

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: P893125

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC83-MID-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893125
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-CC83-MID-3500K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 35
CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

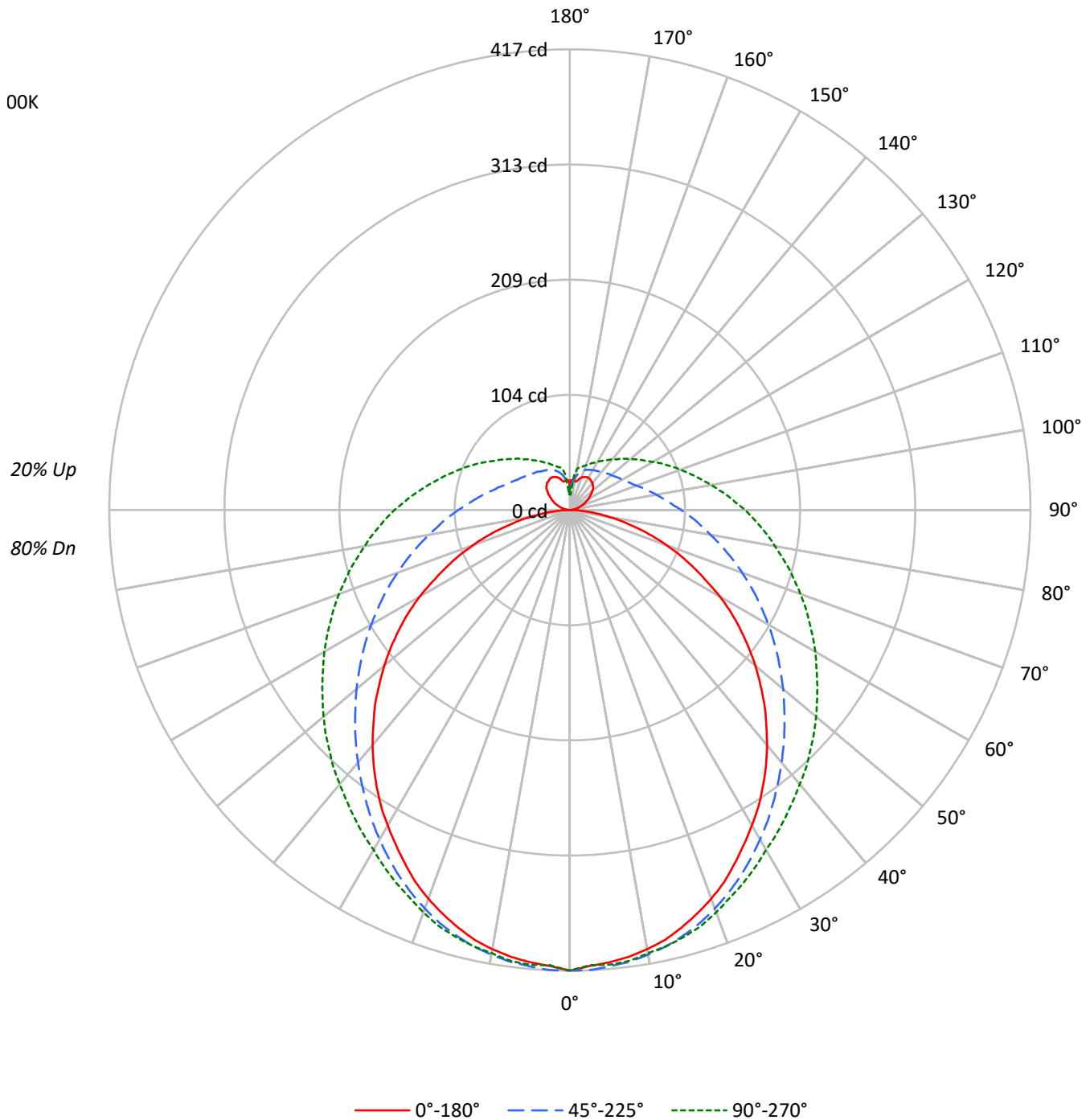
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1751.0 lumens
Efficiency: N/A
Efficacy: 126.0 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				
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°	5963	5963	5963
5°	5847	5722	5661
10°	5756	5490	5395
15°	5635	5252	5164
20°	5489	5003	4918
25°	5313	4748	4679
30°	5134	4491	4459
35°	4959	4245	4291
40°	4767	4015	4144
45°	4563	3804	4023
50°	4337	3620	3918
55°	4089	3450	3827
60°	3804	3300	3767
65°	3433	3170	3721
70°	3037	3060	3711
75°	2524	2983	3730
80°	1888	2945	3783
85°	1147	3001	3916

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4563 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.4	2.2
10°-20°	112.5	6.4
20°-30°	168.7	9.6
30°-40°	202.7	11.6
40°-50°	214.8	12.3
50°-60°	206.8	11.8
60°-70°	182.7	10.4
70°-80°	149.5	8.5
80°-90°	116.0	6.6
90°-100°	89.9	5.1
100°-110°	71.3	4.1
110°-120°	57.0	3.3
120°-130°	45.6	2.6
130°-140°	36.0	2.1
140°-150°	27.1	1.6
150°-160°	18.6	1.1
160°-170°	9.9	0.6
170°-180°	2.5	0.1
0°-30°	320.5	18.3
0°-40°	523.2	29.9
0°-60°	944.8	54.0
0°-90°	1393.0	79.6
90°-120°	218.2	12.5
90°-150°	327.0	18.7
90°-180°	358.0	20.4
0°-180°	1751.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	417	417	417	417	417	
5°	411	415	415	416	413	39
15°	391	398	398	402	400	110
25°	353	362	366	372	372	163
35°	305	314	322	336	340	191
45°	249	259	275	299	308	192
55°	189	200	230	261	274	169
65°	124	143	186	224	239	123
75°	64	94	147	189	206	68
85°	15	57	115	157	173	17
90°	1	45	101	142	159	1
95°	2	37	89	128	144	2
105°	8	30	71	105	118	8
115°	15	28	59	86	96	15
125°	23	30	52	71	79	20
135°	30	32	47	60	66	23
145°	33	34	43	51	55	21
155°	33	36	40	45	47	15
165°	28	31	35	40	40	8
175°	27	26	24	22	20	3
180°	21	21	21	21	21	



TEST NUMBER: P893125
