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: P1200201

Luminaire Tested: GPC-SB2C-735-U-SL4

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200201
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2C-735-U-SL4
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14843 lumens
Efficiency:	N/A
Efficacy:	147.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

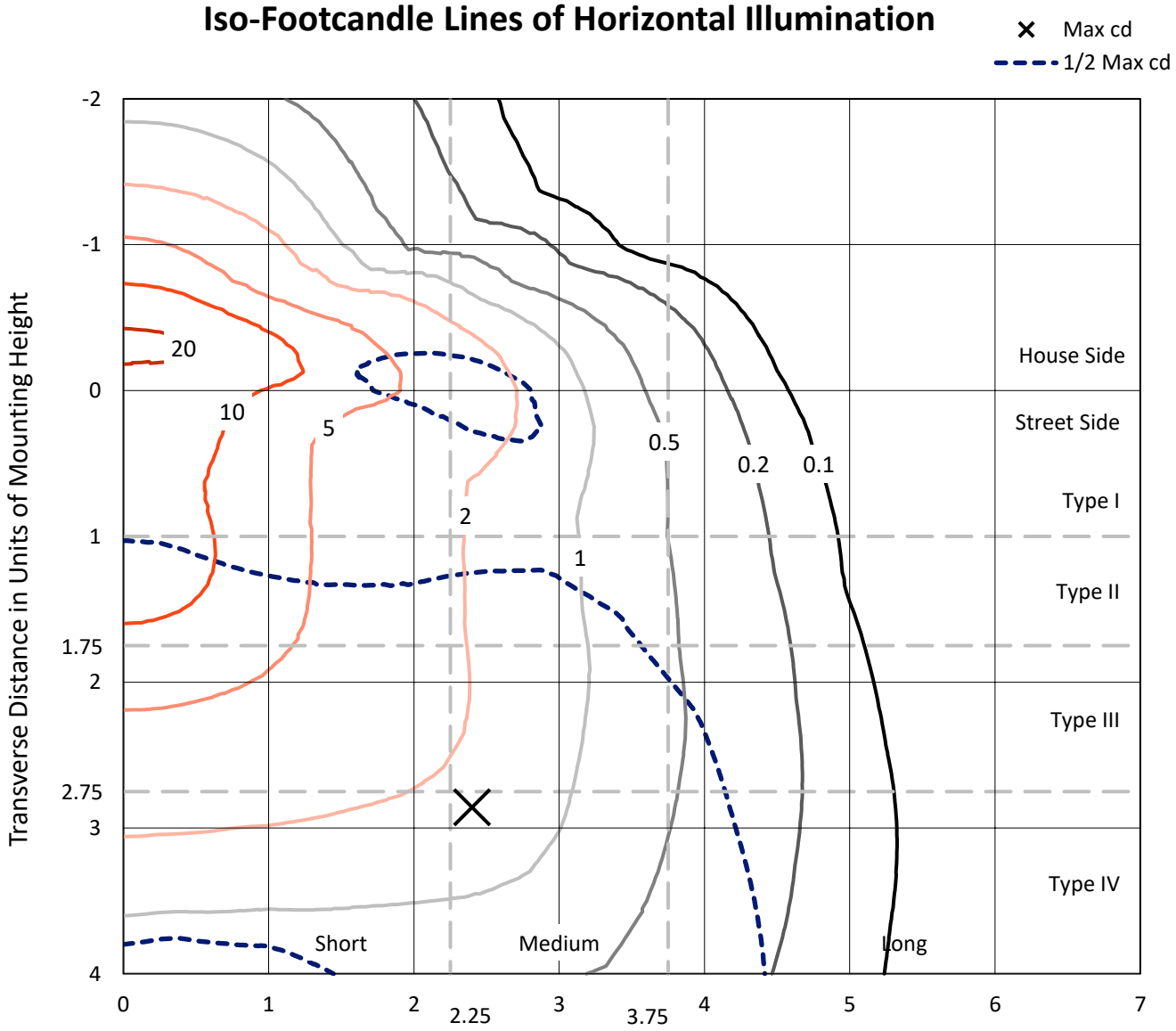


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Iso-Footcandle Lines of Horizontal Illumination



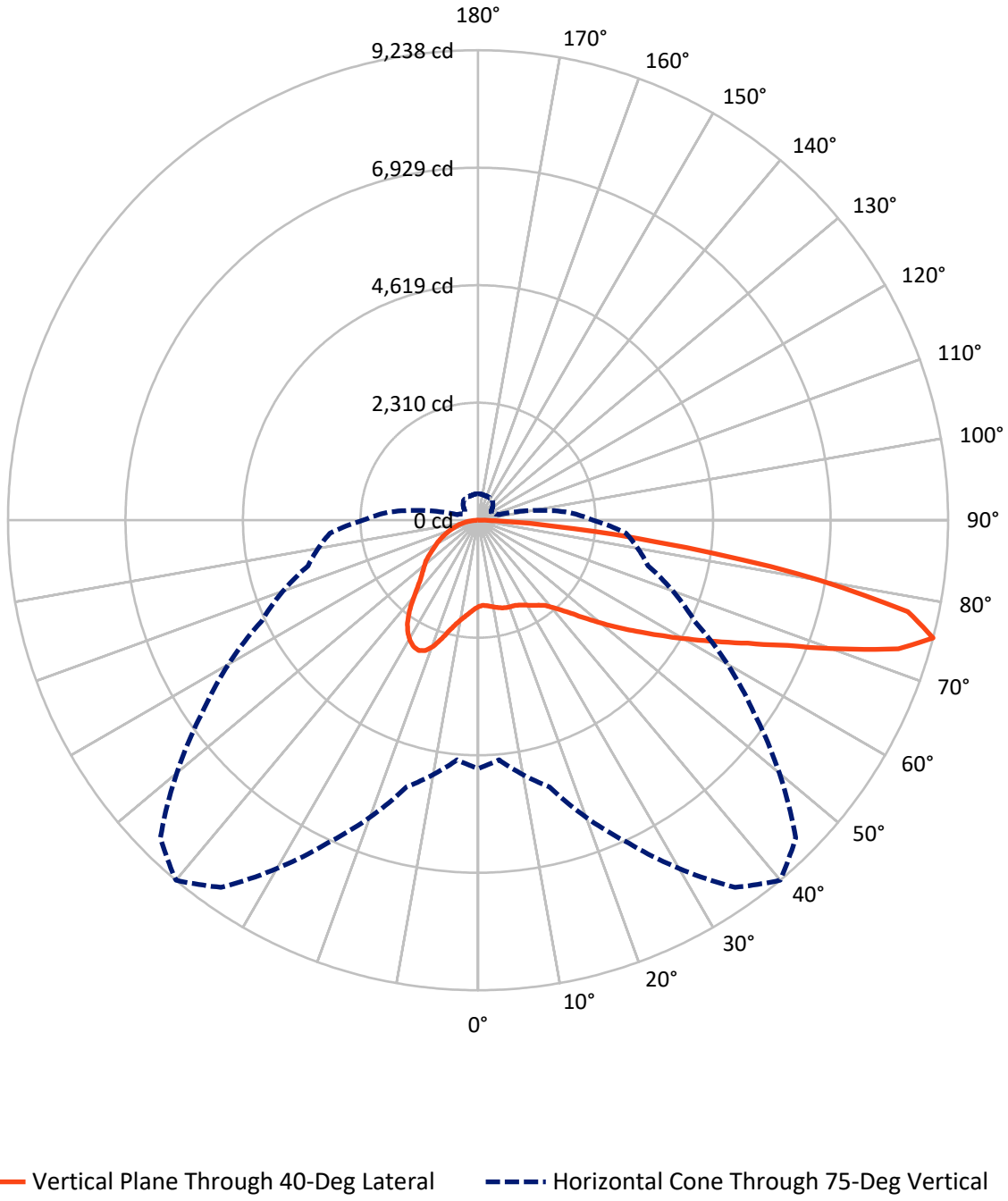
Based on 10 foot mounting height. Maximum calculated value = 21.9 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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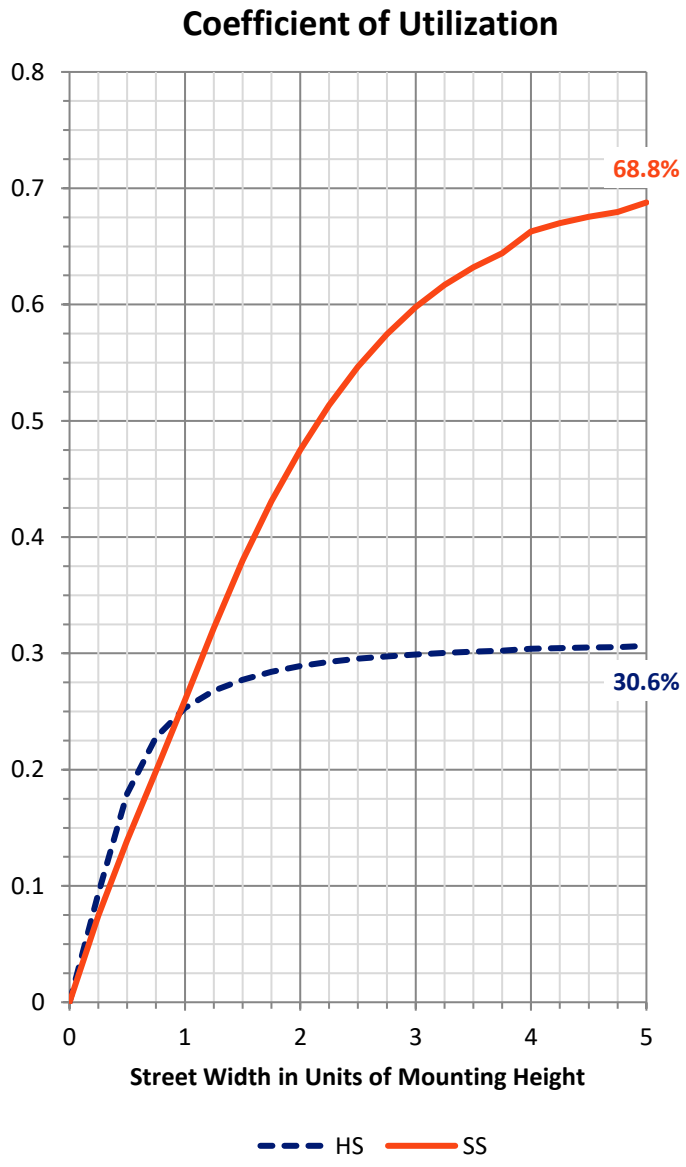
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4598.9	0.0	4598.9
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	10244.1	0.0	10244.1
	% Fixture	69.0	0.0	69.0
Total	Lumens	14843.0	0.0	14843.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.4	1.1
10°-20°	568.8	3.8
20°-30°	1038.6	7.0
30°-40°	1473.1	9.9
40°-50°	1989.1	13.4
50°-60°	2675.9	18.0
60°-70°	3396.3	22.9
70°-80°	3082.4	20.8
80°-90°	449.3	3.0
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°	14843.0	100.0
