

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: P893107

Luminaire Tested: 2MB-SC3-RND-UNV-CC83-MID-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893107
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-3500K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3500K CCT, MID lu setting
Light Source: -
Ballast/Driver: -

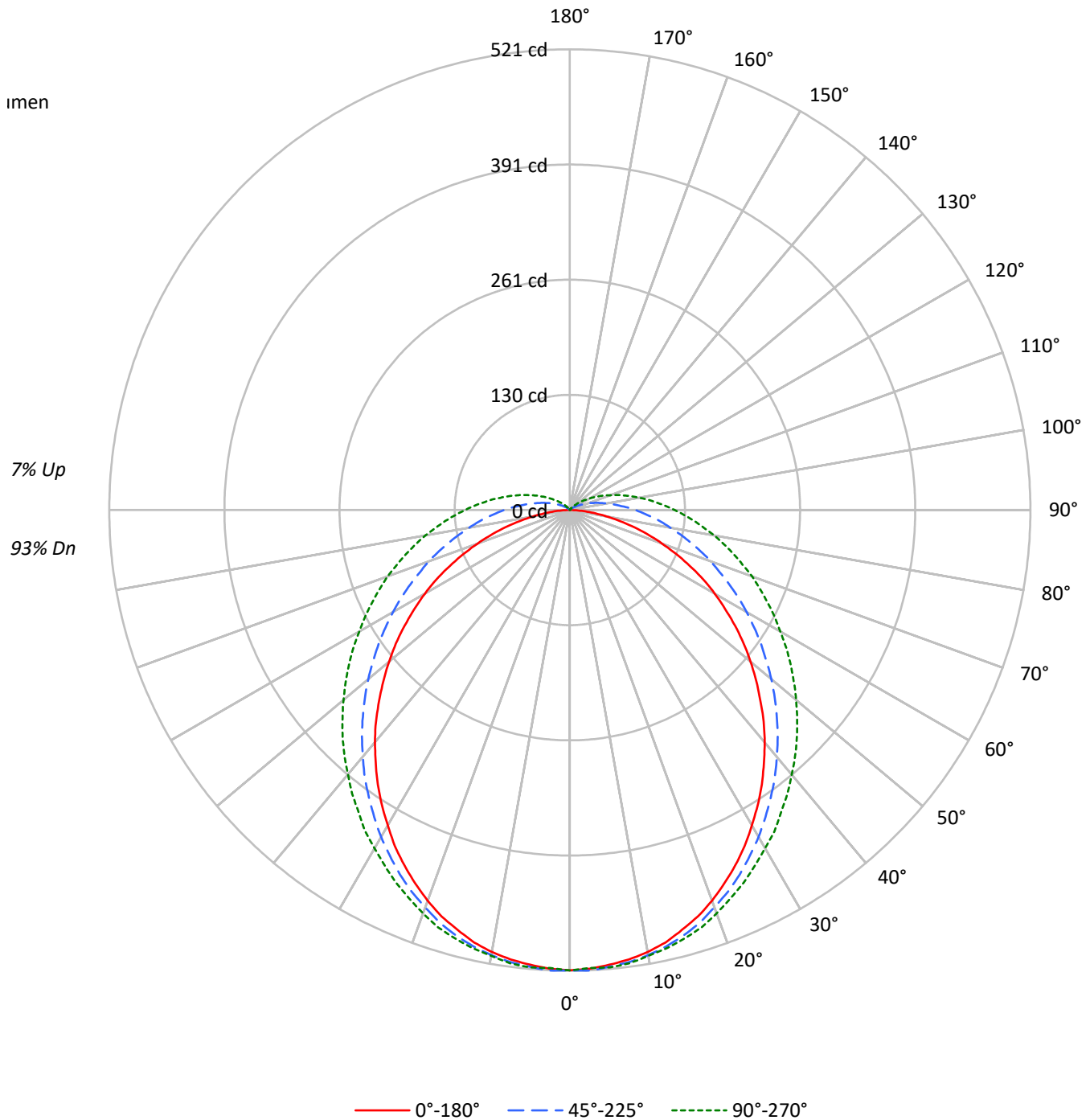
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1694.0 lumens
Efficiency: N/A
Efficacy: 121.9 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

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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°	7447	7447	7447
5°	7413	7444	7456
10°	7372	7424	7436
15°	7278	7375	7429
20°	7158	7280	7391
25°	6994	7179	7341
30°	6801	7053	7296
35°	6615	6921	7279
40°	6403	6801	7292
45°	6168	6701	7352
50°	5940	6623	7438
55°	5689	6584	7604
60°	5419	6612	7865
65°	5074	6733	8341
70°	4647	7094	9177
75°	4201	7799	10590
80°	3551	9515	13675
85°	2872	15363	23160

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 42438 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.2	2.9
10°-20°	140.1	8.3
20°-30°	208.9	12.3
30°-40°	247.9	14.6
40°-50°	256.1	15.1
50°-60°	236.4	14.0
60°-70°	196.3	11.6
70°-80°	145.4	8.6
80°-90°	95.9	5.7
90°-100°	58.3	3.4
100°-110°	33.0	1.9
110°-120°	16.4	1.0
120°-130°	6.8	0.4
130°-140°	2.2	0.1
140°-150°	0.6	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	398.2	23.5
0°-40°	646.0	38.1
0°-60°	1138.6	67.2
0°-90°	1576.2	93.0
90°-120°	107.7	6.4
90°-150°	117.3	6.9
90°-180°	118.0	7.0
0°-180°	1694.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	521	521	521	521	521	
5°	516	524	518	517	519	49
15°	491	499	498	499	502	139
25°	443	450	455	459	465	204
35°	379	387	396	409	417	237
45°	305	314	331	351	363	235
55°	228	238	264	290	305	204
65°	150	165	199	231	246	149
75°	76	99	141	176	192	80
85°	18	50	94	126	141	20
90°	0	33	74	105	118	1
95°	0	20	56	86	98	0
105°	0	7	31	53	64	0
115°	0	2	15	30	37	0
125°	0	1	6	14	18	0
135°	1	0	2	5	7	1
145°	1	1	1	2	2	0
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	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6
2.5°	519.2	517.7	518.4	518.4	520.6	526.5	524.3	524.3	524.3	518.4	521.4
5°	516.2	514.8	515.5	516.2	517.7	523.6	521.4	522.1	521.4	515.5	518.4
7.5°	512.6	511.1	511.1	511.9	514.1	519.9	517.7	518.4	517.7	511.9	515.5
10°	507.5	506.0	506.7	507.5	508.9	515.5	513.3	513.3	513.3	508.2	511.1
12.5°	500.9	499.4	500.2	500.9	503.1	508.2	506.0	506.7	506.7	502.4	505.3