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8
2.5°	413.1	415.3	416.0	415.3	415.3	416.8	416.8	419.7	420.4	416.0	416.8
5°	410.9	413.1	414.6	413.8	413.8	415.3	414.6	417.5	418.2	414.6	414.6
7.5°	408.0	410.2	411.6	410.9	410.9	412.4	411.6	414.6	415.3	412.4	412.4
10°	403.6	406.5	408.0	406.5	407.3	408.7	408.0	410.9	411.6	408.7	408.7
12.5°	398.5	401.4	402.9	402.1	402.9	403.6	402.9	406.5	407.3	404.3	404.3
15°	391.2	394.8	395.6	394.8	395.6	397.7	396.3	399.2	401.4	398.5	398.5
17.5°	383.1	386.8	388.2	387.5	389.0	390.4	389.0	392.6	394.1	391.2	391.9
20°	374.4	378.0	379.5	378.7	380.2	381.7	380.2	383.9	385.3	383.1	383.9
22.5°	364.8	368.5	370.0	369.2	370.7	372.2	370.7	374.4	376.5	374.4	375.1
25°	353.1	357.5	359.0	358.3	359.7	361.9	359.7	364.1	366.3	364.8	365.6
27.5°	341.4	345.1	348.0	346.6	348.8	351.0	349.5	352.4	355.3	354.6	355.3
30°	329.7	333.4	336.3	334.9	337.1	339.3	337.1	340.7	343.6	343.6	344.4
32.5°	318.1	321.0	323.2	322.4	323.9	326.8	325.4	329.0	331.9	331.9	333.4
35°	304.9	307.8	310.0	309.3	311.5	313.7	312.2	315.9	319.5	320.2	321.7
37.5°	291.7	294.7	296.8	296.1	297.6	300.5	299.0	303.4	306.4	307.8	310.0
40°	277.8	280.8	283.0	282.2	284.4	286.6	285.9	289.5	293.2	295.4	298.3
42.5°	263.2	266.1	268.3	268.3	270.5	273.5	272.0	276.4	280.0	283.0	286.6
45°	249.3	251.5	253.7	253.7	256.6	258.8	258.1	262.5	266.9	270.5	274.9
47.5°	234.0	236.9	238.4	239.1	242.0	244.2	244.2	248.6	253.7	258.8	263.2
50°	219.3	221.5	223.7	223.7	227.4	229.6	229.6	234.7	241.3	247.1	252.2
52.5°	204.0	206.2	208.4	209.1	212.0	215.0	215.0	220.8	228.1	234.7	240.5
55°	188.6	190.8	192.3	193.8	197.4	199.6	201.1	207.6	215.7	222.3	229.6
57.5°	173.3	174.7	176.9	178.4	182.8	185.7	187.9	195.2	203.3	211.3	218.6
60°	157.2	159.4	160.9	163.0	167.4	171.8	174.0	182.1	190.8	199.6	207.6
62.5°	139.7	141.8	144.0	147.0	153.5	157.2	160.9	169.6	178.4	187.9	196.7
65°	124.3	125.8	128.0	130.9	138.2	142.6	147.0	156.5	166.7	176.9	186.4
67.5°	108.9	110.4	113.3	117.0	125.0	129.4	133.8	144.0	155.7	166.7	176.2
70°	93.6	94.3	98.0	103.1	111.9	116.3	121.4	131.6	143.3	155.7	166.0
72.5°	78.2	79.7	83.4	89.2	99.4	104.6	109.7	121.4	133.1	144.8	156.5
75°	63.6	64.3	69.5	76.8	87.7	93.6	99.4	111.1	123.6	136.0	147.0
