Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1203841

Luminaire Tested: GWC-SB2D-827-U-SLL

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1203841
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB2D-827-U-SLL
Description:	GALLEON WALL LUMINAIRE
	(2) 80 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOF
	LEFT OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17629 lumens
Efficiency:	N/A
Efficacy:	119.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	147.6
Input Voltage (V):	120.0
Input Current (Ain):	1.234
Voltage Rise (V):	NR
Power Factor:	0.999
Total Harmonic Distortion (THDi):	3.108
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

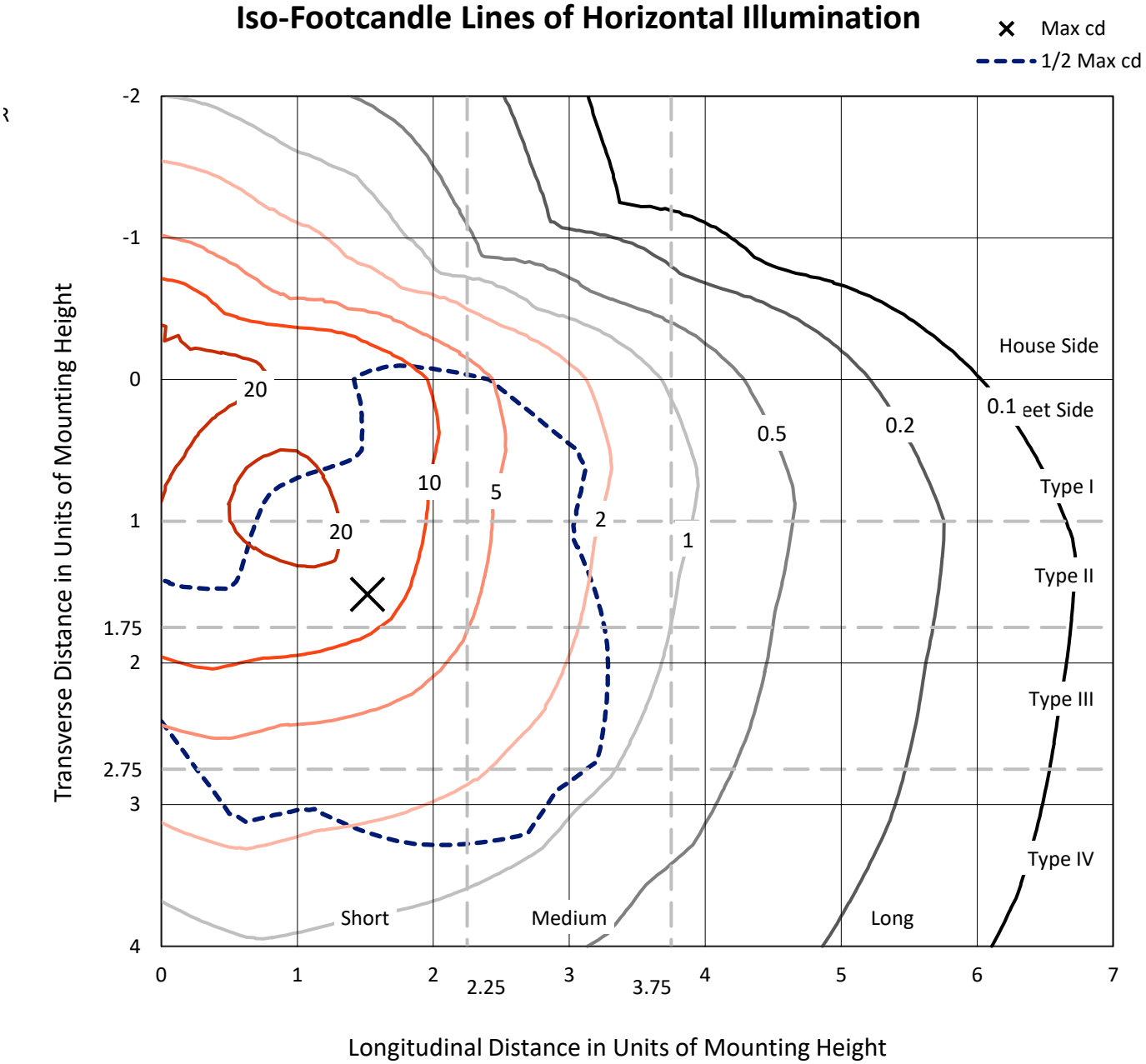


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Iso-Footcandle Lines of Horizontal Illumination



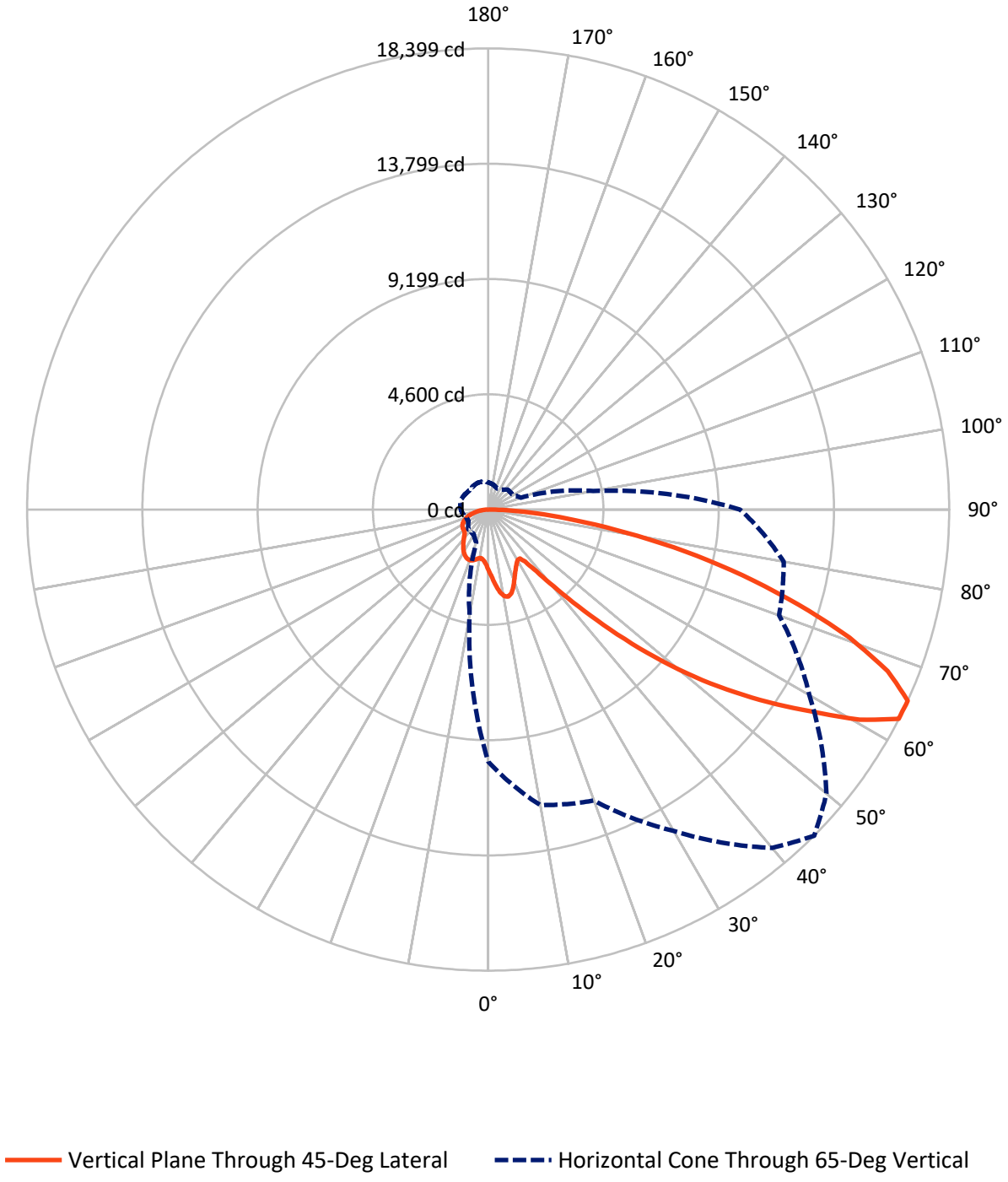
Based on 10 foot mounting height. Maximum calculated value = 33.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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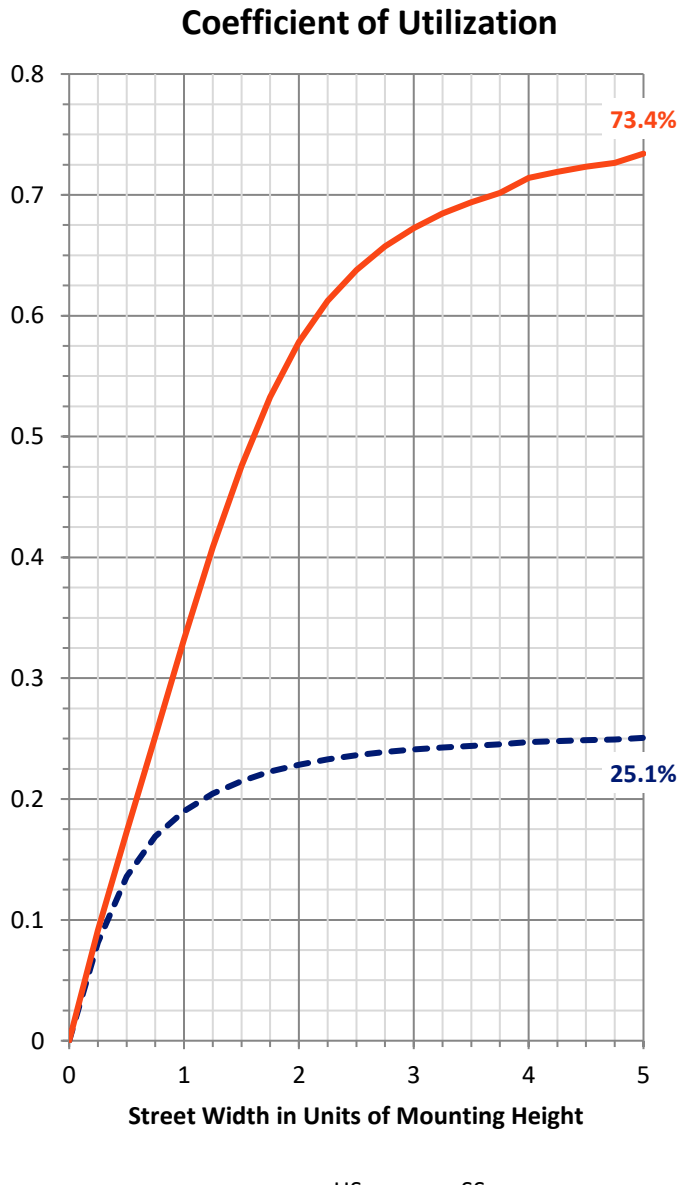
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4480.4	0.0	4480.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	13148.6	0.0	13148.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	17629.0	0.0	17629.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.5	1.4
10°-20°	754.9	4.3
20°-30°	1166.0	6.6
30°-40°	1477.7	8.4
40°-50°	2228.7	12.6
50°-60°	3600.8	20.4
60°-70°	4489.0	25.5
70°-80°	2943.7	16.7
80°-90°	727.7	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	17629.0	100.0
0°-180°	17629.0	100.0



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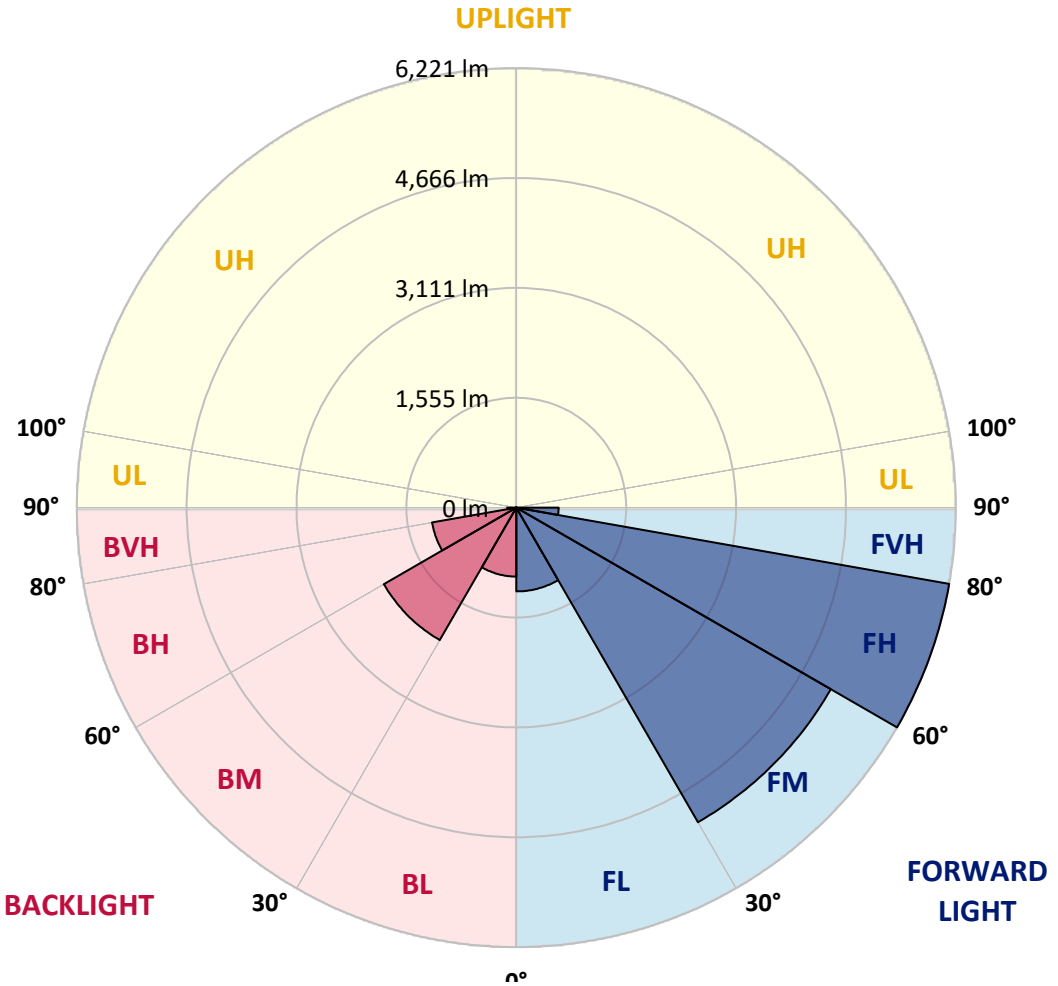
Scaled Data Report

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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1185.8	6.7			
FM	(30°-60°)	5142.0	29.2			
FH	(60°-80°)	6221.3	35.3			G3/7500
FVH	(80°-90°)	599.5	3.4			G4/750
BL	(0°-30°)	975.7	5.5	B2/1000		
BM	(30°-60°)	2165.2	12.3	B2/2500		
BH	(60°-80°)	1211.3	6.9	B3/2500		G3/2500
BVH	(80°-90°)	128.2	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	*2424.1*	2424.1
2.5°	2606.9	2616.8	2626.7	2640.8	2654.8	2663.2	2671.6	2675.8	2679.9	*2678.1*	2679.9
5°	2803.2	2837.7	2872.3	2906.5	2940.9	2959.5	2978.1	2989.3	3000.7	*3009.2*	3000.7
7.5°	3000.4	3056.6	3112.7	3163.2	3213.7	3244.1	3274.5	3291.0	3307.4	*3315.3*	3307.4
10°	3151.6	3218.0	3284.4	3343.7	3402.9	3438.8	3474.5	3490.5	3506.4	*3512.5*	3506.4
12.5°	3244.1	3316.1	3388.0	3441.6	3495.0	3521.0	3547.1	3555.8	3564.6	*3565.5*	3564.6
15°	3300.4	3362.5	3424.6	3458.2	3491.8	3492.8	3493.7	3484.4	3475.1	*3464.1*	3475.1
17.5°	3332.0	3374.0	3415.9	3416.6	3417.1	3379.5	3341.8	3307.3	3272.7	*3248.3*	3272.7
