

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: P893103

Luminaire Tested: 2MB-SC3-RND-UNV-CC83-HI-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893103
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-5000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 5000K CCT, HI lum setting
Light Source: -
Ballast/Driver: -

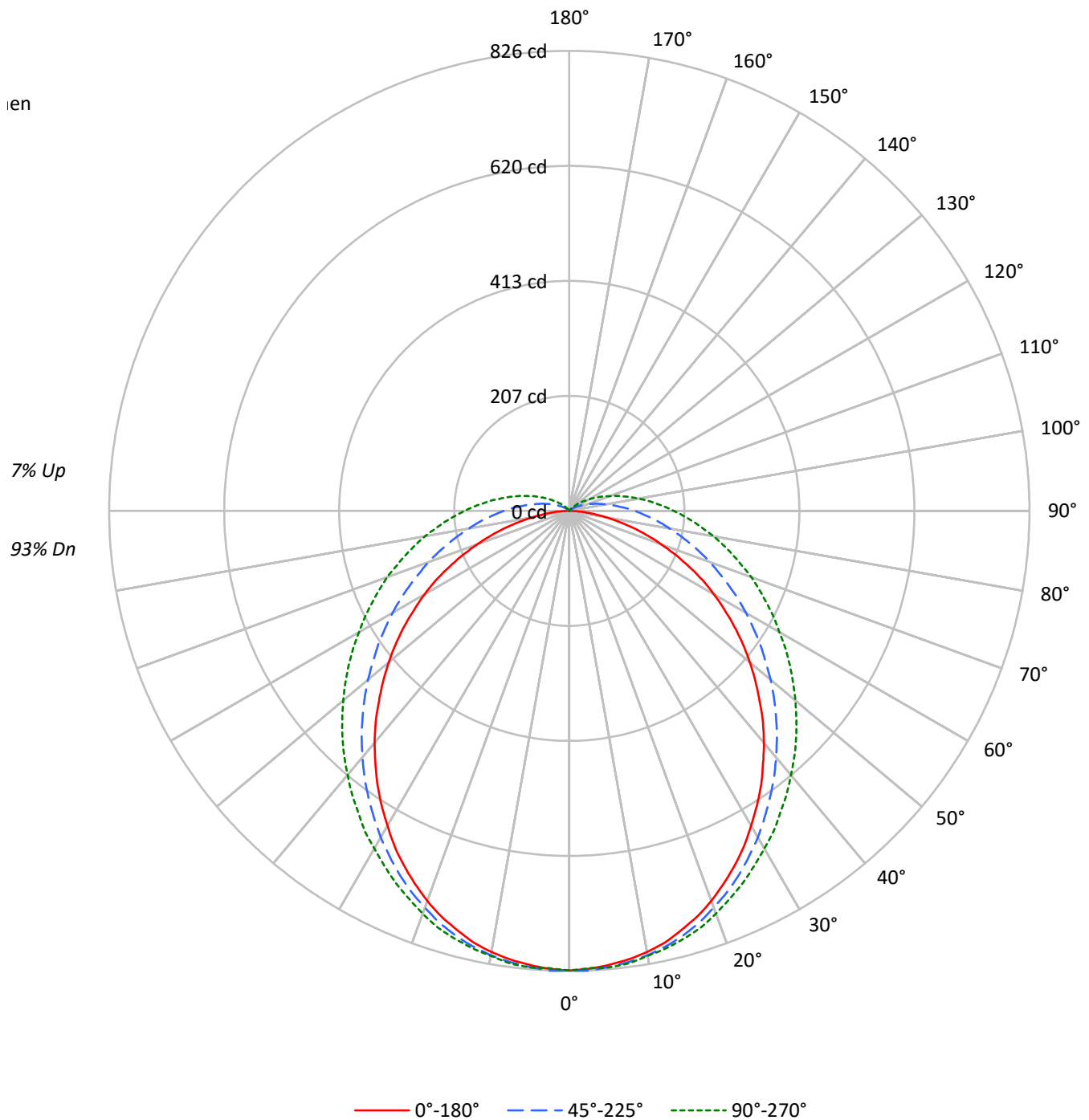
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2685.1 lumens
Efficiency: N/A
Efficacy: 127.9 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): 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: P893103
CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-5000K

