

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: P893102

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

Issue Date: 11/11/2024

**Test Information**

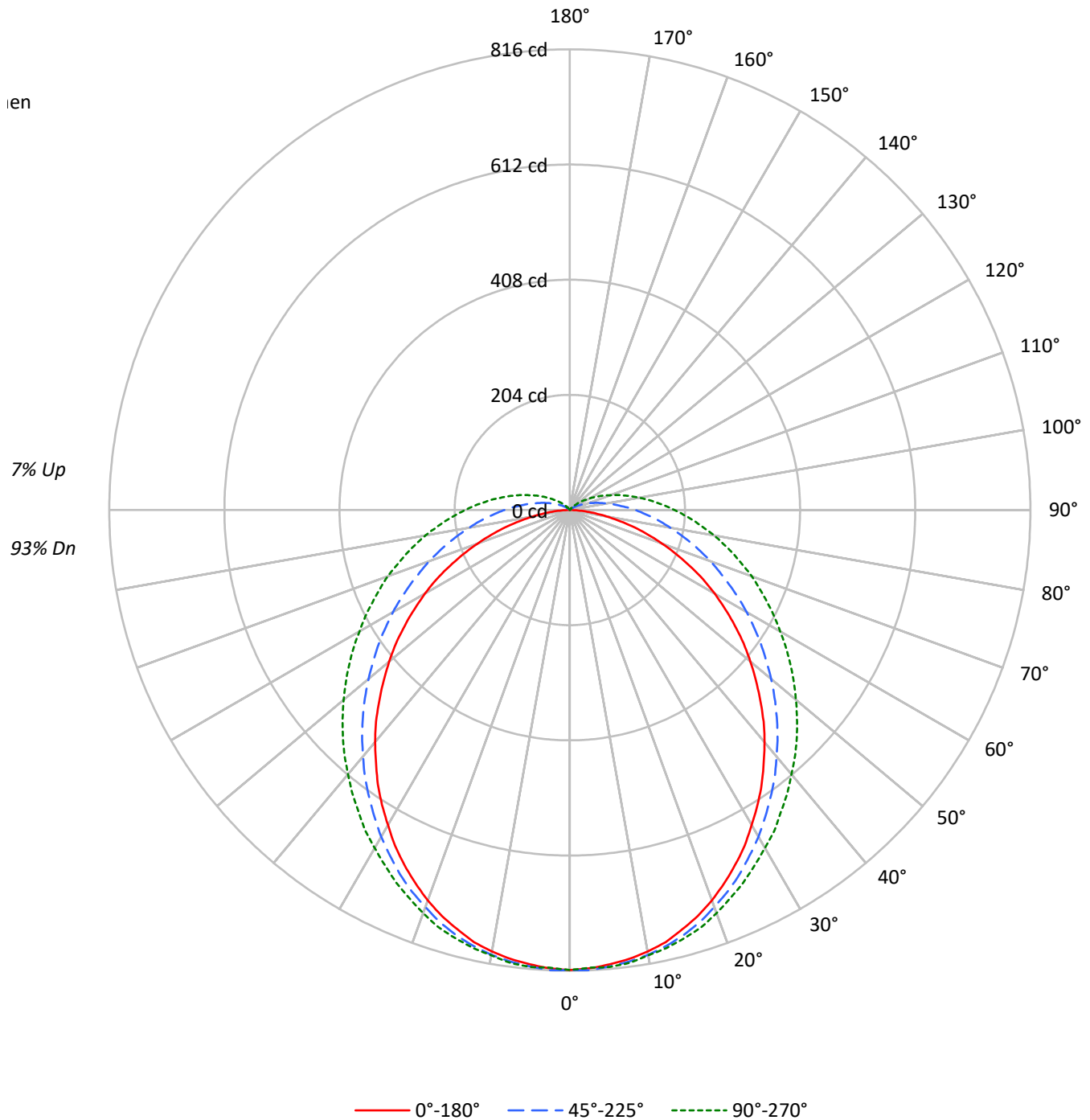
Test Method: LM-79-2019  
Report Number: P893102  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-SC3-RND-UNV-CC83-HI-4000K  
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 4000K CCT, HI lum setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2650.9 lumens  
Efficiency: N/A  
Efficacy: 126.2 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: P893102  
CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-4000K

