

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: P893110

Luminaire Tested: 2MB-SC3-RND-UNV-CC93-HI-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893110
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-3500K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 3500K CCT, HI lum setting
Light Source: -
Ballast/Driver: -

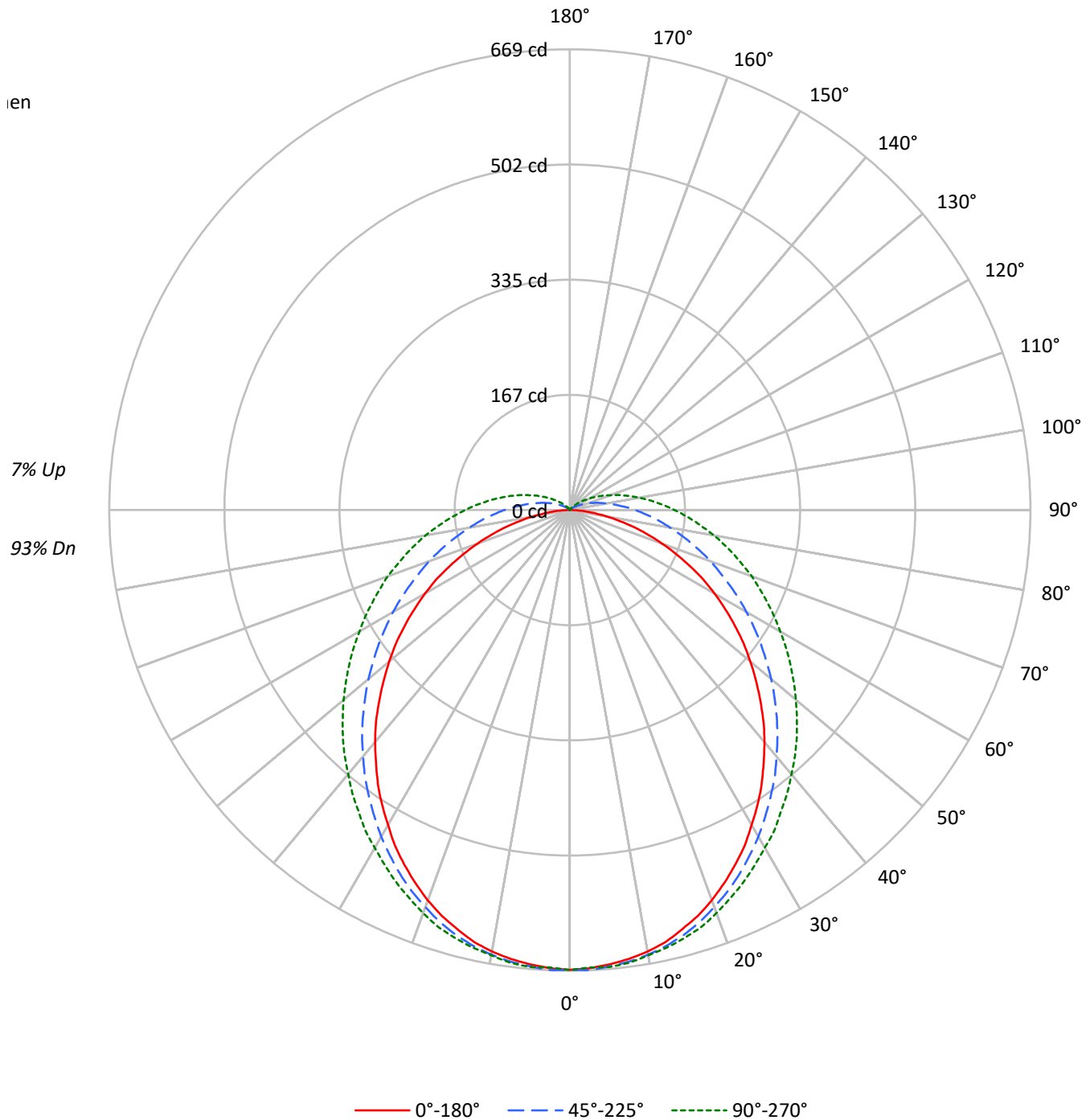
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2172.9 lumens
Efficiency: N/A
Efficacy: 103.5 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

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CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-3500K

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°	9553	9553	9553
5°	9509	9549	9564
10°	9457	9525	9538
15°	9335	9461	9530
20°	9181	9338	9481
25°	8972	9209	9417
30°	8723	9049	9358
35°	8486	8879	9338
40°	8215	8723	9354
45°	7912	8596	9432
50°	7620	8497	9541
55°	7300	8445	9754
60°	6950	8480	10091
65°	6509	8635	10700
70°	5964	9101	11770
75°	5395	10004	13586
80°	4556	12209	17539
85°	3693	19713	29709

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 54442 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	2.9
10°-20°	179.7	8.3
20°-30°	267.9	12.3
30°-40°	318.0	14.6
40°-50°	328.6	15.1
50°-60°	303.3	14.0
60°-70°	251.7	11.6
70°-80°	186.5	8.6
80°-90°	123.0	5.7
90°-100°	74.8	3.4
100°-110°	42.3	1.9
110°-120°	21.1	1.0
120°-130°	8.8	0.4
130°-140°	2.8	0.1
140°-150°	0.8	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	510.7	23.5
0°-40°	828.7	38.1
0°-60°	1460.6	67.2
0°-90°	2021.9	93.0
90°-120°	138.1	6.4
90°-150°	150.4	6.9
90°-180°	151.0	6.9
0°-180°	2172.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	668	668	668	668	668	
5°	662	672	665	663	666	63
15°	630	641	639	641	644	178
25°	568	578	583	589	597	262
35°	486	496	508	524	535	304
45°	391	403	425	450	466	302
55°	293	306	339	372	391	262
65°	192	212	255	296	316	191
75°	98	128	181	226	246	103
85°	22	64	120	162	181	25
90°	0	42	95	135	152	1
95°	0	25	72	110	126	0
105°	0	8	40	68	82	0
115°	0	2	19	38	48	0
125°	0	1	8	18	23	0
135°	1	0	2	7	8	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: P893110
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8
2.5°	666.0	664.1	665.0	665.0	667.8	675.4	672.5	672.5	672.5	665.0	668.8
5°	662.2	660.3	661.3	662.2	664.1	671.6	668.8	669.7	668.8	661.3	665.0
7.5°	657.5	655.7	655.7	656.6	659.4	666.9	664.1	665.0	664.1	656.6	661.3
