

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: P893121

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

Issue Date: 11/11/2024

**Test Information**

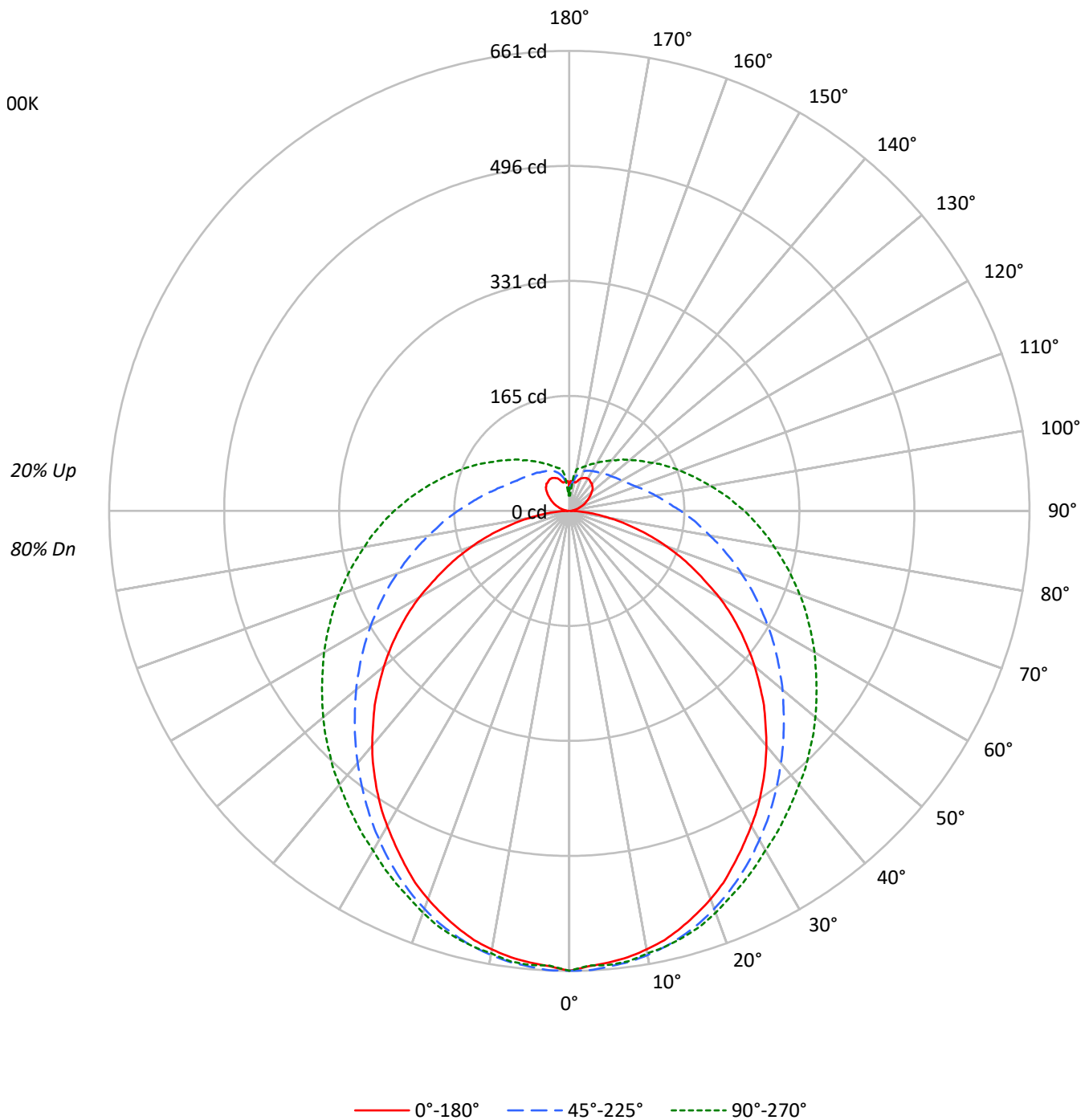
Test Method: LM-79-2019  
Report Number: P893121  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-SC3-RNDU-UNV-CC83-HI-5000K  
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 50  
CCT, HI lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2776.0 lumens  
Efficiency: N/A  
Efficacy: 132.2 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): 21  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.996  
Total Harmonic Distortion (THDi): 5.39961257980444  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P893121  
CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-HI-5000K

