

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: P893112

Luminaire Tested: 2MB-SC3-RND-UNV-CC93-HI-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893112
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-HI-5000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT, HI lum setting
Light Source: -
Ballast/Driver: -

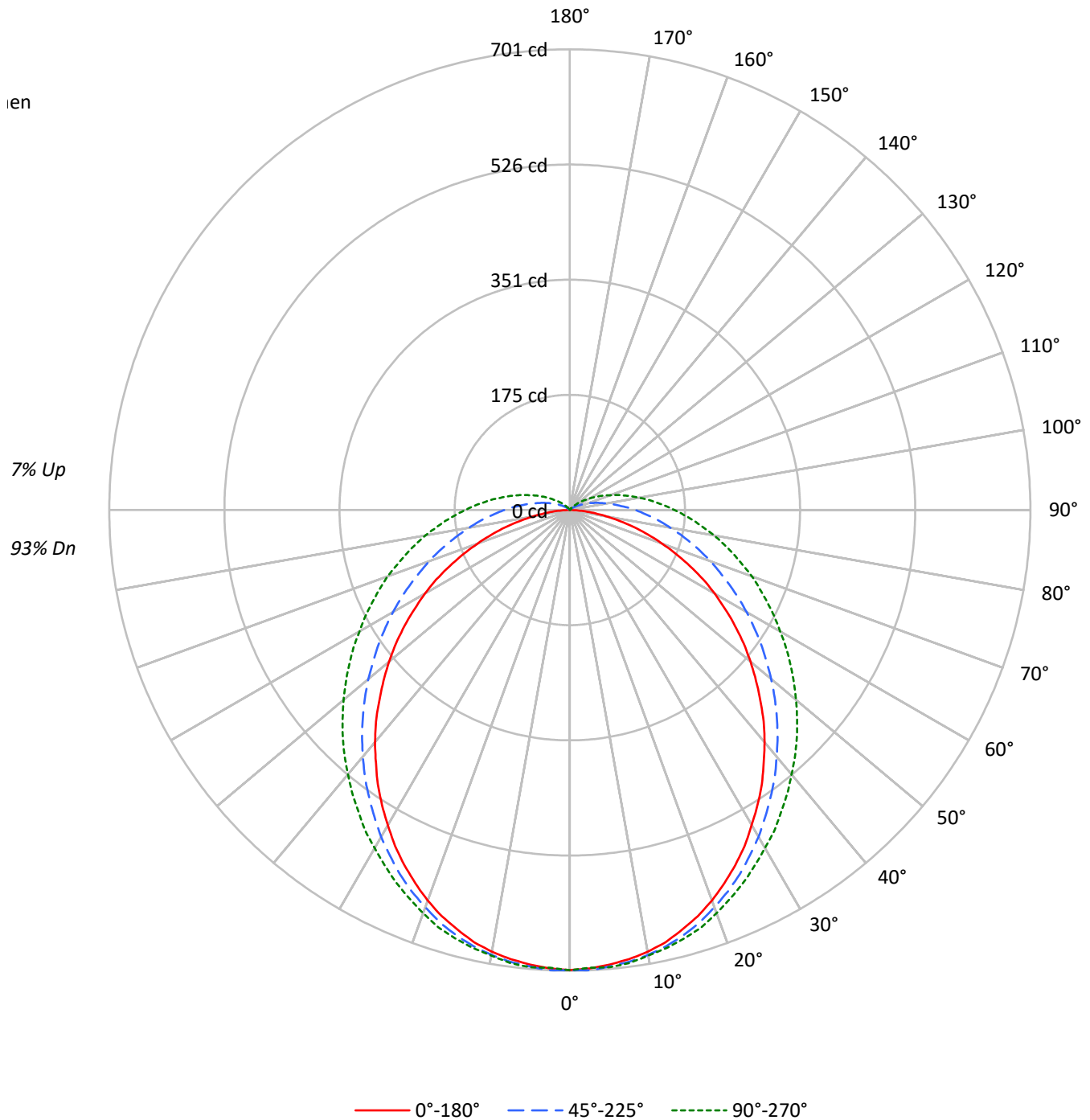
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2278.0 lumens
Efficiency: N/A
Efficacy: 108.5 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): 21
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.39961257980444
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P893112
CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-5000K