15°	491.4	489.9	491.4	492.1	494.3	499.4	498.0	498.7	498.7	494.3	498.0
17.5°	481.9	479.7	481.1	481.9	484.8	489.2	487.7	489.2	489.2	484.8	489.2
20°	470.2	468.0	469.4	470.9	473.1	477.5	476.0	477.5	477.5	473.8	478.2
22.5°	457.0	454.8	456.3	457.7	460.7	464.3	463.6	465.1	465.1	462.1	467.3
25°	443.1	440.9	443.1	443.9	446.8	450.4	450.4	451.2	451.9	449.7	454.8
27.5°	428.5	425.6	427.8	429.2	432.2	435.8	435.8	437.3	437.3	436.5	440.9
30°	411.7	409.5	412.4	413.1	416.1	419.7	420.5	421.9	421.9	421.2	427.0
32.5°	395.6	393.4	395.6	397.1	400.7	403.6	404.4	405.8	406.6	406.6	411.7
35°	378.8	376.6	378.8	380.2	383.9	386.8	387.5	389.0	389.7	391.2	396.3
37.5°	360.5	359.0	361.2	362.7	366.3	369.3	370.0	372.2	372.9	375.1	381.0
40°	342.9	340.8	342.9	344.4	348.8	351.0	352.5	354.6	356.1	358.3	364.2
42.5°	324.7	323.2	324.7	327.6	330.5	333.4	334.9	337.1	339.3	342.9	348.1
45°	304.9	304.9	306.4	309.3	312.2	314.4	316.6	319.5	321.7	325.4	331.2
47.5°	285.9	285.9	287.4	289.6	293.2	295.4	297.6	301.3	303.5	307.8	314.4
50°	266.9	266.2	268.4	271.3	274.9	277.1	279.3	283.0	285.9	291.0	297.6
52.5°	247.9	246.4	248.6	252.3	255.2	258.1	260.3	264.0	267.6	274.2	280.1
55°	228.1	227.4	229.6	232.5	236.2	238.4	241.3	245.7	250.1	256.7	264.0
57.5°	208.4	208.4	210.6	213.5	217.9	220.1	223.0	228.1	232.5	239.8	247.2
60°	189.4	188.7	190.9	195.2	198.9	201.8	204.7	210.6	215.7	223.8	231.1
62.5°	170.4	169.6	172.6	175.5	180.6	183.5	186.5	193.0	198.9	207.7	215.0
65°	149.9	150.6	152.8	155.8	161.6	165.3	168.9	176.2	182.8	190.9	198.9
67.5°	130.2	130.2	133.1	136.7	144.1	147.7	151.4	159.4	166.0	175.5	183.5
70°	111.1	111.9	115.5	119.2	126.5	130.2	134.5	143.3	150.6	160.1	169.6
72.5°	92.9	94.3	97.3	103.1	110.4	114.1	119.2	128.0	135.3	145.5	155.0
75°	76.0	76.8	80.4	87.0	95.1	99.4	103.8	113.3	122.1	131.6	141.1
77.5°	58.5	60.0	64.3	71.7	81.2	85.6	89.9	100.2	109.0	118.5	128.0
80°	43.1	44.6	50.5	57.8	68.0	72.4	77.5	87.7	96.5	106.0	115.5
82.5°	29.2	31.4	37.3	45.3	55.6	60.7	65.8	76.0	85.6	95.1	104.6
85°	17.5	19.7	26.3	35.1	45.3	49.7	54.8	65.8	74.6	84.1	93.6
87.5°	7.3	11.0	17.5	26.3	35.8	40.2	46.1	56.3	65.1	73.9	83.4
90°	0.0	4.4	11.0	19.0	28.5	32.9	37.3	47.5	56.3	65.1	73.9
92.5°	0.0	1.5	6.6	13.2	21.9	25.6	30.0	39.5	47.5	56.3	65.1
95°	0.0	0.7	3.7	9.5	16.1	19.7	24.1	32.9	40.2	49.0	56.3
97.5°	0.0	0.0	2.2	6.6	12.4	15.4	19.0	27.1	34.4	41.7	49.7
100°	0.0	0.0	1.5	4.4	8.8	11.7	14.6	21.9	28.5	35.8	42.4
102.5°	0.0	0.0	0.7	2.9	6.6	8.8	11.0	17.5	23.4	30.0	36.6
