

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: P892678

Luminaire Tested: 2MB-3SL-RND-UNV-L835

Issue Date: 11/11/2024

**Test Information**

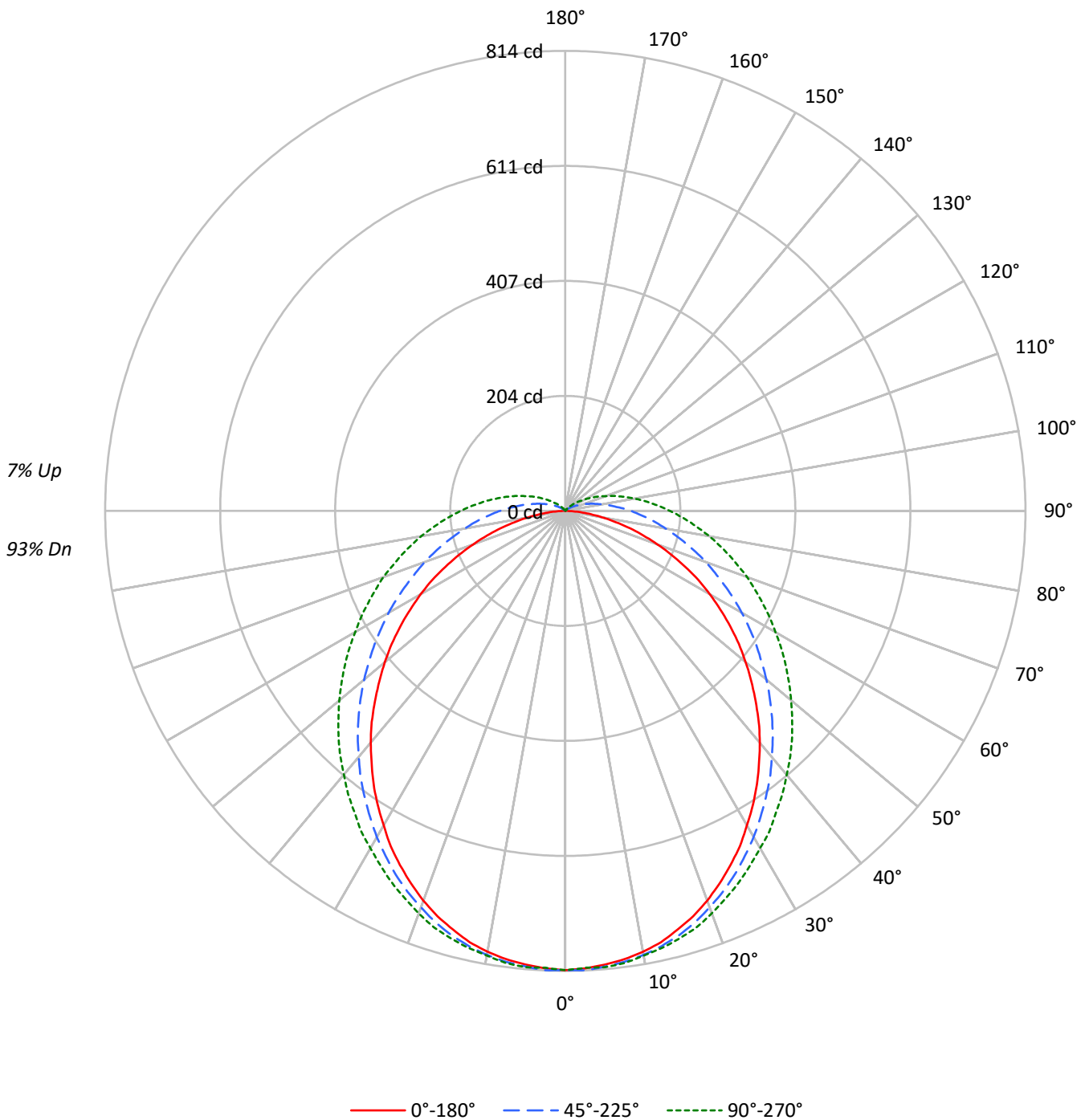
Test Method: LM-79-2019  
Report Number: P892678  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-3SL-RND-UNV-L835  
Description: 3000 Lumen 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 80CRI, 3500K CCT  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2643.9 lumens  
Efficiency: N/A  
Efficacy: 125.9 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): 21  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.998  
Total Harmonic Distortion (THDi): 8  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P892678  
CATALOG NUMBER: 2MB-3SL-RND-UNV-L835