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°	10015	10015	10015
5°	9969	10012	10026
10°	9913	9984	9998
15°	9787	9917	9991
20°	9626	9790	9939
25°	9406	9654	9872
30°	9145	9487	9810
35°	8896	9308	9788
40°	8613	9145	9806
45°	8295	9011	9887
50°	7987	8907	10002
55°	7652	8854	10226
60°	7287	8889	10577
65°	6824	9055	11218
70°	6253	9541	12339
75°	5654	10491	14238
80°	4778	12802	18388
85°	3874	20665	31153

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 57065 cd/sqm



TEST NUMBER: P893112
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.1	2.9
10°-20°	188.4	8.3
20°-30°	280.9	12.3
30°-40°	333.3	14.6
40°-50°	344.4	15.1
50°-60°	317.9	14.0
60°-70°	263.9	11.6
70°-80°	195.6	8.6
80°-90°	128.9	5.7
90°-100°	78.4	3.4
100°-110°	44.3	1.9
110°-120°	22.1	1.0
120°-130°	9.2	0.4
130°-140°	2.9	0.1
140°-150°	0.9	0.0
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	535.4	23.5
0°-40°	868.8	38.1
0°-60°	1531.1	67.2
0°-90°	2119.5	93.0
90°-120°	144.8	6.4
90°-150°	157.7	6.9
90°-180°	158.0	6.9
0°-180°	2278.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	700	700	700	700	700	
5°	694	704	697	695	698	66
15°	661	672	670	672	675	186
25°	596	606	612	618	625	274
35°	509	520	533	550	560	318
45°	410	423	445	472	489	317
55°	307	321	355	390	410	274
65°	202	222	268	311	331	200
75°	102	134	190	237	258	108
85°	24	67	126	170	190	26
90°	0	44	99	142	159	1
95°	0	26	76	115	132	0
105°	0	9	42	72	86	0
115°	0	2	20	40	50	0
125°	0	1	8	19	25	0
135°	1	0	2	7	9	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: P893112
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1
2.5°	698.2	696.2	697.2	697.2	700.1	708.0	705.0	705.0	705.0	697.2	701.1
5°	694.2	692.3	693.2	694.2	696.2	704.1	701.1	702.1	701.1	693.2	697.2
7.5°	689.3	687.3	687.3	688.3	691.3	699.1	696.2	697.2	696.2	688.3	693.2
10°	682.4	680.5	681.4	682.4	684.4	693.2	690.3	690.3	690.3	683.4	687.3
12.5°	673.6	671.6	672.6	673.6	676.5	683.4	680.5	681.4	681.4	675.5	679.5
15°	660.8	658.8	660.8	661.8	664.7	671.6	669.6	670.6	670.6	664.7	669.6
17.5°	648.0	645.1	647.0	648.0	651.9	657.8	655.9	657.8	657.8	651.9	657.8
20°	632.3	629.3	631.3	633.3	636.2	642.1	640.1	642.1	642.1	637.2	643.1
22.5°	614.6	611.6	613.6	615.6	619.5	624.4	623.4	625.4	625.4	621.5	628.3
25°	595.9	592.9	595.9	596.9	600.8	605.7	605.7	606.7	607.7	604.7	611.6
27.5°	576.2	572.3	575.2	577.2	581.1	586.1	586.1	588.0	588.0	587.0	592.9
30°	553.6	550.7	554.6	555.6	559.5	564.4	565.4	567.4	567.4	566.4	574.3
32.5°	532.0	529.0	532.0	533.9	538.9	542.8	543.8	545.7	546.7	546.7	553.6
35°	509.4	506.4	509.4	511.3	516.2	520.2	521.2	523.1	524.1	526.1	533.0
37.5°	484.8	482.8	485.8	487.7	492.6	496.6	497.6	500.5	501.5	504.4	512.3
40°	461.2	458.2	461.2	463.1	469.0	472.0	474.0	476.9	478.9	481.8	489.7
42.5°	436.6	434.6	436.6	440.5	444.5	448.4	450.4	453.3	456.3	461.2	468.1
45°	410.0	410.0	412.0	415.9	419.9	422.8	425.8	429.7	432.7	437.6	445.4
47.5°	384.5	384.5	386.4	389.4	394.3	397.3	400.2	405.1	408.1	414.0	422.8
50°	358.9	357.9	360.9	364.8	369.7	372.7	375.6	380.5	384.5	391.4	400.2
52.5°	333.3	331.4	334.3	339.2	343.2	347.1	350.1	355.0	359.9	368.7	376.6
55°	306.8	305.8	308.8	312.7	317.6	320.6	324.5	330.4	336.3	345.1	355.0
57.5°	280.2	280.2	283.2	287.1	293.0	296.0	299.9	306.8	312.7	322.5	332.4
60°	254.7	253.7	256.6	262.5	267.5	271.4	275.3	283.2	290.1	300.9	310.7
62.5°	229.1	228.1	232.1	236.0	242.9	246.8	250.7	259.6	267.5	279.3	289.1
65°	201.6	202.6	205.5	209.4	217.3	222.2	227.1	237.0	245.8	256.6	267.5
67.5°	175.0	175.0	179.0	183.9	193.7	198.6	203.5	214.4	223.2	236.0	246.8
70°	149.5	150.4	155.4	160.3	170.1	175.0	180.9	192.7	202.6	215.3	228.1
72.5°	124.9	126.8	130.8	138.6	148.5	153.4	160.3	172.1	181.9	195.7	208.5
75°	102.3	103.2	108.2	117.0	127.8	133.7	139.6	152.4	164.2	177.0	189.8
77.5°	78.7	80.6	86.5	96.4	109.1	115.0	120.9	134.7	146.5	159.3	172.1
80°	58.0	60.0	67.8	77.7	91.4	97.3	104.2	118.0	129.8	142.6	155.4
82.5°	39.3	42.3	50.1	61.0	74.7	81.6	88.5	102.3	115.0	127.8	140.6
85°	23.6	26.5	35.4	47.2	61.0	66.9	73.7	88.5	100.3	113.1	125.9
87.5°	9.8	14.7	23.6	35.4	48.2	54.1	61.9	75.7	87.5	99.3	112.1
90°	0.0	5.9	14.7	25.6	38.3	44.2	50.1	63.9	75.7	87.5	99.3
92.5°	0.0	2.0	8.8	17.7	29.5	34.4	40.3	53.1	63.9	75.7	87.5
95°	0.0	1.0	4.9	12.8	21.6	26.5	32.4	44.2	54.1	65.9	75.7
97.5°	0.0	0.0	2.9	8.8	16.7	20.6	25.6	36.4	46.2	56.0	66.9
100°	0.0	0.0	2.0	5.9	11.8	15.7	19.7	29.5	38.3	48.2	57.0
102.5°	0.0	0.0	1.0	3.9	8.8	11.8	14.7	23.6	31.5	40.3	49.2
105°	0.0	0.0	1.0	2.0	5.9	8.8	11.8	18.7	25.6	33.4	42.3
107.5°	0.0	0.0	0.0	2.0	4.9	6.9	8.8	14.7	20.6	27.5	35.4
110°	0.0	0.0	0.0	1.0	2.9	4.9	6.9	11.8	16.7	22.6	29.5



