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: P1198304

Luminaire Tested: GPC-SB1C-735-U-T2R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198304
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7669 lumens
Efficiency:	N/A
Efficacy:	141.0 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

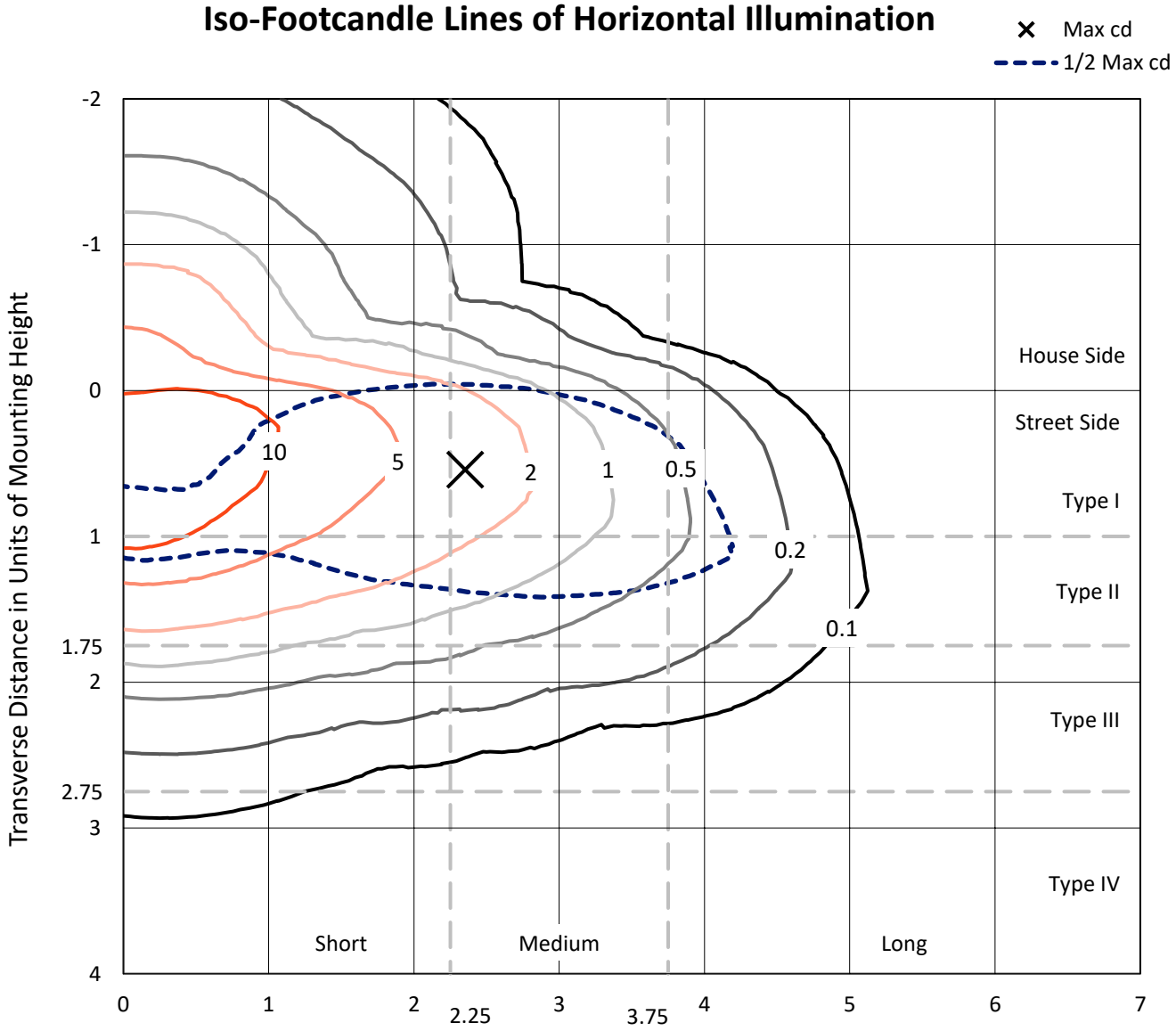


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Iso-Footcandle Lines of Horizontal Illumination



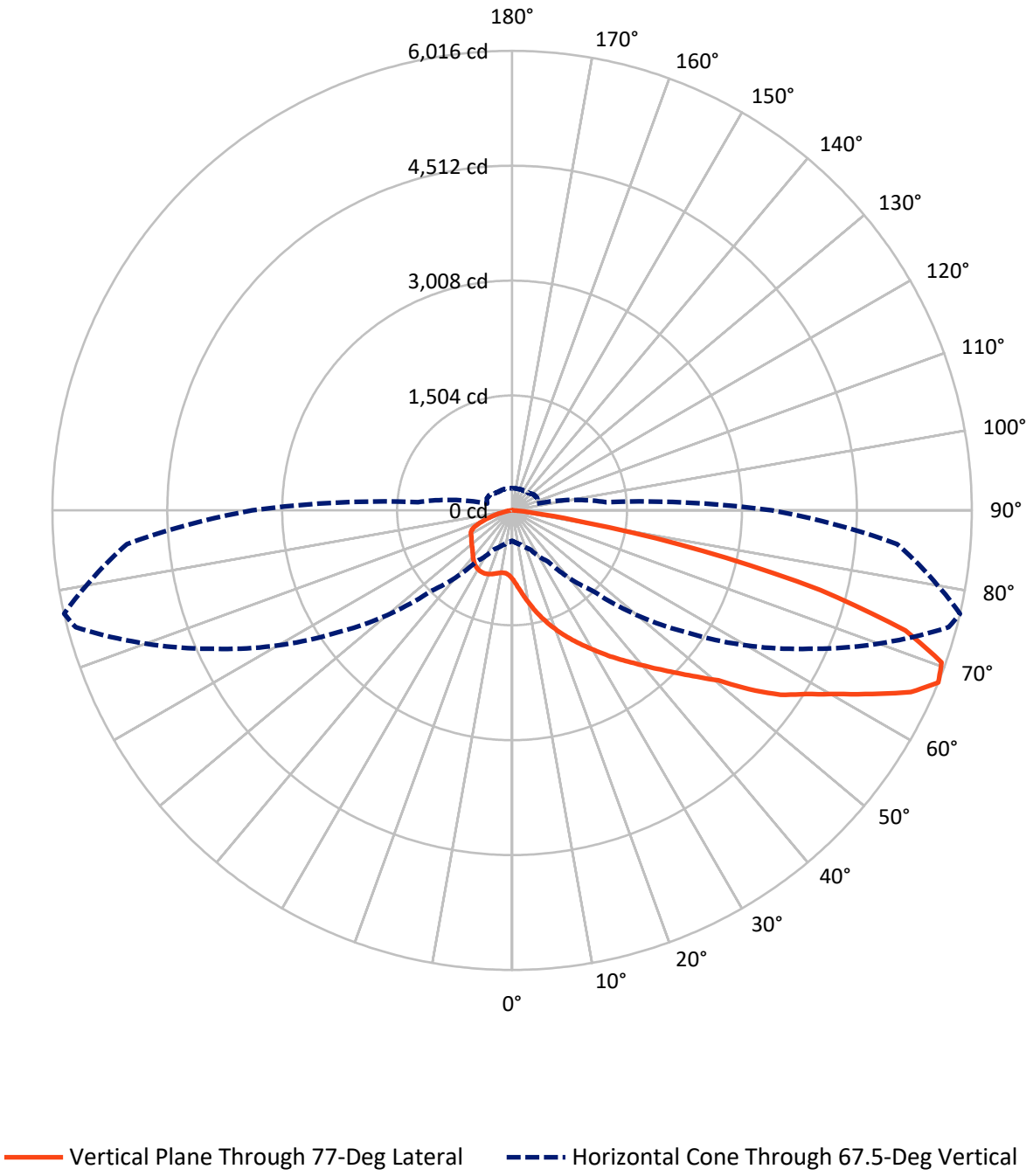
Based on 10 foot mounting height. Maximum calculated value = 17.6 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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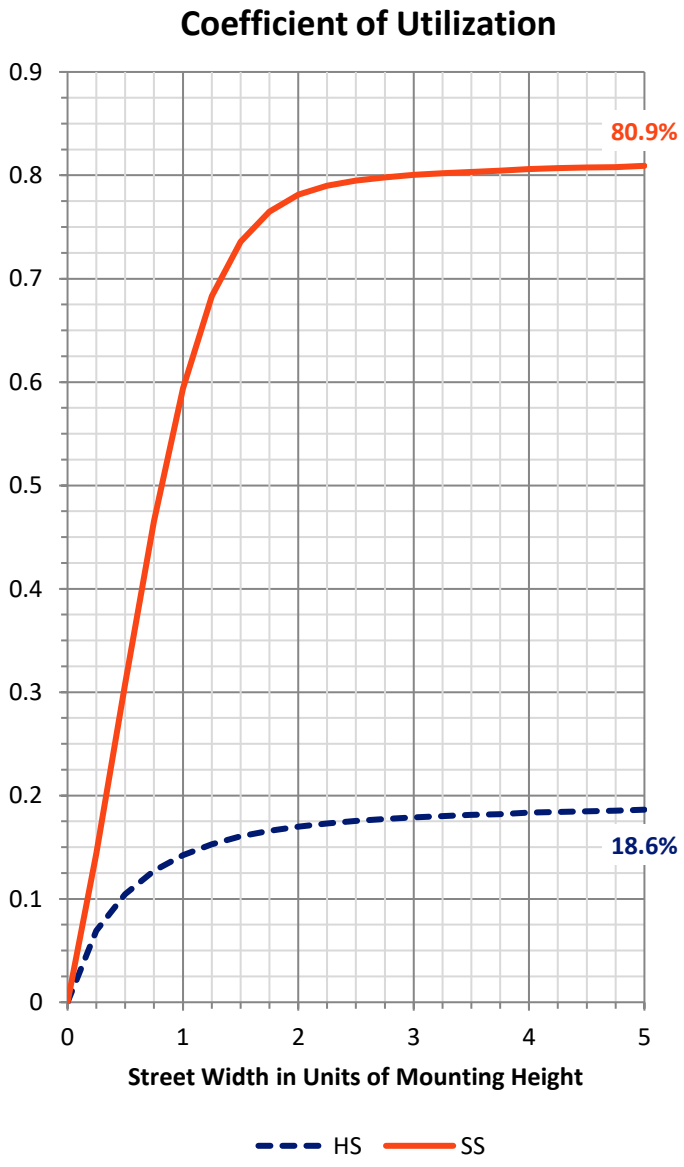
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1450.7	0.0	1450.7
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	6218.3	0.0	6218.3
	% Fixture	81.1	0.0	81.1
Total	Lumens	7669.0	0.0	7669.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.4	1.3
10°-20°	346.5	4.5
20°-30°	654.2	8.5
30°-40°	1053.9	13.7
40°-50°	1441.6	18.8
50°-60°	1626.1	21.2
60°-70°	1517.8	19.8
70°-80°	832.0	10.8
80°-90°	100.4	1.3
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°	7669.0	100.0
0°-180°	7669.0	100.0