20°	3366.9	3381.5	3396.2	3352.0	3307.8	3224.7	3141.5	3081.0	3020.4	*2983.2*	3020.4
22.5°	3407.4	3388.2	3369.1	3277.5	3186.0	3063.7	2941.3	2865.6	2789.9	*2748.8*	2789.9
25°	3459.5	3399.0	3338.5	3199.6	3060.6	2912.0	2763.5	2683.9	2604.4	*2565.5*	2604.4
27.5°	3530.2	3422.1	3313.9	3129.8	2945.8	2781.2	2616.5	2538.2	2460.0	*2423.2*	2460.0
30°	3625.5	3464.3	3303.2	3076.6	2850.0	2678.5	2506.9	2434.3	2361.6	*2327.4*	2361.6
32.5°	3738.1	3517.3	3296.7	3040.3	2783.9	2622.7	2461.5	2404.5	2347.4	*2322.7*	2347.4
35°	3874.8	3604.7	3334.6	3067.5	2800.4	2688.4	2576.5	2563.2	2549.9	*2547.9*	2549.9
37.5°	4105.0	3787.3	3469.5	3226.7	2983.9	2976.7	2969.4	3030.3	3091.1	*3122.7*	3091.1
40°	4452.9	4107.4	3761.8	3581.2	3400.7	3528.1	3655.6	3803.5	3951.4	*4025.0*	3951.4
42.5°	4914.3	4571.4	4228.6	4124.6	4020.6	4298.5	4576.5	4845.5	5114.5	*5272.5*	5114.5
45°	5484.1	5176.1	4868.0	4822.1	4776.2	5221.5	5666.9	6108.9	6551.0	*6819.4*	6551.0
47.5°	6196.6	5897.0	5597.3	5588.0	5578.7	6221.1	6863.3	7510.5	8157.5	*8537.5*	8157.5
50°	7130.6	6760.4	6390.4	6392.0	6393.6	7221.4	8049.3	8903.5	9757.8	*10274.2*	9757.8
52.5°	8202.6	7754.5	7306.4	7261.1	7215.7	8204.6	9193.5	10250.4	11307.2	*11926.3*	11307.2
55°	9344.0	8901.2	8458.4	8281.8	8105.1	9205.8	10306.3	11566.3	12826.3	*13562.5*	12826.3
57.5°	10382.1	10141.0	9899.8	9545.5	9191.3	10302.6	11413.9	12841.1	14268.1	*15181.1*	14268.1
60°	11009.6	11384.1	11758.7	11318.7	10878.7	11930.4	12982.1	14510.0	16038.0	*17024.8*	16038.0
62.5°	10691.0	11714.3	12737.6	12688.0	12638.4	13601.8	14565.3	16019.0	17472.7	*18384.8*	17472.7
65°	*10053.3*	*11013.7*	*11974.2*	*12164.2*	*12354.2*	*13578.5*	*14803.0*	*16212.6*	*17622.2*	*18398.7*	*17622.2*
67.5°	9198.9	10112.4	11025.8	11114.9	11204.0	12479.7	13755.3	15171.0	16586.7	*17195.0*	16586.7
70°	8172.4	9166.0	10159.6	10199.4	10239.3	11380.2	12520.9	13739.2	14957.4	*15295.5*	14957.4
72.5°	6949.2	8089.3	9229.6	9258.2	9286.8	10179.3	11071.9	11984.3	12896.7	*12930.9*	12896.7
75°	5401.8	6581.8	7761.9	7867.8	7973.8	8668.2	9362.6	10004.9	10647.2	*10475.1*	10647.2
77.5°	3859.5	4961.0	6062.7	6214.3	6365.9	6893.8	7421.7	7877.2	8332.9	*8037.1*	8332.9
80°	2526.0	3452.8	4379.5	4567.9	4756.4	5155.1	5553.6	5792.8	6032.0	*5556.2*	6032.0
82.5°	1468.3	2101.9	2735.6	2946.1	3156.7	3431.1	3705.5	3805.3	3905.0	*3531.1*	3905.0
85°	646.0	982.3	1318.6	1497.6	1676.7	1902.2	2127.6	2184.2	2240.9	*1941.4*	2240.9
87.5°	200.0	313.0	426.0	525.9	625.8	738.6	851.3	856.2	860.9	*722.8*	860.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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Scaled Data Report

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1
2.5°	2675.8	2671.6	2663.2	2654.8	2640.8	2626.7	2616.8	2606.9	2586.9	2566.9	2545.6
