

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: P893117

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893117
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-CC93-MID-4000K
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 4000K CCT, MID lu setting
Light Source: -
Ballast/Driver: -

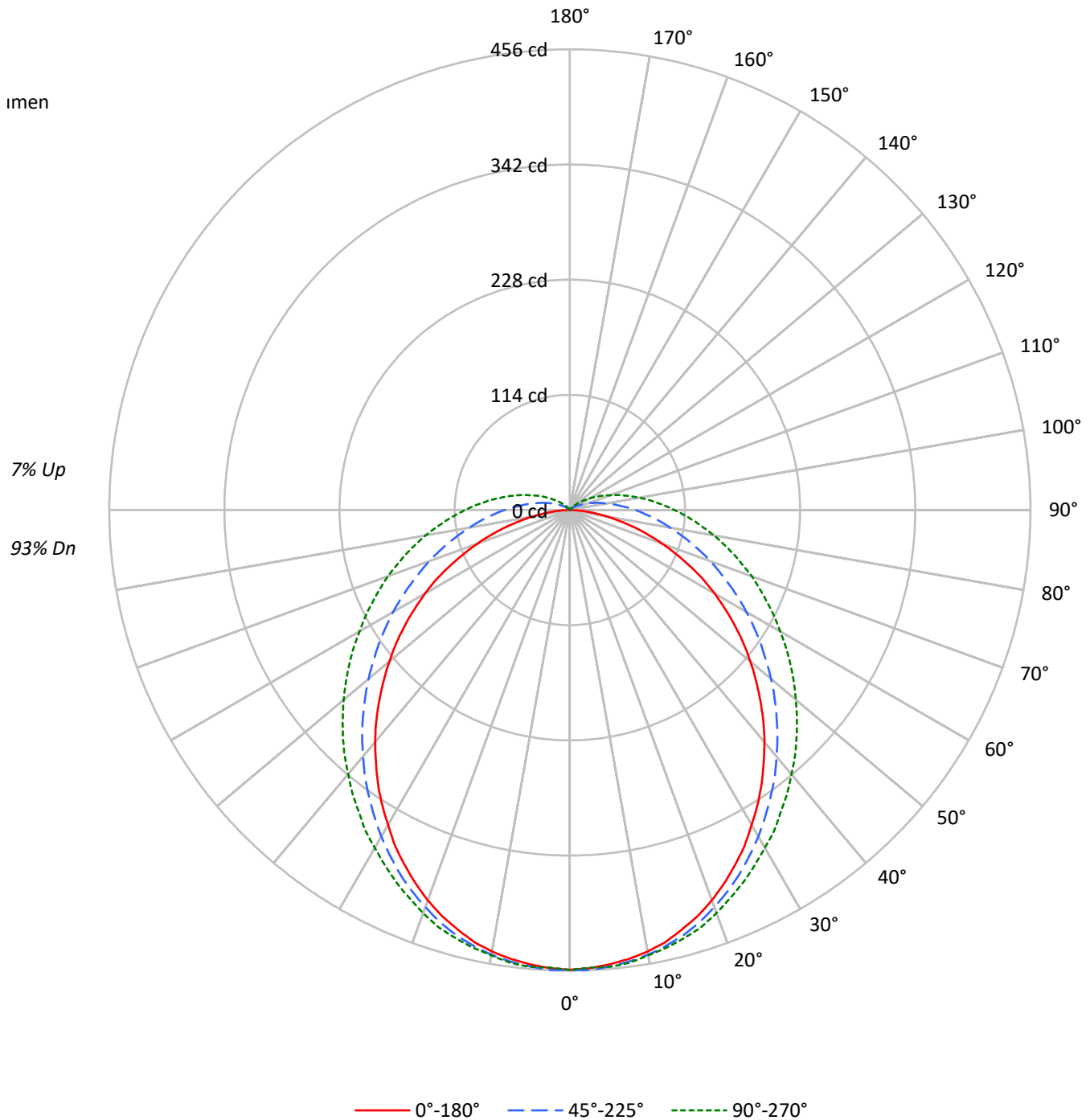
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1481.0 lumens
Efficiency: N/A
Efficacy: 106.5 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): 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