10°	651.0	649.1	650.0	651.0	652.8	661.3	658.5	658.5	658.5	651.9	655.7
12.5°	642.5	640.6	641.6	642.5	645.3	651.9	649.1	650.0	650.0	644.4	648.2
15°	630.3	628.5	630.3	631.3	634.1	640.6	638.8	639.7	639.7	634.1	638.8
17.5°	618.1	615.3	617.2	618.1	621.9	627.5	625.6	627.5	627.5	621.9	627.5
20°	603.1	600.3	602.2	604.1	606.9	612.5	610.6	612.5	612.5	607.8	613.4
22.5°	586.2	583.4	585.3	587.2	590.9	595.6	594.7	596.6	596.6	592.8	599.4
25°	568.4	565.6	568.4	569.4	573.1	577.8	577.8	578.7	579.7	576.9	583.4
27.5°	549.7	545.9	548.7	550.6	554.4	559.0	559.0	560.9	560.9	560.0	565.6
30°	528.1	525.3	529.0	530.0	533.7	538.4	539.3	541.2	541.2	540.3	547.8
32.5°	507.5	504.6	507.5	509.3	514.0	517.8	518.7	520.6	521.5	521.5	528.1
35°	485.9	483.1	485.9	487.8	492.4	496.2	497.1	499.0	499.9	501.8	508.4
37.5°	462.4	460.6	463.4	465.2	469.9	473.7	474.6	477.4	478.4	481.2	488.7
40°	439.9	437.1	439.9	441.8	447.4	450.2	452.1	454.9	456.8	459.6	467.1
42.5°	416.5	414.6	416.5	420.2	424.0	427.7	429.6	432.4	435.2	439.9	446.5
45°	391.1	391.1	393.0	396.8	400.5	403.3	406.1	409.9	412.7	417.4	424.9
47.5°	366.8	366.8	368.6	371.4	376.1	378.9	381.8	386.5	389.3	394.9	403.3
50°	342.4	341.4	344.2	348.0	352.7	355.5	358.3	363.0	366.8	373.3	381.8
52.5°	318.0	316.1	318.9	323.6	327.4	331.1	333.9	338.6	343.3	351.7	359.3
55°	292.7	291.7	294.5	298.3	303.0	305.8	309.5	315.2	320.8	329.2	338.6
57.5°	267.3	267.3	270.1	273.9	279.5	282.3	286.1	292.7	298.3	307.7	317.0
60°	242.9	242.0	244.8	250.4	255.1	258.9	262.6	270.1	276.7	287.0	296.4
62.5°	218.6	217.6	221.4	225.1	231.7	235.4	239.2	247.6	255.1	266.4	275.8
65°	192.3	193.2	196.0	199.8	207.3	212.0	216.7	226.1	234.5	244.8	255.1
67.5°	167.0	167.0	170.7	175.4	184.8	189.5	194.2	204.5	212.9	225.1	235.4
70°	142.6	143.5	148.2	152.9	162.3	167.0	172.6	183.8	193.2	205.4	217.6
72.5°	119.1	121.0	124.8	132.3	141.6	146.3	152.9	164.1	173.5	186.7	198.9
75°	97.6	98.5	103.2	111.6	121.9	127.6	133.2	145.4	156.6	168.8	181.0
77.5°	75.0	76.9	82.5	91.9	104.1	109.7	115.4	128.5	139.8	152.0	164.1
80°	55.3	57.2	64.7	74.1	87.2	92.9	99.4	112.6	123.8	136.0	148.2
82.5°	37.5	40.3	47.8	58.2	71.3	77.9	84.4	97.6	109.7	121.9	134.1
85°	22.5	25.3	33.8	45.0	58.2	63.8	70.3	84.4	95.7	107.9	120.1
87.5°	9.4	14.1	22.5	33.8	46.0	51.6	59.1	72.2	83.5	94.7	106.9
90°	0.0	5.6	14.1	24.4	36.6	42.2	47.8	61.0	72.2	83.5	94.7
92.5°	0.0	1.9	8.4	16.9	28.1	32.8	38.5	50.7	61.0	72.2	83.5