### 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°	9452	9452	9452
5°	9269	9071	8974
10°	9126	8704	8552
15°	8932	8325	8189
20°	8702	7932	7798
25°	8424	7527	7418
30°	8141	7120	7069
35°	7862	6730	6803
40°	7558	6364	6569
45°	7236	6031	6378
50°	6876	5740	6211
55°	6485	5470	6065
60°	6030	5233	5973
65°	5443	5027	5898
70°	4815	4850	5883
75°	4000	4728	5912
80°	2992	4670	5999
85°	1810	4757	6208

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7236 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.5	2.2
10°-20°	178.3	6.4
20°-30°	267.4	9.6
30°-40°	321.3	11.6
40°-50°	340.6	12.3
50°-60°	327.9	11.8
60°-70°	289.6	10.4
70°-80°	237.0	8.5
80°-90°	184.0	6.6
90°-100°	142.5	5.1
100°-110°	113.1	4.1
110°-120°	90.4	3.3
120°-130°	72.3	2.6
130°-140°	57.0	2.1
140°-150°	43.0	1.6
150°-160°	29.4	1.1
160°-170°	15.7	0.6
170°-180°	4.0	0.1
0°-30°	508.1	18.3
0°-40°	829.5	29.9
0°-60°	1497.9	54.0
0°-90°	2208.5	79.6
90°-120°	346.0	12.5
90°-150°	518.4	18.7
90°-180°	568.0	20.5
0°-180°	2776.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	661	661	661	661	661	
5°	651	658	657	660	655	62
15°	620	631	632	638	634	175
25°	560	574	580	590	590	258
35°	483	497	510	532	539	302
45°	395	410	436	474	488	304
55°	299	316	364	414	434	267
65°	197	226	296	356	379	195
75°	101	148	233	300	326	107
85°	24	90	182	249	275	27
90°	1	72	160	225	252	2
95°	4	59	141	203	228	3
105°	13	48	112	166	187	13
115°	24	45	94	136	153	24
125°	36	48	82	112	125	32
135°	48	51	74	95	104	36
145°	52	53	68	81	87	33
155°	52	57	64	71	74	24
165°	44	50	56	63	64	13
175°	43	41	38	35	32	4
180°	34	34	34	34	34	



