

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: P893678

Luminaire Tested: 4MB-5SL-RNDU-UNV-L935

Issue Date: 11/11/2024

**Test Information**

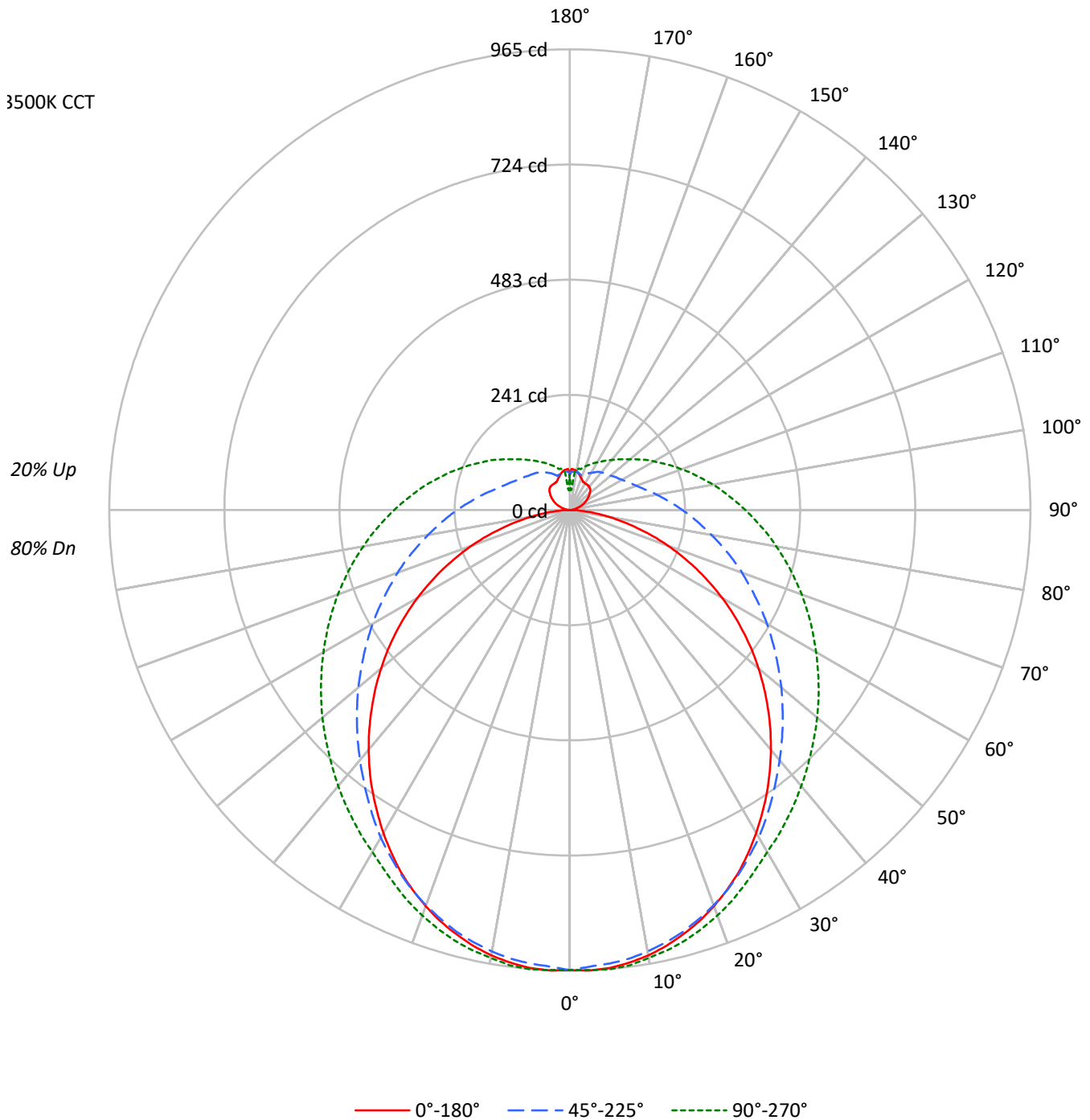
Test Method: LM-79-2019  
Report Number: P893678  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-5SL-RNDU-UNV-L935  
Description: 5000 Lumen 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 5  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4053.0 lumens  
Efficiency: N/A  
Efficacy: 115.8 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): 35  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: 0.995  
Total Harmonic Distortion (THDi): 9.55  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P893678  
CATALOG NUMBER: 4MB-5SL-RNDU-UNV-L935