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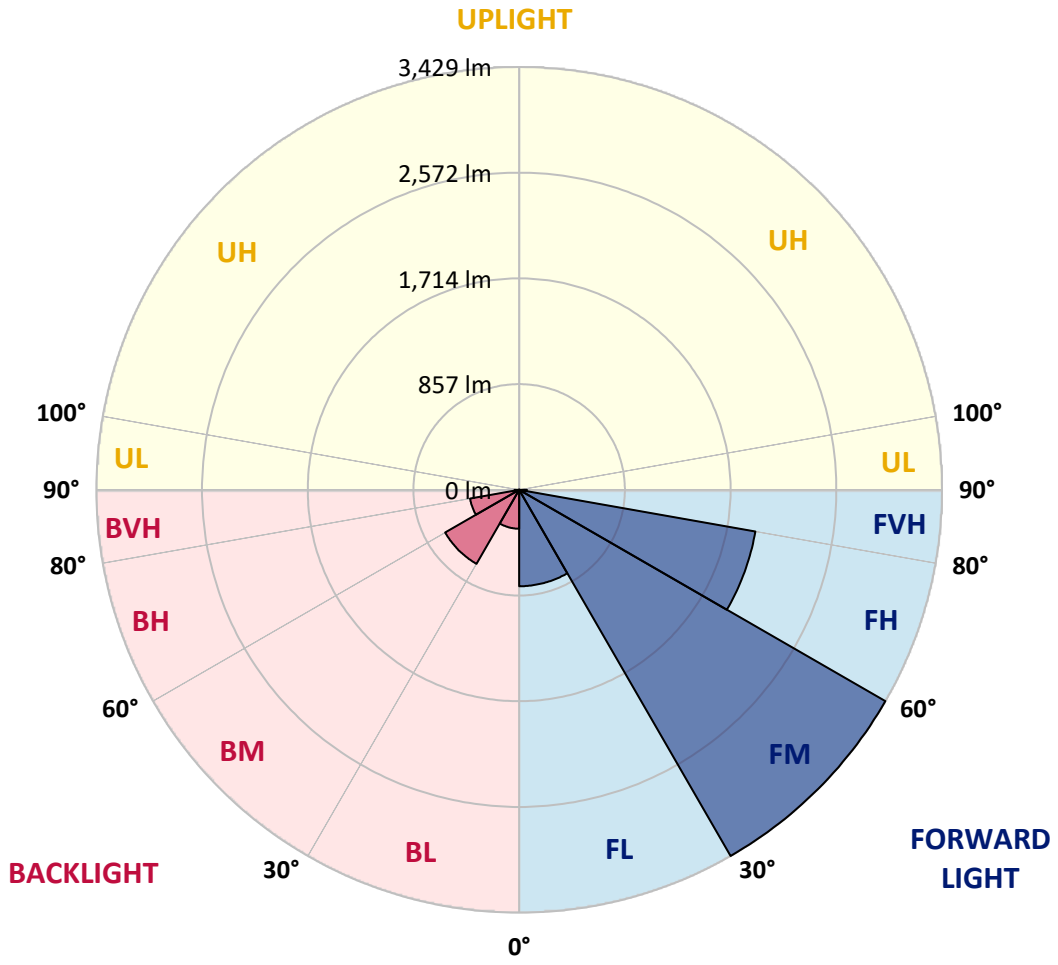
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	781.8	10.2			
FM	(30°-60°)	3428.7	44.7			
FH	(60°-80°)	1945.1	25.4			G2/5000
FVH	(80°-90°)	62.8	0.8			G1/100
BL	(0°-30°)	315.4	4.1	B1/500		
BM	(30°-60°)	692.9	9.0	B1/1000		
BH	(60°-80°)	404.7	5.3	B1/500		G1/500
BVH	(80°-90°)	37.6	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	899.8	899.8	899.8	899.8	899.8	899.8	899.8	899.8	899.8	*899.8*	899.8
2.5°	1126.6	1134.6	1124.7	1124.7	1091.4	1074.0	1040.7	1015.4	969.9	*962.0*	931.9
5°	1331.7	1341.6	1327.7	1321.8	1282.6	1246.6	1190.8	1135.8	1054.6	*1046.3*	975.4
7.5°	1490.4	1503.1	1490.8	1484.5	1449.7	1409.3	1344.0	1267.2	1152.8	*1136.5*	1034.0
10°	1619.9	1621.9	1617.9	1620.3	1593.0	1559.7	1492.8	1403.4	1260.4	*1238.3*	1104.9
12.5°	1693.1	1702.2	1710.2	1724.4	1719.7	1699.1	1638.9	1532.0	1374.5	*1346.0*	1182.1
15°	1727.6	1743.4	1761.2	1794.1	1820.6	1825.8	1779.8	1670.2	1490.4	*1456.0*	1260.1
17.5°	1739.8	1754.9	1783.0	1830.5	1887.5	1925.9	1905.3	1804.4	1605.3	*1565.7*	1342.0
20°	1802.0	1806.4	1823.4	1868.5	1930.3	1994.0	2009.4	1933.4	1718.9	*1674.1*	1426.7