TEST NUMBER: P893117
CATALOG NUMBER: 2MB-SC3-RND-UNV-CC93-MID-4000K

Luminous Intensity Polar Plot





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

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	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	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	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	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	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	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	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	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	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	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	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	22	22	22	21		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6512	6512	6512
5°	6481	6509	6518
10°	6445	6492	6500
15°	6362	6448	6494
20°	6258	6365	6462
25°	6115	6276	6418
30°	5945	6166	6378
35°	5782	6051	6364
40°	5599	5946	6375
45°	5394	5859	6427
50°	5192	5791	6503
55°	4976	5756	6649
60°	4738	5779	6878
65°	4438	5886	7291
70°	4066	6203	8022
75°	3676	6821	9258
80°	3106	8321	11954
85°	2511	13426	20255

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 37125 cd/sqm



TEST NUMBER: P893117

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.0	2.9
10°-20°	122.5	8.3
20°-30°	182.6	12.3
30°-40°	216.7	14.6
40°-50°	223.9	15.1
50°-60°	206.7	14.0
60°-70°	171.6	11.6
70°-80°	127.1	8.6
80°-90°	83.8	5.7
90°-100°	51.0	3.4
100°-110°	28.8	1.9
110°-120°	14.4	1.0
120°-130°	6.0	0.4
130°-140°	1.9	0.1
140°-150°	0.5	0.0
150°-160°	0.2	0.0
160°-170°	0.2	0.0
170°-180°	0.0	0.0
0°-30°	348.1	23.5
0°-40°	564.8	38.1
0°-60°	995.4	67.2
0°-90°	1378.0	93.0
90°-120°	94.1	6.4
90°-150°	102.5	6.9
90°-180°	103.0	7.0
0°-180°	1481.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	455	455	455	455	455	
5°	451	458	453	452	454	43
15°	430	437	435	437	438	121
25°	387	394	398	402	407	178
35°	331	338	346	357	364	207
45°	267	275	290	307	318	206
55°	200	208	231	254	267	178
65°	131	144	174	202	215	130
75°	66	87	123	154	168	70
85°	15	44	82	111	123	17
90°	0	29	65	92	104	1
95°	0	17	49	75	86	0
105°	0	6	28	47	56	0
115°	0	1	13	26	33	0
125°	0	1	5	12	16	0
135°	1	0	1	4	6	0
145°	1	1	1	1	1	0
155°	1	1	1	0	0	0
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2
2.5°	453.9	452.6	453.3	453.3	455.2	460.3	458.4	458.4	458.4	453.3	455.8
5°	451.3	450.1	450.7	451.3	452.6	457.7	455.8	456.4	455.8	450.7	453.3
7.5°	448.1	446.9	446.9	447.5	449.4	454.5	452.6	453.3	452.6	447.5	450.7
10°	443.7	442.4	443.0	443.7	444.9	450.7	448.8	448.8	448.8	444.3	446.9
