12H	23.22	23.81	23.83	24.42	25.12	28.42	29.01	29.03	29.62	30.32
12H	4H	22.02	22.80	22.60	23.39	24.02	24.26	25.05	24.84	25.64	26.26
	6H	23.06	23.72	23.66	24.34	24.97	26.21	26.88	26.82	27.49	28.13
	8H	23.57	24.16	24.18	24.77	25.47	27.39	27.98	28.00	28.59	29.29