22.5°	1935.0	1926.3	1931.1	1951.6	1996.0	2057.7	2093.0	2047.4	1835.6	*1784.2*	1512.2
25°	2154.7	2129.4	2104.0	2080.3	2102.9	2137.7	2177.7	2161.4	1958.0	*1892.7*	1598.5
27.5°	2432.2	2401.3	2345.5	2267.5	2240.2	2252.5	2270.3	2267.1	2071.2	*2005.1*	1687.6
30°	2705.4	2669.3	2602.8	2490.0	2418.0	2385.5	2372.1	2362.9	2194.3	*2123.8*	1777.5
32.5°	2923.5	2895.0	2829.7	2703.4	2598.9	2543.5	2498.7	2466.3	2323.0	*2252.5*	1872.5
35°	3114.3	3087.8	3013.0	2875.2	2761.6	2702.6	2644.0	2574.7	2456.8	*2385.5*	1974.6
37.5°	3288.5	3262.0	3159.4	3016.1	2901.7	2861.0	2808.7	2691.1	2591.0	*2523.7*	2082.7
40°	3398.5	3392.6	3296.8	3134.5	3015.7	2995.5	2978.1	2826.1	2739.8	*2677.3*	2201.4
42.5°	3426.6	3439.7	3363.7	3230.3	3117.1	3100.8	3141.6	2978.9	2906.9	*2847.1*	2336.0
45°	3359.0	3396.6	3346.7	3256.0	3189.1	3180.4	3286.5	3146.0	3091.7	*3037.1*	2498.3
47.5°	3187.5	3251.3	3230.7	3218.0	3208.5	3246.1	3414.0	3323.3	3301.2	*3253.7*	2683.6
50°	2841.6	2962.3	2998.3	3078.3	3170.1	3297.2	3530.0	3516.9	3545.8	*3497.9*	2909.2
52.5°	2243.4	2409.7	2618.7	2819.0	3052.2	3280.2	3657.4	3794.8	3916.7	*3890.6*	3267.9
55°	1851.9	1926.7	2087.4	2454.8	2823.3	3208.5	3714.8	4019.3	4284.9	*4261.5*	3539.9
57.5°	1551.0	1617.9	1716.9	2023.7	2477.4	3045.8	3750.5	4156.2	4537.1	*4534.7*	3808.3