77.5°	49.7	50.4	57.0	65.1	76.8	83.4	89.2	100.9	114.1	126.5	138.2
80°	36.6	38.0	44.6	54.8	66.5	73.1	80.4	92.9	105.3	118.4	129.4
82.5°	24.9	27.1	34.4	45.3	57.8	65.1	71.7	84.1	97.2	110.4	121.4
85°	15.4	17.5	26.3	37.3	50.4	57.0	63.6	76.8	89.9	102.4	114.8
87.5°	6.6	11.0	19.7	30.7	43.9	50.4	57.8	70.2	82.6	95.8	107.5
90°	0.7	6.6	15.4	26.3	38.8	45.3	51.9	64.3	76.8	89.2	100.9
92.5°	0.7	4.4	12.4	22.7	34.4	40.9	46.8	59.2	70.9	83.4	94.3
95°	2.2	4.4	11.0	20.5	31.4	37.3	43.1	54.8	66.5	78.2	89.2
97.5°	2.9	5.1	11.0	19.0	28.5	34.4	40.2	51.2	62.1	73.1	84.1
100°	4.4	5.8	11.0	18.3	27.1	32.2	37.3	47.5	58.5	69.5	79.7
102.5°	5.8	7.3	11.7	18.3	26.3	30.7	35.8	45.3	54.8	65.1	75.3
105°	8.0	8.8	12.4	18.3	25.6	30.0	34.4	43.1	51.9	62.1	70.9
107.5°	9.5	10.2	13.2	19.0	25.6	29.2	33.6	40.9	49.7	58.5	68.0
110°	11.0	11.0	14.6	19.7	25.6	28.5	32.9	40.2	48.3	56.3	64.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	13.2	13.2	15.4	20.5	25.6	28.5	32.2	38.8	46.1	54.1	61.4
115°	15.4	14.6	16.8	21.2	26.3	28.5	32.2	38.0	44.6	51.9	59.2
117.5°	16.8	16.1	18.3	21.9	26.3	29.2	32.2	38.0	43.9	50.4	57.0
120°	19.0	17.5	19.0	22.7	27.1	29.2	32.2	37.3	43.1	49.0	54.8
122.5°	20.5	19.7	20.5	24.1	27.8	29.2	32.2	36.6	42.4	47.5	53.4
125°	22.7	21.2	21.9	24.9	28.5	30.0	32.9	36.6	41.7	46.8	51.9
127.5°	24.9	22.7	22.7	25.6	28.5	30.7	32.9	36.6	40.9	45.3	50.4
130°	26.3	24.9	24.1	27.1	29.2	30.7	32.9	36.6	40.2	44.6	49.0
132.5°	28.5	26.3	25.6	27.8	30.0	31.4	33.6	36.6	40.2	43.9	48.3
135°	30.0	27.8	27.1	28.5	30.7	32.2	33.6	36.6	40.2	43.1	46.8
137.5°	30.7	29.2	28.5	29.2	31.4	32.9	34.4	36.6	39.5	42.4	46.1
140°	32.2	30.7	30.0	30.7	32.2	32.9	34.4	36.6	39.5	41.7	45.3
142.5°	32.2	32.2	30.7	31.4	32.2	33.6	35.1	36.6	38.8	41.7	43.9
145°	32.9	32.9	32.2	32.9	32.9	33.6	35.1	36.6	38.8	40.9	43.1
147.5°	33.6	33.6	33.6	33.6	33.6	34.4	35.1	36.6	38.8	40.2	42.4
150°	33.6	33.6	34.4	34.4	35.1	35.1	35.8	36.6	38.8	40.2	41.7
152.5°	33.6	32.9	34.4	35.1	35.8	35.8	35.8	36.6	38.0	39.5	40.9
155°	32.9	32.2	33.6	34.4	35.1	35.8	36.6	36.6	38.0	38.8	40.2
157.5°	32.2	31.4	32.9	33.6	34.4	35.1	35.8	35.8	36.6	38.0	39.5
160°	31.4	30.7	31.4	32.9	33.6	34.4	35.1	35.1	35.8	36.6	38.0
