

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: P894203

Luminaire Tested: 4MB-SC3-FLT-UNV-CC93-LOW-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894203
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-4)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-SC3-FLT-UNV-CC93-LOW-5000K
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS, 90CRI, 5000K CCT, LOW lum setting
Light Source: -
Ballast/Driver: -

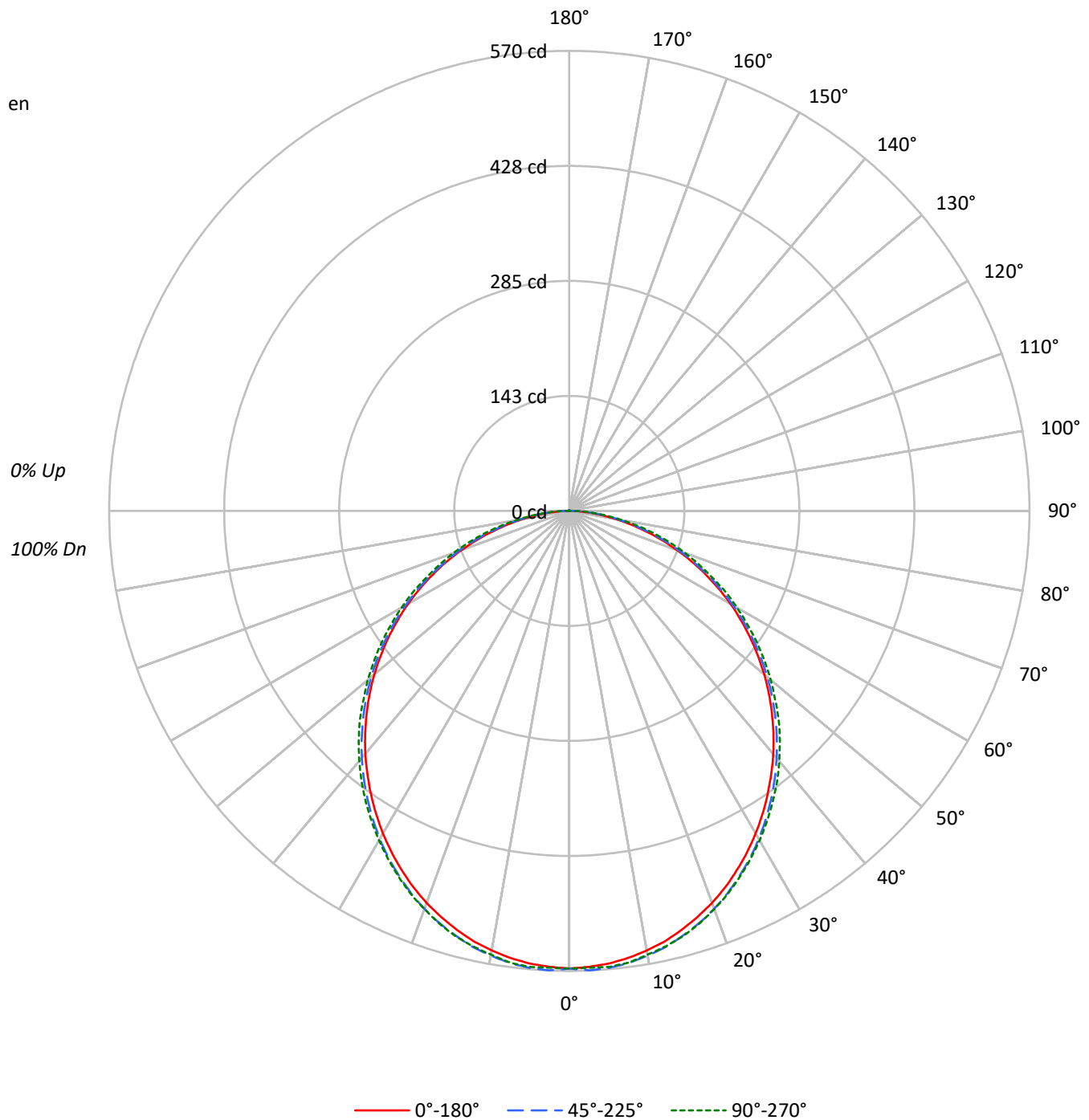
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1573.9 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.24 / 1.34
Luminous Opening: Rectangular (W 0.38' x L: 3.98' x H: 0')
CIE Type: Direct