12.5°	437.9	436.6	437.3	437.9	439.8	444.3	442.4	443.0	443.0	439.2	441.7
15°	429.6	428.3	429.6	430.2	432.2	436.6	435.4	436.0	436.0	432.2	435.4
17.5°	421.3	419.4	420.6	421.3	423.8	427.7	426.4	427.7	427.7	423.8	427.7
20°	411.1	409.1	410.4	411.7	413.6	417.5	416.2	417.5	417.5	414.3	418.1
22.5°	399.6	397.6	398.9	400.2	402.7	405.9	405.3	406.6	406.6	404.0	408.5
25°	387.4	385.5	387.4	388.0	390.6	393.8	393.8	394.4	395.1	393.2	397.6
27.5°	374.6	372.1	374.0	375.3	377.8	381.0	381.0	382.3	382.3	381.7	385.5
30°	359.9	358.0	360.6	361.2	363.8	366.9	367.6	368.9	368.9	368.2	373.3
32.5°	345.9	343.9	345.9	347.1	350.3	352.9	353.5	354.8	355.4	355.4	359.9
35°	331.1	329.2	331.1	332.4	335.6	338.2	338.8	340.1	340.7	342.0	346.5
37.5°	315.2	313.9	315.8	317.1	320.3	322.8	323.5	325.4	326.0	328.0	333.1
40°	299.8	297.9	299.8	301.1	304.9	306.9	308.1	310.1	311.3	313.2	318.4
42.5°	283.8	282.6	283.8	286.4	289.0	291.5	292.8	294.7	296.6	299.8	304.3
45°	266.6	266.6	267.9	270.4	273.0	274.9	276.8	279.4	281.3	284.5	289.6
47.5°	250.0	250.0	251.2	253.2	256.4	258.3	260.2	263.4	265.3	269.1	274.9
50°	233.3	232.7	234.6	237.2	240.4	242.3	244.2	247.4	250.0	254.4	260.2
52.5°	216.7	215.4	217.4	220.6	223.1	225.7	227.6	230.8	234.0	239.7	244.8
55°	199.5	198.8	200.7	203.3	206.5	208.4	211.0	214.8	218.6	224.4	230.8
57.5°	182.2	182.2	184.1	186.7	190.5	192.4	195.0	199.5	203.3	209.7	216.1
60°	165.6	164.9	166.9	170.7	173.9	176.4	179.0	184.1	188.6	195.6	202.0
62.5°	149.0	148.3	150.9	153.4	157.9	160.5	163.0	168.8	173.9	181.6	187.9
65°	131.1	131.7	133.6	136.2	141.3	144.5	147.7	154.1	159.8	166.9	173.9
67.5°	113.8	113.8	116.3	119.5	125.9	129.1	132.3	139.4	145.1	153.4	160.5
70°	97.2	97.8	101.0	104.2	110.6	113.8	117.6	125.3	131.7	140.0	148.3
72.5°	81.2	82.5	85.0	90.1	96.5	99.7	104.2	111.9	118.3	127.2	135.5
75°	66.5	67.1	70.3	76.1	83.1	86.9	90.8	99.1	106.8	115.1	123.4
77.5°	51.1	52.4	56.3	62.6	71.0	74.8	78.6	87.6	95.3	103.6	111.9
80°	37.7	39.0	44.1	50.5	59.5	63.3	67.8	76.7	84.4	92.7	101.0
82.5°	25.6	27.5	32.6	39.6	48.6	53.1	57.5	66.5	74.8	83.1	91.4
85°	15.3	17.3	23.0	30.7	39.6	43.5	47.9	57.5	65.2	73.5	81.8
87.5°	6.4	9.6	15.3	23.0	31.3	35.2	40.3	49.2	56.9	64.6	72.9
90°	0.0	3.8	9.6	16.6	24.9	28.8	32.6	41.6	49.2	56.9	64.6
92.5°	0.0	1.3	5.8	11.5	19.2	22.4	26.2	34.5	41.6	49.2	56.9
95°	0.0	0.6	3.2	8.3	14.1	17.3	21.1	28.8	35.2	42.8	49.2
97.5°	0.0	0.0	1.9	5.8	10.9	13.4	16.6	23.7	30.0	36.4	43.5
100°	0.0	0.0	1.3	3.8	7.7	10.2	12.8	19.2	24.9	31.3	37.1
102.5°	0.0	0.0	0.6	2.6	5.8	7.7	9.6	15.3	20.5	26.2	32.0
105°	0.0	0.0	0.6	1.3	3.8	5.8	7.7	12.1	16.6	21.7	27.5
107.5°	0.0	0.0	0.0	1.3	3.2	4.5	5.8	9.6	13.4	17.9	23.0
110°	0.0	0.0	0.0	0.6	1.9	3.2	4.5	7.7	10.9	14.7	19.2