162.5°	30.0	29.2	30.0	31.4	32.2	32.9	33.6	34.4	35.1	35.8	36.6
165°	27.8	27.8	27.8	29.2	30.7	31.4	32.2	32.9	33.6	34.4	35.1
167.5°	26.3	25.6	26.3	27.1	28.5	29.2	30.0	30.7	31.4	32.2	32.9
170°	26.3	25.6	25.6	26.3	27.1	27.1	27.8	28.5	29.2	30.0	30.7
172.5°	27.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	27.1	27.1
175°	27.1	27.1	26.3	26.3	25.6	25.6	25.6	25.6	24.9	24.1	24.1
177.5°	27.1	27.1	27.1	26.3	26.3	25.6	25.6	25.6	24.9	24.1	22.7
180°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8	416.8
2.5°	416.0	416.0	413.1	416.0	416.8	415.3	414.6	416.0	413.8	412.4
5°	414.6	414.6	412.4	415.3	416.0	414.6	414.6	416.0	413.8	413.1
7.5°	411.6	412.4	410.9	413.8	414.6	413.1	413.1	414.6	413.1	411.6
10°	408.7	408.7	408.0	410.2	410.2	409.4	408.7	410.2	409.4	407.3
12.5°	404.3	405.1	403.6	406.5	407.3	405.8	405.8	407.3	405.8	404.3
15°	399.2	399.2	399.2	401.4	402.1	401.4	401.4	402.9	401.4	399.9
17.5°	392.6	393.4	393.4	396.3	397.0	395.6	395.6	397.7	397.0	394.8
20°	384.6	385.3	386.0	388.2	389.0	388.2	388.2	389.7	389.7	387.5
22.5°	376.5	376.5	378.0	380.2	380.9	380.2	380.2	382.4	382.4	379.5
25°	367.0	367.0	369.2	372.2	372.2	371.4	372.2	373.6	374.4	372.2
27.5°	357.5	358.3	360.5	363.4	363.4	363.4	363.4	365.6	365.6	364.1
30°	346.6	348.0	350.2	353.1	353.9	353.9	354.6	356.1	357.5	355.3
32.5°	335.6	337.1	340.0	343.6	344.4	345.1	345.8	348.8	350.2	348.0
35°	324.6	326.1	330.5	334.9	335.6	336.3	337.8	340.7	342.2	340.0
37.5°	313.7	315.9	321.7	325.4	326.8	327.6	329.7	331.9	334.9	331.9
40°	303.4	305.6	312.2	316.6	317.3	318.8	321.0	323.9	326.1	323.9
42.5°	292.5	295.4	302.0	307.1	308.5	310.0	312.2	315.1	318.1	316.6
45°	281.5	285.1	292.5	297.6	299.0	301.2	304.2	307.1	310.0	307.8
47.5°	270.5	274.9	283.0	288.1	289.5	292.5	295.4	298.3	301.2	299.8
50°	259.6	263.9	272.7	278.6	280.8	283.7	285.9	289.5	292.5	291.0
52.5°	249.3	253.7	263.2	269.1	271.3	274.2	277.1	280.8	283.7	282.2
55°	237.6	242.7	253.0	258.8	261.0	264.7	268.3	271.3	274.9	273.5
57.5°	227.4	233.2	243.5	250.1	252.2	255.9	259.6	263.2	266.9	264.7
60°	217.2	223.0	234.0	240.5	242.7	247.1	250.8	253.7	258.1	256.6
62.5°	206.9	213.5	223.7	231.0	234.0	237.6	241.3	244.9	248.6	247.9
