

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: P893127

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC83-MID-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893127
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-5000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 50
CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

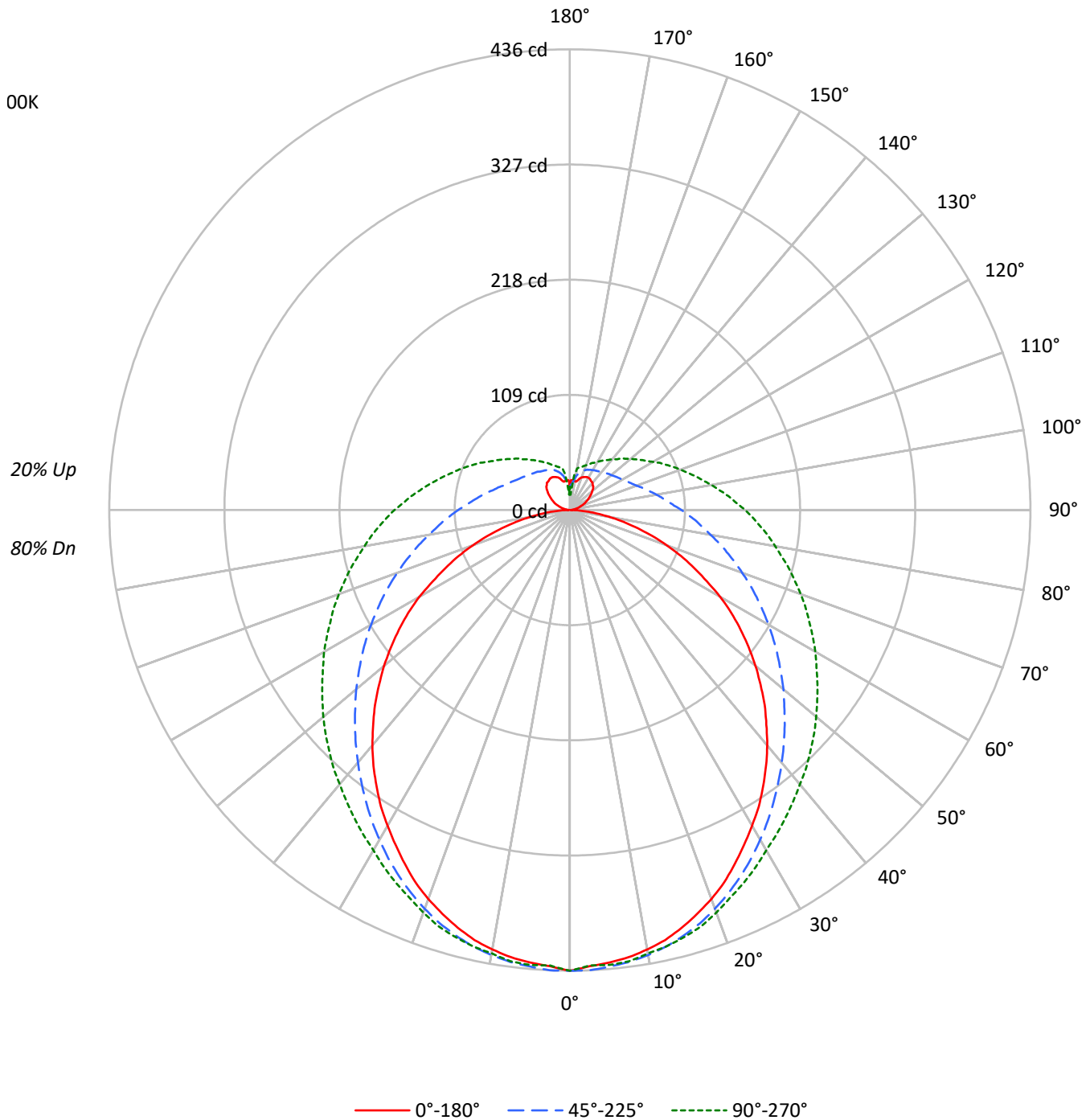
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1832.0 lumens
Efficiency: N/A
Efficacy: 131.8 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°	6237	6237	6237
5°	6117	5986	5923
10°	6023	5744	5644
15°	5895	5494	5403
20°	5743	5234	5145
25°	5559	4968	4896
30°	5372	4699	4666
35°	5188	4442	4489
40°	4988	4200	4335
45°	4776	3980	4210
50°	4538	3788	4100
55°	4280	3610	4003
60°	3981	3454	3941
65°	3590	3318	3892
70°	3176	3200	3883
75°	2643	3121	3903
80°	1971	3082	3959
85°	1199	3139	4097

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4776 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	2.2
10°-20°	117.7	6.4
20°-30°	176.5	9.6
30°-40°	212.1	11.6
40°-50°	224.8	12.3
50°-60°	216.4	11.8
60°-70°	191.1	10.4
70°-80°	156.4	8.5
80°-90°	121.4	6.6
90°-100°	94.0	5.1
100°-110°	74.6	4.1
110°-120°	59.7	3.3
120°-130°	47.7	2.6
130°-140°	37.6	2.1
140°-150°	28.4	1.6
150°-160°	19.4	1.1
160°-170°	10.4	0.6
170°-180°	2.6	0.1
0°-30°	335.3	18.3
0°-40°	547.4	29.9
0°-60°	988.6	54.0
0°-90°	1457.5	79.6
90°-120°	228.3	12.5
90°-150°	342.1	18.7
90°-180°	375.0	20.5
0°-180°	1832.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	436	436	436	436	436	
5°	430	434	434	435	432	41
15°	409	416	417	421	418	115
25°	370	379	382	389	389	170
35°	319	328	337	351	356	200
45°	261	271	288	313	322	201
55°	197	209	240	273	286	176
65°	130	149	195	235	250	129
75°	67	98	154	198	215	71
85°	16	60	120	164	181	18
90°	1	47	106	148	166	1
95°	2	39	93	134	151	2
105°	8	31	74	109	123	9
115°	16	30	62	90	101	16
125°	24	31	54	74	83	21
135°	31	34	49	63	69	24
145°	34	35	45	54	57	22
155°	34	38	42	47	49	16
165°	29	33	37	41	42	8
175°	28	27	25	23	21	3
180°	22	22	22	22	22	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0