### Luminous Intensity Polar Plot





TEST NUMBER: P893678

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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
RCR																				
0	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	83	80	
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	65	61	
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	49	
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	41	
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	34	
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	29	
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	26	
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	23	
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	20	
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20	20	18	
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	16	

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

	0°	45°	90°
0°	6856	6856	6856
5°	6844	6566	6580
10°	6780	6311	6276
15°	6680	6052	5995
20°	6560	5779	5707
25°	6415	5504	5417
30°	6230	5227	5162
35°	6038	4942	4973
40°	5832	4684	4801
45°	5611	4456	4648
50°	5378	4252	4531
55°	5111	4065	4428
60°	4809	3910	4351
65°	4441	3774	4307
70°	3985	3690	4294
75°	3374	3629	4313
80°	2635	3627	4381
85°	1685	3722	4524

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5611 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.2	2.2
10°-20°	260.0	6.4
20°-30°	390.3	9.6
30°-40°	469.3	11.6
40°-50°	497.3	12.3
50°-60°	478.9	11.8
60°-70°	423.8	10.5
70°-80°	347.6	8.6
80°-90°	269.7	6.7
90°-100°	209.4	5.2
100°-110°	165.9	4.1
110°-120°	132.1	3.3
120°-130°	105.0	2.6
130°-140°	82.0	2.0
140°-150°	60.3	1.5
150°-160°	39.9	1.0
160°-170°	23.0	0.6
170°-180°	7.4	0.2
0°-30°	741.4	18.3
0°-40°	1210.8	29.9
0°-60°	2186.9	54.0
0°-90°	3228.1	79.6
90°-120°	507.4	12.5
90°-150°	754.7	18.6
90°-180°	825.0	20.4
0°-180°	4053.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	964	964	964	964	964	
5°	963	964	954	961	965	91
15°	920	920	915	929	933	259
25°	837	840	840	861	866	385
35°	721	730	738	777	792	451
45°	587	600	631	690	715	453
55°	443	465	526	604	636	396
65°	293	334	428	518	556	290
75°	147	220	341	437	478	157
85°	33	133	267	364	402	38
90°	1	104	236	330	368	3
95°	5	86	208	298	335	5
105°	16	70	164	244	276	18
115°	33	67	137	199	226	32
125°	48	70	119	164	184	43
135°	60	74	107	138	150	46
145°	64	73	97	118	126	40
155°	65	76	83	101	106	31
165°	77	82	79	79	89	22
175°	85	84	81	67	45	8
180°	74	74	74	74	74	



