

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: P893135

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC93-MID-4000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893135
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2MB-SC3-RNDU-UNV-CC93-MID-4000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 40
CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

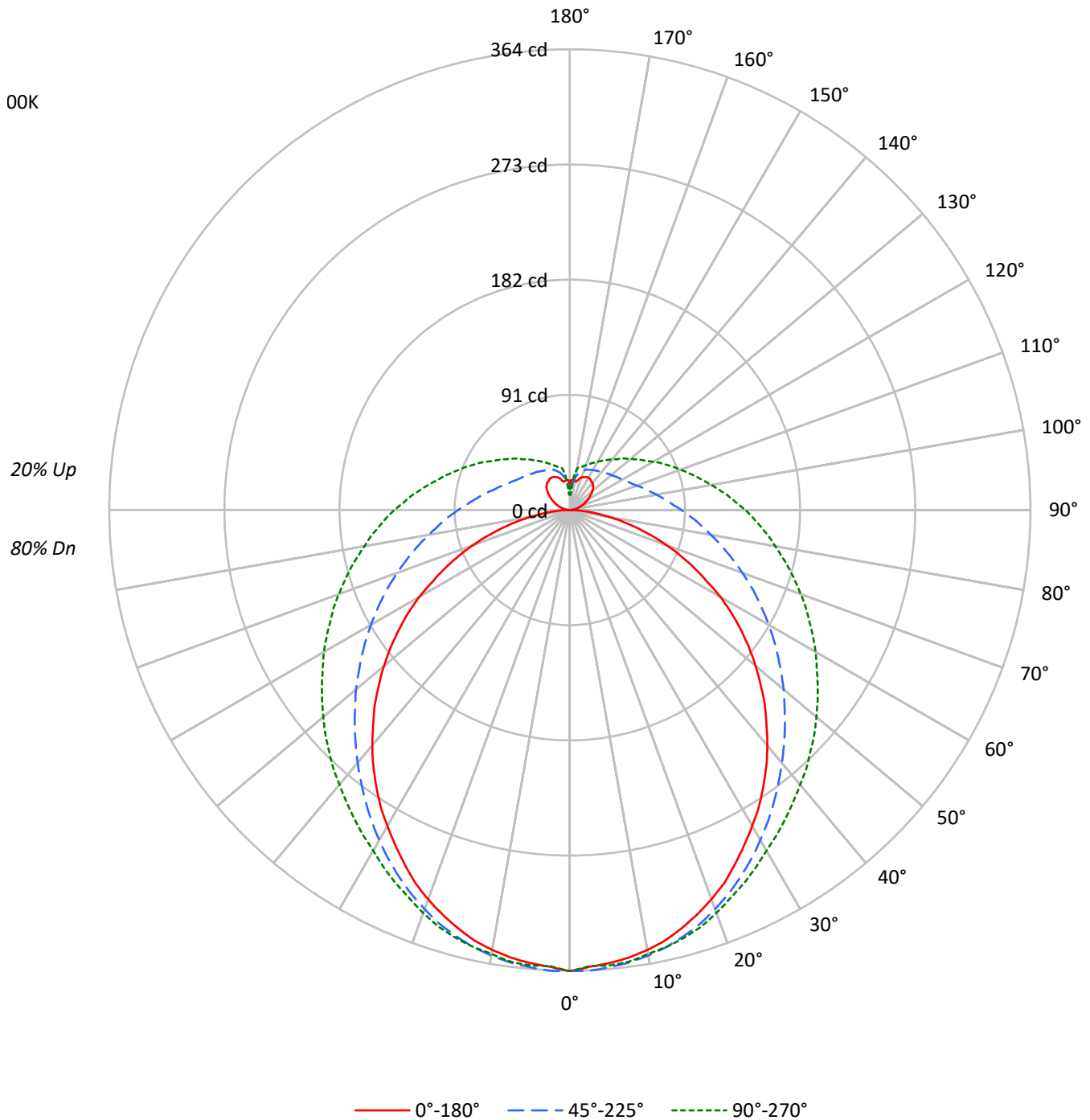
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1531.0 lumens
Efficiency: N/A
Efficacy: 110.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 1.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 13.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9948
Total Harmonic Distortion (THDi): 5.65231997856897
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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	83	83	83	80
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	65	65	65	61
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	53	53	49
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	44	44	41
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	37	37	34
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	32	32	29
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	28	28	26
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	25	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	22	22	20
9	51	38	30	24	49	37	29	23	34	27	22	31	25	21	29	24	20	20	20	20	18
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5213	5213	5213
5°	5113	5003	4950
10°	5033	4801	4717
15°	4926	4592	4516
20°	4799	4374	4300
25°	4646	4151	4091
30°	4489	3927	3899
35°	4336	3712	3752
40°	4168	3510	3623
45°	3990	3327	3517
50°	3793	3167	3425
55°	3575	3016	3345
60°	3325	2887	3294
65°	3002	2772	3253
70°	2654	2675	3244
75°	2206	2608	3260
80°	1651	2577	3307
85°	998	2624	3424

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3990 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.4	2.2
10°-20°	98.3	6.4
20°-30°	147.5	9.6
30°-40°	177.2	11.6
40°-50°	187.8	12.3
50°-60°	180.8	11.8
60°-70°	159.7	10.4
70°-80°	130.7	8.5
80°-90°	101.5	6.6
90°-100°	78.6	5.1
100°-110°	62.4	4.1
110°-120°	49.9	3.3
120°-130°	39.9	2.6
130°-140°	31.5	2.1
140°-150°	23.7	1.6
150°-160°	16.2	1.1
160°-170°	8.7	0.6
170°-180°	2.2	0.1
0°-30°	280.2	18.3