### 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	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	61
3	87	75	67	60	83	73	65	59	69	62	57	65	60	55	62	57	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	43
5	73	59	50	43	70	58	49	43	55	47	41	52	46	40	50	44	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	32
7	62	48	39	33	60	47	39	33	45	37	32	43	36	31	41	35	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	25
9	54	40	32	26	52	40	32	26	38	31	26	36	30	25	35	29	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	21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	11625	11625	11625
5°	11571	11620	11636
10°	11506	11589	11605
15°	11359	11510	11595
20°	11173	11363	11536
25°	10916	11205	11458
30°	10615	11010	11386
35°	10325	10803	11360
40°	9996	10615	11382
45°	9628	10459	11475
50°	9272	10338	11608
55°	8881	10276	11869
60°	8457	10320	12277
65°	7921	10507	13019
70°	7257	11076	14321
75°	6561	12176	16526
80°	5544	14853	21345
85°	4497	23980	36159

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 87.5°  
 Luminance: 66248 cd/sqm



TEST NUMBER: P892678  
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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.8	2.9
10°-20°	218.7	8.3
20°-30°	326.0	12.3
30°-40°	386.9	14.6
40°-50°	399.8	15.1
50°-60°	369.0	14.0
60°-70°	306.3	11.6
70°-80°	227.0	8.6
80°-90°	149.7	5.7
90°-100°	91.0	3.4
100°-110°	51.4	1.9
110°-120°	25.6	1.0
120°-130°	10.6	0.4
130°-140°	3.4	0.1
140°-150°	1.0	0.0
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	621.5	23.5
0°-40°	1008.3	38.1
0°-60°	1777.2	67.2
0°-90°	2460.1	93.0
90°-120°	168.0	6.4
90°-150°	183.0	6.9
90°-180°	184.0	7.0
0°-180°	2643.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	813	813	813	813	813	
5°	806	817	809	807	810	77
15°	767	780	777	780	783	216
25°	692	703	710	717	726	318
35°	591	604	619	638	650	369
45°	476	491	517	548	567	368
55°	356	372	412	453	476	318
65°	234	258	310	361	385	232
75°	119	155	220	275	299	125
85°	27	78	146	197	220	31
90°	0	51	115	164	185	2
95°	0	31	88	134	153	0
105°	0	10	49	83	99	0
115°	0	2	23	47	58	0
125°	0	1	9	22	28	0
135°	1	0	2	8	10	1
145°	1	1	1	2	2	1
155°	1	1	1	0	0	1
165°	1	1	1	1	0	0
175°	1	1	1	1	0	0
180°	1	1	1	1	1	



