

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: P894319

Luminaire Tested: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894319
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 40 CCT, LOW lumen setting
Light Source: -
Ballast/Driver: -

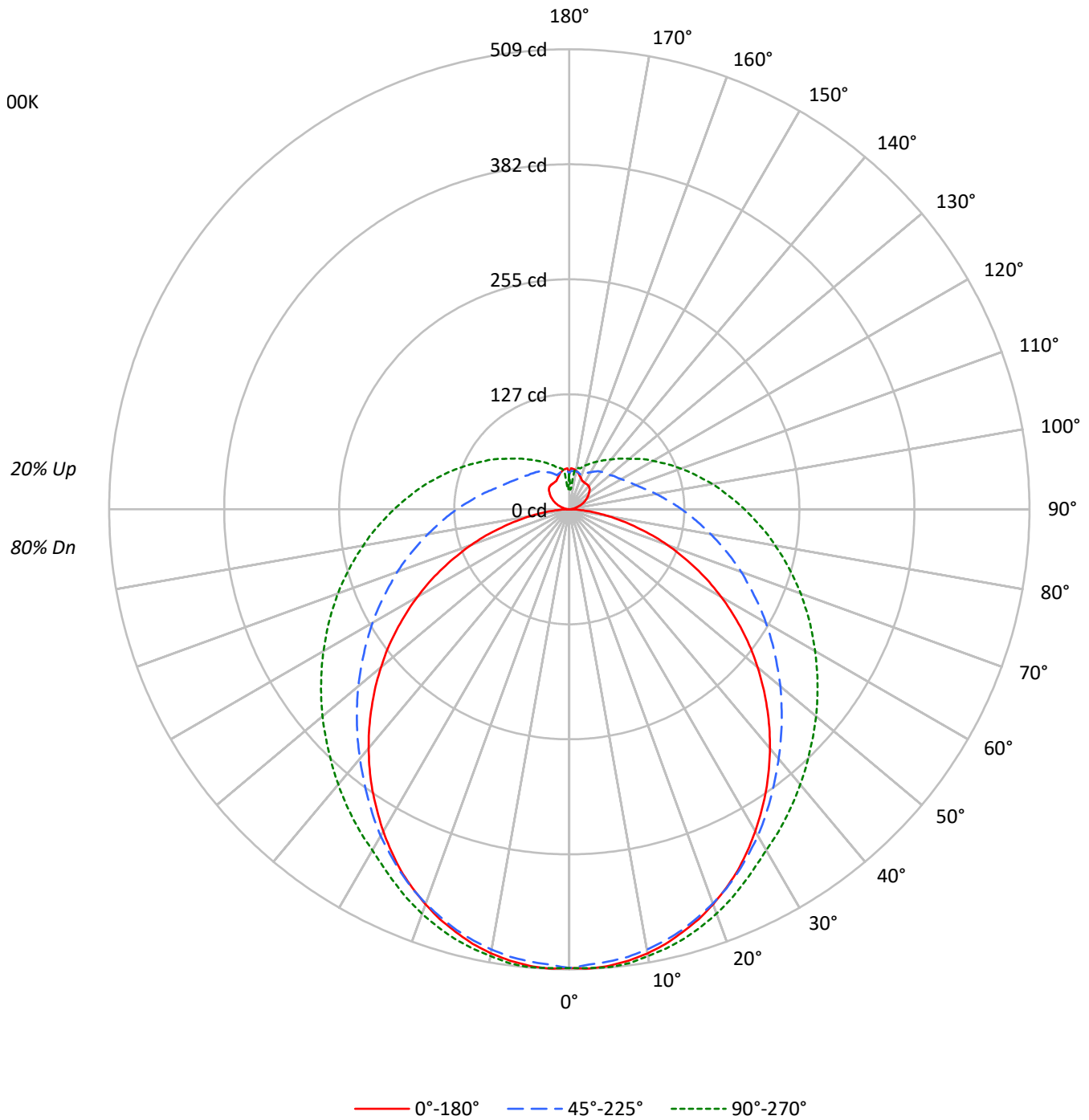
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2135.0 lumens
Efficiency: N/A
Efficacy: 127.8 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 16.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9915
Total Harmonic Distortion (THDi): 6.67573310469889
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P894319
CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P894319