0°-40°	457.5	29.9
0°-60°	826.1	54.0
0°-90°	1218.0	79.6
90°-120°	190.8	12.5
90°-150°	285.9	18.7
90°-180°	313.0	20.4
0°-180°	1531.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	364	364	364	364	364	
5°	359	363	362	364	361	34
15°	342	348	348	352	350	96
25°	309	316	320	325	325	142
35°	267	274	281	293	297	167
45°	218	226	240	262	269	168
55°	165	174	201	228	239	147
65°	109	125	163	196	209	108
75°	56	82	128	166	180	59
85°	13	50	100	137	152	15
90°	1	40	88	124	139	1
95°	2	33	78	112	126	2
105°	7	26	62	91	103	7
115°	13	25	52	75	84	13
125°	20	26	45	62	69	18
135°	26	28	41	52	58	20
145°	29	29	38	45	48	18
155°	29	31	35	39	41	13
165°	24	28	31	34	35	7
175°	24	22	21	19	18	2
180°	18	18	18	18	18	



TEST NUMBER: P893135

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4
2.5°	361.2	363.1	363.8	363.1	363.1	364.4	364.4	367.0	367.6	363.8	364.4
5°	359.3	361.2	362.5	361.8	361.8	363.1	362.5	365.0	365.7	362.5	362.5
7.5°	356.7	358.6	359.9	359.3	359.3	360.6	359.9	362.5	363.1	360.6	360.6
10°	352.9	355.4	356.7	355.4	356.1	357.4	356.7	359.3	359.9	357.4	357.4
12.5°	348.4	351.0	352.2	351.6	352.2	352.9	352.2	355.4	356.1	353.5	353.5
15°	342.0	345.2	345.9	345.2	345.9	347.8	346.5	349.1	351.0	348.4	348.4
17.5°	335.0	338.2	339.5	338.8	340.1	341.4	340.1	343.3	344.6	342.0	342.7
20°	327.3	330.5	331.8	331.2	332.4	333.7	332.4	335.6	336.9	335.0	335.6
22.5°	319.0	322.2	323.5	322.8	324.1	325.4	324.1	327.3	329.2	327.3	328.0
25°	308.8	312.6	313.9	313.3	314.5	316.4	314.5	318.4	320.3	319.0	319.6
27.5°	298.5	301.7	304.3	303.0	304.9	306.9	305.6	308.1	310.7	310.1	310.7
30°	288.3	291.5	294.1	292.8	294.7	296.6	294.7	297.9	300.5	300.5	301.1
32.5°	278.1	280.6	282.6	281.9	283.2	285.8	284.5	287.7	290.2	290.2	291.5
35°	266.6	269.1	271.1	270.4	272.3	274.3	273.0	276.2	279.4	280.0	281.3
37.5°	255.1	257.6	259.6	258.9	260.2	262.7	261.5	265.3	267.9	269.1	271.1
40°	242.9	245.5	247.4	246.8	248.7	250.6	250.0	253.2	256.4	258.3	260.8
42.5°	230.1	232.7	234.6	234.6	236.5	239.1	237.8	241.7	244.8	247.4	250.6
45°	218.0	219.9	221.8	221.8	224.4	226.3	225.7	229.5	233.3	236.5	240.4
47.5°	204.6	207.1	208.4	209.0	211.6	213.5	213.5	217.4	221.8	226.3	230.1
50°	191.8	193.7	195.6	195.6	198.8	200.7	200.7	205.2	211.0	216.1	220.6
52.5°	178.4	180.3	182.2	182.8	185.4	188.0	188.0	193.1	199.5	205.2	210.3