### Luminous Intensity Polar Plot





TEST NUMBER: P893102

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

**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°	11656	11656	11656
5°	11602	11650	11668
10°	11537	11619	11635
15°	11389	11542	11626
20°	11202	11393	11567
25°	10946	11235	11488
30°	10643	11039	11418
35°	10353	10831	11392
40°	10023	10643	11412
45°	9654	10488	11505
50°	9296	10364	11640
55°	8904	10303	11902
60°	8480	10346	12311
65°	7941	10537	13052
70°	7274	11105	14359
75°	6577	12210	16571
80°	5561	14895	21403
85°	4514	24046	36258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 66412 cd/sqm



TEST NUMBER: P893102  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-4000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.0	2.9
10°-20°	219.2	8.3
20°-30°	326.9	12.3
30°-40°	387.9	14.6
40°-50°	400.9	15.1
50°-60°	370.0	14.0
60°-70°	307.1	11.6
70°-80°	227.6	8.6
80°-90°	150.1	5.7
90°-100°	91.2	3.4
100°-110°	51.6	1.9
110°-120°	25.7	1.0
120°-130°	10.7	0.4
130°-140°	3.4	0.1
140°-150°	1.0	0.0
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	623.1	23.5
0°-40°	1011.0	38.1
0°-60°	1781.9	67.2
0°-90°	2466.6	93.0
90°-120°	168.5	6.4
90°-150°	183.5	6.9
90°-180°	184.0	6.9
0°-180°	2650.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	815	815	815	815	815	
5°	808	819	811	809	812	77
15°	769	782	779	782	785	217
25°	694	705	712	719	728	319
35°	593	605	620	640	652	370
45°	477	492	518	549	569	369
55°	357	373	413	454	477	319
65°	235	259	311	362	386	232
75°	119	156	221	276	300	126
85°	28	78	146	198	221	31
90°	0	52	116	165	185	2
95°	0	31	88	134	153	0
105°	0	10	49	84	100	0
115°	0	2	23	47	58	0
125°	0	1	9	22	29	0
135°	1	0	2	8	10	1
145°	1	1	1	2	2	1
155°	1	1	1	0	0	1
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