5°	2989.3	2978.1	2959.5	2940.9	2906.5	2872.3	2837.7	2803.2	2759.0	2714.8	2670.7
7.5°	3291.0	3274.5	3244.1	3213.7	3163.2	3112.7	3056.6	3000.4	2927.5	2854.6	2787.3
10°	3490.5	3474.5	3438.8	3402.9	3343.7	3284.4	3218.0	3151.6	3059.4	2967.2	2878.2
12.5°	3555.8	3547.1	3521.0	3495.0	3441.6	3388.0	3316.1	3244.1	3142.8	3041.6	2940.8
15°	3484.4	3493.7	3492.8	3491.8	3458.2	3424.6	3362.5	3300.4	3194.8	3089.2	2979.8
17.5°	3307.3	3341.8	3379.5	3417.1	3416.6	3415.9	3374.0	3332.0	3225.0	3117.9	2998.5
20°	3081.0	3141.5	3224.7	3307.8	3352.0	3396.2	3381.5	3366.9	3255.7	3144.3	3013.2
22.5°	2865.6	2941.3	3063.7	3186.0	3277.5	3369.1	3388.2	3407.4	3293.7	3179.9	3032.9
25°	2683.9	2763.5	2912.0	3060.6	3199.6	3338.5	3399.0	3459.5	3348.0	3236.7	3068.6
27.5°	2538.2	2616.5	2781.2	2945.8	3129.8	3313.9	3422.1	3530.2	3423.9	3317.6	3124.4
30°	2434.3	2506.9	2678.5	2850.0	3076.6	3303.2	3464.3	3625.5	3522.8	3420.2	3196.7
32.5°	2404.5	2461.5	2622.7	2783.9	3040.3	3296.7	3517.3	3738.1	3636.4	3534.8	3272.1
35°	2563.2	2576.5	2688.4	2800.4	3067.5	3334.6	3604.7	3874.8	3777.5	3680.1	3358.1
37.5°	3030.3	2969.4	2976.7	2983.9	3226.7	3469.5	3787.3	4105.0	3980.9	3856.9	3454.4
40°	3803.5	3655.6	3528.1	3400.7	3581.2	3761.8	4107.4	4452.9	4272.1	4091.3	3576.6
42.5°	4845.5	4576.5	4298.5	4020.6	4124.6	4228.6	4571.4	4914.3	4653.3	4392.3	3736.5
45°	6108.9	5666.9	5221.5	4776.2	4822.1	4868.0	5176.1	5484.1	5132.0	4779.9	3946.9
47.5°	7510.5	6863.3	6221.1	5578.7	5588.0	5597.3	5897.0	6196.6	5701.1	5205.5	4171.1
50°	8903.5	8049.3	7221.4	6393.6	6392.0	6390.4	6760.4	7130.6	6383.5	5636.4	4379.1
52.5°	10250.4	9193.5	8204.6	7215.7	7261.1	7306.4	7754.5	8202.6	7100.3	5998.0	4514.1
55°	11566.3	10306.3	9205.8	8105.1	8281.8	8458.4	8901.2	9344.0	7735.9	6127.8	4484.4
57.5°	12841.1	11413.9	10302.6	9191.3	9545.5	9899.8	10141.0	10382.1	8186.3	5990.4	4274.9
60°	14510.0	12982.1	11930.4	10878.7	11318.7	11758.7	11384.1	11009.6	8298.8	5588.0	3885.0
62.5°	16019.0	14565.3	13601.8	12638.4	12688.0	12737.6	11714.3	10691.0	7824.9	4958.8	3357.9
65°	*16212.6*	*14803.0*	*13578.5*	*12354.2*	*12164.2*	*11974.2*	*11013.7*	*10053.3*	*7154.3*	*4255.3*	*2820.0*
67.5°	15171.0	13755.3	12479.7	11204.0	11114.9	11025.8	10112.4	9198.9	6356.2	3513.6	2293.2
70°	13739.2	12520.9	11380.2	10239.3	10199.4	10159.6	9166.0	8172.4	5485.5	2798.6	1805.5
72.5°	11984.3	11071.9	10179.3	9286.8	9258.2	9229.6	8089.3	6949.2	4541.5	2133.9	1380.3
75°	10004.9	9362.6	8668.2	7973.8	7867.8	7761.9	6581.8	5401.8	3459.4	1517.0	1001.8
77.5°	7877.2	7421.7	6893.8	6365.9	6214.3	6062.7	4961.0	3859.5	2421.3	983.1	678.9
80°	5792.8	5553.6	5155.1	4756.4	4567.9	4379.5	3452.8	2526.0	1560.0	593.9	437.4
82.5°	3805.3	3705.5	3431.1	3156.7	2946.1	2735.6	2101.9	1468.3	902.9	337.5	269.0