60°	1228.4	1299.2	1400.6	1617.9	2073.2	2764.8	3742.6	4312.2	4858.9	*4878.7*	4135.7
62.5°	864.2	942.2	1054.6	1257.3	1660.3	2400.6	3581.0	4425.0	5237.8	*5291.6*	4529.5
65°	568.1	619.5	704.3	879.2	1237.1	1932.2	3272.7	4439.7	5643.1	*5734.2*	4899.3
67.5°	*398.2*	*418.0*	*467.9*	*562.9*	*815.5*	*1481.7*	*2781.4*	*4288.1*	*5913.5*	*6016.0*	*5059.6*
70°	310.8	320.7	346.0	384.0	512.3	996.4	2131.4	3893.8	5855.7	*5962.6*	4892.2
72.5°	268.4	277.9	287.4	292.2	343.6	615.2	1443.7	3255.6	5311.4	*5383.8*	4253.6
75°	243.5	245.8	253.8	252.2	262.1	399.0	833.3	2372.1	4190.7	*4165.7*	3140.0
77.5°	204.7	207.8	220.9	218.9	232.8	272.8	432.7	1530.8	2716.9	*2547.4*	1747.8
80°	173.4	175.0	189.2	186.9	202.3	197.5	220.9	780.3	1152.4	*976.2*	503.9
82.5°	60.2	74.4	144.5	148.8	154.4	119.6	127.5	318.3	351.9	*269.6*	105.7
85°	29.3	31.3	73.6	104.5	104.1	60.2	62.2	113.6	110.8	*87.1*	35.2
87.5°	4.8	5.9	8.7	40.8	32.5	15.8	21.4	22.2	23.0	*19.8*	7.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	899.8	899.8	899.8	899.8	899.8	899.8	899.8	899.8	899.8	899.8	899.8
2.5°	909.7	889.9	848.3	809.9	779.9	751.0	734.7	720.9	713.0	711.4	711.4
5°	934.3	893.5	817.9	754.1	712.6	681.7	665.5	655.2	650.0	646.9	646.5