TEST NUMBER: P893678  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6
2.5°	965.4	964.5	966.4	968.2	973.7	966.4	970.0	959.9	960.9	961.8	957.2
5°	962.7	959.9	962.7	964.5	969.1	963.6	967.3	956.3	957.2	959.0	953.5
7.5°	956.3	953.5	955.4	957.2	961.8	956.3	960.9	949.9	951.7	952.6	948.0
10°	947.1	943.4	945.3	948.0	951.7	947.1	950.8	940.7	941.6	943.4	938.9
12.5°	935.2	931.5	933.4	935.2	939.8	935.2	938.9	928.8	930.6	932.4	927.9
15°	919.6	915.9	917.8	919.6	923.3	920.5	924.2	914.1	915.9	919.6	915.0
17.5°	903.1	897.6	899.4	902.2	905.8	904.0	906.8	898.5	899.4	903.1	898.5
20°	882.9	877.4	879.3	882.0	885.7	884.8	886.6	879.3	881.1	885.7	881.1
22.5°	860.9	855.4	857.3	860.9	863.7	863.7	864.6	859.1	860.9	865.5	861.8
25°	837.1	831.6	833.4	837.1	839.8	839.8	841.7	836.2	838.9	843.5	839.8
27.5°	809.6	806.8	806.8	810.5	812.3	814.2	815.1	810.5	814.2	818.7	816.0
30°	781.2	777.5	779.3	783.9	783.9	787.6	787.6	783.9	788.5	794.0	792.2
32.5°	750.9	748.1	749.1	754.6	754.6	759.2	758.2	756.4	761.0	767.4	765.6
35°	720.6	717.9	718.8	724.3	724.3	729.8	728.0	728.0	732.6	739.9	738.1
37.5°	688.6	686.7	687.6	693.1	693.1	698.6	696.8	697.7	703.2	711.5	710.6
40°	655.5	653.7	655.5	660.1	662.0	666.5	664.7	666.5	673.9	681.2	684.0
42.5°	621.6	620.7	622.5	627.1	629.0	633.5	632.6	635.4	642.7	653.7	657.4
45°	586.8	586.8	588.6	593.2	595.0	600.5	599.6	603.3	612.5	624.4	630.8
47.5°	551.9	552.9	553.8	559.3	559.3	568.4	565.7	571.2	583.1	596.9	604.2
50°	516.2	518.0	518.9	523.5	525.4	533.6	531.8	540.9	553.8	568.4	578.5
52.5°	480.4	482.3	484.1	487.8	489.6	499.7	497.8	509.8	525.4	540.9	551.9
55°	442.8	446.5	447.4	452.0	454.8	464.8	464.8	478.6	495.1	512.5	526.3
57.5°	406.2	409.8	410.7	416.2	419.9	431.8	433.7	449.3	467.6	485.0	501.5
60°	368.6	373.2	374.1	379.6	386.0	398.8	401.6	419.0	439.2	457.5	476.8
62.5°	331.0	335.6	337.4	342.9	353.0	365.8	370.4	390.6	411.7	431.8	452.9
65°	293.4	298.0	300.7	308.1	320.0	333.7	340.2	361.2	385.1	406.2	428.2
67.5°	255.8	261.3	265.0	274.1	289.7	304.4	310.8	334.6	359.4	382.3	405.2
70°	219.1	224.6	229.2	241.1	259.5	274.1	282.4	308.1	333.7	358.5	384.2
72.5°	183.4	188.9	195.3	210.0	230.1	246.6	255.8	282.4	310.8	335.6	362.2
75°	146.7	153.1	160.4	180.6	203.5	220.0	230.1	258.6	287.9	312.6	341.1
77.5°	113.7	120.1	131.1	151.3	177.0	195.3	206.3	236.5	266.8	291.6	320.9
80°	83.4	89.9	104.5	126.5	153.1	170.5	184.3	215.5	246.6	272.3	301.6
82.5°	56.8	63.3	80.7	104.5	132.9	150.4	163.2	196.2	227.4	254.0	283.3
85°	33.0	42.2	60.5	86.2	115.5	132.9	145.8	179.7	210.0	236.5	266.8
87.5°	14.7	25.7	45.8	71.5	100.9	117.4	131.1	162.3	194.4	221.0	251.2
90°	0.9	14.7	35.8	60.5	88.9	104.5	117.4	148.5	178.8	206.3	235.6
92.5°	1.8	10.1	29.3	52.3	78.8	94.4	107.3	136.6	165.0	193.5	221.9
95°	4.6	10.1	25.7	46.8	71.5	86.2	98.1	126.5	153.1	180.6	208.1
97.5°	7.3	11.0	24.8	44.0	66.0	79.8	90.8	117.4	143.9	168.7	196.2
100°	10.1	13.8	24.8	42.2	62.3	75.2	85.3	110.0	134.8	157.7	185.2
102.5°	12.8	16.5	26.6	42.2	60.5	71.5	81.6	104.5	127.4	148.5	174.2
105°	16.5	19.3	28.4	42.2	58.7	69.7	77.9	99.0	121.0	141.2	164.1
107.5°	20.2	22.0	30.3	43.1	58.7	67.8	76.1	95.4	115.5	133.9	155.9
110°	24.8	25.7	33.0	44.9	58.7	66.9	74.3	92.6	110.9	128.4	148.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	28.4	28.4	35.8	46.8	58.7	66.9	73.3	89.9	107.3	122.9	142.1
115°	33.0	33.0	38.5	48.6	59.6	66.9	73.3	88.9	104.5	118.3	136.6
117.5°	36.7	36.7	42.2	50.4	61.4	67.8	73.3	87.1	101.8	114.6	131.1
120°	40.3	40.3	44.0	52.3	62.3	68.8	73.3	86.2	99.0	111.9	126.5
122.5°	44.0	44.0	46.8	55.0	63.3	68.8	73.3	85.3	97.2	108.2	121.9
125°	47.7	47.7	49.5	56.8	65.1	69.7	74.3	85.3	96.3	105.4	119.2
127.5°	51.3	50.4	53.2	59.6	66.0	70.6	75.2	85.3	94.4	103.6	115.5
130°	54.1	53.2	56.8	61.4	67.8	71.5	75.2	84.4	93.5	101.8	111.9
132.5°	57.8	55.9	60.5	62.3	69.7	73.3	76.1	84.4	92.6	99.9	110.0
135°	60.5	58.7	63.3	65.1	70.6	74.3	77.0	84.4	91.7	99.0	107.3
137.5°	62.3	61.4	66.0	67.8	71.5	75.2	77.9	84.4	90.8	97.2	105.4
140°	63.3	62.3	66.0	69.7	71.5	75.2	77.0	83.4	89.9	95.4	102.7