0°-180°	14843.0	100.0



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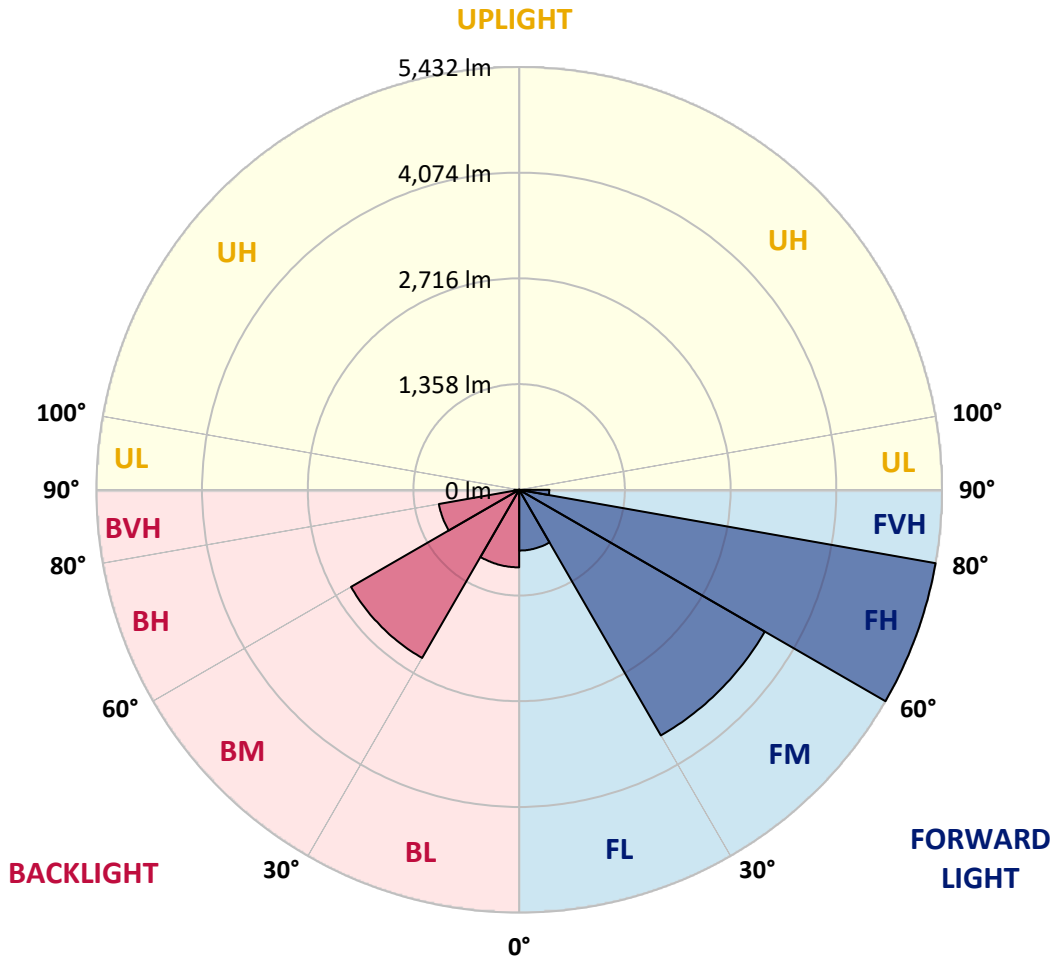
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	780.8	5.3			
FM	(30°-60°)	3643.6	24.5			
FH	(60°-80°)	5432.3	36.6			G3/7500
FVH	(80°-90°)	387.5	2.6			G3/500
BL	(0°-30°)	996.2	6.7	B2/1000		
BM	(30°-60°)	2494.5	16.8	B2/2500		
BH	(60°-80°)	1046.4	7.0	B3/2500		G3/2500
BVH	(80°-90°)	61.9	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	1697.3	1697.3	1697.3	1697.3	1697.3	*1697.3*	1697.3	1697.3	1697.3	1697.3	1697.3
2.5°	1671.3	1680.8	1678.4	1675.3	1675.3	*1676.1*	1675.3	1680.8	1686.3	1691.8	1700.5
5°	1688.7	1698.1	1693.4	1689.4	1686.3	*1685.5*	1683.1	1682.4	1685.5	1692.6	1704.4
7.5°	1722.5	1732.0	1724.9	1717.8	1711.5	*1708.3*	1705.2	1700.5	1698.1	1702.0	1718.6
10°	1760.3	1769.7	1761.1	1748.5	1738.3	*1734.3*	1731.2	1726.4	1723.3	1725.7	1743.8
12.5°	1798.1	1807.5	1795.7	1778.4	1765.0	*1762.7*	1758.7	1757.1	1756.4	1755.6	1773.7
15°	1833.5	1841.4	1826.4	1806.0	1791.8	*1787.9*	1783.9	1786.3	1790.2	1794.9	1815.4
17.5°	1861.1	1868.9	1846.9	1820.1	1806.7	*1805.2*	1802.8	1810.7	1821.7	1833.5	1858.7
20°	1886.3	1894.1	1865.8	1829.6	1813.8	*1813.8*	1814.6	1831.1	1846.9	1864.2	1898.9
22.5°	1921.7	1928.0	1893.3	1843.7	1820.9	*1822.5*	1828.8	1845.3	1865.0	1888.6	1936.6