Input Watts (W): 16.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9915
Total Harmonic Distortion (THDi): 6.67573310469889
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	86	86	86	83
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	72	72	72	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	61	61	61	58
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	62	57	52	52	52	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	45	45	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	40	40	40	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	35	35	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	32	32	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	29	29	29	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	26	26	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4034	4034	4034
5°	4020	4059	4050
10°	3995	4042	4034
15°	3959	4012	4017
20°	3913	3973	3976
25°	3855	3917	3927
30°	3792	3857	3874
35°	3721	3785	3818
40°	3651	3712	3759
45°	3571	3629	3692
50°	3488	3542	3606
55°	3393	3445	3517
60°	3284	3337	3414
65°	3138	3200	3285
70°	2954	3039	3179
75°	2716	2829	3013
80°	2397	2585	2721
85°	2065	2376	2539

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 3692 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.6	3.4
10°-20°	152.8	9.7
20°-30°	229.0	14.6
30°-40°	272.5	17.3
40°-50°	279.6	17.8
50°-60°	250.5	15.9
60°-70°	190.3	12.1
70°-80°	110.6	7.0
80°-90°	33.2	2.1
90°-100°	0.8	0.0
100°-110°	0.1	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.2	0.0
140°-150°	0.2	0.0
150°-160°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.1	0.0
0°-30°	435.5	27.7
0°-40°	708.0	45.0
0°-60°	1238.1	78.7
0°-90°	1572.2	99.9
90°-120°	0.9	0.1
90°-150°	1.4	0.1
90°-180°	2.0	0.1
0°-180°	1573.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	567	567	567	567	567	
5°	563	572	568	565	567	53
15°	538	548	545	544	545	152
25°	491	502	499	498	500	226
35°	428	439	436	437	440	268
45°	355	364	361	364	367	274
55°	274	280	278	281	284	244
65°	186	191	190	193	195	184
75°	99	102	103	107	110	105
85°	25	27	29	31	31	28
90°	0	2	2	3	2	2
95°	0	0	0	1	1	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	1	1	1	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P894203

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0
2.5°	565.4	564.5	565.4	564.9	569.1	574.1	573.2	569.5	565.4	566.6	569.9
5°	562.9	562.4	563.7	562.9	567.0	572.4	570.8	567.4	563.7	564.9	568.3
7.5°	558.7	558.7	560.4	559.5	563.3	568.7	567.0	564.1	560.4	561.6	564.9
10°	552.9	553.3	555.4	554.1	557.5	563.3	561.6	558.7	555.4	556.2	559.5
12.5°	546.3	546.3	548.8	547.5	550.8	556.2	554.1	552.1	548.8	549.6	553.3
15°	537.5	538.0	540.9	539.6	542.5	547.9	545.8	544.2	541.3	541.7	544.6
17.5°	527.6	528.8	531.7	530.5	533.4	538.8	536.3	534.6	532.1	532.6	535.5
20°	516.8	518.0	520.9	520.1	522.2	527.6	525.1	524.3	521.8	522.2	524.7
22.5°	504.8	506.0	509.3	508.5	510.6	516.0	513.1	512.6	510.1	510.6	512.6
25°	491.1	492.7	496.4	495.6	497.3	502.3	499.8	498.9	497.3	497.3	498.9
27.5°	476.9	478.6	482.8	481.5	482.8	488.1	485.2	484.8	483.2	483.2	484.8
30°	461.6	463.2	467.8	466.6	467.8	472.4	469.5	469.9	468.2	468.2	469.5
32.5°	445.4	446.6	451.6	450.8	451.6	456.2	453.3	453.7	452.0	452.4	452.9
35°	428.4	429.6	435.0	434.2	434.6	438.8	436.7	436.7	435.4	435.0	435.8
37.5°	410.9	412.2	418.8	416.8	416.8	420.9	419.2	419.2	418.0	417.6	418.0
40°	393.1	393.9	401.0	398.9	398.5	402.2	401.0	401.0	400.1	399.3	399.7
42.5°	374.4	375.7	382.7	381.1	379.4	383.5	382.3	382.7	381.5	380.6	380.6
45°	354.9	356.1	363.2	362.4	359.9	363.6	362.4	363.2	361.5	360.7	360.7
47.5°	335.4	337.1	343.7	342.5	340.0	343.7	342.5	343.3	341.6	340.8	340.8
50°	315.1	316.7	323.8	321.7	319.2	322.9	322.1	322.5	321.3	320.5	320.0
52.5°	294.3	296.4	303.0	300.5	298.5	301.8	301.4	301.8	300.1	299.7	299.3
55°	273.5	275.6	281.8	278.9	277.3	280.2	279.4	280.2	278.5	278.1	277.7
57.5°	252.0	254.0	259.8	256.9	255.7	258.2	257.8	258.2	256.9	256.5	256.1
60°	230.8	232.5	237.8	234.9	233.7	236.2	235.4	236.6	234.9	234.9	234.5
62.5°	208.4	210.5	215.8	212.5	211.7	213.8	212.9	214.2	213.4	212.5	212.1
65°	186.4	187.6	192.6	189.7	188.5	190.9	190.5	191.4	190.1	190.5	190.1
67.5°	164.4	165.2	170.2	166.9	166.0	168.5	168.9	168.5	167.7	168.1	167.7
70°	142.0	142.8	146.9	144.0	143.6	145.7	146.5	146.1	145.3	145.7	146.1
72.5°	120.4	120.8	124.5	122.0	121.6	124.1	124.1	124.1	124.1	124.1	124.9
75°	98.8	99.2	102.5	100.5	100.0	102.5	102.5	102.5	102.5	103.4	102.9
77.5°	78.0	77.6	80.9	79.7	78.9	81.4	81.4	81.8	82.6	83.4	82.2
80°	58.5	58.1	60.6	58.9	58.9	61.4	61.0	61.4	62.3	62.7	63.1
82.5°	41.1	40.3	42.3	41.9	41.5	43.6	44.0	43.6	44.8	45.2	45.2
85°	25.3	25.3	26.6	25.7	25.7	27.4	27.4	27.8	28.6	29.1	29.1
87.5°	12.0	11.6	12.9	12.5	12.0	13.3	13.3	13.7	14.1	14.5	14.1
90°	0.4	0.4	0.8	0.8	0.8	1.7	1.7	1.7	2.1	2.1	1.7
92.5°	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.8	0.8	0.8	0.8
95°	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.4
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4