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°	11805	11805	11805
5°	11751	11800	11817
10°	11683	11768	11785
15°	11534	11690	11776
20°	11345	11539	11716
25°	11087	11379	11635
30°	10778	11181	11563
35°	10485	10971	11537
40°	10151	10779	11558
45°	9778	10621	11653
50°	9414	10498	11789
55°	9019	10435	12054
60°	8589	10477	12469
65°	8043	10669	13222
70°	7370	11247	14543
75°	6660	12364	16786
80°	5635	15084	21675
85°	4563	24358	36717

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 67265 cd/sqm



TEST NUMBER: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.0	2.9
10°-20°	222.0	8.3
20°-30°	331.1	12.3
30°-40°	392.9	14.6
40°-50°	406.0	15.1
50°-60°	374.7	14.0
60°-70°	311.1	11.6
70°-80°	230.5	8.6
80°-90°	152.0	5.7
90°-100°	92.4	3.4
100°-110°	52.2	1.9
110°-120°	26.0	1.0
120°-130°	10.8	0.4
130°-140°	3.5	0.1
140°-150°	1.0	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	631.1	23.5
0°-40°	1024.0	38.1
0°-60°	1804.7	67.2
0°-90°	2498.3	93.0
90°-120°	170.6	6.4
90°-150°	185.9	6.9
90°-180°	187.0	7.0
0°-180°	2685.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	825	825	825	825	825	
5°	818	830	822	819	823	78
15°	779	792	789	792	795	220
25°	702	714	721	728	737	323
35°	600	613	628	648	661	375
45°	483	498	525	556	576	373
55°	362	378	418	460	483	323
65°	238	262	315	366	391	235
75°	120	158	224	279	304	127
85°	28	79	148	200	224	31
90°	0	52	117	167	188	2
95°	0	31	89	136	155	0
105°	0	10	50	85	101	0
115°	0	2	23	48	59	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: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2
2.5°	822.9	820.6	821.7	821.7	825.2	834.5	831.0	831.0	831.0	821.7	826.4
5°	818.3	815.9	817.1	818.3	820.6	829.8	826.4	827.5	826.4	817.1	821.7
7.5°	812.5	810.1	810.1	811.3	814.8	824.0	820.6	821.7	820.6	811.3	817.1
10°	804.3	802.0	803.2	804.3	806.7	817.1	813.6	813.6	813.6	805.5	810.1
12.5°	793.9	791.6	792.8	793.9	797.4	805.5	802.0	803.2	803.2	796.2	800.9
15°	778.8	776.5	778.8	780.0	783.5	791.6	789.3	790.4	790.4	783.5	789.3
17.5°	763.8	760.3	762.6	763.8	768.4	775.4	773.1	775.4	775.4	768.4	775.4
20°	745.2	741.8	744.1	746.4	749.9	756.8	754.5	756.8	756.8	751.0	758.0
22.5°	724.4	720.9	723.2	725.5	730.2	736.0	734.8	737.1	737.1	732.5	740.6
25°	702.4	698.9	702.4	703.5	708.1	713.9	713.9	715.1	716.3	712.8	720.9
27.5°	679.2	674.5	678.0	680.3	685.0	690.8	690.8	693.1	693.1	691.9	698.9
30°	652.5	649.0	653.7	654.8	659.5	665.3	666.4	668.7	668.7	667.6	676.9
32.5°	627.0	623.5	627.0	629.3	635.1	639.8	640.9	643.2	644.4	644.4	652.5
35°	600.4	596.9	600.4	602.7	608.5	613.1	614.3	616.6	617.7	620.1	628.2
37.5°	571.4	569.1	572.5	574.9	580.7	585.3	586.5	589.9	591.1	594.6	603.8
40°	543.6	540.1	543.6	545.9	552.8	556.3	558.6	562.1	564.4	567.9	577.2
42.5°	514.6	512.3	514.6	519.2	523.9	528.5	530.8	534.3	537.8	543.6	551.7
45°	483.3	483.3	485.6	490.3	494.9	498.4	501.8	506.5	510.0	515.8	525.0
47.5°	453.2	453.2	455.5	459.0	464.8	468.2	471.7	477.5	481.0	487.9	498.4
50°	423.0	421.9	425.4	430.0	435.8	439.3	442.7	448.5	453.2	461.3	471.7
52.5°	392.9	390.6	394.1	399.9	404.5	409.1	412.6	418.4	424.2	434.6	443.9
55°	361.6	360.4	363.9	368.6	374.4	377.8	382.5	389.4	396.4	406.8	418.4
57.5°	330.3	330.3	333.8	338.4	345.4	348.9	353.5	361.6	368.6	380.2	391.7
60°	300.2	299.0	302.5	309.5	315.2	319.9	324.5	333.8	341.9	354.7	366.2
62.5°	270.0	268.9	273.5	278.2	286.3	290.9	295.5	306.0	315.2	329.2	340.7
65°	237.6	238.8	242.2	246.9	256.1	261.9	267.7	279.3	289.7	302.5	315.2
67.5°	206.3	206.3	210.9	216.7	228.3	234.1	239.9	252.7	263.1	278.2	290.9
70°	176.2	177.3	183.1	188.9	200.5	206.3	213.3	227.2	238.8	253.8	268.9
72.5°	147.2	149.5	154.1	163.4	175.0	180.8	188.9	202.8	214.4	230.6	245.7
75°	120.5	121.7	127.5	137.9	150.7	157.6	164.6	179.6	193.6	208.6	223.7
77.5°	92.7	95.0	102.0	113.6	128.6	135.6	142.6	158.8	172.7	187.8	202.8
80°	68.4	70.7	80.0	91.6	107.8	114.7	122.9	139.1	153.0	168.1	183.1
82.5°	46.4	49.8	59.1	71.9	88.1	96.2	104.3	120.5	135.6	150.7	165.7
85°	27.8	31.3	41.7	55.6	71.9	78.8	86.9	104.3	118.2	133.3	148.4
87.5°	11.6	17.4	27.8	41.7	56.8	63.7	73.0	89.2	103.2	117.1	132.1
90°	0.0	7.0	17.4	30.1	45.2	52.2	59.1	75.3	89.2	103.2	117.1
92.5°	0.0	2.3	10.4	20.9	34.8	40.6	47.5	62.6	75.3	89.2	103.2
95°	0.0	1.2	5.8	15.1	25.5	31.3	38.2	52.2	63.7	77.7	89.2
97.5°	0.0	0.0	3.5	10.4	19.7	24.3	30.1	42.9	54.5	66.1	78.8
100°	0.0	0.0	2.3	7.0	13.9	18.5	23.2	34.8	45.2	56.8	67.2
102.5°	0.0	0.0	1.2	4.6	10.4	13.9	17.4	27.8	37.1	47.5	57.9
105°	0.0	0.0	1.2	2.3	7.0	10.4	13.9	22.0	30.1	39.4	49.8
107.5°	0.0	0.0	0.0	2.3	5.8	8.1	10.4	17.4	24.3	32.5	41.7
110°	0.0	0.0	0.0	1.2	3.5	5.8	8.1	13.9	19.7	26.7	34.8