7.5°	969.5	909.7	802.0	729.6	686.0	663.9	655.6	654.0	653.6	654.0	655.2
10°	1018.2	936.2	800.4	723.6	687.2	675.0	674.6	675.0	676.5	676.9	677.3
12.5°	1070.8	963.5	806.8	728.8	702.3	695.5	694.4	694.0	695.1	695.9	696.3
15°	1128.2	999.6	817.5	739.9	718.9	711.8	710.6	708.2	707.8	707.4	707.0
17.5°	1187.2	1035.2	829.3	751.8	729.6	719.7	715.3	709.8	705.4	704.3	705.4
20°	1247.0	1070.4	837.7	757.7	730.4	716.5	707.8	698.3	690.8	686.4	688.0
22.5°	1310.7	1107.2	842.8	756.1	723.3	704.3	688.4	677.3	665.9	658.3	658.7
25°	1372.9	1139.3	842.4	747.8	709.4	685.3	665.1	650.8	635.0	627.1	627.1
27.5°	1432.7	1168.2	832.5	733.2	689.6	662.7	638.5	621.5	606.1	598.6	598.2
30°	1494.4	1192.4	817.1	711.8	666.2	636.6	610.0	595.4	581.5	574.4	574.0
32.5°	1555.8	1214.5	795.3	685.3	639.3	610.8	584.7	571.2	562.9	562.9	563.3
35°	1620.7	1230.0	766.4	654.4	610.8	583.5	562.9	555.0	554.2	549.5	548.3
37.5°	1689.2	1239.9	731.2	622.7	582.7	557.0	550.7	541.2	533.2	522.9	521.4
40°	1761.2	1249.8	688.8	589.8	553.0	538.8	536.0	523.3	500.8	475.4	471.9
42.5°	1848.7	1256.5	644.9	557.0	521.8	517.0	521.0	499.2	463.2	444.2	444.6
45°	1950.1	1267.6	604.5	524.5	489.7	489.7	506.3	477.8	448.1	436.2	438.2
47.5°	2081.5	1293.3	566.9	488.9	460.0	467.9	473.9	452.1	435.5	420.8	420.4