85°	2184.2	2127.6	1902.2	1676.7	1497.6	1318.6	982.3	646.0	406.1	166.3	143.8
87.5°	856.2	851.3	738.6	625.8	525.9	426.0	313.0	200.0	133.0	66.0	59.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1
2.5°	2524.4	2503.0	2481.6	2461.2	2440.7	2420.9	2398.8	2381.0	2363.2	2347.1	2331.1
5°	2626.7	2582.4	2538.1	2496.7	2455.3	2416.2	2377.6	2344.0	2310.2	2281.9	2253.7
7.5°	2719.9	2654.4	2588.8	2531.0	2473.3	2420.0	2370.0	2325.2	2280.4	2243.2	2206.0
10°	2789.2	2709.6	2629.9	2561.6	2493.2	2427.4	2373.7	2326.5	2279.2	2242.0	2204.8
12.5°	2839.9	2746.0	2652.0	2574.7	2497.4	2428.3	2378.4	2339.7	2301.2	2276.4	2251.9
15°	2870.5	2762.3	2654.1	2564.6	2475.1	2398.6	2358.6	2340.0	2321.6	2325.0	2328.3
17.5°	2879.2	2753.6	2628.0	2520.4	2412.8	2322.7	2298.1	2304.9	2311.6	2352.1	2392.7
20°	2882.0	2729.8	2577.6	2444.2	2310.8	2206.0	2199.5	2231.1	2262.7	2333.2	2403.7
22.5°	2885.7	2700.6	2515.5	2354.8	2194.2	2074.8	2087.6	2134.4	2181.2	2261.5	2342.1
25°	2900.4	2671.8	2443.2	2255.0	2066.9	1944.6	1979.0	2033.0	2086.9	2159.2	2231.6
27.5°	2931.1	2652.5	2373.9	2163.8	1953.6	1842.3	1884.1	1936.2	1988.3	2047.8	2107.1
30°	2973.2	2643.5	2313.6	2087.5	1861.4	1767.9	1800.7	1842.0	1883.5	1932.8	1982.1
32.5°	3009.4	2632.3	2255.0	2021.7	1788.3	1713.0	1727.6	1752.1	1776.5	1815.9	1855.3
35°	3036.0	2611.3	2186.7	1957.1	1727.4	1664.6	1658.6	1665.3	1672.1	1702.1	1732.1
37.5°	3051.8	2575.3	2098.8	1881.0	1663.2	1608.3	1586.2	1578.8	1571.3	1592.9	1614.4
40°	3061.8	2525.7	1989.7	1790.2	1590.7	1540.9	1506.9	1490.1	1473.3	1488.8	1504.3
42.5°	3080.7	2474.6	1868.6	1690.0	1511.4	1465.6	1422.8	1400.4	1378.1	1390.8	1403.5
45°	3113.9	2427.0	1740.2	1583.6	1426.9	1380.4	1339.0	1317.3	1295.6	1306.2	1317.0
47.5°	3136.7	2387.8	1638.9	1499.4	1360.0	1300.0	1264.3	1246.1	1227.9	1237.9	1247.9
50°	3121.8	2345.0	1568.2	1443.5	1318.9	1240.0	1198.6	1182.4	1166.3	1181.9	1197.7
52.5°	3030.2	2272.7	1515.3	1406.7	1298.1	1207.4	1149.6	1133.6	1117.7	1141.2	1164.6
55°	2840.9	2152.9	1464.9	1380.0	1295.0	1210.7	1123.5	1098.2	1073.0	1106.4	1139.7
57.5°	2559.5	1984.0	1408.3	1348.3	1288.3	1213.9	1107.9	1071.0	1034.2	1070.1	1106.0
60°	2182.1	1764.6	1347.1	1300.0	1252.8	1203.7	1093.2	1045.5	997.7	1029.2	1060.6
62.5°	1757.0	1502.1	1247.2	1215.9	1184.6	1178.6	1076.1	1016.4	956.7	976.7	996.7
65°	*1384.9*	*1265.9*	*1147.0*	*1132.2*	*1117.4*	*1118.1*	*1040.0*	*976.5*	*913.0*	*920.7*	*928.4*
67.5°	1072.7	1039.0	1005.1	1013.4	1021.6	1019.5	975.6	922.8	869.9	867.5	865.1
70°	812.5	822.2	831.8	870.1	908.4	908.4	893.9	856.4	818.8	810.4	802.0
72.5°	626.8	655.9	685.1	739.4	793.7	802.8	803.0	777.2	751.4	739.1	727.0
75°	486.7	513.1	539.5	600.4	661.2	703.2	699.7	679.9	660.0	648.3	636.5
77.5°	374.7	392.6	410.7	469.8	528.8	598.1	596.3	580.4	564.5	552.5	540.6
80°	280.9	288.4	295.8	345.9	395.8	478.6	478.3	465.0	451.6	441.7	431.6