25°	1974.4	1979.2	1936.6	1870.5	1844.5	*1849.3*	1854.8	1862.6	1881.5	1909.1	1973.6
27.5°	2059.5	2063.4	2007.5	1917.7	1878.4	*1886.3*	1894.1	1888.6	1897.3	1920.9	2003.6
30°	2179.1	2181.5	2110.6	1991.7	1935.9	*1939.8*	1941.4	1918.5	1902.0	1920.9	2024.8
32.5°	2320.8	2320.0	2235.8	2081.5	2001.2	*1997.3*	1983.9	1939.0	1900.4	1917.0	2043.7
35°	2540.5	2531.8	2423.2	2207.5	2075.2	*2050.8*	2019.3	1961.8	1908.3	1913.0	2060.2
37.5°	2904.2	2877.4	2727.0	2413.7	2185.4	*2123.2*	2076.8	1998.8	1925.6	1911.4	2079.9
40°	3314.3	3280.5	3115.2	2696.3	2350.7	*2250.8*	2176.0	2051.6	1954.0	1918.5	2109.0
42.5°	3800.9	3752.8	3574.9	3029.3	2560.1	*2415.3*	2302.7	2118.5	1995.7	1941.4	2148.4
45°	4398.4	4334.6	4082.7	3404.9	2823.9	*2631.0*	2480.6	2220.1	2059.5	1985.5	2207.5
47.5°	5002.2	5017.9	4659.7	3834.7	3140.4	*2897.1*	2703.4	2372.8	2152.3	2056.3	2302.7
50°	5643.8	5654.8	5233.7	4311.0	3499.3	*3197.8*	2953.8	2543.6	2281.5	2157.1	2445.2
52.5°	6144.5	6146.1	5754.8	4809.3	3873.3	*3528.5*	3223.8	2738.9	2431.0	2290.9	2634.9
55°	6457.8	6453.9	6120.1	5280.9	4303.1	*3875.6*	3523.0	2960.9	2613.7	2448.4	2873.5
57.5°	6685.3	6673.5	6372.0	5686.3	4761.3	*4285.8*	3861.5	3212.8	2829.4	2635.7	3187.6
60°	6771.9	6764.9	6542.9	6036.7	5243.1	*4739.3*	4252.0	3494.6	3074.2	2856.9	3591.4