TEST NUMBER: P893112
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	1.0	2.0	2.9	4.9	8.8	12.8	18.7	23.6
115°	0.0	0.0	0.0	0.0	1.0	2.0	2.9	6.9	9.8	14.7	19.7
117.5°	0.0	0.0	0.0	0.0	1.0	2.0	2.0	4.9	7.9	11.8	15.7
120°	0.0	0.0	0.0	0.0	1.0	1.0	2.0	3.9	5.9	8.8	12.8
122.5°	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	3.9	6.9	9.8
125°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.9	4.9	7.9
127.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	3.9	5.9
130°	1.0	0.0	0.0	0.0	1.0	0.0	1.0	1.0	2.0	2.9	3.9
132.5°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	2.9
135°	1.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	1.0	1.0	2.0
137.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
140°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
142.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
145°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
147.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
175°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1	700.1
2.5°	701.1	693.2	698.2	697.2	696.2	694.2	699.1	695.2	697.2	697.2
5°	698.2	690.3	696.2	696.2	695.2	693.2	698.2	694.2	697.2	698.2
7.5°	693.2	687.3	693.2	692.3	692.3	690.3	695.2	692.3	695.2	695.2
10°	687.3	681.4	687.3	686.4	686.4	684.4	688.3	685.4	688.3	688.3
12.5°	679.5	673.6	680.5	679.5	678.5	677.5	681.4	678.5	682.4	682.4
15°	669.6	665.7	672.6	671.6	671.6	669.6	674.6	671.6	675.5	674.6
17.5°	658.8	654.9	661.8	661.8	660.8	660.8	663.7	660.8	665.7	665.7
20°	644.1	640.1	648.0	648.0	647.0	647.0	650.0	647.0	652.9	652.9
22.5°	628.3	625.4	632.3	633.3	632.3	632.3	635.2	633.3	639.2	639.2
25°	611.6	610.6	617.5	618.5	617.5	618.5	621.5	619.5	625.4	625.4
27.5°	593.9	593.9	600.8	601.8	602.8	602.8	605.7	603.8	610.6	609.7
30°	575.2	575.2	583.1	585.1	585.1	586.1	589.0	587.0	593.9	593.9
32.5°	555.6	556.6	564.4	567.4	567.4	569.3	571.3	570.3	577.2	579.2
35°	535.9	536.9	545.7	548.7	549.7	550.7	553.6	553.6	559.5	560.5
37.5°	513.3	517.2	525.1	529.0	530.0	532.0	534.9	534.9	541.8	543.8
40°	491.7	496.6	505.4	509.4	510.3	512.3	516.2	516.2	523.1	525.1
42.5°	471.0	476.9	484.8	490.7	491.7	494.6	496.6	498.5	505.4	507.4
45°	448.4	455.3	464.1	470.0	472.0	474.9	476.9	479.9	485.8	488.7
47.5°	426.8	433.6	443.5	450.4	451.3	455.3	457.2	460.2	466.1	469.0
50°	404.1	413.0	422.8	430.7	431.7	434.6	437.6	440.5	446.4	449.4
52.5°	382.5	391.4	401.2	409.1	411.0	414.0	416.9	419.9	426.8	429.7
55°	360.9	369.7	379.6	388.4	390.4	393.3	396.3	400.2	407.1	410.0
57.5°	339.2	349.1	358.9	367.8	369.7	373.7	376.6	380.5	386.4	390.4
60°	318.6	328.4	339.2	348.1	349.1	355.0	356.9	360.9	366.8	369.7
62.5°	297.0	309.7	318.6	328.4	330.4	334.3	337.3	341.2	347.1	351.0
65°	276.3	289.1	297.9	307.8	310.7	314.7	317.6	321.5	327.4	331.4
67.5°	256.6	269.4	279.3	289.1	292.0	295.0	298.9	302.9	307.8	312.7
70°	238.0	251.7	260.6	270.4	273.4	277.3	281.2	284.2	290.1	295.0
72.5°	219.3	233.0	241.9	252.7	254.7	258.6	262.5	266.5	271.4	275.3
75°	200.6	214.4	224.2	234.0	237.0	240.9	244.8	248.8	253.7	257.6
77.5°	182.9	196.7	206.5	217.3	219.3	223.2	228.1	232.1	236.0	239.9
80°	166.2	179.9	189.8	199.6	202.6	206.5	210.4	215.3	219.3	223.2
82.5°	151.4	164.2	173.1	183.9	185.8	189.8	193.7	197.6	201.6	205.5
85°	136.7	149.5	158.3	168.1	170.1	174.0	178.0	181.9	186.8	189.8
87.5°	122.9	134.7	144.5	153.4	155.4	159.3	163.2	166.2	170.1	174.0
90°	110.1	121.9	130.8	139.6	141.6	145.5	148.5	152.4	156.3	159.3
92.5°	97.3	109.1	117.0	125.9	127.8	131.8	135.7	138.6	142.6	145.5
95°	86.5	97.3	105.2	114.1	115.0	119.0	122.9	125.9	129.8	131.8
97.5°	75.7	86.5	94.4	102.3	103.2	107.2	111.1	114.1	117.0	120.0
100°	65.9	75.7	83.6	90.5	92.4	95.4	99.3	102.3	105.2	107.2
102.5°	57.0	65.9	72.8	80.6	81.6	85.5	88.5	91.4	94.4	96.4
105°	49.2	58.0	63.9	70.8	71.8	75.7	78.7	81.6	84.6	85.5
107.5°	42.3	49.2	55.1	61.9	63.9	65.9	68.8	71.8	74.7	75.7
110°	35.4	42.3	48.2	53.1	55.1	58.0	60.0	62.9	64.9	65.9