82.5°	200.7	202.0	203.5	240.4	277.2	347.9	351.8	345.3	338.8	331.7	324.6
85°	121.4	120.7	120.0	147.0	174.0	226.5	231.6	224.6	217.7	209.8	201.9
87.5°	53.2	52.6	51.9	62.9	74.0	95.8	102.3	99.5	96.7	95.3	93.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1
2.5°	2317.1	2303.0	2288.9	2274.8	2264.0	2253.0	2244.1	2235.3	2228.4	2221.5	2215.2
5°	2228.8	2203.9	2181.3	2158.6	2141.2	2123.7	2111.5	2099.3	2090.7	2082.0	2075.4
7.5°	2174.7	2143.2	2115.5	2087.9	2067.1	2046.5	2032.0	2017.4	2007.5	1997.6	1991.7
10°	2171.0	2137.2	2106.0	2074.8	2050.1	2025.3	2009.1	1992.7	1983.3	1973.9	1968.9
12.5°	2225.3	2198.8	2166.6	2134.4	2102.8	2071.1	2050.2	2029.3	2018.8	2008.3	2004.1
15°	2321.4	2314.6	2286.6	2258.6	2213.5	2168.5	2136.7	2104.9	2090.3	2075.8	2070.2
17.5°	2414.3	2435.8	2413.2	2390.7	2331.0	2271.4	2224.5	2177.6	2156.1	2134.4	2127.3
20°	2448.8	2493.9	2483.5	2473.0	2404.8	2336.7	2279.2	2221.8	2194.2	2166.5	2157.6
22.5°	2400.8	2459.5	2465.8	2472.0	2406.9	2341.8	2282.7	2223.4	2194.3	2165.1	2155.3
25°	2289.4	2347.1	2368.7	2390.2	2336.8	2283.5	2230.8	2178.4	2153.1	2127.9	2118.7
27.5°	2153.4	2199.8	2223.8	2247.9	2209.8	2171.9	2131.0	2090.2	2073.3	2056.2	2052.1
30°	2020.5	2059.0	2078.6	2098.1	2069.2	2040.1	2010.9	1981.5	1972.9	1964.1	1964.1
32.5°	1892.1	1929.1	1950.8	1972.5	1945.9	1919.2	1895.9	1872.5	1866.8	1861.2	1861.9
35°	1768.5	1805.1	1831.1	1857.2	1838.2	1819.3	1797.7	1776.2	1767.6	1759.0	1757.2
37.5°	1650.8	1687.2	1719.4	1751.6	1742.9	1734.1	1714.3	1694.4	1678.7	1663.0	1654.8
40°	1539.5	1574.7	1611.7	1648.8	1650.9	1653.0	1636.2	1619.3	1596.4	1573.7	1558.3
42.5°	1436.8	1470.2	1510.2	1550.2	1560.9	1571.6	1557.4	1543.2	1514.9	1486.5	1464.1
45°	1348.6	1380.3	1421.7	1463.2	1478.6	1493.9	1481.1	1468.3	1435.9	1403.5	1377.2
47.5°	1278.9	1309.7	1350.7	1391.6	1409.3	1426.9	1418.0	1409.1	1380.3	1351.4	1327.0
50°	1226.9	1256.0	1292.6	1329.3	1352.0	1374.7	1374.1	1373.7	1350.7	1327.6	1305.1
52.5°	1191.4	1218.1	1252.3	1286.5	1313.4	1340.3	1345.1	1349.9	1331.1	1312.3	1292.2
55°	1168.5	1197.4	1227.3	1257.2	1285.6	1314.2	1320.9	1327.6	1311.2	1294.9	1277.2
57.5°	1139.9	1173.7	1203.3	1233.0	1261.7	1290.4	1297.2	1304.0	1287.4	1270.9	1253.4
60°	1099.5	1138.4	1168.4	1198.6	1227.4	1256.3	1263.7	1271.1	1255.0	1238.9	1220.8
62.5°	1042.0	1087.4	1119.5	1151.6	1178.0	1204.4	1211.6	1218.8	1204.2	1189.6	1170.6
65°	*976.9*	*1025.6*	*1056.3*	*1087.0*	*1110.2*	*1133.5*	*1140.8*	*1148.1*	*1134.0*	*1120.0*	*1101.6*
67.5°	909.9	954.9	984.0	1013.0	1033.1	1053.2	1060.4	1067.4	1054.5	1041.7	1024.5
70°	841.5	880.9	906.0	931.1	949.3	967.4	974.3	981.2	970.7	960.2	943.8
72.5°	758.0	789.0	811.7	834.4	852.2	869.9	878.1	886.3	877.6	868.8	853.2
75°	659.5	682.6	703.1	723.7	739.9	756.1	764.6	773.2	768.9	764.6	751.5