62.5°	6805.0	6818.4	6710.5	6376.0	5758.8	*5241.5*	4681.0	3831.6	3349.8	3107.3	4017.4
65°	6921.5	6945.9	6923.9	6820.0	6341.3	*5829.6*	5250.2	4232.3	3650.5	3375.7	4462.1
67.5°	7152.2	7176.6	7186.0	7351.4	7053.0	*6562.5*	5960.3	4731.4	4002.4	3654.4	4796.7
70°	7146.7	7139.6	7306.5	7774.1	7944.2	*7577.3*	6917.6	5345.4	4422.0	3885.9	4839.2
72.5°	6505.1	6448.4	6842.8	7769.4	8685.8	*8636.9*	8086.7	6137.4	4784.1	3914.2	4199.2
75°	*4880.2*	*4729.0*	*5425.7*	*7001.8*	*8809.4*	*9238.4*	*8829.8*	*6628.7*	*4698.3*	*3458.4*	*2922.3*
77.5°	2087.0	1935.1	2756.2	5183.3	7884.3	*8636.2*	8148.1	5783.2	3750.5	2287.0	1435.2
80°	546.4	545.6	832.9	2349.9	5362.0	*6377.5*	5595.0	3734.7	2142.9	817.2	396.0
82.5°	225.9	220.4	306.2	914.0	2620.0	*3578.9*	2920.7	1665.8	773.9	221.2	131.5
85°	84.2	83.4	148.8	315.7	924.2	*1476.1*	1068.3	425.9	192.9	107.9	59.0
87.5°	23.6	22.8	32.3	109.4	225.2	*341.7*	182.6	70.1	54.3	42.5	17.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
2.5°	1702.8	1706.8	1713.8	1719.4	1726.4	1734.3	1745.3	1752.4	1759.5	1764.2	1761.1
5°	1709.9	1718.6	1736.7	1754.8	1776.0	1795.7	1818.6	1835.1	1848.5	1852.4	1854.0
7.5°	1725.7	1739.8	1770.5	1801.2	1835.1	1867.4	1900.4	1928.8	1951.6	1960.3	1961.0