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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	36	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°	3612	3612	3612
5°	3605	3459	3466
10°	3571	3325	3306
15°	3519	3188	3158
20°	3456	3044	3006
25°	3380	2899	2854
30°	3282	2754	2719
35°	3181	2603	2620
40°	3072	2468	2529
45°	2955	2347	2449
50°	2833	2240	2387
55°	2693	2141	2333
60°	2534	2059	2292
65°	2339	1987	2269
70°	2099	1944	2262
75°	1778	1912	2271
80°	1390	1911	2307
85°	889	1960	2383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2955 cd/sqm



TEST NUMBER: P894319

CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	2.2
10°-20°	136.9	6.4
20°-30°	205.6	9.6
30°-40°	247.2	11.6
40°-50°	261.9	12.3
50°-60°	252.3	11.8
60°-70°	223.3	10.5
70°-80°	183.1	8.6
80°-90°	142.1	6.7
90°-100°	110.3	5.2
100°-110°	87.4	4.1
110°-120°	69.6	3.3
120°-130°	55.3	2.6
130°-140°	43.2	2.0
140°-150°	31.8	1.5
150°-160°	21.0	1.0
160°-170°	12.1	0.6
170°-180°	3.9	0.2
0°-30°	390.6	18.3
0°-40°	637.8	29.9
0°-60°	1152.0	54.0
0°-90°	1700.5	79.6
90°-120°	267.3	12.5
90°-150°	397.5	18.6
90°-180°	435.0	20.4
0°-180°	2135.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	508	508	508	508	508	
5°	507	508	502	506	509	48
15°	484	485	482	489	492	137
25°	441	442	442	454	456	203
35°	380	384	389	409	417	237
45°	309	316	332	364	377	239
55°	233	245	277	318	335	209
65°	154	176	226	273	293	153
75°	77	116	180	230	252	83
85°	17	70	140	192	212	20
90°	0	55	124	174	194	1
95°	2	45	110	157	176	3
105°	9	37	86	128	145	9
115°	17	35	72	105	119	17
125°	25	37	63	86	97	22
135°	32	39	56	72	79	24
145°	34	39	51	62	66	21
155°	34	40	44	53	56	16
165°	41	43	42	42	47	11
175°	45	44	42	35	24	4
180°	39	39	39	39	39	