TEST NUMBER: P893117

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

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.6	1.3	1.9	3.2	5.8	8.3	12.1	15.3
115°	0.0	0.0	0.0	0.0	0.6	1.3	1.9	4.5	6.4	9.6	12.8
117.5°	0.0	0.0	0.0	0.0	0.6	1.3	1.3	3.2	5.1	7.7	10.2
120°	0.0	0.0	0.0	0.0	0.6	0.6	1.3	2.6	3.8	5.8	8.3
122.5°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.3	2.6	4.5	6.4
125°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3	1.9	3.2	5.1
127.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.3	2.6	3.8
130°	0.6	0.0	0.0	0.0	0.6	0.0	0.6	0.6	1.3	1.9	2.6
132.5°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3	1.9
135°	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.6	0.6	0.6	1.3
137.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3
140°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
142.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
145°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
147.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
150°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
152.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
155°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
157.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
160°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
162.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
165°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
167.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
172.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
175°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
177.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2	455.2
2.5°	455.8	450.7	453.9	453.3	452.6	451.3	454.5	452.0	453.3	453.3
5°	453.9	448.8	452.6	452.6	452.0	450.7	453.9	451.3	453.3	453.9
7.5°	450.7	446.9	450.7	450.1	450.1	448.8	452.0	450.1	452.0	452.0
10°	446.9	443.0	446.9	446.2	446.2	444.9	447.5	445.6	447.5	447.5
12.5°	441.7	437.9	442.4	441.7	441.1	440.5	443.0	441.1	443.7	443.7
15°	435.4	432.8	437.3	436.6	436.6	435.4	438.5	436.6	439.2	438.5
17.5°	428.3	425.8	430.2	430.2	429.6	429.6	431.5	429.6	432.8	432.8
20°	418.7	416.2	421.3	421.3	420.6	420.6	422.6	420.6	424.5	424.5
22.5°	408.5	406.6	411.1	411.7	411.1	411.1	413.0	411.7	415.5	415.5
25°	397.6	397.0	401.5	402.1	401.5	402.1	404.0	402.7	406.6	406.6
27.5°	386.1	386.1	390.6	391.2	391.9	391.9	393.8	392.5	397.0	396.4
30°	374.0	374.0	379.1	380.4	380.4	381.0	382.9	381.7	386.1	386.1
32.5°	361.2	361.8	366.9	368.9	368.9	370.1	371.4	370.8	375.3	376.5
35°	348.4	349.0	354.8	356.7	357.4	358.0	359.9	359.9	363.8	364.4
37.5°	333.7	336.3	341.4	343.9	344.6	345.9	347.8	347.8	352.2	353.5
40°	319.6	322.8	328.6	331.1	331.8	333.1	335.6	335.6	340.1	341.4
42.5°	306.2	310.1	315.2	319.0	319.6	321.6	322.8	324.1	328.6	329.9
45°	291.5	296.0	301.7	305.6	306.9	308.8	310.1	312.0	315.8	317.7
47.5°	277.4	281.9	288.3	292.8	293.4	296.0	297.3	299.2	303.0	304.9
50°	262.7	268.5	274.9	280.0	280.6	282.6	284.5	286.4	290.2	292.2
52.5°	248.7	254.4	260.8	265.9	267.2	269.1	271.1	273.0	277.4	279.4
55°	234.6	240.4	246.8	252.5	253.8	255.7	257.6	260.2	264.7	266.6
57.5°	220.6	226.9	233.3	239.1	240.4	242.9	244.8	247.4	251.2	253.8
60°	207.1	213.5	220.6	226.3	226.9	230.8	232.1	234.6	238.5	240.4
62.5°	193.1	201.4	207.1	213.5	214.8	217.4	219.3	221.8	225.7	228.2
65°	179.6	187.9	193.7	200.1	202.0	204.6	206.5	209.0	212.9	215.4
67.5°	166.9	175.2	181.6	187.9	189.9	191.8	194.3	196.9	200.1	203.3
70°	154.7	163.7	169.4	175.8	177.7	180.3	182.8	184.8	188.6	191.8
72.5°	142.6	151.5	157.3	164.3	165.6	168.1	170.7	173.2	176.4	179.0
75°	130.4	139.4	145.8	152.1	154.1	156.6	159.2	161.7	164.9	167.5
77.5°	118.9	127.9	134.2	141.3	142.6	145.1	148.3	150.9	153.4	156.0
80°	108.0	117.0	123.4	129.8	131.7	134.2	136.8	140.0	142.6	145.1
82.5°	98.4	106.8	112.5	119.5	120.8	123.4	125.9	128.5	131.1	133.6
85°	88.9	97.2	102.9	109.3	110.6	113.2	115.7	118.3	121.5	123.4
87.5°	79.9	87.6	94.0	99.7	101.0	103.6	106.1	108.0	110.6	113.2
90°	71.6	79.3	85.0	90.8	92.1	94.6	96.5	99.1	101.6	103.6
92.5°	63.3	71.0	76.1	81.8	83.1	85.7	88.2	90.1	92.7	94.6
95°	56.3	63.3	68.4	74.2	74.8	77.4	79.9	81.8	84.4	85.7
97.5°	49.2	56.3	61.4	66.5	67.1	69.7	72.2	74.2	76.1	78.0
100°	42.8	49.2	54.3	58.8	60.1	62.0	64.6	66.5	68.4	69.7
102.5°	37.1	42.8	47.3	52.4	53.1	55.6	57.5	59.5	61.4	62.6
105°	32.0	37.7	41.6	46.0	46.7	49.2	51.1	53.1	55.0	55.6
107.5°	27.5	32.0	35.8	40.3	41.6	42.8	44.7	46.7	48.6	49.2
110°	23.0	27.5	31.3	34.5	35.8	37.7	39.0	40.9	42.2	42.8



