

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: P894302

Luminaire Tested: 4MB-SC3-RND-UNV-CC83-LOW-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894302
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-SC3-RND-UNV-CC83-LOW-5000K
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 5000K CCT, LOW I setting
Light Source: -
Ballast/Driver: -

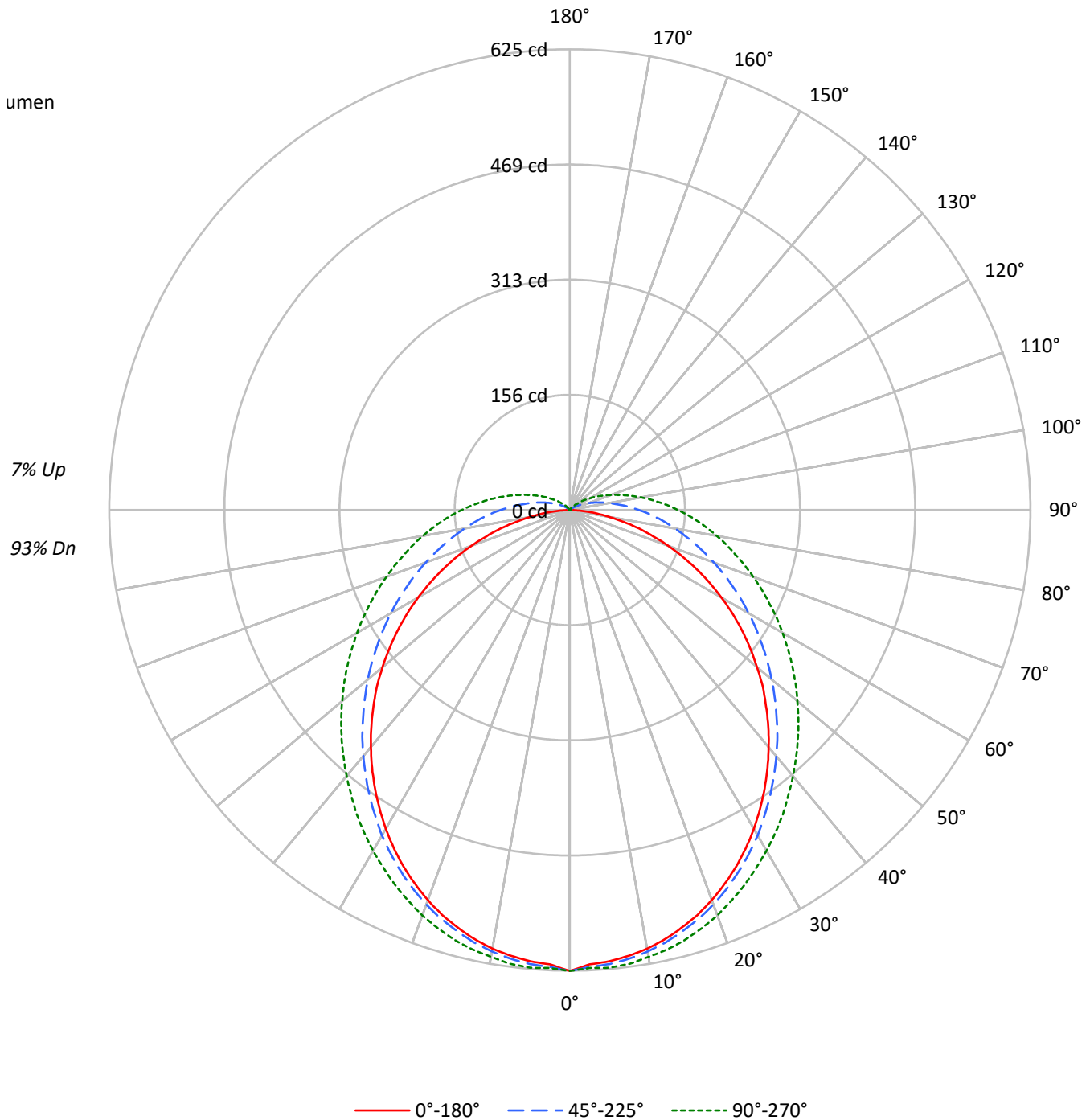
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2070.0 lumens
Efficiency: N/A
Efficacy: 124.0 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.27 / 1.35
Luminous Opening: Rectangular (W 0.38' x L: 3.98' x H: 0')
CIE Type: 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

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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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	76	76	76	76	74
2	95	86	78	72	92	83	77	71	79	73	68	74	70	65	70	66	63	63	63	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	55	62	57	53	53	53	53	50
4	79	66	57	50	76	64	56	49	61	54	48	58	51	46	55	49	45	45	45	45	43
5	72	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	39	39	39	37
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	34	34	34	32
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	30	30	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	33	28	37	32	27	27	27	27	25
9	54	40	32	26	52	39	31	26	38	31	25	36	30	25	35	29	24	24	24	24	23
10	50	37	29	24	49	36	29	24	35	28	23	33	27	23	32	26	22	22	22	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	4449	4449	4449
5°	4389	4417	4452
10°	4366	4394	4447
15°	4321	4357	4448
20°	4264	4312	4431
25°	4191	4252	4406
30°	4104	4188	4386
35°	4003	4114	4378
40°	3899	4049	4376
45°	3790	3993	4406
50°	3672	3959	4463
55°	3538	3951	4570
60°	3384	3990	4741
65°	3195	4094	5025
70°	2962	4325	5507
75°	2678	4816	6389
80°	2266	5933	8301
85°	1837	9666	14221

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 26180 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	2.9
10°-20°	168.5	8.1
20°-30°	252.3	12.2
30°-40°	300.8	14.5
40°-50°	312.0	15.1
50°-60°	289.4	14.0
60°-70°	241.5	11.7
70°-80°	180.0	8.7
80°-90°	119.9	5.8
90°-100°	73.0	3.5
100°-110°	40.7	2.0
110°-120°	20.4	1.0
120°-130°	8.5	0.4
130°-140°	2.7	0.1
140°-150°	0.7	0.0
150°-160°	0.3	0.0
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	479.9	23.2
0°-40°	780.7	37.7
0°-60°	1382.1	66.8
0°-90°	1923.5	92.9
90°-120°	134.1	6.5
90°-150°	145.9	7.1
90°-180°	147.0	7.1
0°-180°	2070.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	625	625	625	625	625	
5°	614	629	618	622	623	58
15°	587	602	592	602	604	165
25°	534	548	542	557	561	246
35°	461	473	474	497	504	288