10°	1753.2	1772.1	1815.4	1858.7	1903.6	1953.2	1995.7	2036.6	2068.9	2082.3	2083.1
12.5°	1787.9	1811.5	1868.2	1928.0	1990.2	2058.7	2113.8	2164.2	2204.3	2222.4	2222.4
15°	1832.7	1863.4	1935.9	2016.2	2107.5	2202.7	2272.8	2328.7	2373.6	2395.6	2394.0
17.5°	1881.5	1922.5	2013.8	2135.0	2265.7	2390.9	2472.8	2513.7	2560.1	2581.4	2580.6
20°	1928.8	1979.2	2109.8	2286.2	2460.2	2593.2	2659.3	2670.4	2673.5	2675.9	2682.2
22.5°	1977.6	2045.3	2230.3	2476.7	2663.3	2755.4	2764.8	2717.6	2651.5	2620.8	2629.4
25°	2031.1	2120.9	2387.7	2686.9	2838.0	2849.1	2776.6	2661.7	2536.5	2479.1	2487.7
27.5°	2083.1	2208.2	2576.7	2887.6	2964.0	2867.2	2711.3	2548.3	2397.2	2336.6	2343.7
30°	2135.0	2308.2	2785.3	3063.2	3021.5	2822.3	2608.2	2426.3	2274.4	2210.6	2217.7
32.5°	2187.8	2424.7	3025.4	3189.9	3011.2	2727.0	2479.8	2289.3	2155.5	2088.6	2097.2
35°	2247.6	2568.0	3252.9	3259.2	2942.8	2586.9	2310.6	2125.6	2009.1	1955.5	1967.3
37.5°	2325.5	2749.9	3453.7	3276.5	2823.1	2381.4	2100.4	1931.9	1835.9	1811.5	1828.8
40°	2422.4	2968.7	3607.2	3249.0	2646.0	2131.9	1870.5	1735.9	1681.6	1687.1	1706.0
42.5°	2548.3	3213.6	3715.0	3178.1	2399.5	1874.4	1669.0	1609.1	1635.1	1657.2	1677.6
45°	2712.1	3467.8	3782.0	3057.7	2120.9	1656.4	1550.1	1564.3	1584.0	1586.3	1602.1
47.5°	2921.5	3725.3	3826.0	2875.8	1836.7	1502.9	1474.5	1477.7	1473.7	1457.2	1469.8