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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.4
132.5°	0.0	0.0	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0
135°	0.0	0.4	0.4	0.4	0.4	0.0	0.4	0.0	0.0	0.0	0.4
137.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
145°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
147.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.8	0.8	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.4	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°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0
2.5°	564.9	562.0	560.8	561.6	567.4	561.6	567.8	569.9	562.4	566.6
5°	563.3	560.4	558.7	559.5	565.4	560.0	566.6	569.1	562.9	567.0
7.5°	560.0	556.6	555.8	557.1	562.0	557.5	564.1	566.6	560.4	564.5
10°	555.0	552.1	551.2	552.5	557.1	552.5	558.3	560.4	554.6	558.3
12.5°	548.8	545.8	545.0	546.7	550.8	546.7	552.5	554.6	548.8	552.5
15°	540.9	538.0	537.5	540.0	543.8	540.0	545.8	547.5	541.7	545.4
17.5°	531.3	528.4	528.8	531.7	534.6	531.3	536.7	538.4	533.0	535.9
20°	520.9	517.6	518.4	520.9	523.4	520.1	525.5	527.2	522.2	525.1
22.5°	508.9	505.6	506.4	509.3	511.0	508.1	513.1	514.7	510.6	513.5
25°	495.6	492.7	494.0	496.9	498.1	495.6	500.2	501.4	497.7	500.2
27.5°	482.3	479.0	480.7	483.6	484.4	481.9	486.5	487.3	483.6	486.1
30°	467.4	464.1	466.1	469.5	469.5	467.8	471.5	472.4	469.5	471.5
32.5°	450.8	448.3	450.8	453.7	453.3	452.0	455.8	456.6	454.1	455.8
35°	434.2	432.1	434.6	437.5	437.1	435.8	439.6	440.0	437.9	439.6
37.5°	417.2	415.5	418.0	420.5	419.7	418.8	422.1	422.1	420.9	422.6
40°	399.7	398.1	400.1	403.1	401.4	401.4	403.5	404.3	403.1	404.7
42.5°	381.5	379.8	382.3	384.8	383.1	382.7	385.2	385.6	384.8	386.0
45°	362.4	360.7	363.2	365.3	363.6	363.6	365.7	365.7	365.3	366.9
47.5°	342.9	341.6	343.7	345.8	344.1	345.4	345.4	345.4	346.2	345.8
50°	322.9	321.7	323.4	325.8	323.8	324.2	325.0	325.0	325.4	325.8
52.5°	302.2	300.5	302.2	305.1	302.2	303.4	303.8	304.3	305.5	304.7
55°	281.4	279.8	281.4	283.9	281.0	282.7	282.7	283.1	284.3	283.5
57.5°	259.8	258.2	260.7	262.3	259.4	261.1	261.1	261.9	262.8	261.5
60°	238.3	237.0	237.8	240.8	237.8	239.5	239.5	239.5	241.2	239.9
62.5°	216.3	215.4	216.3	218.8	215.8	217.5	217.1	217.5	219.2	218.8
65°	193.8	193.0	193.8	196.3	193.4	195.1	195.1	195.5	196.8	195.1
67.5°	171.8	170.6	171.8	173.9	171.4	172.7	172.7	172.7	174.8	173.9
70°	149.4	148.6	149.4	151.5	149.4	150.3	150.3	150.3	152.3	152.8
72.5°	127.4	127.4	128.3	129.9	128.3	129.9	128.7	127.8	130.8	131.2
75°	105.8	106.3	106.7	108.3	106.7	108.3	107.5	106.7	109.2	109.6
77.5°	85.9	85.9	86.3	87.6	86.3	87.6	86.8	86.8	88.4	88.0
80°	65.6	65.6	66.0	67.2	66.0	67.2	66.4	66.4	68.1	66.4
82.5°	47.7	47.7	47.7	49.0	48.2	49.0	48.6	47.7	49.8	48.2
85°	30.7	31.1	31.1	31.5	31.1	31.5	31.5	31.1	32.4	31.1
87.5°	15.8	15.8	15.8	16.2	15.8	15.8	16.2	15.8	16.6	16.2
90°	2.9	2.5	2.5	3.3	2.9	2.9	3.3	2.5	2.9	2.5
92.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.7	1.7
95°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.2
97.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8
100°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
105°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.4	0.4
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4