TEST NUMBER: P892678

CATALOG NUMBER: 2MB-3SL-RND-UNV-L835

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6
2.5°	810.3	808.0	809.2	809.2	812.6	821.7	818.3	818.3	818.3	809.2	813.7
5°	805.8	803.5	804.6	805.8	808.0	817.2	813.7	814.9	813.7	804.6	809.2
7.5°	800.1	797.8	797.8	798.9	802.3	811.5	808.0	809.2	808.0	798.9	804.6
10°	792.1	789.8	790.9	792.1	794.3	804.6	801.2	801.2	801.2	793.2	797.8
12.5°	781.8	779.5	780.6	781.8	785.2	793.2	789.8	790.9	790.9	784.1	788.6
15°	767.0	764.7	767.0	768.1	771.5	779.5	777.2	778.4	778.4	771.5	777.2
17.5°	752.1	748.7	751.0	752.1	756.7	763.5	761.2	763.5	763.5	756.7	763.5
20°	733.9	730.4	732.7	735.0	738.4	745.3	743.0	745.3	745.3	739.6	746.4
22.5°	713.3	709.9	712.2	714.5	719.0	724.7	723.6	725.9	725.9	721.3	729.3
25°	691.6	688.2	691.6	692.8	697.3	703.0	703.0	704.2	705.3	701.9	709.9
27.5°	668.8	664.2	667.7	669.9	674.5	680.2	680.2	682.5	682.5	681.4	688.2
30°	642.6	639.1	643.7	644.8	649.4	655.1	656.2	658.5	658.5	657.4	666.5
32.5°	617.4	614.0	617.4	619.7	625.4	630.0	631.1	633.4	634.6	634.6	642.6
35°	591.2	587.8	591.2	593.5	599.2	603.7	604.9	607.2	608.3	610.6	618.6
37.5°	562.7	560.4	563.8	566.1	571.8	576.4	577.5	580.9	582.1	585.5	594.6
40°	535.3	531.8	535.3	537.6	544.4	547.8	550.1	553.5	555.8	559.2	568.4
42.5°	506.7	504.5	506.7	511.3	515.9	520.4	522.7	526.1	529.6	535.3	543.3
45°	475.9	475.9	478.2	482.8	487.3	490.8	494.2	498.7	502.2	507.9	517.0
47.5°	446.2	446.2	448.5	452.0	457.7	461.1	464.5	470.2	473.6	480.5	490.8
50°	416.6	415.4	418.9	423.4	429.1	432.6	436.0	441.7	446.2	454.2	464.5
52.5°	386.9	384.6	388.0	393.7	398.3	402.9	406.3	412.0	417.7	428.0	437.1
55°	356.1	354.9	358.4	362.9	368.6	372.1	376.6	383.5	390.3	400.6	412.0
57.5°	325.3	325.3	328.7	333.3	340.1	343.5	348.1	356.1	362.9	374.3	385.8
60°	295.6	294.5	297.9	304.7	310.4	315.0	319.6	328.7	336.7	349.2	360.7
62.5°	265.9	264.8	269.3	273.9	281.9	286.5	291.0	301.3	310.4	324.1	335.5
65°	234.0	235.1	238.5	243.1	252.2	257.9	263.6	275.1	285.3	297.9	310.4
67.5°	203.2	203.2	207.7	213.4	224.8	230.5	236.2	248.8	259.1	273.9	286.5
70°	173.5	174.6	180.3	186.0	197.4	203.2	210.0	223.7	235.1	249.9	264.8
72.5°	144.9	147.2	151.8	160.9	172.3	178.0	186.0	199.7	211.1	227.1	242.0
75°	118.7	119.8	125.5	135.8	148.4	155.2	162.1	176.9	190.6	205.4	220.3
77.5°	91.3	93.6	100.4	111.8	126.7	133.5	140.4	156.4	170.1	184.9	199.7
80°	67.3	69.6	78.7	90.2	106.1	113.0	121.0	137.0	150.7	165.5	180.3
82.5°	45.7	49.1	58.2	70.8	86.7	94.7	102.7	118.7	133.5	148.4	163.2
85°	27.4	30.8	41.1	54.8	70.8	77.6	85.6	102.7	116.4	131.2	146.1
87.5°	11.4	17.1	27.4	41.1	55.9	62.8	71.9	87.9	101.6	115.3	130.1
90°	0.0	6.8	17.1	29.7	44.5	51.4	58.2	74.2	87.9	101.6	115.3
92.5°	0.0	2.3	10.3	20.5	34.2	39.9	46.8	61.6	74.2	87.9	101.6
95°	0.0	1.1	5.7	14.8	25.1	30.8	37.7	51.4	62.8	76.5	87.9
97.5°	0.0	0.0	3.4	10.3	19.4	24.0	29.7	42.2	53.6	65.1	77.6
100°	0.0	0.0	2.3	6.8	13.7	18.3	22.8	34.2	44.5	55.9	66.2
102.5°	0.0	0.0	1.1	4.6	10.3	13.7	17.1	27.4	36.5	46.8	57.1
105°	0.0	0.0	1.1	2.3	6.8	10.3	13.7	21.7	29.7	38.8	49.1
107.5°	0.0	0.0	0.0	2.3	5.7	8.0	10.3	17.1	24.0	32.0	41.1
110°	0.0	0.0	0.0	1.1	3.4	5.7	8.0	13.7	19.4	26.2	34.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	1.1	2.3	3.4	5.7	10.3	14.8	21.7	27.4
115°	0.0	0.0	0.0	0.0	1.1	2.3	3.4	8.0	11.4	17.1	22.8
117.5°	0.0	0.0	0.0	0.0	1.1	2.3	2.3	5.7	9.1	13.7	18.3
120°	0.0	0.0	0.0	0.0	1.1	1.1	2.3	4.6	6.8	10.3	14.8
122.5°	0.0	0.0	0.0	0.0	1.1	1.1	1.1	2.3	4.6	8.0	11.4
125°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3	3.4	5.7	9.1
127.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	2.3	4.6	6.8
130°	1.1	0.0	0.0	0.0	1.1	0.0	1.1	1.1	2.3	3.4	4.6
132.5°	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.3	3.4