65°	195.9	203.3	214.2	221.5	224.5	228.9	232.5	236.2	239.8	239.1
67.5°	187.2	194.5	205.5	212.8	215.7	220.1	224.5	228.1	231.8	231.0
70°	176.9	185.0	195.9	203.3	206.2	210.6	215.0	218.6	222.3	222.3
72.5°	168.2	176.2	187.2	194.5	198.1	202.5	206.9	210.6	214.2	213.5
75°	159.4	167.4	178.4	185.7	189.4	194.5	198.9	202.5	206.2	205.5
77.5°	149.9	158.7	169.6	176.9	180.6	185.7	190.1	193.8	197.4	196.7
80°	141.1	150.6	161.6	168.9	172.6	176.9	182.1	185.7	189.4	188.6
82.5°	133.1	142.6	154.3	161.6	165.2	169.6	174.7	178.4	181.3	181.3
85°	125.8	134.5	145.5	153.5	157.2	161.6	166.7	170.4	174.0	173.3
87.5°	118.4	127.2	137.5	145.5	149.2	153.5	159.4	163.0	166.0	166.0
90°	111.9	120.6	130.9	138.2	141.8	146.2	151.3	155.7	158.7	158.7
92.5°	106.0	114.1	124.3	130.9	134.5	138.9	144.8	147.7	150.6	150.6
95°	100.2	108.2	117.7	124.3	128.0	132.3	137.5	141.1	143.3	144.0
97.5°	94.3	102.4	111.9	117.7	121.4	125.8	130.9	133.8	136.0	136.7
100°	89.2	97.2	106.0	111.9	115.5	119.9	124.3	127.2	129.4	130.1
102.5°	84.8	92.1	100.9	106.7	109.7	113.3	118.4	121.4	123.6	123.6
105°	80.4	87.7	95.8	101.6	104.6	108.2	112.6	115.5	117.7	117.7
107.5°	76.0	83.4	90.7	96.5	99.4	102.4	106.7	109.7	111.9	111.9
110°	72.4	79.0	86.3	91.4	94.3	97.2	101.6	104.6	106.0	106.7



TEST NUMBER: P893125

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-MID-3500K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	69.5	75.3	81.9	87.0	89.9	92.9	96.5	99.4	100.9	101.6
115°	66.5	71.7	78.2	82.6	85.5	88.5	92.1	94.3	95.8	96.5
117.5°	63.6	68.7	74.6	79.0	81.2	84.1	87.7	89.9	91.4	92.1
120°	61.4	65.8	71.7	75.3	77.5	80.4	83.4	85.5	87.0	87.0
122.5°	58.5	63.6	68.0	71.7	73.8	76.0	79.7	81.2	82.6	82.6
125°	57.0	60.7	65.8	68.7	70.9	73.1	76.0	77.5	79.0	79.0
127.5°	54.8	58.5	62.9	65.8	67.3	69.5	72.4	73.8	74.6	75.3
130°	53.4	57.0	60.7	63.6	65.1	66.5	69.5	70.2	71.7	71.7
132.5°	51.9	54.8	58.5	60.7	62.1	63.6	65.8	67.3	68.0	68.7
135°	50.4	53.4	56.3	58.5	60.0	61.4	63.6	64.3	65.1	65.8
137.5°	49.0	51.9	54.1	56.3	57.0	58.5	60.7	61.4	62.1	62.1
140°	47.5	50.4	52.6	54.1	55.6	56.3	58.5	59.2	59.2	60.0
142.5°	46.8	49.0	50.4	51.9	53.4	54.1	55.6	56.3	57.0	57.0
145°	45.3	47.5	49.0	50.4	51.2	51.9	53.4	54.1	54.8	54.8