105°	0.0	0.0	0.7	1.5	4.4	6.6	8.8	13.9	19.0	24.9	31.4
107.5°	0.0	0.0	0.0	1.5	3.7	5.1	6.6	11.0	15.4	20.5	26.3
110°	0.0	0.0	0.0	0.7	2.2	3.7	5.1	8.8	12.4	16.8	21.9



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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	0.7	1.5	2.2	3.7	6.6	9.5	13.9	17.5
115°	0.0	0.0	0.0	0.0	0.7	1.5	2.2	5.1	7.3	11.0	14.6
117.5°	0.0	0.0	0.0	0.0	0.7	1.5	1.5	3.7	5.8	8.8	11.7
120°	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.9	4.4	6.6	9.5
122.5°	0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.5	2.9	5.1	7.3
125°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.2	3.7	5.8
127.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7	1.5	2.9	4.4
130°	0.7	0.0	0.0	0.0	0.7	0.0	0.7	0.7	1.5	2.2	2.9
132.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	2.2
135°	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.7	0.7	0.7	1.5
137.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5
140°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
150°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
152.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
157.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
160°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
162.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
165°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
167.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
170°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
172.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
175°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
177.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6	520.6
2.5°	521.4	515.5	519.2	518.4	517.7	516.2	519.9	517.0	518.4	518.4
5°	519.2	513.3	517.7	517.7	517.0	515.5	519.2	516.2	518.4	519.2
7.5°	515.5	511.1	515.5	514.8	514.8	513.3	517.0	514.8	517.0	517.0
10°	511.1	506.7	511.1	510.4	510.4	508.9	511.9	509.7	511.9	511.9
12.5°	505.3	500.9	506.0	505.3	504.5	503.8	506.7	504.5	507.5	507.5
15°	498.0	495.0	500.2	499.4	499.4	498.0	501.6	499.4	502.4	501.6
17.5°	489.9	487.0	492.1	492.1	491.4	491.4	493.6	491.4	495.0	495.0
20°	479.0	476.0	481.9	481.9	481.1	481.1	483.3	481.1	485.5	485.5
22.5°	467.3	465.1	470.2	470.9	470.2	470.2	472.4	470.9	475.3	475.3
25°	454.8	454.1	459.2	459.9	459.2	459.9	462.1	460.7	465.1	465.1
27.5°	441.7	441.7	446.8	447.5	448.2	448.2	450.4	449.0	454.1	453.4
30°	427.8	427.8	433.6	435.1	435.1	435.8	438.0	436.5	441.7	441.7
32.5°	413.1	413.9	419.7	421.9	421.9	423.4	424.8	424.1	429.2	430.7