55°	164.9	166.9	168.1	169.4	172.6	174.5	175.8	181.6	188.6	194.3	200.7
57.5°	151.5	152.8	154.7	156.0	159.8	162.4	164.3	170.7	177.7	184.8	191.1
60°	137.4	139.4	140.6	142.6	146.4	150.2	152.2	159.2	166.9	174.5	181.6
62.5°	122.1	124.0	125.9	128.5	134.3	137.4	140.6	148.3	156.0	164.3	172.0
65°	108.7	110.0	111.9	114.4	120.8	124.7	128.5	136.8	145.8	154.7	163.0
67.5°	95.3	96.5	99.1	102.3	109.3	113.2	117.0	125.9	136.2	145.8	154.1
70°	81.8	82.5	85.7	90.1	97.8	101.6	106.1	115.1	125.3	136.2	145.1
72.5°	68.4	69.7	72.9	78.0	86.9	91.4	95.9	106.1	116.4	126.6	136.8
75°	55.6	56.3	60.7	67.1	76.7	81.8	86.9	97.2	108.0	118.9	128.5
77.5°	43.5	44.1	49.9	56.9	67.1	72.9	78.0	88.2	99.7	110.6	120.8
80°	32.0	33.2	39.0	47.9	58.2	63.9	70.3	81.2	92.1	103.6	113.2
82.5°	21.7	23.7	30.0	39.6	50.5	56.9	62.7	73.5	85.0	96.5	106.1
85°	13.4	15.3	23.0	32.6	44.1	49.9	55.6	67.1	78.6	89.5	100.4
87.5°	5.8	9.6	17.3	26.9	38.4	44.1	50.5	61.4	72.2	83.7	94.0
90°	0.6	5.8	13.4	23.0	33.9	39.6	45.4	56.3	67.1	78.0	88.2
92.5°	0.6	3.8	10.9	19.8	30.0	35.8	40.9	51.8	62.0	72.9	82.5
95°	1.9	3.8	9.6	17.9	27.5	32.6	37.7	47.9	58.2	68.4	78.0
97.5°	2.6	4.5	9.6	16.6	24.9	30.0	35.2	44.8	54.3	63.9	73.5
100°	3.8	5.1	9.6	16.0	23.7	28.1	32.6	41.6	51.1	60.7	69.7
102.5°	5.1	6.4	10.2	16.0	23.0	26.9	31.3	39.6	47.9	56.9	65.8
105°	7.0	7.7	10.9	16.0	22.4	26.2	30.0	37.7	45.4	54.3	62.0
107.5°	8.3	9.0	11.5	16.6	22.4	25.6	29.4	35.8	43.5	51.1	59.5
110°	9.6	9.6	12.8	17.3	22.4	24.9	28.8	35.2	42.2	49.2	56.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	11.5	11.5	13.4	17.9	22.4	24.9	28.1	33.9	40.3	47.3	53.7
115°	13.4	12.8	14.7	18.5	23.0	24.9	28.1	33.2	39.0	45.4	51.8
117.5°	14.7	14.1	16.0	19.2	23.0	25.6	28.1	33.2	38.4	44.1	49.9
120°	16.6	15.3	16.6	19.8	23.7	25.6	28.1	32.6	37.7	42.8	47.9
122.5°	17.9	17.3	17.9	21.1	24.3	25.6	28.1	32.0	37.1	41.6	46.7
125°	19.8	18.5	19.2	21.7	24.9	26.2	28.8	32.0	36.4	40.9	45.4
127.5°	21.7	19.8	19.8	22.4	24.9	26.9	28.8	32.0	35.8	39.6	44.1
130°	23.0	21.7	21.1	23.7	25.6	26.9	28.8	32.0	35.2	39.0	42.8
132.5°	24.9	23.0	22.4	24.3	26.2	27.5	29.4	32.0	35.2	38.4	42.2
135°	26.2	24.3	23.7	24.9	26.9	28.1	29.4	32.0	35.2	37.7	40.9
137.5°	26.9	25.6	24.9	25.6	27.5	28.8	30.0	32.0	34.5	37.1	40.3
140°	28.1	26.9	26.2	26.9	28.1	28.8	30.0	32.0	34.5	36.4	39.6
142.5°	28.1	28.1	26.9	27.5	28.1	29.4	30.7	32.0	33.9	36.4	38.4