TEST NUMBER: P893102  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-4000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8
2.5°	812.5	810.2	811.3	811.3	814.8	823.9	820.5	820.5	820.5	811.3	815.9
5°	807.9	805.6	806.7	807.9	810.2	819.3	815.9	817.0	815.9	806.7	811.3
7.5°	802.2	799.9	799.9	801.0	804.5	813.6	810.2	811.3	810.2	801.0	806.7
10°	794.2	791.9	793.0	794.2	796.4	806.7	803.3	803.3	803.3	795.3	799.9
12.5°	783.9	781.6	782.7	783.9	787.3	795.3	791.9	793.0	793.0	786.1	790.7
15°	769.0	766.7	769.0	770.1	773.6	781.6	779.3	780.4	780.4	773.6	779.3
17.5°	754.1	750.7	753.0	754.1	758.7	765.6	763.3	765.6	765.6	758.7	765.6
20°	735.8	732.4	734.7	736.9	740.4	747.2	745.0	747.2	747.2	741.5	748.4
22.5°	715.2	711.8	714.1	716.3	720.9	726.6	725.5	727.8	727.8	723.2	731.2
25°	693.5	690.0	693.5	694.6	699.2	704.9	704.9	706.0	707.2	703.8	711.8
27.5°	670.6	666.0	669.4	671.7	676.3	682.0	682.0	684.3	684.3	683.2	690.0
30°	644.3	640.8	645.4	646.5	651.1	656.8	658.0	660.3	660.3	659.1	668.3
32.5°	619.1	615.6	619.1	621.4	627.1	631.7	632.8	635.1	636.2	636.2	644.3
35°	592.8	589.3	592.8	595.0	600.8	605.3	606.5	608.8	609.9	612.2	620.2
37.5°	564.2	561.9	565.3	567.6	573.3	577.9	579.0	582.5	583.6	587.0	596.2
40°	536.7	533.3	536.7	539.0	545.8	549.3	551.6	555.0	557.3	560.7	569.9
42.5°	508.1	505.8	508.1	512.7	517.2	521.8	524.1	527.5	531.0	536.7	544.7
45°	477.2	477.2	479.5	484.0	488.6	492.1	495.5	500.1	503.5	509.2	518.4
47.5°	447.4	447.4	449.7	453.2	458.9	462.3	465.7	471.5	474.9	481.8	492.1
50°	417.7	416.5	420.0	424.5	430.3	433.7	437.1	442.9	447.4	455.4	465.7
52.5°	387.9	385.6	389.1	394.8	399.4	403.9	407.4	413.1	418.8	429.1	438.3
55°	357.0	355.9	359.3	363.9	369.6	373.0	377.6	384.5	391.4	401.7	413.1
57.5°	326.1	326.1	329.6	334.1	341.0	344.4	349.0	357.0	363.9	375.3	386.8
60°	296.4	295.2	298.7	305.5	311.3	315.8	320.4	329.6	337.6	350.2	361.6
62.5°	266.6	265.5	270.1	274.6	282.6	287.2	291.8	302.1	311.3	325.0	336.4
65°	234.6	235.7	239.2	243.7	252.9	258.6	264.3	275.8	286.1	298.7	311.3
67.5°	203.7	203.7	208.3	214.0	225.4	231.2	236.9	249.5	259.8	274.6	287.2
70°	173.9	175.1	180.8	186.5	198.0	203.7	210.6	224.3	235.7	250.6	265.5
72.5°	145.3	147.6	152.2	161.3	172.8	178.5	186.5	200.3	211.7	227.7	242.6
75°	119.0	120.2	125.9	136.2	148.8	155.6	162.5	177.4	191.1	206.0	220.9
77.5°	91.5	93.8	100.7	112.1	127.0	133.9	140.8	156.8	170.5	185.4	200.3
80°	67.5	69.8	79.0	90.4	106.4	113.3	121.3	137.3	151.1	165.9	180.8
82.5°	45.8	49.2	58.4	70.9	87.0	95.0	103.0	119.0	133.9	148.8	163.6
85°	27.5	30.9	41.2	54.9	70.9	77.8	85.8	103.0	116.7	131.6	146.5
87.5°	11.4	17.2	27.5	41.2	56.1	62.9	72.1	88.1	101.8	115.6	130.5
90°	0.0	6.9	17.2	29.8	44.6	51.5	58.4	74.4	88.1	101.8	115.6
92.5°	0.0	2.3	10.3	20.6	34.3	40.1	46.9	61.8	74.4	88.1	101.8
95°	0.0	1.1	5.7	14.9	25.2	30.9	37.8	51.5	62.9	76.7	88.1
97.5°	0.0	0.0	3.4	10.3	19.5	24.0	29.8	42.3	53.8	65.2	77.8
100°	0.0	0.0	2.3	6.9	13.7	18.3	22.9	34.3	44.6	56.1	66.4
102.5°	0.0	0.0	1.1	4.6	10.3	13.7	17.2	27.5	36.6	46.9	57.2
105°	0.0	0.0	1.1	2.3	6.9	10.3	13.7	21.7	29.8	38.9	49.2
107.5°	0.0	0.0	0.0	2.3	5.7	8.0	10.3	17.2	24.0	32.0	41.2
110°	0.0	0.0	0.0	1.1	3.4	5.7	8.0	13.7	19.5	26.3	34.3