50°	2271.5	1355.1	528.1	452.9	437.4	453.3	445.0	432.3	412.9	401.0	399.8
52.5°	2507.4	1391.5	493.6	420.4	418.0	433.9	422.0	410.1	395.5	379.6	376.5
55°	2668.2	1398.2	464.8	396.7	405.0	403.4	399.0	388.3	380.4	359.4	359.8
57.5°	2847.9	1411.7	441.0	382.4	396.7	379.2	377.7	368.6	358.3	344.0	339.3
60°	3062.8	1432.7	420.4	376.9	389.5	363.4	355.5	351.9	341.6	334.5	336.5
62.5°	3297.2	1451.7	399.4	377.7	381.2	348.0	336.1	334.9	328.6	326.2	326.2
65°	3457.1	1399.8	373.3	376.9	368.2	332.1	317.1	316.7	311.5	310.8	310.4
67.5°	*3401.3*	*1235.5*	*338.1*	*365.8*	*354.7*	*316.3*	*299.7*	*298.1*	*291.4*	*291.8*	*291.8*
70°	3121.8	1001.2	289.4	338.5	338.1	302.0	281.5	276.3	267.2	268.8	270.4
72.5°	2597.7	741.9	224.1	292.9	311.5	289.0	260.5	252.2	240.7	242.3	241.9
75°	1876.0	504.3	163.1	222.9	271.2	273.5	239.9	225.6	211.8	214.2	215.0
77.5°	960.0	285.8	119.9	153.6	213.0	248.6	221.3	202.3	199.1	221.3	218.1
80°	313.1	143.3	83.1	107.7	139.7	203.5	194.0	172.2	171.4	176.6	151.6
82.5°	93.4	60.6	53.4	70.9	77.2	156.0	167.5	130.2	112.0	118.0	121.9
85°	32.1	29.3	30.5	35.2	36.8	91.4	117.2	86.3	81.5	89.9	88.7
87.5°	7.5	10.3	8.7	7.9	7.9	22.2	45.5	36.0	49.9	33.3	32.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)