45°	377	386	397	428	438	291
55°	285	295	318	356	368	255
65°	190	205	243	284	298	188
75°	97	124	175	218	232	103
85°	22	62	118	159	174	25
90°	1	41	94	133	147	2
95°	0	25	72	109	121	0
105°	0	8	40	67	77	0
115°	0	2	19	38	45	0
125°	0	0	7	18	22	0
135°	0	0	2	6	8	0
145°	0	0	0	2	2	0
155°	1	1	0	0	0	0
165°	1	1	0	0	0	0
175°	1	1	1	0	0	0
180°	1	1	1	1	1	



TEST NUMBER: P894302
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3
2.5°	617.0	618.0	626.8	626.3	624.8	630.7	632.1	627.2	619.4	627.2	620.4
5°	614.5	615.5	624.3	623.8	622.4	628.7	629.2	624.8	617.0	624.8	618.4
7.5°	610.1	611.1	619.9	619.4	618.4	624.8	624.3	620.9	612.6	620.9	614.0
10°	604.3	604.7	614.0	613.1	612.6	618.9	617.5	614.5	606.2	614.5	608.2
12.5°	596.4	596.9	606.2	605.2	605.2	611.1	609.1	606.7	598.4	606.2	600.8
15°	586.6	587.1	595.9	595.4	595.4	601.8	598.9	596.9	589.1	597.4	591.5
17.5°	575.9	575.4	584.7	583.7	584.7	590.6	586.6	585.7	578.3	586.2	581.3
20°	563.2	563.2	571.5	571.0	572.5	577.8	572.9	573.4	566.1	574.4	569.5
22.5°	549.0	548.5	556.8	556.8	558.3	563.6	558.3	559.7	552.4	560.2	556.3
25°	533.8	532.8	541.1	541.1	543.6	548.0	542.1	544.1	537.2	545.1	541.6
27.5°	517.2	515.7	524.0	524.5	526.5	530.9	524.5	527.4	521.1	528.4	526.0
30°	499.5	498.1	506.4	506.9	509.3	512.8	506.4	510.3	504.4	511.8	509.8
32.5°	480.5	479.5	487.3	488.3	490.7	493.2	487.3	491.2	486.3	493.7	491.7
35°	460.9	459.9	467.3	468.7	471.2	473.1	466.8	472.1	467.7	474.6	473.6
37.5°	440.8	439.4	447.2	448.2	451.1	452.1	446.2	452.6	448.7	455.5	455.0
40°	419.8	418.3	426.2	427.1	430.1	430.1	425.2	432.0	429.1	435.5	435.9
42.5°	398.8	397.3	404.1	406.1	408.5	408.5	403.7	411.0	409.0	415.4	416.9
45°	376.7	375.3	381.6	383.6	386.5	386.5	381.6	390.0	388.5	394.8	396.8
47.5°	355.2	353.3	359.1	361.1	364.0	363.5	359.6	367.9	367.4	373.8	377.2
50°	331.7	330.3	336.1	338.1	341.5	340.5	337.6	346.4	346.4	352.8	357.7
52.5°	308.7	307.3	313.1	315.1	318.0	318.0	315.1	324.4	325.9	332.2	338.1
55°	285.2	283.3	289.2	291.1	294.5	295.0	292.6	301.9	304.8	312.2	318.5
57.5°	261.8	260.8	265.7	267.6	272.0	272.0	270.6	280.4	284.3	292.1	299.4
60°	237.8	236.8	241.2	243.7	248.6	249.5	248.6	258.8	264.2	272.0	280.4
62.5°	213.8	212.8	217.2	220.7	226.0	227.0	227.5	238.3	244.1	252.5	261.8
65°	189.8	188.9	193.3	197.2	203.5	205.0	206.5	217.7	224.6	233.4	243.2
67.5°	165.9	165.4	169.8	174.7	181.5	183.5	185.9	197.7	205.5	214.8	225.6
70°	142.4	141.9	146.3	152.2	160.5	162.9	165.9	177.6	187.4	197.2	207.9
72.5°	118.9	119.4	124.3	131.1	140.4	142.9	146.8	159.0	169.8	180.1	191.3
75°	97.4	97.4	102.7	110.6	120.9	124.3	128.7	141.4	152.7	163.4	175.2
77.5°	75.3	75.3	81.7	91.5	102.7	106.2	111.6	124.8	137.0	147.8	159.5
80°	55.3	56.3	63.6	73.4	85.1	89.5	95.9	109.1	122.3	133.1	144.8