TEST NUMBER: P894319

CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6
2.5°	508.6	508.1	509.0	510.0	512.9	509.0	511.0	505.7	506.2	506.6	504.2
5°	507.1	505.7	507.1	508.1	510.5	507.6	509.5	503.7	504.2	505.2	502.3
7.5°	503.7	502.3	503.3	504.2	506.6	503.7	506.2	500.4	501.3	501.8	499.4
10°	498.9	497.0	497.9	499.4	501.3	498.9	500.8	495.5	496.0	497.0	494.6
12.5°	492.6	490.7	491.7	492.6	495.0	492.6	494.6	489.2	490.2	491.2	488.8
15°	484.4	482.5	483.5	484.4	486.3	484.9	486.8	481.5	482.5	484.4	482.0
17.5°	475.7	472.8	473.8	475.2	477.2	476.2	477.7	473.3	473.8	475.7	473.3
20°	465.1	462.2	463.2	464.6	466.5	466.1	467.0	463.2	464.1	466.5	464.1
22.5°	453.5	450.6	451.6	453.5	455.0	455.0	455.4	452.5	453.5	455.9	454.0
25°	441.0	438.1	439.0	441.0	442.4	442.4	443.4	440.5	441.9	444.3	442.4
27.5°	426.5	425.0	425.0	426.9	427.9	428.9	429.4	426.9	428.9	431.3	429.8
30°	411.5	409.6	410.5	412.9	412.9	414.9	414.9	412.9	415.4	418.3	417.3
32.5°	395.6	394.1	394.6	397.5	397.5	399.9	399.4	398.4	400.9	404.2	403.3
35°	379.6	378.2	378.6	381.5	381.5	384.4	383.5	383.5	385.9	389.8	388.8
37.5°	362.7	361.7	362.2	365.1	365.1	368.0	367.1	367.5	370.4	374.8	374.3
40°	345.3	344.4	345.3	347.7	348.7	351.1	350.2	351.1	355.0	358.8	360.3
42.5°	327.5	327.0	327.9	330.4	331.3	333.7	333.2	334.7	338.6	344.4	346.3
45°	309.1	309.1	310.1	312.5	313.4	316.3	315.9	317.8	322.6	328.9	332.3
47.5°	290.7	291.2	291.7	294.6	294.6	299.4	298.0	300.9	307.2	314.4	318.3
50°	271.9	272.9	273.4	275.8	276.7	281.1	280.1	285.0	291.7	299.4	304.8
52.5°	253.1	254.0	255.0	256.9	257.9	263.2	262.3	268.5	276.7	285.0	290.7
55°	233.3	235.2	235.7	238.1	239.6	244.9	244.9	252.1	260.8	270.0	277.2
57.5°	214.0	215.9	216.4	219.3	221.2	227.5	228.4	236.7	246.3	255.5	264.2
60°	194.2	196.6	197.1	199.9	203.3	210.1	211.5	220.7	231.3	241.0	251.1
62.5°	174.4	176.8	177.7	180.6	185.9	192.7	195.1	205.7	216.9	227.5	238.6
65°	154.5	157.0	158.4	162.3	168.6	175.8	179.2	190.3	202.8	214.0	225.5
67.5°	134.7	137.6	139.6	144.4	152.6	160.3	163.7	176.3	189.3	201.4	213.5
70°	115.4	118.3	120.7	127.0	136.7	144.4	148.8	162.3	175.8	188.8	202.4
72.5°	96.6	99.5	102.9	110.6	121.2	129.9	134.7	148.8	163.7	176.8	190.8
75°	77.3	80.7	84.5	95.1	107.2	115.9	121.2	136.2	151.7	164.7	179.7
77.5°	59.9	63.3	69.1	79.7	93.2	102.9	108.7	124.6	140.5	153.6	169.0
80°	44.0	47.3	55.1	66.6	80.7	89.8	97.1	113.5	129.9	143.4	158.9
82.5°	29.9	33.3	42.5	55.1	70.0	79.2	86.0	103.4	119.8	133.8	149.2
85°	17.4	22.2	31.9	45.4	60.9	70.0	76.8	94.7	110.6	124.6	140.5
87.5°	7.7	13.5	24.1	37.7	53.1	61.8	69.1	85.5	102.4	116.4	132.3
90°	0.5	7.7	18.8	31.9	46.8	55.1	61.8	78.2	94.2	108.7	124.1
92.5°	1.0	5.3	15.5	27.5	41.5	49.7	56.5	72.0	86.9	101.9	116.9
95°	2.4	5.3	13.5	24.6	37.7	45.4	51.7	66.6	80.7	95.1	109.6
97.5°	3.9	5.8	13.0	23.2	34.8	42.0	47.8	61.8	75.8	88.9	103.4
100°	5.3	7.2	13.0	22.2	32.8	39.6	44.9	58.0	71.0	83.1	97.6
102.5°	6.8	8.7	14.0	22.2	31.9	37.7	43.0	55.1	67.1	78.2	91.8
105°	8.7	10.1	15.0	22.2	30.9	36.7	41.1	52.2	63.8	74.4	86.5
107.5°	10.6	11.6	15.9	22.7	30.9	35.7	40.1	50.2	60.9	70.5	82.1
110°	13.0	13.5	17.4	23.7	30.9	35.3	39.1	48.8	58.4	67.6	78.2