95°	0.0	0.9	4.7	12.2	20.6	25.3	31.0	42.2	51.6	62.8	72.2
97.5°	0.0	0.0	2.8	8.4	15.9	19.7	24.4	34.7	44.1	53.5	63.8
100°	0.0	0.0	1.9	5.6	11.3	15.0	18.8	28.1	36.6	46.0	54.4
102.5°	0.0	0.0	0.9	3.8	8.4	11.3	14.1	22.5	30.0	38.5	46.9
105°	0.0	0.0	0.9	1.9	5.6	8.4	11.3	17.8	24.4	31.9	40.3
107.5°	0.0	0.0	0.0	1.9	4.7	6.6	8.4	14.1	19.7	26.3	33.8
110°	0.0	0.0	0.0	0.9	2.8	4.7	6.6	11.3	15.9	21.6	28.1



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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	0.9	1.9	2.8	4.7	8.4	12.2	17.8	22.5
115°	0.0	0.0	0.0	0.0	0.9	1.9	2.8	6.6	9.4	14.1	18.8
117.5°	0.0	0.0	0.0	0.0	0.9	1.9	1.9	4.7	7.5	11.3	15.0
120°	0.0	0.0	0.0	0.0	0.9	0.9	1.9	3.8	5.6	8.4	12.2
122.5°	0.0	0.0	0.0	0.0	0.9	0.9	0.9	1.9	3.8	6.6	9.4
125°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.9	2.8	4.7	7.5
127.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	1.9	3.8	5.6
130°	0.9	0.0	0.0	0.0	0.9	0.0	0.9	0.9	1.9	2.8	3.8
132.5°	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.9	2.8
135°	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.9	0.9	0.9	1.9
137.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9
140°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
142.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
145°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
147.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
157.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
160°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
162.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
165°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
177.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8	667.8
2.5°	668.8	661.3	666.0	665.0	664.1	662.2	666.9	663.2	665.0	665.0
5°	666.0	658.5	664.1	664.1	663.2	661.3	666.0	662.2	665.0	666.0
7.5°	661.3	655.7	661.3	660.3	660.3	658.5	663.2	660.3	663.2	663.2
10°	655.7	650.0	655.7	654.7	654.7	652.8	656.6	653.8	656.6	656.6
12.5°	648.2	642.5	649.1	648.2	647.2	646.3	650.0	647.2	651.0	651.0
15°	638.8	635.0	641.6	640.6	640.6	638.8	643.5	640.6	644.4	643.5
17.5°	628.5	624.7	631.3	631.3	630.3	630.3	633.1	630.3	635.0	635.0
20°	614.4	610.6	618.1	618.1	617.2	617.2	620.0	617.2	622.8	622.8
22.5°	599.4	596.6	603.1	604.1	603.1	603.1	605.9	604.1	609.7	609.7
25°	583.4	582.5	589.1	590.0	589.1	590.0	592.8	590.9	596.6	596.6
27.5°	566.5	566.5	573.1	574.0	575.0	575.0	577.8	575.9	582.5	581.6