2.5°	432.2	434.5	435.3	434.5	434.5	436.0	436.0	439.1	439.9	435.3	436.0
5°	429.9	432.2	433.7	433.0	433.0	434.5	433.7	436.8	437.6	433.7	433.7
7.5°	426.9	429.2	430.7	429.9	429.9	431.4	430.7	433.7	434.5	431.4	431.4
10°	422.3	425.3	426.9	425.3	426.1	427.6	426.9	429.9	430.7	427.6	427.6
12.5°	416.9	420.0	421.5	420.7	421.5	422.3	421.5	425.3	426.1	423.0	423.0
15°	409.3	413.1	413.9	413.1	413.9	416.1	414.6	417.7	420.0	416.9	416.9
17.5°	400.8	404.7	406.2	405.4	407.0	408.5	407.0	410.8	412.3	409.3	410.0
20°	391.7	395.5	397.0	396.3	397.8	399.3	397.8	401.6	403.1	400.8	401.6
22.5°	381.7	385.5	387.1	386.3	387.8	389.4	387.8	391.7	394.0	391.7	392.4
25°	369.5	374.1	375.6	374.8	376.4	378.7	376.4	381.0	383.3	381.7	382.5
27.5°	357.2	361.1	364.1	362.6	364.9	367.2	365.7	368.7	371.8	371.0	371.8
30°	345.0	348.8	351.9	350.4	352.7	354.9	352.7	356.5	359.5	359.5	360.3
32.5°	332.8	335.8	338.1	337.4	338.9	341.9	340.4	344.2	347.3	347.3	348.8
35°	319.0	322.1	324.3	323.6	325.9	328.2	326.6	330.5	334.3	335.1	336.6
37.5°	305.2	308.3	310.6	309.8	311.3	314.4	312.9	317.5	320.5	322.1	324.3
40°	290.7	293.8	296.0	295.3	297.6	299.9	299.1	302.9	306.8	309.0	312.1
42.5°	275.4	278.5	280.7	280.7	283.0	286.1	284.6	289.2	293.0	296.0	299.9
45°	260.9	263.2	265.4	265.4	268.5	270.8	270.0	274.6	279.2	283.0	287.6
47.5°	244.8	247.9	249.4	250.1	253.2	255.5	255.5	260.1	265.4	270.8	275.4
50°	229.5	231.8	234.1	234.1	237.9	240.2	240.2	245.6	252.4	258.6	263.9
52.5°	213.4	215.7	218.0	218.8	221.8	224.9	224.9	231.0	238.7	245.6	251.7
55°	197.4	199.7	201.2	202.7	206.5	208.8	210.4	217.3	225.7	232.6	240.2
57.5°	181.3	182.8	185.1	186.7	191.2	194.3	196.6	204.2	212.7	221.1	228.7
60°	164.5	166.8	168.3	170.6	175.2	179.8	182.1	190.5	199.7	208.8	217.3
62.5°	146.1	148.4	150.7	153.8	160.6	164.5	168.3	177.5	186.7	196.6	205.8
65°	130.0	131.6	133.9	136.9	144.6	149.2	153.8	163.7	174.4	185.1	195.1
67.5°	114.0	115.5	118.6	122.4	130.8	135.4	140.0	150.7	162.9	174.4	184.4
70°	97.9	98.7	102.5	107.9	117.0	121.6	127.0	137.7	149.9	162.9	173.6
72.5°	81.9	83.4	87.2	93.3	104.0	109.4	114.7	127.0	139.2	151.5	163.7
75°	66.6	67.3	72.7	80.3	91.8	97.9	104.0	116.3	129.3	142.3	153.8