77.5°	559.4	578.1	595.8	613.5	630.5	647.4	655.4	663.4	657.5	651.3	638.1
80°	447.2	462.8	477.7	492.5	505.5	518.3	528.9	539.5	536.9	534.4	516.6
82.5°	323.3	322.0	316.8	311.6	339.2	366.7	384.7	402.8	401.7	400.5	385.5
85°	195.2	188.4	174.0	159.5	185.3	211.2	233.5	255.8	253.9	252.1	240.4
87.5°	93.5	93.2	82.2	71.2	82.0	92.8	101.9	110.9	108.6	106.2	100.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P1203841
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1
2.5°	2208.8	2200.9	2208.8	2215.2	2221.5	2228.4	2235.3	2244.1	2253.0	2264.0	2274.8
5°	2068.8	2062.3	2068.8	2075.4	2082.0	2090.7	2099.3	2111.5	2123.7	2141.2	2158.6
7.5°	1985.8	1981.4	1985.8	1991.7	1997.6	2007.5	2017.4	2032.0	2046.5	2067.1	2087.9
10°	1963.9	1961.8	1963.9	1968.9	1973.9	1983.3	1992.7	2009.1	2025.3	2050.1	2074.8
12.5°	1999.8	1999.0	1999.8	2004.1	2008.3	2018.8	2029.3	2050.2	2071.1	2102.8	2134.4
15°	2064.6	2064.1	2064.6	2070.2	2075.8	2090.3	2104.9	2136.7	2168.5	2213.5	2258.6
17.5°	2120.1	2119.0	2120.1	2127.3	2134.4	2156.1	2177.6	2224.5	2271.4	2331.0	2390.7
20°	2148.8	2146.0	2148.8	2157.6	2166.5	2194.2	2221.8	2279.2	2336.7	2404.8	2473.0
22.5°	2145.5	2141.4	2145.5	2155.3	2165.1	2194.3	2223.4	2282.7	2341.8	2406.9	2472.0
25°	2109.5	2104.1	2109.5	2118.7	2127.9	2153.1	2178.4	2230.8	2283.5	2336.8	2390.2
27.5°	2047.9	2046.5	2047.9	2052.1	2056.2	2073.3	2090.2	2131.0	2171.9	2209.8	2247.9
30°	1964.1	1965.5	1964.1	1964.1	1964.1	1972.9	1981.5	2010.9	2040.1	2069.2	2098.1
32.5°	1862.8	1864.2	1862.8	1861.9	1861.2	1866.8	1872.5	1895.9	1919.2	1945.9	1972.5
35°	1755.3	1754.4	1755.3	1757.2	1759.0	1767.6	1776.2	1797.7	1819.3	1838.2	1857.2
37.5°	1646.5	1641.8	1646.5	1654.8	1663.0	1678.7	1694.4	1714.3	1734.1	1742.9	1751.6
40°	1543.0	1533.9	1543.0	1558.3	1573.7	1596.4	1619.3	1636.2	1653.0	1650.9	1648.8
42.5°	1441.6	1426.9	1441.6	1464.1	1486.5	1514.9	1543.2	1557.4	1571.6	1560.9	1550.2
45°	1350.9	1333.9	1350.9	1377.2	1403.5	1435.9	1468.3	1481.1	1493.9	1478.6	1463.2
47.5°	1302.8	1286.5	1302.8	1327.0	1351.4	1380.3	1409.1	1418.0	1426.9	1409.3	1391.6
50°	1282.6	1267.0	1282.6	1305.1	1327.6	1350.7	1373.7	1374.1	1374.7	1352.0	1329.3
52.5°	1272.1	1257.7	1272.1	1292.2	1312.3	1331.1	1349.9	1345.1	1340.3	1313.4	1286.5
55°	1259.5	1246.5	1259.5	1277.2	1294.9	1311.2	1327.6	1320.9	1314.2	1285.6	1257.2
57.5°	1235.8	1222.3	1235.8	1253.4	1270.9	1287.4	1304.0	1297.2	1290.4	1261.7	1233.0
60°	1202.8	1188.8	1202.8	1220.8	1238.9	1255.0	1271.1	1263.7	1256.3	1227.4	1198.6
62.5°	1151.6	1134.9	1151.6	1170.6	1189.6	1204.2	1218.8	1211.6	1204.4	1178.0	1151.6
65°	*1083.2*	*1068.8*	*1083.2*	*1101.6*	*1120.0*	*1134.0*	*1148.1*	*1140.8*	*1133.5*	*1110.2*	*1087.0*
67.5°	1007.4	994.4	1007.4	1024.5	1041.7	1054.5	1067.4	1060.4	1053.2	1033.1	1013.0
