

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: P893129

Luminaire Tested: 2MB-SC3-RNDU-UNV-CC93-HI-4000K

Issue Date: 11/11/2024

**Test Information**

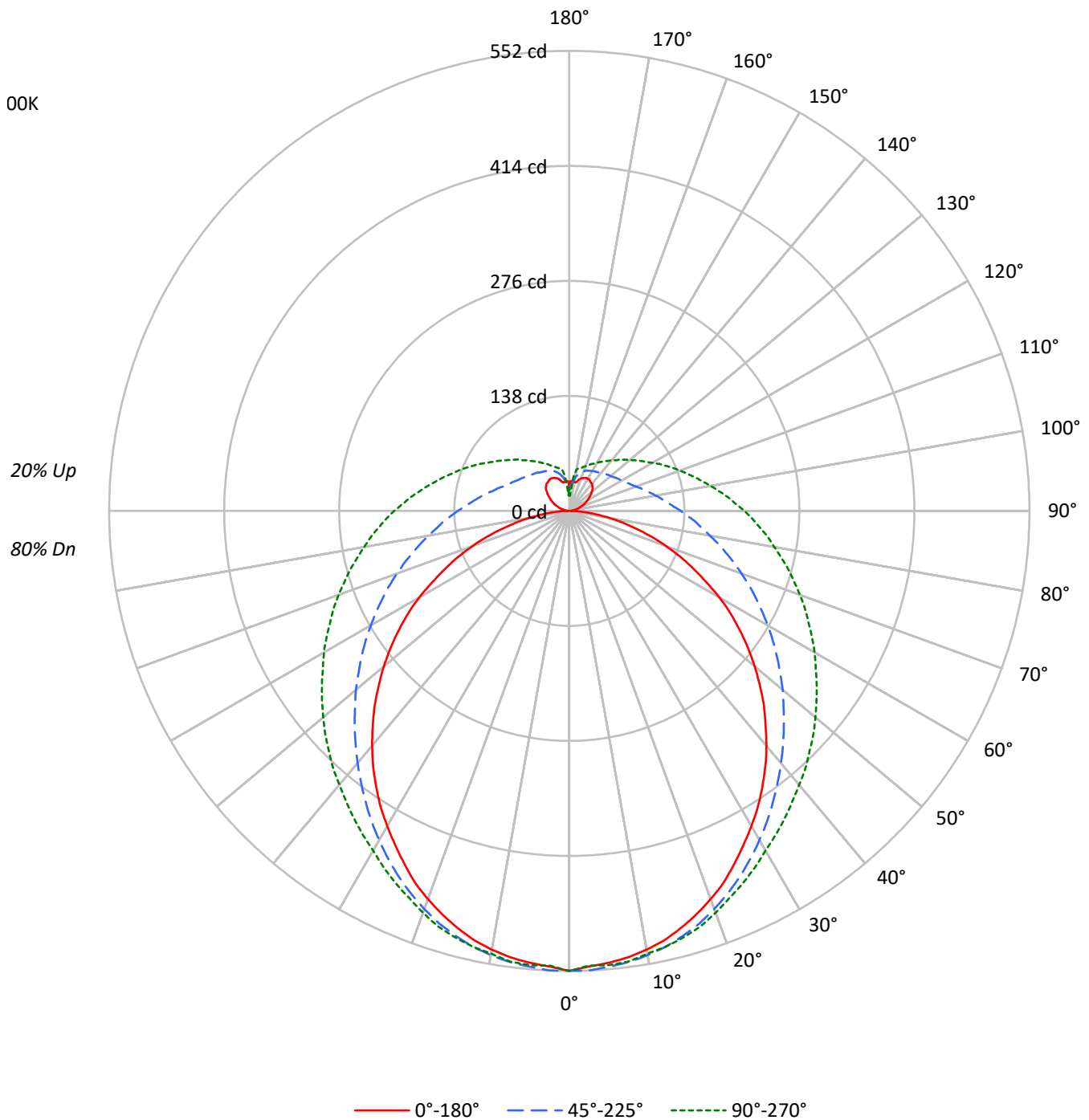
Test Method: LM-79-2019  
Report Number: P893129  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 2MB-SC3-RNDU-UNV-CC93-HI-4000K  
Description: Selectable 2FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 40  
CCT, HI lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2319.0 lumens  
Efficiency: N/A  
Efficacy: 110.4 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 (Ain): 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