TEST NUMBER: P893121  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7
2.5°	654.9	658.4	659.6	658.4	658.4	660.7	660.7	665.4	666.5	659.6	660.7
5°	651.4	654.9	657.2	656.1	656.1	658.4	657.2	661.9	663.0	657.2	657.2
7.5°	646.8	650.3	652.6	651.4	651.4	653.8	652.6	657.2	658.4	653.8	653.8
10°	639.9	644.5	646.8	644.5	645.6	648.0	646.8	651.4	652.6	648.0	648.0
12.5°	631.7	636.4	638.7	637.5	638.7	639.9	638.7	644.5	645.6	641.0	641.0
15°	620.1	625.9	627.1	625.9	627.1	630.6	628.3	632.9	636.4	631.7	631.7
17.5°	607.4	613.2	615.5	614.4	616.7	619.0	616.7	622.5	624.8	620.1	621.3
20°	593.5	599.3	601.6	600.4	602.8	605.1	602.8	608.6	610.9	607.4	608.6
22.5°	578.4	584.2	586.5	585.4	587.7	590.0	587.7	593.5	597.0	593.5	594.6
25°	559.9	566.8	569.1	568.0	570.3	573.8	570.3	577.3	580.7	578.4	579.6
27.5°	541.3	547.1	551.8	549.4	552.9	556.4	554.1	558.7	563.3	562.2	563.3
30°	522.8	528.6	533.2	530.9	534.4	537.8	534.4	540.2	544.8	544.8	546.0
32.5°	504.2	508.9	512.3	511.2	513.5	518.1	515.8	521.6	526.3	526.3	528.6
35°	483.4	488.0	491.5	490.3	493.8	497.3	495.0	500.8	506.6	507.7	510.0
37.5°	462.5	467.1	470.6	469.5	471.8	476.4	474.1	481.0	485.7	488.0	491.5
40°	440.5	445.1	448.6	447.4	450.9	454.4	453.2	459.0	464.8	468.3	472.9
42.5°	417.3	421.9	425.4	425.4	428.9	433.5	431.2	438.2	444.0	448.6	454.4
45°	395.3	398.7	402.2	402.2	406.9	410.3	409.2	416.1	423.1	428.9	435.8
47.5°	370.9	375.6	377.9	379.0	383.7	387.2	387.2	394.1	402.2	410.3	417.3
50°	347.7	351.2	354.7	354.7	360.5	364.0	364.0	372.1	382.5	391.8	399.9
52.5°	323.4	326.9	330.4	331.5	336.2	340.8	340.8	350.1	361.7	372.1	381.4
55°	299.1	302.5	304.9	307.2	313.0	316.4	318.8	329.2	342.0	352.4	364.0
57.5°	274.7	277.0	280.5	282.8	289.8	294.4	297.9	309.5	322.2	335.0	346.6
60°	249.2	252.7	255.0	258.5	265.4	272.4	275.9	288.6	302.5	316.4	329.2
62.5°	221.4	224.9	228.4	233.0	243.4	249.2	255.0	268.9	282.8	297.9	311.8
65°	197.1	199.4	202.9	207.5	219.1	226.0	233.0	248.1	264.3	280.5	295.6
67.5°	172.7	175.0	179.7	185.5	198.2	205.2	212.1	228.4	246.9	264.3	279.4
70°	148.4	149.5	155.3	163.4	177.4	184.3	192.4	208.6	227.2	246.9	263.1
72.5°	124.0	126.3	132.1	141.4	157.6	165.8	173.9	192.4	211.0	229.5	248.1
75°	100.8	102.0	110.1	121.7	139.1	148.4	157.6	176.2	195.9	215.6	233.0
77.5°	78.8	80.0	90.4	103.2	121.7	132.1	141.4	160.0	180.8	200.5	219.1
80°	58.0	60.3	70.7	86.9	105.5	115.9	127.5	147.2	166.9	187.8	205.2
82.5°	39.4	42.9	54.5	71.9	91.6	103.2	113.6	133.3	154.2	175.0	192.4
85°	24.3	27.8	41.7	59.1	80.0	90.4	100.8	121.7	142.6	162.3	182.0
87.5°	10.4	17.4	31.3	48.7	69.5	80.0	91.6	111.3	131.0	151.8	170.4
90°	1.2	10.4	24.3	41.7	61.4	71.9	82.3	102.0	121.7	141.4	160.0