145°	28.8	28.8	28.1	28.8	28.8	29.4	30.7	32.0	33.9	35.8	37.7
147.5°	29.4	29.4	29.4	29.4	29.4	30.0	30.7	32.0	33.9	35.2	37.1
150°	29.4	29.4	30.0	30.0	30.7	30.7	31.3	32.0	33.9	35.2	36.4
152.5°	29.4	28.8	30.0	30.7	31.3	31.3	31.3	32.0	33.2	34.5	35.8
155°	28.8	28.1	29.4	30.0	30.7	31.3	32.0	32.0	33.2	33.9	35.2
157.5°	28.1	27.5	28.8	29.4	30.0	30.7	31.3	31.3	32.0	33.2	34.5
160°	27.5	26.9	27.5	28.8	29.4	30.0	30.7	30.7	31.3	32.0	33.2
162.5°	26.2	25.6	26.2	27.5	28.1	28.8	29.4	30.0	30.7	31.3	32.0
165°	24.3	24.3	24.3	25.6	26.9	27.5	28.1	28.8	29.4	30.0	30.7
167.5°	23.0	22.4	23.0	23.7	24.9	25.6	26.2	26.9	27.5	28.1	28.8
170°	23.0	22.4	22.4	23.0	23.7	23.7	24.3	24.9	25.6	26.2	26.9
172.5°	23.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.7	23.7
175°	23.7	23.7	23.0	23.0	22.4	22.4	22.4	22.4	21.7	21.1	21.1
177.5°	23.7	23.7	23.7	23.0	23.0	22.4	22.4	22.4	21.7	21.1	19.8
180°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4	364.4
2.5°	363.8	363.8	361.2	363.8	364.4	363.1	362.5	363.8	361.8	360.6
5°	362.5	362.5	360.6	363.1	363.8	362.5	362.5	363.8	361.8	361.2
7.5°	359.9	360.6	359.3	361.8	362.5	361.2	361.2	362.5	361.2	359.9
10°	357.4	357.4	356.7	358.6	358.6	358.0	357.4	358.6	358.0	356.1
12.5°	353.5	354.2	352.9	355.4	356.1	354.8	354.8	356.1	354.8	353.5
15°	349.1	349.1	349.1	351.0	351.6	351.0	351.0	352.2	351.0	349.7
17.5°	343.3	343.9	343.9	346.5	347.1	345.9	345.9	347.8	347.1	345.2
20°	336.3	336.9	337.5	339.5	340.1	339.5	339.5	340.7	340.7	338.8
22.5°	329.2	329.2	330.5	332.4	333.1	332.4	332.4	334.3	334.3	331.8
25°	320.9	320.9	322.8	325.4	325.4	324.8	325.4	326.7	327.3	325.4
27.5°	312.6	313.3	315.2	317.7	317.7	317.7	317.7	319.6	319.6	318.4
30°	303.0	304.3	306.2	308.8	309.4	309.4	310.1	311.3	312.6	310.7
32.5°	293.4	294.7	297.3	300.5	301.1	301.7	302.4	304.9	306.2	304.3
35°	283.8	285.1	289.0	292.8	293.4	294.1	295.4	297.9	299.2	297.3
37.5°	274.3	276.2	281.3	284.5	285.8	286.4	288.3	290.2	292.8	290.2
40°	265.3	267.2	273.0	276.8	277.5	278.7	280.6	283.2	285.1	283.2
42.5°	255.7	258.3	264.0	268.5	269.8	271.1	273.0	275.5	278.1	276.8
45°	246.1	249.3	255.7	260.2	261.5	263.4	265.9	268.5	271.1	269.1
47.5°	236.5	240.4	247.4	251.9	253.2	255.7	258.3	260.8	263.4	262.1
50°	226.9	230.8	238.5	243.6	245.5	248.0	250.0	253.2	255.7	254.4
52.5°	218.0	221.8	230.1	235.3	237.2	239.7	242.3	245.5	248.0	246.8