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CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-HI-4000K

### 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°	7895	7895	7895
5°	7743	7578	7497
10°	7623	7271	7145
15°	7463	6955	6841
20°	7269	6626	6514
25°	7037	6288	6197
30°	6800	5948	5905
35°	6568	5623	5683
40°	6314	5317	5488
45°	6044	5039	5329
50°	5745	4796	5189
55°	5416	4570	5068
60°	5038	4371	4990
65°	4545	4199	4927
70°	4020	4052	4915
75°	3341	3949	4939
80°	2497	3901	5010
85°	1512	3973	5187

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6044 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	52.2	2.2
10°-20°	149.0	6.4
20°-30°	223.4	9.6
30°-40°	268.4	11.6
40°-50°	284.5	12.3
50°-60°	273.9	11.8
60°-70°	241.9	10.4
70°-80°	198.0	8.5
80°-90°	153.7	6.6
90°-100°	119.0	5.1
100°-110°	94.4	4.1
110°-120°	75.5	3.3
120°-130°	60.4	2.6
130°-140°	47.7	2.1
140°-150°	36.0	1.6
150°-160°	24.6	1.1
160°-170°	13.1	0.6
170°-180°	3.4	0.1
0°-30°	424.5	18.3
0°-40°	692.9	29.9
0°-60°	1251.3	54.0
0°-90°	1844.9	79.6
90°-120°	289.0	12.5
90°-150°	433.0	18.7
90°-180°	474.0	20.4
0°-180°	2319.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	552	552	552	552	552	
5°	544	550	549	551	547	52
15°	518	527	528	533	530	146
25°	468	479	484	493	493	215
35°	404	415	426	444	450	253
45°	330	343	364	396	408	254
55°	250	264	304	346	362	223
65°	165	189	247	297	317	163
75°	84	124	195	251	272	90
85°	20	76	152	208	230	22
90°	1	60	134	188	210	2
95°	3	49	118	170	191	3
105°	11	40	94	138	156	11
115°	20	38	78	113	128	20
125°	30	40	69	94	105	27
135°	40	43	62	79	87	30
145°	44	44	57	68	73	27
155°	44	47	53	59	62	20
165°	37	42	46	52	53	11
175°	36	34	32	29	27	3
180°	28	28	28	28	28	