135°	1.1	1.1	0.0	0.0	1.1	0.0	0.0	1.1	1.1	1.1	2.3
137.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3
140°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
142.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
145°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
147.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
157.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
165°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
167.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
170°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
172.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
175°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
177.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6	812.6
2.5°	813.7	804.6	810.3	809.2	808.0	805.8	811.5	806.9	809.2	809.2
5°	810.3	801.2	808.0	808.0	806.9	804.6	810.3	805.8	809.2	810.3
7.5°	804.6	797.8	804.6	803.5	803.5	801.2	806.9	803.5	806.9	806.9
10°	797.8	790.9	797.8	796.6	796.6	794.3	798.9	795.5	798.9	798.9
12.5°	788.6	781.8	789.8	788.6	787.5	786.4	790.9	787.5	792.1	792.1
15°	777.2	772.7	780.6	779.5	779.5	777.2	782.9	779.5	784.1	782.9
17.5°	764.7	760.1	768.1	768.1	767.0	767.0	770.4	767.0	772.7	772.7
20°	747.6	743.0	752.1	752.1	751.0	751.0	754.4	751.0	757.8	757.8
22.5°	729.3	725.9	733.9	735.0	733.9	733.9	737.3	735.0	741.8	741.8
25°	709.9	708.7	716.7	717.9	716.7	717.9	721.3	719.0	725.9	725.9
27.5°	689.3	689.3	697.3	698.5	699.6	699.6	703.0	700.8	708.7	707.6
30°	667.7	667.7	676.8	679.1	679.1	680.2	683.6	681.4	689.3	689.3
32.5°	644.8	646.0	655.1	658.5	658.5	660.8	663.1	662.0	669.9	672.2
35°	622.0	623.1	633.4	636.8	638.0	639.1	642.6	642.6	649.4	650.5
37.5°	595.8	600.3	609.5	614.0	615.2	617.4	620.9	620.9	628.9	631.1
40°	570.7	576.4	586.6	591.2	592.3	594.6	599.2	599.2	607.2	609.5
42.5°	546.7	553.5	562.7	569.5	570.7	574.1	576.4	578.6	586.6	588.9
45°	520.4	528.4	538.7	545.5	547.8	551.2	553.5	557.0	563.8	567.2
47.5°	495.3	503.3	514.7	522.7	523.9	528.4	530.7	534.1	541.0	544.4
50°	469.1	479.3	490.8	499.9	501.0	504.5	507.9	511.3	518.2	521.6
52.5°	444.0	454.2	465.7	474.8	477.1	480.5	483.9	487.3	495.3	498.7
55°	418.9	429.1	440.5	450.8	453.1	456.5	459.9	464.5	472.5	475.9
57.5°	393.7	405.2	416.6	426.8	429.1	433.7	437.1	441.7	448.5	453.1
60°	369.8	381.2	393.7	404.0	405.2	412.0	414.3	418.9	425.7	429.1
62.5°	344.7	359.5	369.8	381.2	383.5	388.0	391.5	396.0	402.9	407.4
65°	320.7	335.5	345.8	357.2	360.7	365.2	368.6	373.2	380.1	384.6
67.5°	297.9	312.7	324.1	335.5	339.0	342.4	347.0	351.5	357.2	362.9
70°	276.2	292.2	302.4	313.9	317.3	321.8	326.4	329.8	336.7	342.4
72.5°	254.5	270.5	280.8	293.3	295.6	300.2	304.7	309.3	315.0	319.6
75°	232.8	248.8	260.2	271.6	275.1	279.6	284.2	288.7	294.5	299.0
77.5°	212.3	228.3	239.7	252.2	254.5	259.1	264.8	269.3	273.9	278.5
80°	192.9	208.9	220.3	231.7	235.1	239.7	244.2	249.9	254.5	259.1
82.5°	175.8	190.6	200.9	213.4	215.7	220.3	224.8	229.4	234.0	238.5
85°	158.6	173.5	183.7	195.2	197.4	202.0	206.6	211.1	216.8	220.3
87.5°	142.7	156.4	167.8	178.0	180.3	184.9	189.5	192.9	197.4	202.0
90°	127.8	141.5	151.8	162.1	164.3	168.9	172.3	176.9	181.5	184.9
92.5°	113.0	126.7	135.8	146.1	148.4	152.9	157.5	160.9	165.5	168.9
95°	100.4	113.0	122.1	132.4	133.5	138.1	142.7	146.1	150.7	152.9
97.5°	87.9	100.4	109.6	118.7	119.8	124.4	129.0	132.4	135.8	139.2
100°	76.5	87.9	97.0	105.0	107.3	110.7	115.3	118.7	122.1	124.4
102.5°	66.2	76.5	84.5	93.6	94.7	99.3	102.7	106.1	109.6	111.8
105°	57.1	67.3	74.2	82.2	83.3	87.9	91.3	94.7	98.2	99.3
107.5°	49.1	57.1	63.9	71.9	74.2	76.5	79.9	83.3	86.7	87.9
110°	41.1	49.1	55.9	61.6	63.9	67.3	69.6	73.0	75.3	76.5