92.5°	1.2	7.0	19.7	35.9	54.5	64.9	74.2	93.9	112.4	132.1	149.5
95°	3.5	7.0	17.4	32.5	49.8	59.1	68.4	86.9	105.5	124.0	141.4
97.5°	4.6	8.1	17.4	30.1	45.2	54.5	63.8	81.1	98.5	115.9	133.3
100°	7.0	9.3	17.4	29.0	42.9	51.0	59.1	75.3	92.7	110.1	126.3
102.5°	9.3	11.6	18.5	29.0	41.7	48.7	56.8	71.9	86.9	103.2	119.4
105°	12.8	13.9	19.7	29.0	40.6	47.5	54.5	68.4	82.3	98.5	112.4
107.5°	15.1	16.2	20.9	30.1	40.6	46.4	53.3	64.9	78.8	92.7	107.8
110°	17.4	17.4	23.2	31.3	40.6	45.2	52.2	63.8	76.5	89.3	102.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	20.9	20.9	24.3	32.5	40.6	45.2	51.0	61.4	73.0	85.8	97.4
115°	24.3	23.2	26.7	33.6	41.7	45.2	51.0	60.3	70.7	82.3	93.9
117.5°	26.7	25.5	29.0	34.8	41.7	46.4	51.0	60.3	69.5	80.0	90.4
120°	30.1	27.8	30.1	35.9	42.9	46.4	51.0	59.1	68.4	77.7	86.9
122.5°	32.5	31.3	32.5	38.3	44.0	46.4	51.0	58.0	67.2	75.3	84.6
125°	35.9	33.6	34.8	39.4	45.2	47.5	52.2	58.0	66.1	74.2	82.3
127.5°	39.4	35.9	35.9	40.6	45.2	48.7	52.2	58.0	64.9	71.9	80.0
130°	41.7	39.4	38.3	42.9	46.4	48.7	52.2	58.0	63.8	70.7	77.7
132.5°	45.2	41.7	40.6	44.0	47.5	49.8	53.3	58.0	63.8	69.5	76.5
135°	47.5	44.0	42.9	45.2	48.7	51.0	53.3	58.0	63.8	68.4	74.2
137.5°	48.7	46.4	45.2	46.4	49.8	52.2	54.5	58.0	62.6	67.2	73.0
140°	51.0	48.7	47.5	48.7	51.0	52.2	54.5	58.0	62.6	66.1	71.9
142.5°	51.0	51.0	48.7	49.8	51.0	53.3	55.6	58.0	61.4	66.1	69.5
145°	52.2	52.2	51.0	52.2	52.2	53.3	55.6	58.0	61.4	64.9	68.4
147.5°	53.3	53.3	53.3	53.3	53.3	54.5	55.6	58.0	61.4	63.8	67.2
150°	53.3	53.3	54.5	54.5	55.6	55.6	56.8	58.0	61.4	63.8	66.1
152.5°	53.3	52.2	54.5	55.6	56.8	56.8	56.8	58.0	60.3	62.6	64.9
155°	52.2	51.0	53.3	54.5	55.6	56.8	58.0	58.0	60.3	61.4	63.8
157.5°	51.0	49.8	52.2	53.3	54.5	55.6	56.8	56.8	58.0	60.3	62.6
160°	49.8	48.7	49.8	52.2	53.3	54.5	55.6	55.6	56.8	58.0	60.3
162.5°	47.5	46.4	47.5	49.8	51.0	52.2	53.3	54.5	55.6	56.8	58.0
165°	44.0	44.0	44.0	46.4	48.7	49.8	51.0	52.2	53.3	54.5	55.6
167.5°	41.7	40.6	41.7	42.9	45.2	46.4	47.5	48.7	49.8	51.0	52.2
170°	41.7	40.6	40.6	41.7	42.9	42.9	44.0	45.2	46.4	47.5	48.7
172.5°	42.9	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.9	42.9
175°	42.9	42.9	41.7	41.7	40.6	40.6	40.6	40.6	39.4	38.3	38.3
177.5°	42.9	42.9	42.9	41.7	41.7	40.6	40.6	40.6	39.4	38.3	35.9
180°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7
2.5°	659.6	659.6	654.9	659.6	660.7	658.4	657.2	659.6	656.1	653.8
5°	657.2	657.2	653.8	658.4	659.6	657.2	657.2	659.6	656.1	654.9
7.5°	652.6	653.8	651.4	656.1	657.2	654.9	654.9	657.2	654.9	652.6
10°	648.0	648.0	646.8	650.3	650.3	649.1	648.0	650.3	649.1	645.6
12.5°	641.0	642.2	639.9	644.5	645.6	643.3	643.3	645.6	643.3	641.0