35°	398.5	399.2	405.8	408.0	408.8	409.5	411.7	411.7	416.1	416.8
37.5°	381.7	384.6	390.5	393.4	394.1	395.6	397.8	397.8	402.9	404.4
40°	365.6	369.3	375.9	378.8	379.5	381.0	383.9	383.9	389.0	390.5
42.5°	350.3	354.6	360.5	364.9	365.6	367.8	369.3	370.7	375.9	377.3
45°	333.4	338.6	345.1	349.5	351.0	353.2	354.6	356.8	361.2	363.4
47.5°	317.4	322.5	329.8	334.9	335.6	338.6	340.0	342.2	346.6	348.8
50°	300.5	307.1	314.4	320.3	321.0	323.2	325.4	327.6	332.0	334.2
52.5°	284.4	291.0	298.3	304.2	305.7	307.8	310.0	312.2	317.4	319.5
55°	268.4	274.9	282.3	288.8	290.3	292.5	294.7	297.6	302.7	304.9
57.5°	252.3	259.6	266.9	273.5	274.9	277.9	280.1	283.0	287.4	290.3
60°	236.9	244.2	252.3	258.9	259.6	264.0	265.4	268.4	272.7	274.9
62.5°	220.8	230.3	236.9	244.2	245.7	248.6	250.8	253.7	258.1	261.0
65°	205.5	215.0	221.6	228.9	231.1	234.0	236.2	239.1	243.5	246.4
67.5°	190.9	200.4	207.7	215.0	217.2	219.4	222.3	225.2	228.9	232.5
70°	177.0	187.2	193.8	201.1	203.3	206.2	209.1	211.3	215.7	219.4
72.5°	163.1	173.3	179.9	187.9	189.4	192.3	195.2	198.2	201.8	204.7
75°	149.2	159.4	166.7	174.0	176.2	179.2	182.1	185.0	188.7	191.6
77.5°	136.0	146.2	153.6	161.6	163.1	166.0	169.6	172.6	175.5	178.4
80°	123.6	133.8	141.1	148.4	150.6	153.6	156.5	160.1	163.1	166.0
82.5°	112.6	122.1	128.7	136.7	138.2	141.1	144.1	147.0	149.9	152.8
85°	101.6	111.1	117.7	125.0	126.5	129.4	132.4	135.3	138.9	141.1
87.5°	91.4	100.2	107.5	114.1	115.5	118.5	121.4	123.6	126.5	129.4
90°	81.9	90.7	97.3	103.8	105.3	108.2	110.4	113.3	116.3	118.5
92.5°	72.4	81.2	87.0	93.6	95.1	98.0	100.9	103.1	106.0	108.2
95°	64.3	72.4	78.2	84.8	85.6	88.5	91.4	93.6	96.5	98.0
97.5°	56.3	64.3	70.2	76.0	76.8	79.7	82.6	84.8	87.0	89.2
100°	49.0	56.3	62.2	67.3	68.7	70.9	73.9	76.0	78.2	79.7
102.5°	42.4	49.0	54.1	60.0	60.7	63.6	65.8	68.0	70.2	71.7
105°	36.6	43.1	47.5	52.6	53.4	56.3	58.5	60.7	62.9	63.6
107.5°	31.4	36.6	40.9	46.1	47.5	49.0	51.2	53.4	55.6	56.3
110°	26.3	31.4	35.8	39.5	40.9	43.1	44.6	46.8	48.3	49.0



TEST NUMBER: P893107

CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-MID-3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	21.9	26.3	30.0	34.4	35.1	37.3	38.8	40.2	42.4	43.1
115°	18.3	22.7	25.6	29.2	30.0	31.4	33.6	35.1	36.6	37.3
117.5°	15.4	18.3	21.2	24.1	25.6	27.1	28.5	30.0	30.7	31.4
120°	12.4	15.4	17.5	20.5	21.2	22.7	24.1	24.9	26.3	27.1
122.5°	9.5	12.4	14.6	16.8	17.5	19.0	19.7	21.2	21.9	21.9
125°	7.3	9.5	11.7	13.2	13.9	15.4	16.1	17.5	18.3	18.3