30°	548.7	548.7	556.2	558.1	558.1	559.0	561.9	560.0	566.5	566.5
32.5°	530.0	530.9	538.4	541.2	541.2	543.1	545.0	544.0	550.6	552.5
35°	511.2	512.1	520.6	523.4	524.3	525.3	528.1	528.1	533.7	534.7
37.5°	489.6	493.4	500.9	504.6	505.6	507.5	510.3	510.3	516.8	518.7
40°	469.0	473.7	482.1	485.9	486.8	488.7	492.4	492.4	499.0	500.9
42.5°	449.3	454.9	462.4	468.1	469.0	471.8	473.7	475.6	482.1	484.0
45°	427.7	434.3	442.7	448.4	450.2	453.0	454.9	457.7	463.4	466.2
47.5°	407.1	413.7	423.0	429.6	430.5	434.3	436.2	439.0	444.6	447.4
50°	385.5	394.0	403.3	410.8	411.8	414.6	417.4	420.2	425.8	428.7
52.5°	364.9	373.3	382.7	390.2	392.1	394.9	397.7	400.5	407.1	409.9
55°	344.2	352.7	362.1	370.5	372.4	375.2	378.0	381.8	388.3	391.1
57.5°	323.6	333.0	342.4	350.8	352.7	356.4	359.3	363.0	368.6	372.4
60°	303.9	313.3	323.6	332.0	333.0	338.6	340.5	344.2	349.9	352.7
62.5°	283.3	295.5	303.9	313.3	315.2	318.9	321.7	325.5	331.1	334.9
65°	263.6	275.8	284.2	293.6	296.4	300.2	303.0	306.7	312.4	316.1
67.5°	244.8	257.0	266.4	275.8	278.6	281.4	285.1	288.9	293.6	298.3
70°	227.0	240.1	248.6	257.9	260.8	264.5	268.3	271.1	276.7	281.4
72.5°	209.2	222.3	230.7	241.1	242.9	246.7	250.4	254.2	258.9	262.6
75°	191.3	204.5	213.9	223.2	226.1	229.8	233.6	237.3	242.0	245.8
77.5°	174.5	187.6	197.0	207.3	209.2	212.9	217.6	221.4	225.1	228.9
80°	158.5	171.7	181.0	190.4	193.2	197.0	200.7	205.4	209.2	212.9
82.5°	144.5	156.6	165.1	175.4	177.3	181.0	184.8	188.5	192.3	196.0
85°	130.4	142.6	151.0	160.4	162.3	166.0	169.8	173.5	178.2	181.0
87.5°	117.2	128.5	137.9	146.3	148.2	152.0	155.7	158.5	162.3	166.0
90°	105.1	116.3	124.8	133.2	135.1	138.8	141.6	145.4	149.1	152.0
92.5°	92.9	104.1	111.6	120.1	121.9	125.7	129.4	132.3	136.0	138.8
95°	82.5	92.9	100.4	108.8	109.7	113.5	117.2	120.1	123.8	125.7
97.5°	72.2	82.5	90.0	97.6	98.5	102.2	106.0	108.8	111.6	114.4
100°	62.8	72.2	79.7	86.3	88.2	91.0	94.7	97.6	100.4	102.2
102.5°	54.4	62.8	69.4	76.9	77.9	81.6	84.4	87.2	90.0	91.9
105°	46.9	55.3	61.0	67.5	68.5	72.2	75.0	77.9	80.7	81.6
107.5°	40.3	46.9	52.5	59.1	61.0	62.8	65.7	68.5	71.3	72.2
110°	33.8	40.3	46.0	50.7	52.5	55.3	57.2	60.0	61.9	62.8



TEST NUMBER: P893110
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-HI-3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	28.1	33.8	38.5	44.1	45.0	47.8	49.7	51.6	54.4	55.3
115°	23.4	29.1	32.8	37.5	38.5	40.3	43.1	45.0	46.9	47.8
117.5°	19.7	23.4	27.2	31.0	32.8	34.7	36.6	38.5	39.4	40.3