TEST NUMBER: P893117

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	19.2	23.0	26.2	30.0	30.7	32.6	33.9	35.2	37.1	37.7
115°	16.0	19.8	22.4	25.6	26.2	27.5	29.4	30.7	32.0	32.6
117.5°	13.4	16.0	18.5	21.1	22.4	23.7	24.9	26.2	26.8	27.5
120°	10.9	13.4	15.3	17.9	18.5	19.8	21.1	21.7	23.0	23.7
122.5°	8.3	10.9	12.8	14.7	15.3	16.6	17.3	18.5	19.2	19.2
125°	6.4	8.3	10.2	11.5	12.1	13.4	14.1	15.3	16.0	16.0
127.5°	5.1	6.4	7.7	9.6	9.6	10.9	11.5	12.1	12.8	12.8
130°	3.8	5.1	6.4	7.0	7.7	8.3	8.9	9.6	10.2	10.2
132.5°	2.6	3.8	4.5	5.8	5.8	6.4	7.0	7.0	7.7	7.7
135°	1.9	2.6	3.2	3.8	4.5	4.5	5.1	5.8	5.8	5.8
137.5°	1.3	1.9	2.6	3.2	3.2	3.2	3.8	3.8	4.5	4.5
140°	0.6	1.3	1.3	1.9	1.9	2.6	2.6	2.6	3.2	3.2
142.5°	0.6	0.6	1.3	1.3	1.3	1.3	1.9	1.9	1.9	1.9
145°	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.3	1.3
150°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
152.5°	0.6	0.6	0.6	0.0	0.0	0.0	0.6	0.6	0.6	0.6
155°	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
160°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0
162.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0
165°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0
167.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0
170°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0
172.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.6	0.0
175°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
177.5°	0.6	0.6	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P893117
 CATALOG NUMBER: 2MB-SC3-RND-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	16.59	18.12	17.06	18.58	19.06	18.36	19.89	18.83	20.35	20.83
	3H	18.21	19.61	18.70	20.08	20.60	20.94	22.34	21.42	22.81	23.33
	4H	18.80	20.13	19.30	20.61	21.15	22.24	23.57	22.74	24.05	24.59
	6H	19.20	20.43	19.71	20.93	21.48	23.63	24.87	24.15	25.37	25.92
	8H	19.31	20.50	19.84	21.02	21.58	24.37	25.56	24.90	26.08	26.63
	12H	19.39	20.53	19.92	21.04	21.63	25.21	26.35	25.74	26.86	27.45
4H	2H	17.56	18.89	18.07	19.37	19.91	18.90	20.23	19.41	20.71	21.25
	3H	19.50	20.63	20.01	21.15	21.71	21.78	22.92	22.30	23.44	24.00
	4H	20.26	21.30	20.79	21.83	22.43	23.29	24.33	23.83	24.87	25.46
	6H	20.83	21.75	21.38	22.31	22.91	24.92	25.84	25.47	26.40	27.01
	8H	21.01	21.87	21.57	22.43	23.05	25.78	26.65	26.34	27.21	27.83
	12H	21.13	21.91	21.71	22.50	23.13	26.77	27.56	27.36	28.15	28.77
8H	4H	21.16	22.02	21.72	22.58	23.20	23.64	24.51	24.20	25.07	25.69
	6H	22.03	22.76	22.62	23.36	23.99	25.53	26.26	26.12	26.87	27.49
	8H	22.37	23.04	22.98	23.65	24.29	26.60	27.26	27.20	27.87	28.51
	12H	22.64	23.23	23.25	23.84	24.54	27.84	28.44	28.45	29.04	29.74
12H	4H	21.44	22.22	22.02	22.81	23.44	23.68	24.47	24.26	25.06	25.68
	6H	22.48	23.14	23.08	23.76	24.39	25.63	26.30	26.24	26.91	27.55
	8H	22.99	23.59	23.60	24.19	24.89	26.81	27.40	27.42	28.01	28.71