TEST NUMBER: P894203
 CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC93-LOW-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.4	0.4	0.4	0.4	0.0	0.4	0.0	0.0	0.0	0.0
140°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
142.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	0.0	0.0
145°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
147.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
150°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
180°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P894203
 CATALOG NUMBER: 4MB-SC3-FLT-UNV-CC93-LOW-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	16.35	17.99	16.72	18.31	18.62	16.49	18.13	16.86	18.44	18.76
	3H	18.18	19.66	18.55	19.99	20.35	18.32	19.80	18.70	20.13	20.50
	4H	18.84	20.23	19.24	20.58	20.96	19.03	20.43	19.43	20.78	21.15
	6H	19.29	20.58	19.70	20.95	21.34	19.59	20.88	20.00	21.25	21.64
	8H	19.43	20.67	19.85	21.06	21.46	19.78	21.02	20.21	21.41	21.81
	12H	19.52	20.71	19.96	21.09	21.53	19.92	21.11	20.35	21.49	21.92
4H	2H	16.99	18.38	17.39	18.73	19.11	17.10	18.49	17.49	18.84	19.22
	3H	19.03	20.20	19.44	20.60	21.00	19.16	20.33	19.57	20.73	21.14
	4H	19.82	20.88	20.25	21.30	21.74	20.01	21.07	20.44	21.48	21.92
	6H	20.40	21.32	20.85	21.77	22.22	20.70	21.63	21.15	22.07	22.53
	8H	20.59	21.46	21.05	21.90	22.37	20.94	21.81	21.41	22.26	22.73
	12H	20.73	21.51	21.21	21.99	22.46	21.14	21.92	21.62	22.40	22.87
8H	4H	20.15	21.02	20.61	21.46	21.93	20.32	21.19	20.78	21.63	22.10
	6H	20.85	21.58	21.35	22.07	22.54	21.14	21.87	21.64	22.36	22.83
	8H	21.12	21.77	21.63	22.27	22.76	21.47	22.12	21.98	22.63	23.12
	12H	21.33	21.91	21.84	22.40	22.96	21.76	22.33	22.26	22.82	23.39
12H	4H	20.19	20.98	20.67	21.45	21.92	20.35	21.13	20.83	21.61	22.08
	6H	20.92	21.57	21.43	22.08	22.57	21.20	21.85	21.71	22.36	22.85
	8H	21.25	21.82	21.76	22.32	22.88	21.59	22.17	22.10	22.66	23.22