77.5°	52.0	52.8	59.7	68.1	80.3	87.2	93.3	105.6	119.3	132.3	144.6
80°	38.2	39.8	46.7	57.4	69.6	76.5	84.1	97.2	110.2	123.9	135.4
82.5°	26.0	28.3	36.0	47.4	60.4	68.1	75.0	88.0	101.7	115.5	127.0
85°	16.1	18.4	27.5	39.0	52.8	59.7	66.6	80.3	94.1	107.1	120.1
87.5°	6.9	11.5	20.7	32.1	45.9	52.8	60.4	73.4	86.4	100.2	112.5
90°	0.8	6.9	16.1	27.5	40.5	47.4	54.3	67.3	80.3	93.3	105.6
92.5°	0.8	4.6	13.0	23.7	36.0	42.8	49.0	62.0	74.2	87.2	98.7
95°	2.3	4.6	11.5	21.4	32.9	39.0	45.1	57.4	69.6	81.9	93.3
97.5°	3.1	5.4	11.5	19.9	29.8	36.0	42.1	53.5	65.0	76.5	88.0
100°	4.6	6.1	11.5	19.1	28.3	33.7	39.0	49.7	61.2	72.7	83.4
102.5°	6.1	7.6	12.2	19.1	27.5	32.1	37.5	47.4	57.4	68.1	78.8
105°	8.4	9.2	13.0	19.1	26.8	31.4	36.0	45.1	54.3	65.0	74.2
107.5°	9.9	10.7	13.8	19.9	26.8	30.6	35.2	42.8	52.0	61.2	71.1
110°	11.5	11.5	15.3	20.7	26.8	29.8	34.4	42.1	50.5	58.9	67.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	13.8	13.8	16.1	21.4	26.8	29.8	33.7	40.5	48.2	56.6	64.3
115°	16.1	15.3	17.6	22.2	27.5	29.8	33.7	39.8	46.7	54.3	62.0
117.5°	17.6	16.8	19.1	22.9	27.5	30.6	33.7	39.8	45.9	52.8	59.7
120°	19.9	18.4	19.9	23.7	28.3	30.6	33.7	39.0	45.1	51.3	57.4
122.5°	21.4	20.7	21.4	25.2	29.1	30.6	33.7	38.2	44.4	49.7	55.8
125°	23.7	22.2	22.9	26.0	29.8	31.4	34.4	38.2	43.6	49.0	54.3
127.5°	26.0	23.7	23.7	26.8	29.8	32.1	34.4	38.2	42.8	47.4	52.8
130°	27.5	26.0	25.2	28.3	30.6	32.1	34.4	38.2	42.1	46.7	51.3
132.5°	29.8	27.5	26.8	29.1	31.4	32.9	35.2	38.2	42.1	45.9	50.5
135°	31.4	29.1	28.3	29.8	32.1	33.7	35.2	38.2	42.1	45.1	49.0
137.5°	32.1	30.6	29.8	30.6	32.9	34.4	36.0	38.2	41.3	44.4	48.2
140°	33.7	32.1	31.4	32.1	33.7	34.4	36.0	38.2	41.3	43.6	47.4
142.5°	33.7	33.7	32.1	32.9	33.7	35.2	36.7	38.2	40.5	43.6	45.9
145°	34.4	34.4	33.7	34.4	34.4	35.2	36.7	38.2	40.5	42.8	45.1
147.5°	35.2	35.2	35.2	35.2	35.2	36.0	36.7	38.2	40.5	42.1	44.4
150°	35.2	35.2	36.0	36.0	36.7	36.7	37.5	38.2	40.5	42.1	43.6
152.5°	35.2	34.4	36.0	36.7	37.5	37.5	37.5	38.2	39.8	41.3	42.8
155°	34.4	33.7	35.2	36.0	36.7	37.5	38.2	38.2	39.8	40.5	42.1
157.5°	33.7	32.9	34.4	35.2	36.0	36.7	37.5	37.5	38.2	39.8	41.3
160°	32.9	32.1	32.9	34.4	35.2	36.0	36.7	36.7	37.5	38.2	39.8
162.5°	31.4	30.6	31.4	32.9	33.7	34.4	35.2	36.0	36.7	37.5	38.2