TEST NUMBER: P893129

CATALOG NUMBER: 2MB-SC3-RNDU-UNV-CC93-HI-4000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9
2.5°	547.1	550.0	551.0	550.0	550.0	551.9	551.9	555.8	556.8	551.0	551.9
5°	544.2	547.1	549.0	548.1	548.1	550.0	549.0	552.9	553.9	549.0	549.0
7.5°	540.3	543.2	545.2	544.2	544.2	546.1	545.2	549.0	550.0	546.1	546.1
10°	534.5	538.4	540.3	538.4	539.4	541.3	540.3	544.2	545.2	541.3	541.3
12.5°	527.7	531.6	533.5	532.6	533.5	534.5	533.5	538.4	539.4	535.5	535.5
15°	518.1	522.9	523.9	522.9	523.9	526.8	524.8	528.7	531.6	527.7	527.7
17.5°	507.4	512.2	514.2	513.2	515.2	517.1	515.2	520.0	521.9	518.1	519.0
20°	495.8	500.6	502.6	501.6	503.5	505.5	503.5	508.4	510.3	507.4	508.4
22.5°	483.2	488.0	490.0	489.0	490.9	492.9	490.9	495.8	498.7	495.8	496.8
25°	467.7	473.5	475.4	474.5	476.4	479.3	476.4	482.2	485.1	483.2	484.2
27.5°	452.2	457.1	460.9	459.0	461.9	464.8	462.9	466.7	470.6	469.6	470.6
30°	436.7	441.6	445.4	443.5	446.4	449.3	446.4	451.2	455.1	455.1	456.1
32.5°	421.2	425.1	428.0	427.0	429.0	432.8	430.9	435.7	439.6	439.6	441.6
35°	403.8	407.7	410.6	409.6	412.5	415.4	413.5	418.3	423.2	424.1	426.1
37.5°	386.4	390.2	393.1	392.2	394.1	398.0	396.0	401.9	405.7	407.7	410.6
40°	368.0	371.8	374.7	373.8	376.7	379.6	378.6	383.5	388.3	391.2	395.1
42.5°	348.6	352.5	355.4	355.4	358.3	362.2	360.2	366.0	370.9	374.7	379.6
45°	330.2	333.1	336.0	336.0	339.9	342.8	341.8	347.6	353.4	358.3	364.1
47.5°	309.9	313.7	315.7	316.6	320.5	323.4	323.4	329.2	336.0	342.8	348.6
50°	290.5	293.4	296.3	296.3	301.2	304.1	304.1	310.8	319.5	327.3	334.1
52.5°	270.2	273.1	276.0	276.9	280.8	284.7	284.7	292.4	302.1	310.8	318.6
55°	249.8	252.7	254.7	256.6	261.4	264.4	266.3	275.0	285.7	294.4	304.1
57.5°	229.5	231.4	234.3	236.3	242.1	246.0	248.9	258.5	269.2	279.8	289.5
60°	208.2	211.1	213.0	215.9	221.7	227.6	230.5	241.1	252.7	264.4	275.0
62.5°	185.0	187.9	190.8	194.6	203.3	208.2	213.0	224.7	236.3	248.9	260.5
65°	164.6	166.6	169.5	173.3	183.0	188.8	194.6	207.2	220.8	234.3	246.9
67.5°	144.3	146.2	150.1	154.9	165.6	171.4	177.2	190.8	206.3	220.8	233.4
70°	123.9	124.9	129.8	136.5	148.2	154.0	160.7	174.3	189.8	206.3	219.8
72.5°	103.6	105.5	110.4	118.1	131.7	138.5	145.2	160.7	176.2	191.7	207.2
75°	84.2	85.2	92.0	101.7	116.2	123.9	131.7	147.2	163.6	180.1	194.6
77.5°	65.8	66.8	75.5	86.2	101.7	110.4	118.1	133.6	151.1	167.5	183.0
80°	48.4	50.4	59.1	72.6	88.1	96.8	106.5	123.0	139.4	156.9	171.4
82.5°	32.9	35.8	45.5	60.0	76.5	86.2	94.9	111.4	128.8	146.2	160.7
85°	20.3	23.2	34.9	49.4	66.8	75.5	84.2	101.7	119.1	135.6	152.0
87.5°	8.7	14.5	26.1	40.7	58.1	66.8	76.5	93.0	109.4	126.9	142.3
90°	1.0	8.7	20.3	34.9	51.3	60.0	68.8	85.2	101.7	118.1	133.6
92.5°	1.0	5.8	16.5	30.0	45.5	54.2	62.0	78.4	93.9	110.4	124.9
95°	2.9	5.8	14.5	27.1	41.6	49.4	57.1	72.6	88.1	103.6	118.1
97.5°	3.9	6.8	14.5	25.2	37.8	45.5	53.3	67.8	82.3	96.8	111.4
100°	5.8	7.7	14.5	24.2	35.8	42.6	49.4	62.9	77.5	92.0	105.5
102.5°	7.7	9.7	15.5	24.2	34.9	40.7	47.4	60.0	72.6	86.2	99.7
105°	10.7	11.6	16.5	24.2	33.9	39.7	45.5	57.1	68.8	82.3	93.9
107.5°	12.6	13.6	17.4	25.2	33.9	38.7	44.5	54.2	65.8	77.5	90.1
110°	14.5	14.5	19.4	26.1	33.9	37.8	43.6	53.3	63.9	74.6	85.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	17.4	17.4	20.3	27.1	33.9	37.8	42.6	51.3	61.0	71.7	81.3
115°	20.3	19.4	22.3	28.1	34.9	37.8	42.6	50.4	59.1	68.8	78.4
117.5°	22.3	21.3	24.2	29.0	34.9	38.7	42.6	50.4	58.1	66.8	75.5
120°	25.2	23.2	25.2	30.0	35.8	38.7	42.6	49.4	57.1	64.9	72.6
122.5°	27.1	26.1	27.1	32.0	36.8	38.7	42.6	48.4	56.2	62.9	70.7
125°	30.0	28.1	29.0	32.9	37.8	39.7	43.6	48.4	55.2	62.0	68.8
127.5°	32.9	30.0	30.0	33.9	37.8	40.7	43.6	48.4	54.2	60.0	66.8
130°	34.9	32.9	32.0	35.8	38.7	40.7	43.6	48.4	53.3	59.1	64.9
132.5°	37.8	34.9	33.9	36.8	39.7	41.6	44.5	48.4	53.3	58.1	63.9
135°	39.7	36.8	35.8	37.8	40.7	42.6	44.5	48.4	53.3	57.1	62.0
137.5°	40.7	38.7	37.8	38.7	41.6	43.6	45.5	48.4	52.3	56.2	61.0
140°	42.6	40.7	39.7	40.7	42.6	43.6	45.5	48.4	52.3	55.2	60.0