TEST NUMBER: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-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	1.2	2.3	3.5	5.8	10.4	15.1	22.0	27.8
115°	0.0	0.0	0.0	0.0	1.2	2.3	3.5	8.1	11.6	17.4	23.2
117.5°	0.0	0.0	0.0	0.0	1.2	2.3	2.3	5.8	9.3	13.9	18.5
120°	0.0	0.0	0.0	0.0	1.2	1.2	2.3	4.6	7.0	10.4	15.1
122.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	2.3	4.6	8.1	11.6
125°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3	3.5	5.8	9.3
127.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	2.3	4.6	7.0
130°	1.2	0.0	0.0	0.0	1.2	0.0	1.2	1.2	2.3	3.5	4.6
132.5°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3	3.5
135°	1.2	1.2	0.0	0.0	1.2	0.0	0.0	1.2	1.2	1.2	2.3
137.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3
140°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
142.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
145°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
157.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
165°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
167.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
170°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
175°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
177.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2	825.2
2.5°	826.4	817.1	822.9	821.7	820.6	818.3	824.0	819.4	821.7	821.7
5°	822.9	813.6	820.6	820.6	819.4	817.1	822.9	818.3	821.7	822.9
7.5°	817.1	810.1	817.1	815.9	815.9	813.6	819.4	815.9	819.4	819.4
10°	810.1	803.2	810.1	809.0	809.0	806.7	811.3	807.8	811.3	811.3
12.5°	800.9	793.9	802.0	800.9	799.7	798.5	803.2	799.7	804.3	804.3
15°	789.3	784.6	792.8	791.6	791.6	789.3	795.1	791.6	796.2	795.1
17.5°	776.5	771.9	780.0	780.0	778.8	778.8	782.3	778.8	784.6	784.6
20°	759.1	754.5	763.8	763.8	762.6	762.6	766.1	762.6	769.6	769.6
22.5°	740.6	737.1	745.2	746.4	745.2	745.2	748.7	746.4	753.3	753.3
25°	720.9	719.7	727.9	729.0	727.9	729.0	732.5	730.2	737.1	737.1
27.5°	700.0	700.0	708.1	709.3	710.5	710.5	713.9	711.6	719.7	718.6
30°	678.0	678.0	687.3	689.6	689.6	690.8	694.2	691.9	700.0	700.0
32.5°	654.8	656.0	665.3	668.7	668.7	671.1	673.4	672.2	680.3	682.6
35°	631.7	632.8	643.2	646.7	647.9	649.0	652.5	652.5	659.5	660.6
37.5°	605.0	609.6	618.9	623.5	624.7	627.0	630.5	630.5	638.6	640.9
40°	579.5	585.3	595.7	600.4	601.5	603.8	608.5	608.5	616.6	618.9
42.5°	555.2	562.1	571.4	578.3	579.5	583.0	585.3	587.6	595.7	598.0
45°	528.5	536.6	547.0	554.0	556.3	559.8	562.1	565.6	572.5	576.0
47.5°	503.0	511.1	522.7	530.8	532.0	536.6	538.9	542.4	549.4	552.8
50°	476.3	486.8	498.4	507.6	508.8	512.3	515.8	519.2	526.2	529.7
52.5°	450.9	461.3	472.9	482.1	484.5	487.9	491.4	494.9	503.0	506.5
55°	425.4	435.8	447.4	457.8	460.1	463.6	467.1	471.7	479.8	483.3
57.5°	399.9	411.4	423.0	433.5	435.8	440.4	443.9	448.5	455.5	460.1
60°	375.5	387.1	399.9	410.3	411.4	418.4	420.7	425.4	432.3	435.8
62.5°	350.0	365.1	375.5	387.1	389.4	394.1	397.5	402.2	409.1	413.8
65°	325.7	340.7	351.2	362.8	366.2	370.9	374.4	379.0	385.9	390.6
67.5°	302.5	317.6	329.2	340.7	344.2	347.7	352.3	357.0	362.8	368.6
70°	280.5	296.7	307.1	318.7	322.2	326.8	331.5	335.0	341.9	347.7
72.5°	258.5	274.7	285.1	297.9	300.2	304.8	309.5	314.1	319.9	324.5
75°	236.4	252.7	264.3	275.8	279.3	284.0	288.6	293.2	299.0	303.7
77.5°	215.6	231.8	243.4	256.1	258.5	263.1	268.9	273.5	278.2	282.8
80°	195.9	212.1	223.7	235.3	238.8	243.4	248.0	253.8	258.5	263.1
82.5°	178.5	193.6	204.0	216.7	219.1	223.7	228.3	233.0	237.6	242.2
85°	161.1	176.2	186.6	198.2	200.5	205.1	209.8	214.4	220.2	223.7
87.5°	144.9	158.8	170.4	180.8	183.1	187.8	192.4	195.9	200.5	205.1
90°	129.8	143.7	154.1	164.6	166.9	171.5	175.0	179.6	184.3	187.8
92.5°	114.7	128.6	137.9	148.4	150.7	155.3	159.9	163.4	168.1	171.5
95°	102.0	114.7	124.0	134.4	135.6	140.2	144.9	148.4	153.0	155.3
97.5°	89.2	102.0	111.3	120.5	121.7	126.3	131.0	134.4	137.9	141.4
100°	77.7	89.2	98.5	106.6	108.9	112.4	117.1	120.5	124.0	126.3
102.5°	67.2	77.7	85.8	95.0	96.2	100.8	104.3	107.8	111.3	113.6
105°	57.9	68.4	75.3	83.4	84.6	89.2	92.7	96.2	99.7	100.8
107.5°	49.8	57.9	64.9	73.0	75.3	77.7	81.1	84.6	88.1	89.2
110°	41.7	49.8	56.8	62.6	64.9	68.4	70.7	74.2	76.5	77.7