TEST NUMBER: P894319

CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	15.0	15.0	18.8	24.6	30.9	35.3	38.6	47.3	56.5	64.7	74.9
115°	17.4	17.4	20.3	25.6	31.4	35.3	38.6	46.8	55.1	62.3	72.0
117.5°	19.3	19.3	22.2	26.6	32.4	35.7	38.6	45.9	53.6	60.4	69.1
120°	21.3	21.3	23.2	27.5	32.8	36.2	38.6	45.4	52.2	58.9	66.6
122.5°	23.2	23.2	24.6	29.0	33.3	36.2	38.6	44.9	51.2	57.0	64.2
125°	25.1	25.1	26.1	29.9	34.3	36.7	39.1	44.9	50.7	55.5	62.8
127.5°	27.0	26.6	28.0	31.4	34.8	37.2	39.6	44.9	49.7	54.6	60.9
130°	28.5	28.0	29.9	32.4	35.7	37.7	39.6	44.4	49.3	53.6	58.9
132.5°	30.4	29.5	31.9	32.8	36.7	38.6	40.1	44.4	48.8	52.6	58.0
135°	31.9	30.9	33.3	34.3	37.2	39.1	40.6	44.4	48.3	52.2	56.5
137.5°	32.8	32.4	34.8	35.7	37.7	39.6	41.1	44.4	47.8	51.2	55.5
140°	33.3	32.8	34.8	36.7	37.7	39.6	40.6	44.0	47.3	50.2	54.1
142.5°	33.8	33.8	35.3	37.2	37.7	39.1	40.6	43.5	46.4	48.8	53.1
145°	33.8	33.8	35.3	37.7	38.2	38.6	39.6	42.5	44.9	47.3	51.2
147.5°	33.8	33.8	35.7	37.7	38.6	39.1	38.6	41.5	44.0	45.9	49.3
150°	33.8	33.8	35.7	37.7	39.1	39.6	39.1	40.6	42.5	44.4	47.3
152.5°	34.3	34.3	35.7	37.7	39.1	39.6	39.6	39.6	41.1	43.0	45.9
155°	34.3	34.8	35.7	38.6	39.6	40.1	40.1	40.1	39.6	41.5	44.0
157.5°	35.7	36.2	36.7	39.1	40.1	40.6	40.6	40.6	40.1	39.6	42.0
160°	37.2	37.7	38.2	40.1	41.1	41.5	41.5	41.5	40.6	40.1	40.1
162.5°	38.6	39.6	39.6	40.6	41.5	42.0	42.0	42.5	41.5	41.1	40.6
165°	40.6	41.1	41.1	41.5	42.5	43.0	42.5	43.0	42.5	42.0	41.5
167.5°	42.0	42.5	42.5	43.0	43.0	43.5	43.5	43.5	43.0	42.5	42.5
170°	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	43.5	42.5	42.5
172.5°	44.4	44.9	44.9	44.4	44.4	44.4	44.4	44.0	43.0	42.5	42.5
175°	44.9	45.4	45.4	44.9	44.4	44.4	44.4	44.0	43.0	42.5	42.5
177.5°	45.4	45.9	45.4	45.4	44.4	44.4	44.4	44.4	43.5	43.0	42.5
180°	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6	507.6
2.5°	507.1	501.3	505.2	505.7	507.6	505.7	507.1	505.7	509.5	508.1
5°	505.2	499.9	503.3	503.7	506.2	503.7	506.2	505.2	510.0	508.6
7.5°	501.8	497.5	500.4	500.8	503.7	501.3	503.7	502.8	508.6	506.6
10°	497.0	493.6	496.5	497.0	499.9	497.5	499.4	498.4	504.7	501.8
12.5°	491.7	488.8	491.2	491.7	495.0	492.6	495.0	494.1	500.4	497.5
15°	483.9	482.5	484.9	485.9	489.2	487.3	489.7	488.8	495.5	491.7
17.5°	476.2	475.2	477.7	478.6	482.5	480.1	482.5	481.5	488.3	484.4
20°	466.5	466.1	468.5	469.9	473.3	470.9	473.8	472.8	480.1	476.2