82.5°	37.7	39.1	47.0	58.2	70.0	74.4	80.7	94.9	108.1	119.4	131.6
85°	22.5	25.0	33.3	44.5	56.8	61.6	68.5	81.7	94.9	106.2	118.4
87.5°	10.3	13.7	22.5	33.8	45.5	50.9	56.8	69.5	82.7	93.9	106.7
90°	1.0	5.9	14.7	24.5	35.7	40.6	46.5	58.7	71.4	81.7	93.9
92.5°	0.0	2.4	8.8	17.6	27.4	32.3	37.7	49.4	60.7	70.9	82.7
95°	0.0	1.0	4.9	12.2	20.5	25.0	29.8	40.6	51.9	61.6	72.4
97.5°	0.0	0.5	2.9	8.3	15.2	19.1	23.5	33.3	43.5	52.8	62.6
100°	0.0	0.5	1.5	5.4	11.3	14.2	18.6	26.9	36.2	44.5	54.3
102.5°	0.0	0.0	1.0	3.4	8.3	10.8	14.2	21.5	29.8	37.7	46.5
105°	0.0	0.0	0.5	2.4	5.9	7.8	10.8	17.1	24.5	31.3	39.6
107.5°	0.0	0.0	0.5	1.5	3.9	5.9	8.3	13.2	19.6	25.9	33.3
110°	0.5	0.5	0.5	1.0	2.9	4.4	5.9	10.3	16.1	21.5	27.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.5	0.5	0.5	0.5	2.0	2.9	4.4	7.8	12.7	17.1	23.0
115°	0.5	0.5	0.5	0.5	1.5	2.0	2.9	5.9	9.8	13.7	18.6
117.5°	0.5	0.5	0.5	0.5	1.0	1.5	2.0	4.4	7.3	10.8	15.2
120°	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.9	5.9	8.3	12.2
122.5°	0.5	0.5	0.5	0.5	0.5	1.0	1.0	2.4	4.4	6.4	9.3
125°	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.9	4.9	7.3
127.5°	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.0	3.4	5.4
130°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.4	3.9
132.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.0	2.9
135°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.0
137.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.5
140°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0
142.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0
145°	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
147.5°	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
150°	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
152.5°	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5	0.5
155°	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5	0.5
157.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
160°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
162.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0.5
165°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5
175°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
177.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3	625.3
2.5°	622.4	623.8	625.3	621.4	623.8	628.2	629.7	623.8	625.8	621.9
5°	620.4	621.4	623.3	618.4	621.9	625.8	628.2	623.3	626.3	623.3
7.5°	616.5	617.5	619.9	615.0	619.4	622.8	625.8	620.9	623.8	620.9
10°	610.6	612.1	615.5	609.6	615.0	618.0	620.9	615.5	618.4	615.5
12.5°	603.3	605.7	608.7	603.3	608.7	611.1	615.0	609.6	613.1	610.6
15°	594.5	596.9	600.8	595.4	602.3	604.3	608.2	602.8	606.2	603.8
17.5°	584.2	587.1	592.0	585.7	593.5	595.0	598.9	594.0	597.4	595.0