15°	632.9	632.9	632.9	636.4	637.5	636.4	636.4	638.7	636.4	634.1
17.5°	622.5	623.6	623.6	628.3	629.4	627.1	627.1	630.6	629.4	625.9
20°	609.7	610.9	612.0	615.5	616.7	615.5	615.5	617.8	617.8	614.4
22.5°	597.0	597.0	599.3	602.8	603.9	602.8	602.8	606.2	606.2	601.6
25°	581.9	581.9	585.4	590.0	590.0	588.9	590.0	592.3	593.5	590.0
27.5°	566.8	568.0	571.5	576.1	576.1	576.1	576.1	579.6	579.6	577.3
30°	549.4	551.8	555.2	559.9	561.0	561.0	562.2	564.5	566.8	563.3
32.5°	532.1	534.4	539.0	544.8	546.0	547.1	548.3	552.9	555.2	551.8
35°	514.7	517.0	523.9	530.9	532.1	533.2	535.5	540.2	542.5	539.0
37.5°	497.3	500.8	510.0	515.8	518.1	519.3	522.8	526.3	530.9	526.3
40°	481.0	484.5	495.0	501.9	503.1	505.4	508.9	513.5	517.0	513.5
42.5°	463.7	468.3	478.7	486.8	489.2	491.5	495.0	499.6	504.2	501.9
45°	446.3	452.1	463.7	471.8	474.1	477.6	482.2	486.8	491.5	488.0
47.5°	428.9	435.8	448.6	456.7	459.0	463.7	468.3	472.9	477.6	475.3
50°	411.5	418.5	432.4	441.6	445.1	449.8	453.2	459.0	463.7	461.3
52.5°	395.3	402.2	417.3	426.6	430.0	434.7	439.3	445.1	449.8	447.4
55°	376.7	384.8	401.1	410.3	413.8	419.6	425.4	430.0	435.8	433.5
57.5°	360.5	369.8	386.0	396.4	399.9	405.7	411.5	417.3	423.1	419.6
60°	344.3	353.5	370.9	381.4	384.8	391.8	397.6	402.2	409.2	406.9
62.5°	328.0	338.5	354.7	366.3	370.9	376.7	382.5	388.3	394.1	393.0
65°	310.7	322.2	339.6	351.2	355.9	362.8	368.6	374.4	380.2	379.0
67.5°	296.7	308.3	325.7	337.3	342.0	348.9	355.9	361.7	367.5	366.3
70°	280.5	293.3	310.7	322.2	326.9	333.8	340.8	346.6	352.4	352.4
72.5°	266.6	279.4	296.7	308.3	314.1	321.1	328.0	333.8	339.6	338.5
75°	252.7	265.4	282.8	294.4	300.2	308.3	315.3	321.1	326.9	325.7
77.5°	237.6	251.5	268.9	280.5	286.3	294.4	301.4	307.2	313.0	311.8
80°	223.7	238.8	256.2	267.8	273.6	280.5	288.6	294.4	300.2	299.1
82.5°	211.0	226.0	244.6	256.2	262.0	268.9	277.0	282.8	287.5	287.5
85°	199.4	213.3	230.7	243.4	249.2	256.2	264.3	270.1	275.9	274.7
87.5°	187.8	201.7	217.9	230.7	236.5	243.4	252.7	258.5	263.1	263.1
90°	177.4	191.3	207.5	219.1	224.9	231.8	239.9	246.9	251.5	251.5
92.5°	168.1	180.8	197.1	207.5	213.3	220.2	229.5	234.1	238.8	238.8
95°	158.8	171.6	186.6	197.1	202.9	209.8	217.9	223.7	227.2	228.4
97.5°	149.5	162.3	177.4	186.6	192.4	199.4	207.5	212.1	215.6	216.8
100°	141.4	154.2	168.1	177.4	183.1	190.1	197.1	201.7	205.2	206.3
102.5°	134.5	146.1	160.0	169.2	173.9	179.7	187.8	192.4	195.9	195.9
105°	127.5	139.1	151.8	161.1	165.8	171.6	178.5	183.1	186.6	186.6
107.5°	120.6	132.1	143.7	153.0	157.6	162.3	169.2	173.9	177.4	177.4
110°	114.8	125.2	136.8	144.9	149.5	154.2	161.1	165.8	168.1	169.2