22.5°	456.4	456.4	458.3	459.8	463.2	461.2	464.1	463.6	470.9	467.0
25°	445.3	445.8	447.7	449.6	453.5	452.1	454.5	454.5	461.2	456.4
27.5°	432.7	435.2	436.6	439.0	442.4	441.0	443.4	443.8	450.6	445.8
30°	419.7	423.1	424.5	427.4	430.3	430.3	432.7	433.7	440.5	435.6
32.5°	406.2	410.0	412.0	415.8	419.7	419.7	423.1	424.5	431.3	426.9
35°	392.7	398.0	400.4	405.2	409.1	409.6	412.9	414.9	421.6	417.3
37.5°	379.6	386.4	388.8	394.6	398.0	398.9	402.8	405.2	411.5	407.6
40°	366.1	374.3	377.2	383.5	386.4	388.3	392.2	395.1	400.9	397.5
42.5°	353.0	362.2	365.1	371.9	375.3	377.2	381.1	384.9	390.7	387.3
45°	340.0	350.2	353.5	360.8	363.7	366.6	370.9	374.3	379.6	376.7
47.5°	327.5	338.1	341.5	349.2	352.6	355.9	359.8	364.6	369.5	366.6
50°	314.4	325.5	329.9	338.1	341.0	344.8	349.7	354.0	358.8	356.4
52.5°	301.9	313.4	317.8	326.5	329.9	333.7	338.6	343.4	347.7	345.8
55°	288.3	300.9	305.7	314.9	318.3	322.1	327.5	332.8	336.6	335.2
57.5°	275.8	288.8	293.6	303.8	306.7	311.5	316.8	322.6	326.0	324.6
60°	263.2	276.3	282.1	292.2	295.6	300.4	305.7	312.0	314.9	313.9
62.5°	250.7	264.2	270.5	281.1	284.0	289.3	295.6	300.9	303.8	303.3
65°	239.1	252.1	259.4	270.0	272.9	278.7	284.5	290.3	293.2	293.2
67.5°	227.0	241.0	248.2	259.4	261.8	268.0	274.3	280.1	282.5	282.5
70°	215.9	229.4	237.6	248.7	251.1	256.9	263.7	270.0	271.9	272.4
72.5°	204.8	218.3	227.0	238.6	241.0	246.8	253.1	259.8	261.3	261.8
75°	194.2	207.7	216.4	228.0	230.4	236.2	242.9	249.2	251.1	251.6
77.5°	183.5	197.1	206.7	217.8	220.2	226.0	232.8	239.1	240.5	241.5
80°	173.9	186.9	196.1	208.2	210.6	216.4	222.6	228.9	229.9	231.3
82.5°	164.2	177.2	186.9	198.5	200.9	206.7	213.0	219.3	220.2	222.2
85°	155.0	168.1	177.7	188.8	191.7	197.1	203.8	209.6	210.6	212.0
87.5°	146.8	158.9	169.0	179.7	182.6	187.9	194.6	200.4	200.9	202.8
90°	138.1	150.2	160.3	171.0	173.9	178.7	185.5	191.3	192.2	193.7
92.5°	130.9	142.0	152.6	162.8	165.2	170.5	176.8	182.6	183.5	185.0
95°	123.2	134.3	144.9	154.5	157.0	162.3	168.1	173.9	174.8	176.3
97.5°	116.4	127.0	137.2	146.8	149.2	154.1	160.3	165.7	166.6	168.6
100°	110.1	120.3	130.9	139.6	142.0	146.8	152.6	157.9	158.9	160.8
102.5°	104.3	114.0	124.1	132.3	135.2	139.6	145.4	150.2	151.2	152.6
105°	99.0	108.2	117.8	125.6	128.5	132.8	138.1	143.0	143.9	145.4
107.5°	93.7	102.4	111.6	119.3	121.7	125.6	130.9	135.7	136.7	138.6
110°	88.9	97.6	106.3	113.5	116.4	119.3	124.6	129.0	129.9	131.4