50°	3182.9	3975.6	3865.4	2634.9	1595.0	1406.8	1369.0	1358.0	1303.7	1250.2	1257.2
52.5°	3480.4	4205.5	3881.9	2335.8	1406.8	1326.5	1265.1	1195.8	1094.3	1077.7	1083.3
55°	3811.1	4418.1	3839.4	1968.1	1248.6	1223.4	1130.5	1047.0	1036.0	1021.9	1024.2
57.5°	4206.3	4647.2	3752.8	1558.0	1086.4	1102.9	1012.4	1021.9	1002.2	980.1	976.2
60°	4638.5	4884.1	3600.9	1184.0	918.7	952.6	981.7	980.9	975.4	957.3	951.0
62.5°	5027.4	5040.0	3301.7	906.9	771.5	836.1	915.6	914.8	910.1	899.8	895.9
65°	5258.8	5016.4	2802.6	714.0	650.3	740.0	825.8	832.1	832.9	832.1	832.1
67.5°	5217.9	4740.0	2117.7	568.4	550.3	642.4	736.9	745.5	751.8	753.4	755.0
70°	4755.0	4133.1	1380.8	453.5	461.3	556.6	652.6	661.3	666.8	673.1	676.3
72.5°	3706.4	3038.8	790.4	366.9	383.4	482.6	569.2	579.4	582.6	594.4	599.1
75°	*2258.6*	*1787.1*	*426.7*	*288.9*	*314.9*	*412.5*	*486.5*	*498.3*	*503.8*	*518.0*	*519.6*
77.5°	1073.8	773.9	243.3	225.2	253.5	336.9	410.9	424.3	409.4	417.2	410.9
80°	362.9	287.3	153.5	171.6	193.7	262.9	329.1	342.5	311.0	309.4	306.2
82.5°	126.7	116.5	97.6	114.2	125.2	188.2	248.8	266.1	231.5	230.7	219.6
85°	49.6	47.2	54.3	62.2	74.8	115.7	163.7	172.4	142.5	114.9	113.4
87.5°	10.2	11.0	13.4	14.2	22.8	40.1	59.0	72.4	57.5	48.8	44.9
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)