142.5°	64.2	64.2	66.9	70.6	71.5	74.3	77.0	82.5	88.0	92.6	100.9
145°	64.2	64.2	66.9	71.5	72.4	73.3	75.2	80.7	85.3	89.9	97.2
147.5°	64.2	64.2	67.8	71.5	73.3	74.3	73.3	78.8	83.4	87.1	93.5
150°	64.2	64.2	67.8	71.5	74.3	75.2	74.3	77.0	80.7	84.4	89.9
152.5°	65.1	65.1	67.8	71.5	74.3	75.2	75.2	75.2	77.9	81.6	87.1
155°	65.1	66.0	67.8	73.3	75.2	76.1	76.1	76.1	75.2	78.8	83.4
157.5°	67.8	68.8	69.7	74.3	76.1	77.0	77.0	77.0	76.1	75.2	79.8
160°	70.6	71.5	72.4	76.1	77.9	78.8	78.8	78.8	77.0	76.1	76.1
162.5°	73.3	75.2	75.2	77.0	78.8	79.8	79.8	80.7	78.8	77.9	77.0
165°	77.0	77.9	77.9	78.8	80.7	81.6	80.7	81.6	80.7	79.8	78.8
167.5°	79.8	80.7	80.7	81.6	81.6	82.5	82.5	82.5	81.6	80.7	80.7
170°	82.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4	82.5	80.7	80.7
172.5°	84.4	85.3	85.3	84.4	84.4	84.4	84.4	83.4	81.6	80.7	80.7
175°	85.3	86.2	86.2	85.3	84.4	84.4	84.4	83.4	81.6	80.7	80.7
177.5°	86.2	87.1	86.2	86.2	84.4	84.4	84.4	84.4	82.5	81.6	80.7
180°	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6	963.6
2.5°	962.7	951.7	959.0	959.9	963.6	959.9	962.7	959.9	967.3	964.5
5°	959.0	948.9	955.4	956.3	960.9	956.3	960.9	959.0	968.2	965.4
7.5°	952.6	944.4	949.9	950.8	956.3	951.7	956.3	954.4	965.4	961.8
10°	943.4	937.0	942.5	943.4	948.9	944.4	948.0	946.2	958.1	952.6
12.5°	933.4	927.9	932.4	933.4	939.8	935.2	939.8	937.9	949.9	944.4
15°	918.7	915.9	920.5	922.3	928.8	925.1	929.7	927.9	940.7	933.4
17.5°	904.0	902.2	906.8	908.6	915.9	911.3	915.9	914.1	926.9	919.6
20°	885.7	884.8	889.3	892.1	898.5	893.9	899.4	897.6	911.3	904.0
22.5°	866.4	866.4	870.1	872.8	879.3	875.6	881.1	880.2	893.9	886.6
25°	845.3	846.3	849.9	853.6	860.9	858.2	862.8	862.8	875.6	866.4
27.5°	821.5	826.1	828.8	833.4	839.8	837.1	841.7	842.6	855.4	846.3
30°	796.7	803.2	805.9	811.4	816.9	816.9	821.5	823.3	836.2	827.0
32.5°	771.1	778.4	782.1	789.4	796.7	796.7	803.2	805.9	818.7	810.5
35°	745.4	755.5	760.1	769.2	776.6	777.5	783.9	787.6	800.4	792.2
37.5°	720.6	733.5	738.1	749.1	755.5	757.3	764.7	769.2	781.2	773.8
40°	695.0	710.6	716.1	728.0	733.5	737.1	744.5	750.0	761.0	754.6
42.5°	670.2	687.6	693.1	706.0	712.4	716.1	723.4	730.7	741.7	735.3
45°	645.5	664.7	671.1	684.9	690.4	695.9	704.1	710.6	720.6	715.1
47.5°	621.6	641.8	648.2	662.9	669.3	675.7	683.1	692.2	701.4	695.9
50°	596.9	618.0	626.2	641.8	647.3	654.6	663.8	672.0	681.2	676.6
52.5°	573.0	595.0	603.3	619.8	626.2	633.5	642.7	651.9	660.1	656.5
55°	547.4	571.2	580.4	597.8	604.2	611.5	621.6	631.7	639.0	636.3
57.5°	523.5	548.3	557.4	576.7	582.2	591.4	601.5	612.5	618.9	616.1
60°	499.7	524.4	535.4	554.7	561.1	570.3	580.4	592.3	597.8	596.0
62.5°	475.8	501.5	513.4	533.6	539.1	549.2	561.1	571.2	576.7	575.8
65°	453.8	478.6	492.3	512.5	518.0	529.0	540.0	551.0	556.5	556.5
67.5°	430.9	457.5	471.3	492.3	496.9	508.9	520.8	531.8	536.4	536.4
70°	409.8	435.5	451.1	472.2	476.8	487.8	500.6	512.5	516.2	517.1
72.5°	388.7	414.4	430.9	452.9	457.5	468.5	480.4	493.3	496.0	496.9
75°	368.6	394.2	410.7	432.8	437.3	448.3	461.2	473.1	476.8	477.7
77.5°	348.4	374.1	392.4	413.5	418.1	429.1	441.9	453.8	456.6	458.4
80°	330.1	354.8	372.2	395.2	399.7	410.7	422.7	434.6	436.4	439.2
82.5°	311.7	336.5	354.8	376.8	381.4	392.4	404.3	416.2	418.1	421.8
85°	294.3	319.1	337.4	358.5	364.0	374.1	386.9	397.9	399.7	402.5
87.5°	278.7	301.6	320.9	341.1	346.6	356.7	369.5	380.5	381.4	385.1
90°	262.2	285.1	304.4	324.6	330.1	339.2	352.1	363.1	364.9	367.7
92.5°	248.5	269.6	289.7	309.0	313.6	323.6	335.6	346.6	348.4	351.2
95°	233.8	254.9	275.1	293.4	298.0	308.1	319.1	330.1	331.9	334.6
97.5°	221.0	241.1	260.4	278.7	283.3	292.5	304.4	314.5	316.3	320.0
100°	209.0	228.3	248.5	265.0	269.6	278.7	289.7	299.8	301.6	305.3
102.5°	198.0	216.4	235.6	251.2	256.7	265.0	276.0	285.1	287.0	289.7
105°	188.0	205.4	223.7	238.4	243.9	252.1	262.2	271.4	273.2	276.0
107.5°	177.9	194.4	211.8	226.5	231.0	238.4	248.5	257.6	259.5	263.1
110°	168.7	185.2	201.7	215.5	221.0	226.5	236.5	244.8	246.6	249.4