TEST NUMBER: P893102  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	1.1	2.3	3.4	5.7	10.3	14.9	21.7	27.5
115°	0.0	0.0	0.0	0.0	1.1	2.3	3.4	8.0	11.4	17.2	22.9
117.5°	0.0	0.0	0.0	0.0	1.1	2.3	2.3	5.7	9.2	13.7	18.3
120°	0.0	0.0	0.0	0.0	1.1	1.1	2.3	4.6	6.9	10.3	14.9
122.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	2.3	4.6	8.0	11.4
125°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3	3.4	5.7	9.2
127.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	2.3	4.6	6.9
130°	1.1	0.0	0.0	0.0	1.1	0.0	1.1	1.1	2.3	3.4	4.6
132.5°	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3	3.4
135°	1.1	1.1	0.0	0.0	1.1	0.0	0.0	1.1	1.1	1.1	2.3
137.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3
140°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
145°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
157.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
170°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
172.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
175°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
177.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P893102  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-4000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8	814.8
2.5°	815.9	806.7	812.5	811.3	810.2	807.9	813.6	809.0	811.3	811.3
5°	812.5	803.3	810.2	810.2	809.0	806.7	812.5	807.9	811.3	812.5
7.5°	806.7	799.9	806.7	805.6	805.6	803.3	809.0	805.6	809.0	809.0
10°	799.9	793.0	799.9	798.7	798.7	796.4	801.0	797.6	801.0	801.0
12.5°	790.7	783.9	791.9	790.7	789.6	788.4	793.0	789.6	794.2	794.2
15°	779.3	774.7	782.7	781.6	781.6	779.3	785.0	781.6	786.1	785.0
17.5°	766.7	762.1	770.1	770.1	769.0	769.0	772.4	769.0	774.7	774.7
20°	749.5	745.0	754.1	754.1	753.0	753.0	756.4	753.0	759.8	759.8
22.5°	731.2	727.8	735.8	736.9	735.8	735.8	739.2	736.9	743.8	743.8
25°	711.8	710.6	718.6	719.8	718.6	719.8	723.2	720.9	727.8	727.8
27.5°	691.2	691.2	699.2	700.3	701.5	701.5	704.9	702.6	710.6	709.5
30°	669.4	669.4	678.6	680.9	680.9	682.0	685.4	683.2	691.2	691.2
32.5°	646.5	647.7	656.8	660.3	660.3	662.6	664.9	663.7	671.7	674.0
35°	623.7	624.8	635.1	638.5	639.7	640.8	644.3	644.3	651.1	652.3
37.5°	597.3	601.9	611.1	615.6	616.8	619.1	622.5	622.5	630.5	632.8
40°	572.2	577.9	588.2	592.8	593.9	596.2	600.8	600.8	608.8	611.1
42.5°	548.1	555.0	564.2	571.0	572.2	575.6	577.9	580.2	588.2	590.5
45°	521.8	529.8	540.1	547.0	549.3	552.7	555.0	558.4	565.3	568.7
47.5°	496.6	504.6	516.1	524.1	525.2	529.8	532.1	535.5	542.4	545.8
50°	470.3	480.6	492.1	501.2	502.4	505.8	509.2	512.7	519.5	523.0
52.5°	445.1	455.4	466.9	476.0	478.3	481.8	485.2	488.6	496.6	500.1
55°	420.0	430.3	441.7	452.0	454.3	457.7	461.2	465.7	473.7	477.2
57.5°	394.8	406.2	417.7	428.0	430.3	434.8	438.3	442.9	449.7	454.3
60°	370.8	382.2	394.8	405.1	406.2	413.1	415.4	420.0	426.8	430.3
62.5°	345.6	360.5	370.8	382.2	384.5	389.1	392.5	397.1	403.9	408.5
65°	321.6	336.4	346.7	358.2	361.6	366.2	369.6	374.2	381.1	385.6
67.5°	298.7	313.5	325.0	336.4	339.9	343.3	347.9	352.5	358.2	363.9
70°	276.9	292.9	303.2	314.7	318.1	322.7	327.3	330.7	337.6	343.3
72.5°	255.2	271.2	281.5	294.1	296.4	301.0	305.5	310.1	315.8	320.4
75°	233.4	249.5	260.9	272.3	275.8	280.4	284.9	289.5	295.2	299.8
77.5°	212.8	228.9	240.3	252.9	255.2	259.8	265.5	270.1	274.6	279.2
80°	193.4	209.4	220.9	232.3	235.7	240.3	244.9	250.6	255.2	259.8
82.5°	176.2	191.1	201.4	214.0	216.3	220.9	225.4	230.0	234.6	239.2
85°	159.1	173.9	184.2	195.7	198.0	202.5	207.1	211.7	217.4	220.9
87.5°	143.0	156.8	168.2	178.5	180.8	185.4	190.0	193.4	198.0	202.5
90°	128.2	141.9	152.2	162.5	164.8	169.4	172.8	177.4	181.9	185.4
92.5°	113.3	127.0	136.2	146.5	148.8	153.3	157.9	161.3	165.9	169.4
95°	100.7	113.3	122.4	132.7	133.9	138.5	143.0	146.5	151.1	153.3
97.5°	88.1	100.7	109.9	119.0	120.2	124.7	129.3	132.7	136.2	139.6
100°	76.7	88.1	97.3	105.3	107.6	111.0	115.6	119.0	122.4	124.7
102.5°	66.4	76.7	84.7	93.8	95.0	99.6	103.0	106.4	109.9	112.1
105°	57.2	67.5	74.4	82.4	83.5	88.1	91.5	95.0	98.4	99.6
107.5°	49.2	57.2	64.1	72.1	74.4	76.7	80.1	83.5	87.0	88.1
110°	41.2	49.2	56.1	61.8	64.1	67.5	69.8	73.2	75.5	76.7