142.5°	42.6	42.6	40.7	41.6	42.6	44.5	46.5	48.4	51.3	55.2	58.1
145°	43.6	43.6	42.6	43.6	43.6	44.5	46.5	48.4	51.3	54.2	57.1
147.5°	44.5	44.5	44.5	44.5	44.5	45.5	46.5	48.4	51.3	53.3	56.2
150°	44.5	44.5	45.5	45.5	46.5	46.5	47.4	48.4	51.3	53.3	55.2
152.5°	44.5	43.6	45.5	46.5	47.4	47.4	47.4	48.4	50.4	52.3	54.2
155°	43.6	42.6	44.5	45.5	46.5	47.4	48.4	48.4	50.4	51.3	53.3
157.5°	42.6	41.6	43.6	44.5	45.5	46.5	47.4	47.4	48.4	50.4	52.3
160°	41.6	40.7	41.6	43.6	44.5	45.5	46.5	46.5	47.4	48.4	50.4
162.5°	39.7	38.7	39.7	41.6	42.6	43.6	44.5	45.5	46.5	47.4	48.4
165°	36.8	36.8	36.8	38.7	40.7	41.6	42.6	43.6	44.5	45.5	46.5
167.5°	34.9	33.9	34.9	35.8	37.8	38.7	39.7	40.7	41.6	42.6	43.6
170°	34.9	33.9	33.9	34.9	35.8	35.8	36.8	37.8	38.7	39.7	40.7
172.5°	35.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.8	35.8
175°	35.8	35.8	34.9	34.9	33.9	33.9	33.9	33.9	32.9	32.0	32.0
177.5°	35.8	35.8	35.8	34.9	34.9	33.9	33.9	33.9	32.9	32.0	30.0
180°	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9	551.9
2.5°	551.0	551.0	547.1	551.0	551.9	550.0	549.0	551.0	548.1	546.1
5°	549.0	549.0	546.1	550.0	551.0	549.0	549.0	551.0	548.1	547.1
7.5°	545.2	546.1	544.2	548.1	549.0	547.1	547.1	549.0	547.1	545.2
10°	541.3	541.3	540.3	543.2	543.2	542.3	541.3	543.2	542.3	539.4
12.5°	535.5	536.5	534.5	538.4	539.4	537.4	537.4	539.4	537.4	535.5
15°	528.7	528.7	528.7	531.6	532.6	531.6	531.6	533.5	531.6	529.7
17.5°	520.0	521.0	521.0	524.8	525.8	523.9	523.9	526.8	525.8	522.9
20°	509.3	510.3	511.3	514.2	515.2	514.2	514.2	516.1	516.1	513.2
22.5°	498.7	498.7	500.6	503.5	504.5	503.5	503.5	506.4	506.4	502.6
25°	486.1	486.1	489.0	492.9	492.9	491.9	492.9	494.8	495.8	492.9
27.5°	473.5	474.5	477.4	481.3	481.3	481.3	481.3	484.2	484.2	482.2
30°	459.0	460.9	463.8	467.7	468.7	468.7	469.6	471.6	473.5	470.6
32.5°	444.5	446.4	450.3	455.1	456.1	457.1	458.0	461.9	463.8	460.9
35°	429.9	431.9	437.7	443.5	444.5	445.4	447.4	451.2	453.2	450.3
37.5°	415.4	418.3	426.1	430.9	432.8	433.8	436.7	439.6	443.5	439.6
40°	401.9	404.8	413.5	419.3	420.3	422.2	425.1	429.0	431.9	429.0
42.5°	387.3	391.2	399.9	406.7	408.6	410.6	413.5	417.3	421.2	419.3
45°	372.8	377.6	387.3	394.1	396.0	399.0	402.8	406.7	410.6	407.7
47.5°	358.3	364.1	374.7	381.5	383.5	387.3	391.2	395.1	399.0	397.0
50°	343.8	349.6	361.2	368.9	371.8	375.7	378.6	383.5	387.3	385.4
52.5°	330.2	336.0	348.6	356.3	359.2	363.1	367.0	371.8	375.7	373.8
55°	314.7	321.5	335.0	342.8	345.7	350.5	355.4	359.2	364.1	362.2
57.5°	301.2	308.9	322.5	331.2	334.1	338.9	343.8	348.6	353.4	350.5
60°	287.6	295.3	309.9	318.6	321.5	327.3	332.1	336.0	341.8	339.9
62.5°	274.0	282.8	296.3	306.0	309.9	314.7	319.5	324.4	329.2	328.3
65°	259.5	269.2	283.7	293.4	297.3	303.1	307.9	312.8	317.6	316.6
67.5°	247.9	257.6	272.1	281.8	285.7	291.5	297.3	302.1	307.0	306.0
70°	234.3	245.0	259.5	269.2	273.1	278.9	284.7	289.5	294.4	294.4
72.5°	222.7	233.4	247.9	257.6	262.4	268.2	274.0	278.9	283.7	282.8
75°	211.1	221.7	236.3	246.0	250.8	257.6	263.4	268.2	273.1	272.1
77.5°	198.5	210.1	224.7	234.3	239.2	246.0	251.8	256.6	261.4	260.5
80°	186.9	199.5	214.0	223.7	228.5	234.3	241.1	246.0	250.8	249.8
82.5°	176.2	188.8	204.3	214.0	218.8	224.7	231.4	236.3	240.1	240.1
85°	166.6	178.2	192.7	203.3	208.2	214.0	220.8	225.6	230.5	229.5
87.5°	156.9	168.5	182.0	192.7	197.5	203.3	211.1	215.9	219.8	219.8
90°	148.2	159.8	173.3	183.0	187.9	193.7	200.4	206.3	210.1	210.1
92.5°	140.4	151.1	164.6	173.3	178.2	184.0	191.7	195.6	199.5	199.5
95°	132.7	143.3	155.9	164.6	169.5	175.3	182.0	186.9	189.8	190.8
97.5°	124.9	135.6	148.2	155.9	160.7	166.6	173.3	177.2	180.1	181.1
100°	118.1	128.8	140.4	148.2	153.0	158.8	164.6	168.5	171.4	172.4
102.5°	112.3	122.0	133.6	141.4	145.2	150.1	156.9	160.7	163.6	163.6
105°	106.5	116.2	126.9	134.6	138.5	143.3	149.1	153.0	155.9	155.9
107.5°	100.7	110.4	120.1	127.8	131.7	135.6	141.4	145.2	148.2	148.2
110°	95.9	104.6	114.3	121.0	124.9	128.8	134.6	138.5	140.4	141.4