TEST NUMBER: P894319

CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-LOW-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	84.5	92.2	100.9	107.7	110.1	113.5	117.8	122.2	123.2	125.1
115°	80.7	87.9	96.6	102.9	104.8	107.7	112.5	116.4	117.4	118.8
117.5°	77.3	83.6	91.3	97.6	100.0	102.4	106.7	110.1	111.6	112.5
120°	74.4	80.2	86.9	92.7	95.6	97.6	101.4	104.8	106.3	107.2
122.5°	71.5	76.8	83.1	88.4	90.8	92.2	96.6	99.5	100.9	102.4
125°	69.1	73.9	79.7	84.0	86.5	87.9	91.8	94.7	96.1	97.1
127.5°	66.6	71.0	76.8	80.2	82.6	83.6	86.9	89.8	91.3	91.8
130°	64.2	68.6	73.4	76.8	78.7	80.2	83.1	85.0	86.5	86.9
132.5°	62.3	66.2	70.5	73.9	75.8	76.3	79.2	81.1	82.6	83.1
135°	60.9	63.8	68.1	71.0	72.4	73.4	75.8	77.3	78.7	79.2
137.5°	58.9	61.8	65.7	67.6	69.5	70.0	72.4	73.9	75.3	75.8
140°	57.5	59.9	63.3	65.2	67.1	67.1	69.1	70.5	72.0	72.0
142.5°	56.0	58.4	61.3	63.3	64.7	64.7	66.6	67.6	69.1	69.1
145°	54.1	56.5	59.4	60.9	62.3	62.3	63.8	64.7	66.2	66.2
147.5°	52.2	54.6	57.5	58.4	59.9	59.9	61.3	62.3	63.3	63.3
150°	49.7	51.7	55.1	56.5	58.0	58.0	58.9	59.9	60.9	60.9
152.5°	47.8	49.3	52.2	54.1	55.5	55.5	56.5	57.5	58.4	58.4
155°	45.4	46.8	49.3	51.7	53.1	53.6	54.6	55.1	56.0	56.0
157.5°	43.5	44.9	46.8	48.8	50.2	51.2	52.6	53.1	53.6	53.6
160°	41.1	42.0	44.0	45.9	47.3	48.3	50.7	51.2	51.7	51.7
162.5°	40.1	40.1	41.1	42.5	44.0	44.4	46.8	48.8	49.7	49.3
165°	40.6	40.1	40.1	40.6	41.5	42.0	43.5	46.4	47.3	46.8
167.5°	41.5	40.6	40.1	40.1	41.1	41.1	42.5	44.9	47.8	46.8
170°	41.5	40.1	39.1	39.1	39.6	39.6	40.6	42.0	44.9	45.4
172.5°	41.1	40.1	38.6	36.7	37.2	36.7	36.2	37.2	37.7	42.5
175°	41.5	40.1	38.6	36.2	35.3	33.8	31.4	29.5	29.0	23.7
177.5°	41.1	39.6	37.7	35.7	34.8	32.8	29.9	26.6	24.6	21.7
180°	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1



TEST NUMBER: P894319
 CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-LOW-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	11.39	12.70	12.03	13.37	14.14	14.94	16.25	15.58	16.91	17.68
	3H	12.74	13.94	13.40	14.61	15.42	17.85	19.05	18.51	19.73	20.53
	4H	13.14	14.28	13.82	14.97	15.78	19.33	20.47	20.00	21.16	21.97
	6H	13.36	14.42	14.05	15.12	15.95	20.89	21.95	21.57	22.65	23.48
	8H	13.40	14.41	14.09	15.13	15.96	21.70	22.72	22.39	23.43	24.27
	12H	13.40	14.37	14.10	15.09	15.95	22.58	23.55	23.28	24.26	25.13
4H	2H	12.53	13.67	13.21	14.36	15.17	15.26	16.40	15.93	17.08	17.90
	3H	14.18	15.15	14.86	15.88	16.71	18.41	19.38	19.09	20.11	20.94
	4H	14.75	15.65	15.45	16.37	17.23	20.06	20.96	20.76	21.68	22.54
	6H	15.09	15.88	15.81	16.63	17.50	21.83	22.62	22.55	23.37	24.24
	8H	15.16	15.91	15.89	16.66	17.54	22.76	23.51	23.49	24.26	25.14
	12H	15.19	15.87	15.93	16.64	17.53	23.78	24.47	24.53	25.24	26.13
8H	4H	15.83	16.58	16.56	17.33	18.21	20.23	20.98	20.96	21.73	22.61
	6H	16.44	17.08	17.20	17.87	18.75	22.18	22.82	22.94	23.61	24.49
	8H	16.64	17.22	17.40	18.00	18.90	23.27	23.84	24.03	24.63	25.53
	12H	16.75	17.27	17.52	18.05	19.00	24.48	25.00	25.25	25.78	26.74
12H	4H	16.19	16.87	16.93	17.64	18.53	20.23	20.91	20.97	21.68	22.57
	6H	16.96	17.54	17.73	18.33	19.23	22.21	22.79	22.98	23.58	24.48
	8H	17.29	17.81	18.06	18.59	19.54	23.36	23.88	24.13	24.66	25.61