TEST NUMBER: P893112
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	29.5	35.4	40.3	46.2	47.2	50.1	52.1	54.1	57.0	58.0
115°	24.6	30.5	34.4	39.3	40.3	42.3	45.2	47.2	49.2	50.1
117.5°	20.6	24.6	28.5	32.4	34.4	36.4	38.3	40.3	41.3	42.3
120°	16.7	20.6	23.6	27.5	28.5	30.5	32.4	33.4	35.4	36.4
122.5°	12.8	16.7	19.7	22.6	23.6	25.6	26.5	28.5	29.5	29.5
125°	9.8	12.8	15.7	17.7	18.7	20.6	21.6	23.6	24.6	24.6
127.5°	7.9	9.8	11.8	14.7	14.7	16.7	17.7	18.7	19.7	19.7
130°	5.9	7.9	9.8	10.8	11.8	12.8	13.8	14.7	15.7	15.7
132.5°	3.9	5.9	6.9	8.8	8.8	9.8	10.8	10.8	11.8	11.8
135°	2.9	3.9	4.9	5.9	6.9	6.9	7.9	8.8	8.8	8.8
137.5°	2.0	2.9	3.9	4.9	4.9	4.9	5.9	5.9	6.9	6.9
140°	1.0	2.0	2.0	2.9	2.9	3.9	3.9	3.9	4.9	4.9
142.5°	1.0	1.0	2.0	2.0	2.0	2.0	2.9	2.9	2.9	2.9
145°	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
147.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
165°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0
175°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
177.5°	1.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P893112
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-5000K