70°	927.4	912.5	927.4	943.8	960.2	970.7	981.2	974.3	967.4	949.3	931.1
72.5°	837.7	823.2	837.7	853.2	868.8	877.6	886.3	878.1	869.9	852.2	834.4
75°	738.4	724.6	738.4	751.5	764.6	768.9	773.2	764.6	756.1	739.9	723.7
77.5°	624.9	613.9	624.9	638.1	651.3	657.5	663.4	655.4	647.4	630.5	613.5
80°	498.8	478.1	498.8	516.6	534.4	536.9	539.5	528.9	518.3	505.5	492.5
82.5°	370.4	357.2	370.4	385.5	400.5	401.7	402.8	384.7	366.7	339.2	311.6
85°	228.6	216.7	228.6	240.4	252.1	253.9	255.8	233.5	211.2	185.3	159.5
87.5°	94.1	88.4	94.1	100.3	106.2	108.6	110.9	101.9	92.8	82.0	71.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1
2.5°	2288.9	2303.0	2317.1	2331.1	2347.1	2363.2	2381.0	2398.8	2420.9	2440.7	2461.2
5°	2181.3	2203.9	2228.8	2253.7	2281.9	2310.2	2344.0	2377.6	2416.2	2455.3	2496.7
7.5°	2115.5	2143.2	2174.7	2206.0	2243.2	2280.4	2325.2	2370.0	2420.0	2473.3	2531.0
10°	2106.0	2137.2	2171.0	2204.8	2242.0	2279.2	2326.5	2373.7	2427.4	2493.2	2561.6
12.5°	2166.6	2198.8	2225.3	2251.9	2276.4	2301.2	2339.7	2378.4	2428.3	2497.4	2574.7
15°	2286.6	2314.6	2321.4	2328.3	2325.0	2321.6	2340.0	2358.6	2398.6	2475.1	2564.6
17.5°	2413.2	2435.8	2414.3	2392.7	2352.1	2311.6	2304.9	2298.1	2322.7	2412.8	2520.4
20°	2483.5	2493.9	2448.8	2403.7	2333.2	2262.7	2231.1	2199.5	2206.0	2310.8	2444.2
22.5°	2465.8	2459.5	2400.8	2342.1	2261.5	2181.2	2134.4	2087.6	2074.8	2194.2	2354.8
25°	2368.7	2347.1	2289.4	2231.6	2159.2	2086.9	2033.0	1979.0	1944.6	2066.9	2255.0
27.5°	2223.8	2199.8	2153.4	2107.1	2047.8	1988.3	1936.2	1884.1	1842.3	1953.6	2163.8
30°	2078.6	2059.0	2020.5	1982.1	1932.8	1883.5	1842.0	1800.7	1767.9	1861.4	2087.5
32.5°	1950.8	1929.1	1892.1	1855.3	1815.9	1776.5	1752.1	1727.6	1713.0	1788.3	2021.7
35°	1831.1	1805.1	1768.5	1732.1	1702.1	1672.1	1665.3	1658.6	1664.6	1727.4	1957.1
37.5°	1719.4	1687.2	1650.8	1614.4	1592.9	1571.3	1578.8	1586.2	1608.3	1663.2	1881.0
40°	1611.7	1574.7	1539.5	1504.3	1488.8	1473.3	1490.1	1506.9	1540.9	1590.7	1790.2
42.5°	1510.2	1470.2	1436.8	1403.5	1390.8	1378.1	1400.4	1422.8	1465.6	1511.4	1690.0
45°	1421.7	1380.3	1348.6	1317.0	1306.2	1295.6	1317.3	1339.0	1380.4	1426.9	1583.6
47.5°	1350.7	1309.7	1278.9	1247.9	1237.9	1227.9	1246.1	1264.3	1300.0	1360.0	1499.4
50°	1292.6	1256.0	1226.9	1197.7	1181.9	1166.3	1182.4	1198.6	1240.0	1318.9	1443.5
52.5°	1252.3	1218.1	1191.4	1164.6	1141.2	1117.7	1133.6	1149.6	1207.4	1298.1	1406.7
55°	1227.3	1197.4	1168.5	1139.7	1106.4	1073.0	1098.2	1123.5	1210.7	1295.0	1380.0
57.5°	1203.3	1173.7	1139.9	1106.0	1070.1	1034.2	1071.0	1107.9	1213.9	1288.3	1348.3
60°	1168.4	1138.4	1099.5	1060.6	1029.2	997.7	1045.5	1093.2	1203.7	1252.8	1300.0
62.5°	1119.5	1087.4	1042.0	996.7	976.7	956.7	1016.4	1076.1	1178.6	1184.6	1215.9