55°	207.8	212.2	221.2	226.3	228.2	231.4	234.6	237.2	240.4	239.1
57.5°	198.8	203.9	212.9	218.6	220.6	223.8	226.9	230.1	233.3	231.4
60°	189.9	195.0	204.6	210.3	212.2	216.1	219.3	221.8	225.7	224.4
62.5°	180.9	186.7	195.6	202.0	204.6	207.8	211.0	214.2	217.4	216.7
65°	171.3	177.7	187.3	193.7	196.3	200.1	203.3	206.5	209.7	209.0
67.5°	163.7	170.1	179.6	186.0	188.6	192.4	196.3	199.5	202.7	202.0
70°	154.7	161.7	171.3	177.7	180.3	184.1	188.0	191.1	194.3	194.3
72.5°	147.0	154.1	163.7	170.1	173.2	177.1	180.9	184.1	187.3	186.7
75°	139.4	146.4	156.0	162.4	165.6	170.1	173.9	177.1	180.3	179.6
77.5°	131.1	138.7	148.3	154.7	157.9	162.4	166.2	169.4	172.6	172.0
80°	123.4	131.7	141.3	147.7	150.9	154.7	159.2	162.4	165.6	164.9
82.5°	116.4	124.7	134.9	141.3	144.5	148.3	152.8	156.0	158.5	158.5
85°	110.0	117.6	127.2	134.3	137.4	141.3	145.8	149.0	152.2	151.5
87.5°	103.6	111.2	120.2	127.2	130.4	134.3	139.4	142.6	145.1	145.1
90°	97.8	105.5	114.4	120.8	124.0	127.9	132.3	136.2	138.7	138.7
92.5°	92.7	99.7	108.7	114.4	117.6	121.5	126.6	129.1	131.7	131.7
95°	87.6	94.6	102.9	108.7	111.9	115.7	120.2	123.4	125.3	125.9
97.5°	82.5	89.5	97.8	102.9	106.1	110.0	114.4	117.0	118.9	119.5
100°	78.0	85.0	92.7	97.8	101.0	104.8	108.7	111.2	113.2	113.8
102.5°	74.2	80.6	88.2	93.3	95.9	99.1	103.6	106.1	108.0	108.0
105°	70.3	76.7	83.7	88.9	91.4	94.6	98.5	101.0	102.9	102.9
107.5°	66.5	72.9	79.3	84.4	86.9	89.5	93.3	95.9	97.8	97.8
110°	63.3	69.0	75.4	79.9	82.5	85.0	88.9	91.4	92.7	93.3



TEST NUMBER: P893135

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-MID-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	60.7	65.8	71.6	76.1	78.6	81.2	84.4	86.9	88.2	88.9
115°	58.2	62.7	68.4	72.2	74.8	77.4	80.6	82.5	83.7	84.4
117.5°	55.6	60.1	65.2	69.0	71.0	73.5	76.7	78.6	79.9	80.6
120°	53.7	57.5	62.7	65.8	67.8	70.3	72.9	74.8	76.1	76.1
122.5°	51.1	55.6	59.5	62.7	64.6	66.5	69.7	71.0	72.2	72.2
125°	49.9	53.1	57.5	60.1	62.0	63.9	66.5	67.8	69.0	69.0
127.5°	47.9	51.1	55.0	57.5	58.8	60.7	63.3	64.6	65.2	65.8
130°	46.7	49.9	53.1	55.6	56.9	58.2	60.7	61.4	62.7	62.7
132.5°	45.4	47.9	51.1	53.1	54.3	55.6	57.5	58.8	59.5	60.1
135°	44.1	46.7	49.2	51.1	52.4	53.7	55.6	56.3	56.9	57.5
137.5°	42.8	45.4	47.3	49.2	49.9	51.1	53.1	53.7	54.3	54.3
140°	41.6	44.1	46.0	47.3	48.6	49.2	51.1	51.8	51.8	52.4