120°	15.9	19.7	22.5	26.3	27.2	29.1	31.0	31.9	33.8	34.7
122.5°	12.2	15.9	18.8	21.6	22.5	24.4	25.3	27.2	28.1	28.1
125°	9.4	12.2	15.0	16.9	17.8	19.7	20.6	22.5	23.4	23.4
127.5°	7.5	9.4	11.3	14.1	14.1	15.9	16.9	17.8	18.8	18.8
130°	5.6	7.5	9.4	10.3	11.3	12.2	13.1	14.1	15.0	15.0
132.5°	3.8	5.6	6.6	8.4	8.4	9.4	10.3	10.3	11.3	11.3
135°	2.8	3.8	4.7	5.6	6.6	6.6	7.5	8.4	8.4	8.4
137.5°	1.9	2.8	3.8	4.7	4.7	4.7	5.6	5.6	6.6	6.6
140°	0.9	1.9	1.9	2.8	2.8	3.8	3.8	3.8	4.7	4.7
142.5°	0.9	0.9	1.9	1.9	1.9	1.9	2.8	2.8	2.8	2.8
145°	0.9	0.9	0.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
147.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	1.9
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.0	0.0	0.0	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
160°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
162.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0
165°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.0
175°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
177.5°	0.9	0.9	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P893110
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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	17.92	19.46	18.39	19.91	20.40	19.69	21.23	20.16	21.68	22.16
	3H	19.55	20.95	20.03	21.41	21.94	22.27	23.67	22.75	24.14	24.66
	4H	20.13	21.46	20.63	21.94	22.48	23.57	24.90	24.07	25.38	25.92
	6H	20.53	21.77	21.04	22.26	22.82	24.97	26.20	25.48	26.70	27.25
	8H	20.65	21.83	21.17	22.35	22.91	25.70	26.89	26.23	27.41	27.97
	12H	20.72	21.86	21.26	22.37	22.96	26.54	27.68	27.08	28.19	28.78
4H	2H	18.89	20.22	19.40	20.70	21.24	20.24	21.56	20.74	22.05	22.58
	3H	20.83	21.96	21.34	22.49	23.05	23.11	24.25	23.63	24.77	25.33
	4H	21.59	22.63	22.13	23.17	23.76	24.62	25.66	25.16	26.20	26.79
	6H	22.16	23.08	22.71	23.64	24.25	26.25	27.17	26.81	27.73	28.34
	8H	22.34	23.20	22.90	23.76	24.38	27.12	27.98	27.68	28.54	29.16
	12H	22.46	23.25	23.04	23.84	24.46	28.11	28.89	28.69	29.48	30.11
8H	4H	22.49	23.35	23.05	23.91	24.53	24.98	25.84	25.54	26.40	27.02
	6H	23.36	24.09	23.95	24.70	25.32	26.86	27.59	27.45	28.20	28.82
	8H	23.71	24.37	24.31	24.98	25.62	27.93	28.59	28.53	29.21	29.84
	12H	23.97	24.57	24.58	25.17	25.87	29.18	29.77	29.78	30.37	31.07
12H	4H	22.77	23.55	23.35	24.14	24.77	25.02	25.80	25.60	26.39	27.01
	6H	23.81	24.47	24.41	25.09	25.73	26.96	27.63	27.57	28.24	28.88
	8H	24.32	24.92	24.93	25.52	26.22	28.14	28.74	28.75	29.34	30.04