TEST NUMBER: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-HI-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	34.8	41.7	47.5	54.5	55.6	59.1	61.4	63.7	67.2	68.4
115°	29.0	35.9	40.6	46.4	47.5	49.8	53.3	55.6	57.9	59.1
117.5°	24.3	29.0	33.6	38.2	40.6	42.9	45.2	47.5	48.7	49.8
120°	19.7	24.3	27.8	32.5	33.6	35.9	38.2	39.4	41.7	42.9
122.5°	15.1	19.7	23.2	26.7	27.8	30.1	31.3	33.6	34.8	34.8
125°	11.6	15.1	18.5	20.9	22.0	24.3	25.5	27.8	29.0	29.0
127.5°	9.3	11.6	13.9	17.4	17.4	19.7	20.9	22.0	23.2	23.2
130°	7.0	9.3	11.6	12.7	13.9	15.1	16.2	17.4	18.5	18.5
132.5°	4.6	7.0	8.1	10.4	10.4	11.6	12.7	12.7	13.9	13.9
135°	3.5	4.6	5.8	7.0	8.1	8.1	9.3	10.4	10.4	10.4
137.5°	2.3	3.5	4.6	5.8	5.8	5.8	7.0	7.0	8.1	8.1
140°	1.2	2.3	2.3	3.5	3.5	4.6	4.6	4.6	5.8	5.8
142.5°	1.2	1.2	2.3	2.3	2.3	2.3	3.5	3.5	3.5	3.5
145°	1.2	1.2	1.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
147.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	2.3
150°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
152.5°	1.2	1.2	1.2	0.0	0.0	0.0	1.2	1.2	1.2	1.2
155°	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
160°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0
162.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0
165°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	1.2	0.0	0.0
167.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0
170°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	1.2	0.0
175°	1.2	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
177.5°	1.2	1.2	1.2	0.0	0.0	1.2	0.0	0.0	0.0	0.0
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2