TEST NUMBER: P893121

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

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	110.1	119.4	129.8	137.9	142.6	147.2	153.0	157.6	160.0	161.1
115°	105.5	113.6	124.0	131.0	135.6	140.3	146.1	149.5	151.8	153.0
117.5°	100.8	109.0	118.2	125.2	128.7	133.3	139.1	142.6	144.9	146.1
120°	97.4	104.3	113.6	119.4	122.9	127.5	132.1	135.6	137.9	137.9
122.5°	92.7	100.8	107.8	113.6	117.1	120.6	126.3	128.7	131.0	131.0
125°	90.4	96.2	104.3	109.0	112.4	115.9	120.6	122.9	125.2	125.2
127.5°	86.9	92.7	99.7	104.3	106.6	110.1	114.8	117.1	118.2	119.4
130°	84.6	90.4	96.2	100.8	103.2	105.5	110.1	111.3	113.6	113.6
132.5°	82.3	86.9	92.7	96.2	98.5	100.8	104.3	106.6	107.8	109.0
135°	80.0	84.6	89.3	92.7	95.1	97.4	100.8	102.0	103.2	104.3
137.5°	77.7	82.3	85.8	89.3	90.4	92.7	96.2	97.4	98.5	98.5
140°	75.3	80.0	83.5	85.8	88.1	89.3	92.7	93.9	93.9	95.1
142.5°	74.2	77.7	80.0	82.3	84.6	85.8	88.1	89.3	90.4	90.4
145°	71.9	75.3	77.7	80.0	81.1	82.3	84.6	85.8	86.9	86.9
147.5°	70.7	73.0	75.3	77.7	78.8	80.0	82.3	82.3	83.5	83.5
150°	68.4	71.9	73.0	75.3	76.5	76.5	78.8	80.0	80.0	80.0
152.5°	67.2	69.5	70.7	71.9	73.0	74.2	75.3	76.5	76.5	76.5
155°	66.1	68.4	69.5	70.7	70.7	71.9	73.0	73.0	73.0	74.2
157.5°	64.9	66.1	67.2	68.4	68.4	69.5	70.7	70.7	70.7	70.7
160°	62.6	63.8	64.9	66.1	67.2	67.2	68.4	68.4	68.4	68.4
162.5°	59.1	61.4	62.6	63.8	64.9	64.9	66.1	66.1	66.1	66.1
165°	56.8	58.0	59.1	61.4	62.6	62.6	63.8	63.8	63.8	63.8
167.5°	54.5	54.5	55.6	56.8	59.1	60.3	61.4	62.6	62.6	62.6
170°	49.8	49.8	51.0	51.0	53.3	54.5	56.8	59.1	60.3	60.3
172.5°	44.0	44.0	45.2	44.0	45.2	45.2	46.4	48.7	51.0	52.2
175°	38.3	38.3	35.9	34.8	34.8	33.6	33.6	32.5	30.1	32.5
177.5°	33.6	32.5	30.1	27.8	27.8	26.7	26.7	24.3	22.0	22.0
180°	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6



TEST NUMBER: P893121  
 CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC83-HI-5000K

**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	14.70	16.01	15.34	16.67	17.44	18.08	19.39	18.73	20.06	20.83
	3H	16.02	17.21	16.67	17.89	18.69	20.90	22.09	21.55	22.77	23.57
	4H	16.42	17.55	17.09	18.24	19.06	22.32	23.45	22.99	24.14	24.96
	6H	16.62	17.68	17.31	18.38	19.21	23.80	24.86	24.49	25.56	26.39
	8H	16.66	17.67	17.36	18.39	19.23	24.55	25.57	25.25	26.29	27.12
	12H	16.66	17.64	17.37	18.35	19.21	25.35	26.32	26.05	27.03	27.90
4H	2H	15.82	16.96	16.50	17.65	18.46	18.42	19.56	19.09	20.24	21.06
	3H	17.43	18.40	18.12	19.13	19.96	21.47	22.45	22.16	23.17	24.01
	4H	17.99	18.89	18.69	19.61	20.48	23.07	23.97	23.77	24.69	25.56
	6H	18.33	19.12	19.05	19.87	20.74	24.77	25.56	25.49	26.31	27.18
	8H	18.40	19.15	19.13	19.90	20.78	25.64	26.39	26.37	27.14	28.03
	12H	18.43	19.11	19.18	19.88	20.77	26.58	27.26	27.32	28.03	28.92
8H	4H	19.03	19.78	19.76	20.53	21.41	23.25	24.00	23.97	24.75	25.63
	6H	19.64	20.28	20.40	21.07	21.96	25.13	25.77	25.89	26.56	27.44
	8H	19.84	20.42	20.61	21.21	22.11	26.16	26.74	26.93	27.53	28.43
	12H	19.96	20.47	20.73	21.25	22.21	27.29	27.81	28.06	28.59	29.55
12H	4H	19.36	20.05	20.11	20.82	21.71	23.24	23.93	23.99	24.70	25.59
	6H	20.14	20.72	20.90	21.50	22.40	25.16	25.74	25.93	26.53	27.43
	8H	20.47	20.98	21.24	21.77	22.72	26.26	26.78	27.03	27.56	28.51