142.5°	40.9	42.8	44.1	45.4	46.7	47.3	48.6	49.2	49.9	49.9
145°	39.6	41.6	42.8	44.1	44.8	45.4	46.7	47.3	47.9	47.9
147.5°	39.0	40.3	41.6	42.8	43.5	44.1	45.4	45.4	46.0	46.0
150°	37.7	39.6	40.3	41.6	42.2	42.2	43.5	44.1	44.1	44.1
152.5°	37.1	38.4	39.0	39.6	40.3	40.9	41.6	42.2	42.2	42.2
155°	36.4	37.7	38.4	39.0	39.0	39.6	40.3	40.3	40.3	40.9
157.5°	35.8	36.4	37.1	37.7	37.7	38.4	39.0	39.0	39.0	39.0
160°	34.5	35.2	35.8	36.4	37.1	37.1	37.7	37.7	37.7	37.7
162.5°	32.6	33.9	34.5	35.2	35.8	35.8	36.4	36.4	36.4	36.4
165°	31.3	32.0	32.6	33.9	34.5	34.5	35.2	35.2	35.2	35.2
167.5°	30.0	30.0	30.7	31.3	32.6	33.2	33.9	34.5	34.5	34.5
170°	27.5	27.5	28.1	28.1	29.4	30.0	31.3	32.6	33.2	33.2
172.5°	24.3	24.3	24.9	24.3	24.9	24.9	25.6	26.9	28.1	28.8
175°	21.1	21.1	19.8	19.2	19.2	18.5	18.5	17.9	16.6	17.9
177.5°	18.5	17.9	16.6	15.3	15.3	14.7	14.7	13.4	12.1	12.1
180°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5



TEST NUMBER: P893135
 CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-MID-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	12.63	13.94	13.27	14.61	15.38	16.01	17.32	16.66	17.99	18.76
	3H	13.95	15.15	14.61	15.82	16.63	18.83	20.03	19.49	20.70	21.51
	4H	14.35	15.49	15.02	16.17	16.99	20.25	21.39	20.92	22.07	22.89
	6H	14.56	15.62	15.24	16.31	17.15	21.73	22.79	22.42	23.49	24.32
	8H	14.59	15.61	15.29	16.33	17.16	22.49	23.50	23.18	24.22	25.06
	12H	14.60	15.57	15.30	16.28	17.15	23.28	24.25	23.98	24.97	25.83
4H	2H	13.75	14.89	14.43	15.58	16.39	16.35	17.49	17.03	18.18	18.99
	3H	15.36	16.34	16.05	17.06	17.89	19.41	20.38	20.09	21.10	21.94
	4H	15.92	16.82	16.62	17.54	18.41	21.00	21.90	21.71	22.63	23.49
	6H	16.26	17.06	16.98	17.81	18.68	22.70	23.50	23.42	24.25	25.12
	8H	16.33	17.08	17.06	17.83	18.72	23.58	24.33	24.30	25.07	25.96
	12H	16.36	17.04	17.11	17.82	18.71	24.51	25.19	25.26	25.96	26.85
8H	4H	16.96	17.71	17.69	18.46	19.35	21.18	21.93	21.91	22.68	23.56
	6H	17.57	18.21	18.33	19.00	19.89	23.06	23.70	23.82	24.49	25.38
	8H	17.77	18.35	18.54	19.14	20.04	24.09	24.67	24.86	25.46	26.36
	12H	17.89	18.41	18.66	19.19	20.14	25.23	25.74	26.00	26.52	27.48
12H	4H	17.29	17.98	18.04	18.75	19.64	21.18	21.86	21.92	22.63	23.52
	6H	18.07	18.65	18.84	19.44	20.34	23.10	23.68	23.86	24.46	25.36
	8H	18.40	18.92	19.17	19.70	20.65	24.19	24.71	24.96	25.49	26.45