TEST NUMBER: P893103
 CATALOG NUMBER: 2MB-SC3-RND-UNV-CC83-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	18.66	20.19	19.13	20.65	21.13	20.43	21.96	20.90	22.42	22.90
	3H	20.28	21.68	20.76	22.15	22.67	23.01	24.41	23.49	24.87	25.40
	4H	20.87	22.19	21.37	22.68	23.21	24.31	25.63	24.81	26.12	26.66
	6H	21.26	22.50	21.78	23.00	23.55	25.70	26.94	26.22	27.43	27.99
	8H	21.38	22.57	21.91	23.09	23.65	26.44	27.62	26.96	28.14	28.70
	12H	21.46	22.59	21.99	23.11	23.70	27.28	28.41	27.81	28.93	29.52
4H	2H	19.63	20.96	20.13	21.44	21.98	20.97	22.30	21.47	22.78	23.32
	3H	21.56	22.70	22.08	23.22	23.78	23.85	24.98	24.36	25.51	26.07
	4H	22.33	23.36	22.86	23.90	24.49	25.36	26.40	25.89	26.93	27.53
	6H	22.89	23.81	23.45	24.37	24.98	26.99	27.90	27.54	28.47	29.07
	8H	23.07	23.94	23.63	24.50	25.12	27.85	28.71	28.41	29.28	29.90
	12H	23.20	23.98	23.78	24.57	25.20	28.84	29.63	29.42	30.22	30.84
8H	4H	23.22	24.09	23.78	24.65	25.27	25.71	26.57	26.27	27.14	27.76
	6H	24.09	24.83	24.69	25.43	26.06	27.60	28.33	28.19	28.93	29.56
	8H	24.44	25.10	25.05	25.72	26.36	28.66	29.33	29.27	29.94	30.58
	12H	24.71	25.30	25.31	25.90	26.61	29.91	30.50	30.52	31.11	31.81
12H	4H	23.50	24.29	24.09	24.88	25.50	25.75	26.53	26.33	27.13	27.75
	6H	24.54	25.21	25.15	25.82	26.46	27.70	28.36	28.30	28.98	29.61
	8H	25.06	25.65	25.67	26.25	26.96	28.88	29.47	29.49	30.07	30.78