127.5°	5.8	7.3	8.8	11.0	11.0	12.4	13.2	13.9	14.6	14.6
130°	4.4	5.8	7.3	8.0	8.8	9.5	10.2	11.0	11.7	11.7
132.5°	2.9	4.4	5.1	6.6	6.6	7.3	8.0	8.0	8.8	8.8
135°	2.2	2.9	3.7	4.4	5.1	5.1	5.8	6.6	6.6	6.6
137.5°	1.5	2.2	2.9	3.7	3.7	3.7	4.4	4.4	5.1	5.1
140°	0.7	1.5	1.5	2.2	2.2	2.9	2.9	2.9	3.7	3.7
142.5°	0.7	0.7	1.5	1.5	1.5	1.5	2.2	2.2	2.2	2.2
145°	0.7	0.7	0.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5
147.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.5	1.5
150°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
152.5°	0.7	0.7	0.7	0.0	0.0	0.0	0.7	0.7	0.7	0.7
155°	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
160°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
162.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0
165°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0
167.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
170°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0
172.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.7	0.0
175°	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
177.5°	0.7	0.7	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P893107
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-MID-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	17.06	18.59	17.53	19.05	19.53	18.83	20.36	19.30	20.82	21.30
	3H	18.68	20.08	19.16	20.55	21.07	21.41	22.81	21.89	23.27	23.80
	4H	19.27	20.59	19.77	21.08	21.61	22.71	24.03	23.21	24.52	25.06
	6H	19.66	20.90	20.18	21.40	21.95	24.10	25.34	24.62	25.83	26.39
	8H	19.78	20.97	20.31	21.49	22.05	24.84	26.02	25.36	26.54	27.10
	12H	19.86	20.99	20.39	21.51	22.10	25.68	26.81	26.21	27.33	27.92
4H	2H	18.03	19.36	18.53	19.84	20.38	19.37	20.70	19.87	21.18	21.72
	3H	19.96	21.10	20.48	21.62	22.18	22.25	23.38	22.77	23.91	24.47
	4H	20.73	21.76	21.26	22.30	22.89	23.76	24.80	24.29	25.33	25.93
	6H	21.30	22.21	21.85	22.77	23.38	25.39	26.30	25.94	26.87	27.47
	8H	21.47	22.34	22.03	22.90	23.52	26.25	27.11	26.81	27.68	28.30
	12H	21.60	22.38	22.18	22.97	23.60	27.24	28.03	27.82	28.62	29.24
8H	4H	21.62	22.49	22.18	23.05	23.67	24.11	24.97	24.67	25.54	26.16
	6H	22.49	23.23	23.09	23.83	24.46	26.00	26.73	26.59	27.33	27.96
	8H	22.84	23.50	23.45	24.12	24.76	27.06	27.73	27.67	28.34	28.98
	12H	23.11	23.70	23.71	24.30	25.01	28.31	28.90	28.92	29.51	30.21
12H	4H	21.90	22.69	22.49	23.28	23.90	24.15	24.93	24.73	25.53	26.15
	6H	22.94	23.61	23.55	24.22	24.86	26.10	26.76	26.70	27.38	28.01
	8H	23.46	24.05	24.07	24.65	25.36	27.28	27.87	27.89	28.47	29.18