165°	29.1	29.1	29.1	30.6	32.1	32.9	33.7	34.4	35.2	36.0	36.7
167.5°	27.5	26.8	27.5	28.3	29.8	30.6	31.4	32.1	32.9	33.7	34.4
170°	27.5	26.8	26.8	27.5	28.3	28.3	29.1	29.8	30.6	31.4	32.1
172.5°	28.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	28.3	28.3
175°	28.3	28.3	27.5	27.5	26.8	26.8	26.8	26.8	26.0	25.2	25.2
177.5°	28.3	28.3	28.3	27.5	27.5	26.8	26.8	26.8	26.0	25.2	23.7
180°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0	436.0
2.5°	435.3	435.3	432.2	435.3	436.0	434.5	433.7	435.3	433.0	431.4
5°	433.7	433.7	431.4	434.5	435.3	433.7	433.7	435.3	433.0	432.2
7.5°	430.7	431.4	429.9	433.0	433.7	432.2	432.2	433.7	432.2	430.7
10°	427.6	427.6	426.9	429.2	429.2	428.4	427.6	429.2	428.4	426.1
12.5°	423.0	423.8	422.3	425.3	426.1	424.6	424.6	426.1	424.6	423.0
15°	417.7	417.7	417.7	420.0	420.7	420.0	420.0	421.5	420.0	418.4
17.5°	410.8	411.6	411.6	414.6	415.4	413.9	413.9	416.1	415.4	413.1
20°	402.4	403.1	403.9	406.2	407.0	406.2	406.2	407.7	407.7	405.4
22.5°	394.0	394.0	395.5	397.8	398.6	397.8	397.8	400.1	400.1	397.0
25°	384.0	384.0	386.3	389.4	389.4	388.6	389.4	390.9	391.7	389.4
27.5°	374.1	374.8	377.1	380.2	380.2	380.2	380.2	382.5	382.5	381.0
30°	362.6	364.1	366.4	369.5	370.2	370.2	371.0	372.5	374.1	371.8
32.5°	351.1	352.7	355.7	359.5	360.3	361.1	361.8	364.9	366.4	364.1
35°	339.6	341.2	345.8	350.4	351.1	351.9	353.4	356.5	358.0	355.7
37.5°	328.2	330.5	336.6	340.4	341.9	342.7	345.0	347.3	350.4	347.3
40°	317.5	319.8	326.6	331.2	332.0	333.5	335.8	338.9	341.2	338.9
42.5°	306.0	309.0	315.9	321.3	322.8	324.3	326.6	329.7	332.8	331.2
45°	294.5	298.3	306.0	311.3	312.9	315.2	318.2	321.3	324.3	322.1
47.5°	283.0	287.6	296.0	301.4	302.9	306.0	309.0	312.1	315.2	313.6
50°	271.6	276.2	285.3	291.5	293.8	296.8	299.1	302.9	306.0	304.5
52.5°	260.9	265.4	275.4	281.5	283.8	286.9	289.9	293.8	296.8	295.3
55°	248.6	254.0	264.7	270.8	273.1	276.9	280.7	283.8	287.6	286.1
57.5°	237.9	244.0	254.7	261.6	263.9	267.7	271.6	275.4	279.2	276.9
60°	227.2	233.3	244.8	251.7	254.0	258.6	262.4	265.4	270.0	268.5
62.5°	216.5	223.4	234.1	241.7	244.8	248.6	252.4	256.3	260.1	259.3