TEST NUMBER: P893678  
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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	160.4	175.1	191.6	204.5	209.0	215.5	223.7	232.0	233.8	237.5
115°	153.1	166.9	183.4	195.3	199.0	204.5	213.6	221.0	222.8	225.5
117.5°	146.7	158.6	173.3	185.2	189.8	194.4	202.6	209.0	211.8	213.6
120°	141.2	152.2	165.0	176.0	181.5	185.2	192.5	199.0	201.7	203.5
122.5°	135.7	145.8	157.7	167.8	172.4	175.1	183.4	188.9	191.6	194.4
125°	131.1	140.3	151.3	159.5	164.1	166.9	174.2	179.7	182.5	184.3
127.5°	126.5	134.8	145.8	152.2	156.8	158.6	165.0	170.5	173.3	174.2
130°	121.9	130.2	139.4	145.8	149.4	152.2	157.7	161.4	164.1	165.0
132.5°	118.3	125.6	133.9	140.3	143.9	144.9	150.4	154.0	156.8	157.7
135°	115.5	121.0	129.3	134.8	137.5	139.4	143.9	146.7	149.4	150.4
137.5°	111.9	117.4	124.7	128.4	132.0	132.9	137.5	140.3	143.0	143.9
140°	109.1	113.7	120.1	123.8	127.4	127.4	131.1	133.9	136.6	136.6
142.5°	106.4	110.9	116.4	120.1	122.9	122.9	126.5	128.4	131.1	131.1
145°	102.7	107.3	112.8	115.5	118.3	118.3	121.0	122.9	125.6	125.6
147.5°	99.0	103.6	109.1	110.9	113.7	113.7	116.4	118.3	120.1	120.1
150°	94.4	98.1	104.5	107.3	110.0	110.0	111.9	113.7	115.5	115.5
152.5°	90.8	93.5	99.0	102.7	105.4	105.4	107.3	109.1	110.9	110.9
155°	86.2	88.9	93.5	98.1	100.9	101.8	103.6	104.5	106.4	106.4
157.5°	82.5	85.3	88.9	92.6	95.4	97.2	99.9	100.9	101.8	101.8
160°	77.9	79.8	83.4	87.1	89.9	91.7	96.3	97.2	98.1	98.1
162.5°	76.1	76.1	77.9	80.7	83.4	84.4	88.9	92.6	94.4	93.5
165°	77.0	76.1	76.1	77.0	78.8	79.8	82.5	88.0	89.9	88.9
167.5°	78.8	77.0	76.1	76.1	77.9	77.9	80.7	85.3	90.8	88.9
170°	78.8	76.1	74.3	74.3	75.2	75.2	77.0	79.8	85.3	86.2
172.5°	77.9	76.1	73.3	69.7	70.6	69.7	68.8	70.6	71.5	80.7
175°	78.8	76.1	73.3	68.8	66.9	64.2	59.6	55.9	55.0	44.9
177.5°	77.9	75.2	71.5	67.8	66.0	62.3	56.8	50.4	46.8	41.3
180°	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3