20°	572.5	575.4	580.3	574.4	582.2	583.2	587.6	583.2	586.6	585.2
22.5°	558.8	562.2	567.1	561.7	570.0	570.0	575.4	571.0	574.9	573.4
25°	544.6	548.5	553.9	548.0	556.8	556.8	562.7	558.3	562.2	561.2
27.5°	529.4	533.8	540.2	534.3	543.1	542.6	548.5	544.6	549.0	547.5
30°	513.2	518.1	524.5	519.6	528.9	527.9	533.8	530.4	534.3	533.8
32.5°	495.6	501.0	508.8	503.5	512.8	511.8	519.1	515.2	520.1	519.1
35°	478.0	483.9	491.7	486.8	497.1	495.6	503.0	499.5	504.4	504.0
37.5°	459.9	466.3	474.1	470.2	480.0	478.5	486.3	483.4	488.8	487.3
40°	441.3	447.7	456.0	452.6	462.9	460.9	469.2	466.8	472.1	471.2
42.5°	422.7	429.6	437.9	435.9	445.7	443.8	452.1	450.1	455.5	454.5
45°	403.7	411.0	419.8	417.8	428.1	426.2	434.5	433.0	438.4	437.9
47.5°	384.6	392.4	401.2	400.2	410.0	408.1	416.9	415.4	420.8	420.8
50°	365.0	373.8	382.6	382.1	391.9	390.0	397.8	397.8	403.7	403.2
52.5°	345.4	354.7	364.0	364.0	373.8	371.8	380.7	380.2	386.0	386.0
55°	326.8	335.2	344.4	346.4	355.7	352.8	362.1	363.0	367.9	368.4
57.5°	308.2	317.0	326.3	328.8	337.6	335.6	344.4	345.4	350.3	350.8
60°	289.7	298.0	307.3	310.7	319.5	317.5	326.3	327.3	332.7	333.2
62.5°	271.1	279.4	289.7	293.1	301.4	299.9	309.2	310.2	315.1	316.1
65°	253.0	261.8	271.5	276.4	284.3	282.3	291.6	292.6	298.0	298.5
67.5°	235.3	244.1	253.9	259.3	266.7	265.7	274.5	276.4	280.8	281.8
70°	218.2	227.0	237.3	242.7	250.0	249.5	257.8	259.3	264.2	264.7
72.5°	201.6	210.4	220.7	227.0	233.4	232.9	241.2	243.2	248.1	248.6
75°	185.4	194.7	204.5	211.4	217.7	217.2	225.6	227.5	231.9	232.4
77.5°	170.3	179.6	189.8	196.7	202.1	202.6	209.9	211.9	216.3	217.7
80°	156.1	164.9	174.7	182.0	186.9	187.9	194.7	197.2	200.6	202.6
82.5°	142.4	151.2	161.0	167.8	172.7	173.7	180.1	183.0	186.4	187.9
85°	129.2	138.0	147.3	154.6	159.0	159.5	165.9	168.8	171.7	174.2
87.5°	116.4	125.3	134.1	141.9	145.8	146.8	152.7	155.6	158.0	160.5
90°	103.7	112.5	121.3	128.7	132.6	133.1	139.4	142.4	144.8	146.8
92.5°	92.0	100.8	109.6	116.9	120.4	121.3	126.7	130.1	132.1	134.1
95°	80.7	89.5	97.4	105.2	108.6	110.1	115.0	117.9	120.4	121.3
97.5°	70.9	78.8	86.1	93.9	96.9	98.3	103.2	106.7	108.6	109.6
100°	61.6	69.0	75.8	83.2	86.1	87.6	92.0	94.9	96.9	98.3
102.5°	53.3	60.2	66.5	73.4	76.3	77.3	81.2	84.2	86.1	87.6
105°	46.0	52.4	58.2	64.6	67.0	68.5	71.9	74.4	76.3	77.3
107.5°	39.1	45.5	50.4	56.3	58.7	59.7	63.1	66.1	67.5	68.0
110°	33.3	38.7	43.5	48.4	51.4	52.4	55.3	57.7	59.2	59.7



TEST NUMBER: P894302
 CATALOG NUMBER: 4MB-SC3-RND-UNV-CC83-LOW-5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	27.9	32.8	37.2	41.6	44.0	45.0	47.9	50.4	51.4	51.9
115°	23.0	27.9	31.3	35.7	37.7	38.7	41.1	43.5	44.0	45.0
117.5°	18.6	23.0	26.4	29.8	31.8	32.8	34.7	36.7	37.7	38.2