65°	205.0	212.7	224.1	231.8	234.8	239.4	243.3	247.1	250.9	250.1
67.5°	195.8	203.5	215.0	222.6	225.7	230.3	234.8	238.7	242.5	241.7
70°	185.1	193.5	205.0	212.7	215.7	220.3	224.9	228.7	232.6	232.6
72.5°	175.9	184.4	195.8	203.5	207.3	211.9	216.5	220.3	224.1	223.4
75°	166.8	175.2	186.7	194.3	198.1	203.5	208.1	211.9	215.7	215.0
77.5°	156.8	166.0	177.5	185.1	188.9	194.3	198.9	202.7	206.5	205.8
80°	147.6	157.6	169.1	176.7	180.5	185.1	190.5	194.3	198.1	197.4
82.5°	139.2	149.2	161.4	169.1	172.9	177.5	182.8	186.7	189.7	189.7
85°	131.6	140.8	152.2	160.6	164.5	169.1	174.4	178.2	182.1	181.3
87.5°	123.9	133.1	143.8	152.2	156.1	160.6	166.8	170.6	173.6	173.6
90°	117.0	126.2	136.9	144.6	148.4	153.0	158.3	162.9	166.0	166.0
92.5°	110.9	119.3	130.0	136.9	140.8	145.3	151.5	154.5	157.6	157.6
95°	104.8	113.2	123.2	130.0	133.9	138.5	143.8	147.6	149.9	150.7
97.5°	98.7	107.1	117.0	123.2	127.0	131.6	136.9	140.0	142.3	143.1
100°	93.3	101.7	110.9	117.0	120.9	125.5	130.0	133.1	135.4	136.2
102.5°	88.7	96.4	105.6	111.7	114.7	118.6	123.9	127.0	129.3	129.3
105°	84.1	91.8	100.2	106.3	109.4	113.2	117.8	120.9	123.2	123.2
107.5°	79.6	87.2	94.9	101.0	104.0	107.1	111.7	114.7	117.0	117.0
110°	75.7	82.6	90.3	95.6	98.7	101.7	106.3	109.4	110.9	111.7



TEST NUMBER: P893127

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-MID-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	72.7	78.8	85.7	91.0	94.1	97.2	101.0	104.0	105.6	106.3
115°	69.6	75.0	81.9	86.4	89.5	92.6	96.4	98.7	100.2	101.0
117.5°	66.6	71.9	78.0	82.6	84.9	88.0	91.8	94.1	95.6	96.4
120°	64.3	68.8	75.0	78.8	81.1	84.1	87.2	89.5	91.0	91.0
122.5°	61.2	66.6	71.1	75.0	77.3	79.6	83.4	84.9	86.4	86.4
125°	59.7	63.5	68.8	71.9	74.2	76.5	79.6	81.1	82.6	82.6
127.5°	57.4	61.2	65.8	68.8	70.4	72.7	75.7	77.3	78.0	78.8
130°	55.8	59.7	63.5	66.6	68.1	69.6	72.7	73.4	75.0	75.0
132.5°	54.3	57.4	61.2	63.5	65.0	66.6	68.8	70.4	71.1	71.9
135°	52.8	55.8	58.9	61.2	62.7	64.3	66.6	67.3	68.1	68.8
137.5°	51.3	54.3	56.6	58.9	59.7	61.2	63.5	64.3	65.0	65.0
140°	49.7	52.8	55.1	56.6	58.1	58.9	61.2	62.0	62.0	62.7
142.5°	49.0	51.3	52.8	54.3	55.8	56.6	58.1	58.9	59.7	59.7
145°	47.4	49.7	51.3	52.8	53.5	54.3	55.8	56.6	57.4	57.4