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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	13.62	14.93	14.26	15.60	16.36	17.16	18.48	17.81	19.14	19.91
	3H	14.97	16.17	15.62	16.84	17.64	20.08	21.28	20.74	21.95	22.76
	4H	15.37	16.51	16.04	17.20	18.01	21.56	22.70	22.23	23.38	24.20
	6H	15.59	16.65	16.27	17.35	18.18	23.12	24.18	23.80	24.87	25.70
	8H	15.62	16.64	16.32	17.36	18.19	23.92	24.94	24.62	25.66	26.49
	12H	15.63	16.60	16.33	17.31	18.18	24.80	25.78	25.51	26.49	27.35
4H	2H	14.76	15.90	15.44	16.59	17.40	17.48	18.62	18.16	19.31	20.12
	3H	16.40	17.38	17.09	18.10	18.94	20.63	21.61	21.32	22.33	23.17
	4H	16.97	17.87	17.68	18.60	19.46	22.28	23.19	22.99	23.91	24.77
	6H	17.31	18.11	18.03	18.86	19.73	24.06	24.85	24.78	25.60	26.47
	8H	17.39	18.14	18.11	18.89	19.77	24.99	25.74	25.72	26.49	27.37
	12H	17.41	18.10	18.16	18.87	19.76	26.01	26.70	26.76	27.47	28.36
8H	4H	18.06	18.81	18.78	19.56	20.44	22.46	23.21	23.18	23.96	24.84
	6H	18.67	19.31	19.42	20.10	20.98	24.41	25.05	25.16	25.84	26.72
	8H	18.86	19.44	19.63	20.23	21.13	25.49	26.07	26.26	26.86	27.76
	12H	18.98	19.50	19.75	20.27	21.23	26.71	27.23	27.48	28.01	28.96
12H	4H	18.41	19.10	19.16	19.87	20.76	22.45	23.14	23.20	23.91	24.80
	6H	19.19	19.77	19.96	20.56	21.46	24.44	25.02	25.21	25.81	26.71
	8H	19.52	20.04	20.29	20.82	21.77	25.59	26.10	26.36	26.88	27.84