TEST NUMBER: P893102  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-4000K

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	34.3	41.2	46.9	53.8	54.9	58.4	60.6	62.9	66.4	67.5
115°	28.6	35.5	40.1	45.8	46.9	49.2	52.6	54.9	57.2	58.4
117.5°	24.0	28.6	33.2	37.8	40.1	42.3	44.6	46.9	48.1	49.2
120°	19.5	24.0	27.5	32.0	33.2	35.5	37.8	38.9	41.2	42.3
122.5°	14.9	19.5	22.9	26.3	27.5	29.8	30.9	33.2	34.3	34.3
125°	11.4	14.9	18.3	20.6	21.7	24.0	25.2	27.5	28.6	28.6
127.5°	9.2	11.4	13.7	17.2	17.2	19.5	20.6	21.7	22.9	22.9
130°	6.9	9.2	11.4	12.6	13.7	14.9	16.0	17.2	18.3	18.3
132.5°	4.6	6.9	8.0	10.3	10.3	11.4	12.6	12.6	13.7	13.7
135°	3.4	4.6	5.7	6.9	8.0	8.0	9.2	10.3	10.3	10.3
137.5°	2.3	3.4	4.6	5.7	5.7	5.7	6.9	6.9	8.0	8.0
140°	1.1	2.3	2.3	3.4	3.4	4.6	4.6	4.6	5.7	5.7
142.5°	1.1	1.1	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4
145°	1.1	1.1	1.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3
147.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	0.0	0.0	0.0	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0
165°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	1.1	0.0	0.0
167.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0
170°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
172.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	1.1	0.0
175°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
177.5°	1.1	1.1	1.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



TEST NUMBER: P893102  
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-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	18.61	20.15	19.08	20.60	21.09	20.38	21.92	20.85	22.37	22.86
	3H	20.24	21.64	20.72	22.10	22.63	22.96	24.36	23.45	24.83	25.35
	4H	20.82	22.15	21.32	22.63	23.17	24.26	25.59	24.76	26.07	26.61
	6H	21.22	22.46	21.74	22.95	23.51	25.66	26.89	26.17	27.39	27.94
	8H	21.34	22.52	21.87	23.04	23.60	26.39	27.58	26.92	28.10	28.66
	12H	21.41	22.55	21.95	23.06	23.65	27.23	28.37	27.77	28.88	29.47
4H	2H	19.59	20.91	20.09	21.40	21.93	20.93	22.25	21.43	22.74	23.27
	3H	21.52	22.65	22.03	23.18	23.74	23.81	24.94	24.32	25.46	26.02
	4H	22.28	23.32	22.82	23.86	24.45	25.32	26.35	25.85	26.89	27.48
	6H	22.85	23.77	23.41	24.33	24.94	26.94	27.86	27.50	28.42	29.03
	8H	23.03	23.89	23.59	24.46	25.08	27.81	28.67	28.37	29.23	29.85
	12H	23.15	23.94	23.73	24.53	25.15	28.80	29.58	29.38	30.17	30.80
8H	4H	23.18	24.04	23.74	24.60	25.22	25.67	26.53	26.23	27.09	27.71
	6H	24.05	24.78	24.64	25.39	26.01	27.55	28.29	28.14	28.89	29.52
	8H	24.40	25.06	25.00	25.68	26.31	28.62	29.28	29.22	29.90	30.54
	12H	24.66	25.26	25.27	25.86	26.56	29.87	30.46	30.47	31.06	31.77
12H	4H	23.46	24.25	24.04	24.84	25.46	25.71	26.49	26.29	27.08	27.71
	6H	24.50	25.16	25.11	25.78	26.42	27.65	28.32	28.26	28.93	29.57
	8H	25.02	25.61	25.62	26.21	26.92	28.84	29.43	29.44	30.03	30.73