147.5°	46.7	48.2	49.7	51.3	52.0	52.8	54.3	54.3	55.1	55.1
150°	45.1	47.4	48.2	49.7	50.5	50.5	52.0	52.8	52.8	52.8
152.5°	44.4	45.9	46.7	47.4	48.2	49.0	49.7	50.5	50.5	50.5
155°	43.6	45.1	45.9	46.7	46.7	47.4	48.2	48.2	48.2	49.0
157.5°	42.8	43.6	44.4	45.1	45.1	45.9	46.7	46.7	46.7	46.7
160°	41.3	42.1	42.8	43.6	44.4	44.4	45.1	45.1	45.1	45.1
162.5°	39.0	40.5	41.3	42.1	42.8	42.8	43.6	43.6	43.6	43.6
165°	37.5	38.2	39.0	40.5	41.3	41.3	42.1	42.1	42.1	42.1
167.5°	36.0	36.0	36.7	37.5	39.0	39.8	40.5	41.3	41.3	41.3
170°	32.9	32.9	33.7	33.7	35.2	36.0	37.5	39.0	39.8	39.8
172.5°	29.1	29.1	29.8	29.1	29.8	29.8	30.6	32.1	33.7	34.4
175°	25.2	25.2	23.7	22.9	22.9	22.2	22.2	21.4	19.9	21.4
177.5°	22.2	21.4	19.9	18.4	18.4	17.6	17.6	16.1	14.5	14.5
180°	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2



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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	13.25	14.56	13.90	15.23	16.00	16.64	17.95	17.28	18.61	19.38
	3H	14.57	15.77	15.23	16.45	17.25	19.45	20.65	20.11	21.32	22.13
	4H	14.97	16.11	15.65	16.80	17.61	20.87	22.01	21.54	22.70	23.51
	6H	15.18	16.24	15.87	16.94	17.77	22.36	23.42	23.04	24.11	24.95
	8H	15.21	16.23	15.91	16.95	17.78	23.11	24.13	23.81	24.85	25.68
	12H	15.22	16.19	15.92	16.91	17.77	23.90	24.88	24.61	25.59	26.45
4H	2H	14.38	15.51	15.05	16.20	17.02	16.97	18.11	17.65	18.80	19.61
	3H	15.98	16.96	16.67	17.68	18.52	20.03	21.00	20.72	21.73	22.56
	4H	16.54	17.44	17.25	18.17	19.03	21.62	22.52	22.33	23.25	24.11
	6H	16.89	17.68	17.61	18.43	19.30	23.32	24.12	24.04	24.87	25.74
	8H	16.96	17.71	17.69	18.46	19.34	24.20	24.95	24.93	25.70	26.58
	12H	16.99	17.67	17.73	18.44	19.33	25.13	25.81	25.88	26.59	27.48
8H	4H	17.59	18.34	18.31	19.09	19.97	21.80	22.55	22.53	23.30	24.19
	6H	18.20	18.84	18.95	19.63	20.51	23.69	24.33	24.44	25.11	26.00
	8H	18.40	18.98	19.16	19.76	20.66	24.72	25.29	25.48	26.08	26.98
	12H	18.51	19.03	19.28	19.81	20.77	25.85	26.37	26.62	27.15	28.10
12H	4H	17.92	18.60	18.67	19.37	20.26	21.80	22.48	22.55	23.25	24.14
	6H	18.69	19.27	19.46	20.06	20.96	23.72	24.30	24.49	25.09	25.99
	8H	19.02	19.54	19.80	20.32	21.28	24.81	25.33	25.59	26.11	27.07