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	18.08	19.62	18.55	20.07	20.56	19.86	21.39	20.32	21.85	22.33
	3H	19.71	21.11	20.19	21.58	22.10	22.44	23.84	22.92	24.30	24.83
	4H	20.29	21.62	20.80	22.11	22.64	23.74	25.06	24.24	25.55	26.08
	6H	20.69	21.93	21.21	22.43	22.98	25.13	26.37	25.64	26.86	27.42
	8H	20.81	22.00	21.34	22.52	23.08	25.87	27.05	26.39	27.57	28.13
	12H	20.89	22.02	21.42	22.54	23.13	26.71	27.84	27.24	28.36	28.95
4H	2H	19.06	20.39	19.56	20.87	21.41	20.40	21.73	20.90	22.21	22.75
	3H	20.99	22.12	21.51	22.65	23.21	23.28	24.41	23.79	24.94	25.50
	4H	21.76	22.79	22.29	23.33	23.92	24.79	25.83	25.32	26.36	26.96
	6H	22.32	23.24	22.88	23.80	24.41	26.42	27.33	26.97	27.89	28.50
	8H	22.50	23.37	23.06	23.93	24.55	27.28	28.14	27.84	28.71	29.33
	12H	22.62	23.41	23.21	24.00	24.62	28.27	29.05	28.85	29.64	30.27
8H	4H	22.65	23.51	23.21	24.08	24.70	25.14	26.00	25.70	26.57	27.19
	6H	23.52	24.26	24.12	24.86	25.49	27.03	27.76	27.62	28.36	28.99
	8H	23.87	24.53	24.48	25.15	25.79	28.09	28.76	28.70	29.37	30.01
	12H	24.14	24.73	24.74	25.33	26.04	29.34	29.93	29.95	30.53	31.24
12H	4H	22.93	23.72	23.52	24.31	24.93	25.18	25.96	25.76	26.55	27.18
	6H	23.97	24.64	24.58	25.25	25.89	27.13	27.79	27.73	28.41	29.04
	8H	24.49	25.08	25.09	25.68	26.39	28.31	28.90	28.91	29.50	30.21