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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	34.2	41.1	46.8	53.6	54.8	58.2	60.5	62.8	66.2	67.3
115°	28.5	35.4	39.9	45.7	46.8	49.1	52.5	54.8	57.1	58.2
117.5°	24.0	28.5	33.1	37.7	39.9	42.2	44.5	46.8	47.9	49.1
120°	19.4	24.0	27.4	32.0	33.1	35.4	37.7	38.8	41.1	42.2
122.5°	14.8	19.4	22.8	26.2	27.4	29.7	30.8	33.1	34.2	34.2
125°	11.4	14.8	18.3	20.5	21.7	24.0	25.1	27.4	28.5	28.5
127.5°	9.1	11.4	13.7	17.1	17.1	19.4	20.5	21.7	22.8	22.8
130°	6.8	9.1	11.4	12.6	13.7	14.8	16.0	17.1	18.3	18.3
132.5°	4.6	6.8	8.0	10.3	10.3	11.4	12.6	12.6	13.7	13.7
135°	3.4	4.6	5.7	6.8	8.0	8.0	9.1	10.3	10.3	10.3
137.5°	2.3	3.4	4.6	5.7	5.7	5.7	6.8	6.8	8.0	8.0
140°	1.1	2.3	2.3	3.4	3.4	4.6	4.6	4.6	5.7	5.7
142.5°	1.1	1.1	2.3	2.3	2.3	2.3	3.4	3.4	3.4	3.4
145°	1.1	1.1	1.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3
147.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.3	2.3
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	0.0	0.0	0.0	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0
162.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0
165°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	1.1	0.0	0.0
167.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0
170°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	0.0
172.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.0	1.1	0.0
175°	1.1	1.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
177.5°	1.1	1.1	1.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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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	18.60	20.14	19.07	20.59	21.08	20.37	21.91	20.84	22.36	22.85
	3H	20.23	21.63	20.71	22.09	22.62	22.95	24.35	23.44	24.82	25.34
	4H	20.81	22.14	21.31	22.62	23.16	24.25	25.58	24.76	26.06	26.60
	6H	21.21	22.45	21.73	22.94	23.50	25.65	26.88	26.16	27.38	27.93
	8H	21.33	22.51	21.86	23.03	23.59	26.38	27.57	26.91	28.09	28.65
	12H	21.40	22.54	21.94	23.05	23.65	27.22	28.36	27.76	28.87	29.47
4H	2H	19.58	20.90	20.08	21.39	21.92	20.92	22.24	21.42	22.73	23.27
	3H	21.51	22.64	22.02	23.17	23.73	23.80	24.93	24.31	25.45	26.02
	4H	22.27	23.31	22.81	23.85	24.44	25.31	26.34	25.84	26.88	27.47
	6H	22.84	23.76	23.40	24.32	24.93	26.93	27.85	27.49	28.41	29.02
	8H	23.02	23.88	23.58	24.45	25.07	27.80	28.66	28.36	29.22	29.84
	12H	23.14	23.93	23.72	24.52	25.14	28.79	29.57	29.37	30.16	30.79
8H	4H	23.17	24.03	23.73	24.59	25.21	25.66	26.52	26.22	27.08	27.70
	6H	24.04	24.77	24.63	25.38	26.00	27.54	28.28	28.14	28.88	29.51
	8H	24.39	25.05	24.99	25.67	26.30	28.61	29.27	29.22	29.89	30.53
	12H	24.66	25.25	25.26	25.85	26.56	29.86	30.45	30.46	31.05	31.76
12H	4H	23.45	24.24	24.03	24.83	25.45	25.70	26.48	26.28	27.07	27.70
	6H	24.49	25.16	25.10	25.77	26.41	27.65	28.31	28.25	28.92	29.56
	8H	25.01	25.60	25.61	26.20	26.91	28.83	29.42	29.43	30.02	30.73