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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	92.0	99.7	108.5	115.2	119.1	123.0	127.8	131.7	133.6	134.6
115°	88.1	94.9	103.6	109.4	113.3	117.2	122.0	124.9	126.9	127.8
117.5°	84.2	91.0	98.8	104.6	107.5	111.4	116.2	119.1	121.0	122.0
120°	81.3	87.1	94.9	99.7	102.6	106.5	110.4	113.3	115.2	115.2
122.5°	77.5	84.2	90.1	94.9	97.8	100.7	105.5	107.5	109.4	109.4
125°	75.5	80.4	87.1	91.0	93.9	96.8	100.7	102.6	104.6	104.6
127.5°	72.6	77.5	83.3	87.1	89.1	92.0	95.9	97.8	98.8	99.7
130°	70.7	75.5	80.4	84.2	86.2	88.1	92.0	93.0	94.9	94.9
132.5°	68.8	72.6	77.5	80.4	82.3	84.2	87.1	89.1	90.1	91.0
135°	66.8	70.7	74.6	77.5	79.4	81.3	84.2	85.2	86.2	87.1
137.5°	64.9	68.8	71.7	74.6	75.5	77.5	80.4	81.3	82.3	82.3
140°	62.9	66.8	69.7	71.7	73.6	74.6	77.5	78.4	78.4	79.4
142.5°	62.0	64.9	66.8	68.8	70.7	71.7	73.6	74.6	75.5	75.5
145°	60.0	62.9	64.9	66.8	67.8	68.8	70.7	71.7	72.6	72.6
147.5°	59.1	61.0	62.9	64.9	65.8	66.8	68.8	68.8	69.7	69.7
150°	57.1	60.0	61.0	62.9	63.9	63.9	65.8	66.8	66.8	66.8
152.5°	56.2	58.1	59.1	60.0	61.0	62.0	62.9	63.9	63.9	63.9
155°	55.2	57.1	58.1	59.1	59.1	60.0	61.0	61.0	61.0	62.0
157.5°	54.2	55.2	56.2	57.1	57.1	58.1	59.1	59.1	59.1	59.1
160°	52.3	53.3	54.2	55.2	56.2	56.2	57.1	57.1	57.1	57.1
162.5°	49.4	51.3	52.3	53.3	54.2	54.2	55.2	55.2	55.2	55.2
165°	47.4	48.4	49.4	51.3	52.3	52.3	53.3	53.3	53.3	53.3
167.5°	45.5	45.5	46.5	47.4	49.4	50.4	51.3	52.3	52.3	52.3
170°	41.6	41.6	42.6	42.6	44.5	45.5	47.4	49.4	50.4	50.4
172.5°	36.8	36.8	37.8	36.8	37.8	37.8	38.7	40.7	42.6	43.6
175°	32.0	32.0	30.0	29.0	29.0	28.1	28.1	27.1	25.2	27.1
177.5°	28.1	27.1	25.2	23.2	23.2	22.3	22.3	20.3	18.4	18.4
180°	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1