65°	*1056.3*	*1025.6*	*976.9*	*928.4*	*920.7*	*913.0*	*976.5*	*1040.0*	*1118.1*	*1117.4*	*1132.2*
67.5°	984.0	954.9	909.9	865.1	867.5	869.9	922.8	975.6	1019.5	1021.6	1013.4
70°	906.0	880.9	841.5	802.0	810.4	818.8	856.4	893.9	908.4	908.4	870.1
72.5°	811.7	789.0	758.0	727.0	739.1	751.4	777.2	803.0	802.8	793.7	739.4
75°	703.1	682.6	659.5	636.5	648.3	660.0	679.9	699.7	703.2	661.2	600.4
77.5°	595.8	578.1	559.4	540.6	552.5	564.5	580.4	596.3	598.1	528.8	469.8
80°	477.7	462.8	447.2	431.6	441.7	451.6	465.0	478.3	478.6	395.8	345.9
82.5°	316.8	322.0	323.3	324.6	331.7	338.8	345.3	351.8	347.9	277.2	240.4
85°	174.0	188.4	195.2	201.9	209.8	217.7	224.6	231.6	226.5	174.0	147.0
87.5°	82.2	93.2	93.5	93.8	95.3	96.7	99.5	102.3	95.8	74.0	62.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1	2424.1
2.5°	2481.6	2503.0	2524.4	2545.6	2566.9	2586.9	2606.9
5°	2538.1	2582.4	2626.7	2670.7	2714.8	2759.0	2803.2
7.5°	2588.8	2654.4	2719.9	2787.3	2854.6	2927.5	3000.4
10°	2629.9	2709.6	2789.2	2878.2	2967.2	3059.4	3151.6
12.5°	2652.0	2746.0	2839.9	2940.8	3041.6	3142.8	3244.1
15°	2654.1	2762.3	2870.5	2979.8	3089.2	3194.8	3300.4
17.5°	2628.0	2753.6	2879.2	2998.5	3117.9	3225.0	3332.0
20°	2577.6	2729.8	2882.0	3013.2	3144.3	3255.7	3366.9
22.5°	2515.5	2700.6	2885.7	3032.9	3179.9	3293.7	3407.4
25°	2443.2	2671.8	2900.4	3068.6	3236.7	3348.0	3459.5
27.5°	2373.9	2652.5	2931.1	3124.4	3317.6	3423.9	3530.2
30°	2313.6	2643.5	2973.2	3196.7	3420.2	3522.8	3625.5
32.5°	2255.0	2632.3	3009.4	3272.1	3534.8	3636.4	3738.1
35°	2186.7	2611.3	3036.0	3358.1	3680.1	3777.5	3874.8
37.5°	2098.8	2575.3	3051.8	3454.4	3856.9	3980.9	4105.0
40°	1989.7	2525.7	3061.8	3576.6	4091.3	4272.1	4452.9
42.5°	1868.6	2474.6	3080.7	3736.5	4392.3	4653.3	4914.3
45°	1740.2	2427.0	3113.9	3946.9	4779.9	5132.0	5484.1
47.5°	1638.9	2387.8	3136.7	4171.1	5205.5	5701.1	6196.6
50°	1568.2	2345.0	3121.8	4379.1	5636.4	6383.5	7130.6
52.5°	1515.3	2272.7	3030.2	4514.1	5998.0	7100.3	8202.6
55°	1464.9	2152.9	2840.9	4484.4	6127.8	7735.9	9344.0
57.5°	1408.3	1984.0	2559.5	4274.9	5990.4	8186.3	10382.1
60°	1347.1	1764.6	2182.1	3885.0	5588.0	8298.8	11009.6
62.5°	1247.2	1502.1	1757.0	3357.9	4958.8	7824.9	10691.0
65°	*1147.0*	*1265.9*	*1384.9*	*2820.0*	*4255.3*	*7154.3*	*10053.3*
67.5°	1005.1	1039.0	1072.7	2293.2	3513.6	6356.2	9198.9
70°	831.8	822.2	812.5	1805.5	2798.6	5485.5	8172.4
72.5°	685.1	655.9	626.8	1380.3	2133.9	4541.5	6949.2
75°	539.5	513.1	486.7	1001.8	1517.0	3459.4	5401.8
77.5°	410.7	392.6	374.7	678.9	983.1	2421.3	3859.5
80°	295.8	288.4	280.9	437.4	593.9	1560.0	2526.0
82.5°	203.5	202.0	200.7	269.0	337.5	902.9	1468.3
85°	120.0	120.7	121.4	143.8	166.3	406.1	646.0
87.5°	51.9	52.6	53.2	59.6	66.0	133.0	200.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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