147.5°	44.6	46.1	47.5	49.0	49.7	50.4	51.9	51.9	52.6	52.6
150°	43.1	45.3	46.1	47.5	48.3	48.3	49.7	50.4	50.4	50.4
152.5°	42.4	43.9	44.6	45.3	46.1	46.8	47.5	48.3	48.3	48.3
155°	41.7	43.1	43.9	44.6	44.6	45.3	46.1	46.1	46.1	46.8
157.5°	40.9	41.7	42.4	43.1	43.1	43.9	44.6	44.6	44.6	44.6
160°	39.5	40.2	40.9	41.7	42.4	42.4	43.1	43.1	43.1	43.1
162.5°	37.3	38.8	39.5	40.2	40.9	40.9	41.7	41.7	41.7	41.7
165°	35.8	36.6	37.3	38.8	39.5	39.5	40.2	40.2	40.2	40.2
167.5°	34.4	34.4	35.1	35.8	37.3	38.0	38.8	39.5	39.5	39.5
170°	31.4	31.4	32.2	32.2	33.6	34.4	35.8	37.3	38.0	38.0
172.5°	27.8	27.8	28.5	27.8	28.5	28.5	29.2	30.7	32.2	32.9
175°	24.1	24.1	22.7	21.9	21.9	21.2	21.2	20.5	19.0	20.5
177.5°	21.2	20.5	19.0	17.5	17.5	16.8	16.8	15.4	13.9	13.9
180°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2



TEST NUMBER: P893125
 CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-MID-3500K

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	13.10	14.41	13.74	15.07	15.84	16.48	17.79	17.12	18.46	19.23
	3H	14.42	15.61	15.07	16.29	17.09	19.30	20.49	19.95	21.17	21.97
	4H	14.81	15.95	15.49	16.64	17.46	20.71	21.85	21.39	22.54	23.35
	6H	15.02	16.08	15.71	16.78	17.61	22.20	23.26	22.89	23.96	24.79
	8H	15.06	16.07	15.75	16.79	17.63	22.95	23.97	23.65	24.69	25.52
	12H	15.06	16.04	15.77	16.75	17.61	23.75	24.72	24.45	25.43	26.30
4H	2H	14.22	15.36	14.90	16.04	16.86	16.82	17.95	17.49	18.64	19.46
	3H	15.83	16.80	16.52	17.53	18.36	19.87	20.85	20.56	21.57	22.41
	4H	16.39	17.29	17.09	18.01	18.87	21.47	22.37	22.17	23.09	23.96
	6H	16.73	17.52	17.45	18.27	19.14	23.17	23.96	23.89	24.71	25.58
	8H	16.80	17.55	17.53	18.30	19.18	24.04	24.79	24.77	25.54	26.42
	12H	16.83	17.51	17.58	18.28	19.17	24.97	25.66	25.72	26.43	27.32
8H	4H	17.43	18.18	18.16	18.93	19.81	21.65	22.40	22.37	23.14	24.03
	6H	18.04	18.68	18.80	19.47	20.35	23.53	24.17	24.29	24.96	25.84
	8H	18.24	18.82	19.01	19.61	20.51	24.56	25.14	25.33	25.92	26.83
	12H	18.36	18.87	19.13	19.65	20.61	25.69	26.21	26.46	26.99	27.95
12H	4H	17.76	18.45	18.51	19.22	20.11	21.64	22.33	22.39	23.10	23.99
	6H	18.54	19.12	19.30	19.90	20.80	23.56	24.14	24.33	24.93	25.83
	8H	18.87	19.38	19.64	20.16	21.12	24.66	25.17	25.43	25.95	26.91