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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	14.07	15.38	14.72	16.05	16.82	17.46	18.77	18.10	19.43	20.20
	3H	15.39	16.59	16.05	17.27	18.07	20.27	21.47	20.93	22.14	22.95
	4H	15.79	16.93	16.47	17.62	18.43	21.69	22.83	22.36	23.51	24.33
	6H	16.00	17.06	16.69	17.76	18.59	23.18	24.24	23.86	24.93	25.77
	8H	16.03	17.05	16.73	17.77	18.60	23.93	24.95	24.63	25.66	26.50
	12H	16.04	17.01	16.74	17.73	18.59	24.72	25.70	25.43	26.41	27.27
4H	2H	15.20	16.33	15.87	17.02	17.84	17.79	18.93	18.47	19.62	20.43
	3H	16.80	17.78	17.49	18.50	19.34	20.85	21.82	21.54	22.55	23.38
	4H	17.36	18.26	18.07	18.99	19.85	22.44	23.34	23.15	24.07	24.93
	6H	17.70	18.50	18.43	19.25	20.12	24.14	24.94	24.86	25.69	26.56
	8H	17.78	18.53	18.50	19.28	20.16	25.02	25.77	25.74	26.52	27.40
	12H	17.80	18.49	18.55	19.26	20.15	25.95	26.63	26.70	27.40	28.30
8H	4H	18.41	19.16	19.13	19.90	20.79	22.62	23.37	23.35	24.12	25.00
	6H	19.02	19.66	19.77	20.44	21.33	24.51	25.15	25.26	25.93	26.82
	8H	19.22	19.79	19.98	20.58	21.48	25.54	26.11	26.30	26.90	27.80
	12H	19.33	19.85	20.10	20.63	21.59	26.67	27.18	27.44	27.96	28.92
12H	4H	18.74	19.42	19.49	20.19	21.08	22.62	23.30	23.37	24.07	24.96
	6H	19.51	20.09	20.28	20.88	21.78	24.54	25.12	25.31	25.91	26.81
	8H	19.84	20.36	20.61	21.14	22.10	25.63	26.15	26.40	26.93	27.89