120°	15.2	18.6	21.5	25.0	26.4	27.4	29.4	31.3	31.8	32.3
122.5°	12.2	15.2	17.6	20.5	22.0	23.0	24.5	25.9	26.4	26.9
125°	9.3	12.2	14.2	16.6	18.1	18.6	20.1	21.5	22.0	22.5
127.5°	7.3	9.3	11.3	13.2	14.2	14.7	16.1	17.1	17.6	18.1
130°	5.4	6.8	8.3	10.3	11.3	11.7	12.7	13.7	14.2	14.2
132.5°	3.9	5.4	6.4	7.8	8.3	8.8	9.8	10.8	10.8	11.3
135°	2.4	3.4	4.4	5.4	6.4	6.4	7.3	7.8	8.3	8.3
137.5°	2.0	2.4	2.9	3.9	4.4	4.9	4.9	5.9	5.9	5.9
140°	1.5	2.0	2.0	2.4	2.9	3.4	3.4	3.9	3.9	3.9
142.5°	1.0	1.5	1.5	2.0	2.0	2.4	2.4	2.4	2.9	2.9
145°	1.0	1.0	1.0	1.5	1.5	1.5	1.5	2.0	2.0	2.0
147.5°	0.5	0.5	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5
150°	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	1.0
152.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
155°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
157.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
160°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
162.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
165°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
167.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
170°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
172.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
175°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
177.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P894302
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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	15.47	17.01	15.94	17.47	17.95	17.04	18.58	17.51	19.04	19.52
	3H	17.15	18.55	17.63	19.02	19.55	19.67	21.07	20.15	21.54	22.07
	4H	17.75	19.08	18.25	19.56	20.10	20.98	22.31	21.48	22.80	23.34
	6H	18.15	19.39	18.66	19.88	20.44	22.39	23.63	22.90	24.12	24.68
	8H	18.26	19.45	18.79	19.97	20.54	23.14	24.32	23.66	24.85	25.41
	12H	18.34	19.48	18.87	19.99	20.59	23.99	25.13	24.52	25.64	26.23
4H	2H	16.40	17.73	16.91	18.22	18.76	17.60	18.93	18.10	19.41	19.95
	3H	18.38	19.52	18.90	20.04	20.61	20.51	21.65	21.03	22.18	22.74
	4H	19.16	20.20	19.69	20.74	21.33	22.04	23.08	22.57	23.62	24.21
	6H	19.74	20.66	20.29	21.22	21.83	23.68	24.60	24.24	25.16	25.77
	8H	19.92	20.79	20.48	21.35	21.97	24.56	25.43	25.12	25.99	26.61
	12H	20.04	20.83	20.63	21.42	22.05	25.56	26.35	26.15	26.94	27.57
8H	4H	20.04	20.90	20.60	21.47	22.09	22.40	23.26	22.96	23.83	24.45
	6H	20.92	21.65	21.51	22.26	22.89	24.30	25.04	24.89	25.64	26.27
	8H	21.26	21.93	21.87	22.55	23.19	25.38	26.05	25.99	26.66	27.30
	12H	21.54	22.13	22.14	22.74	23.44	26.65	27.24	27.25	27.85	28.55
12H	4H	20.31	21.10	20.90	21.69	22.32	22.44	23.23	23.02	23.82	24.45
	6H	21.37	22.03	21.97	22.65	23.29	24.41	25.08	25.01	25.69	26.33
	8H	21.88	22.48	22.49	23.08	23.79	25.61	26.20	26.21	26.81	27.51