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: P1198290

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198290
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7657 lumens
Efficiency:	N/A
Efficacy:	140.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

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

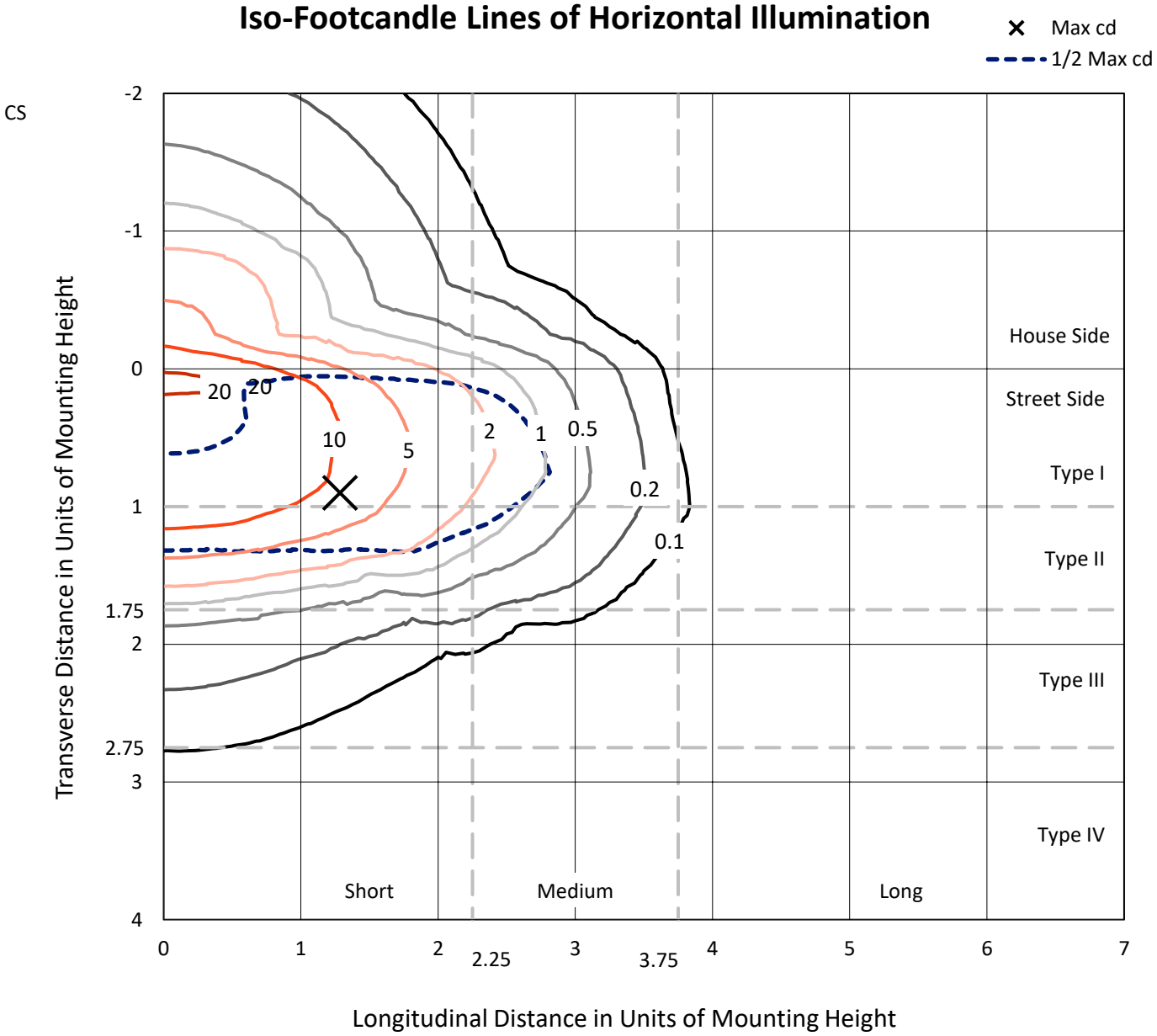


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Iso-Footcandle Lines of Horizontal Illumination



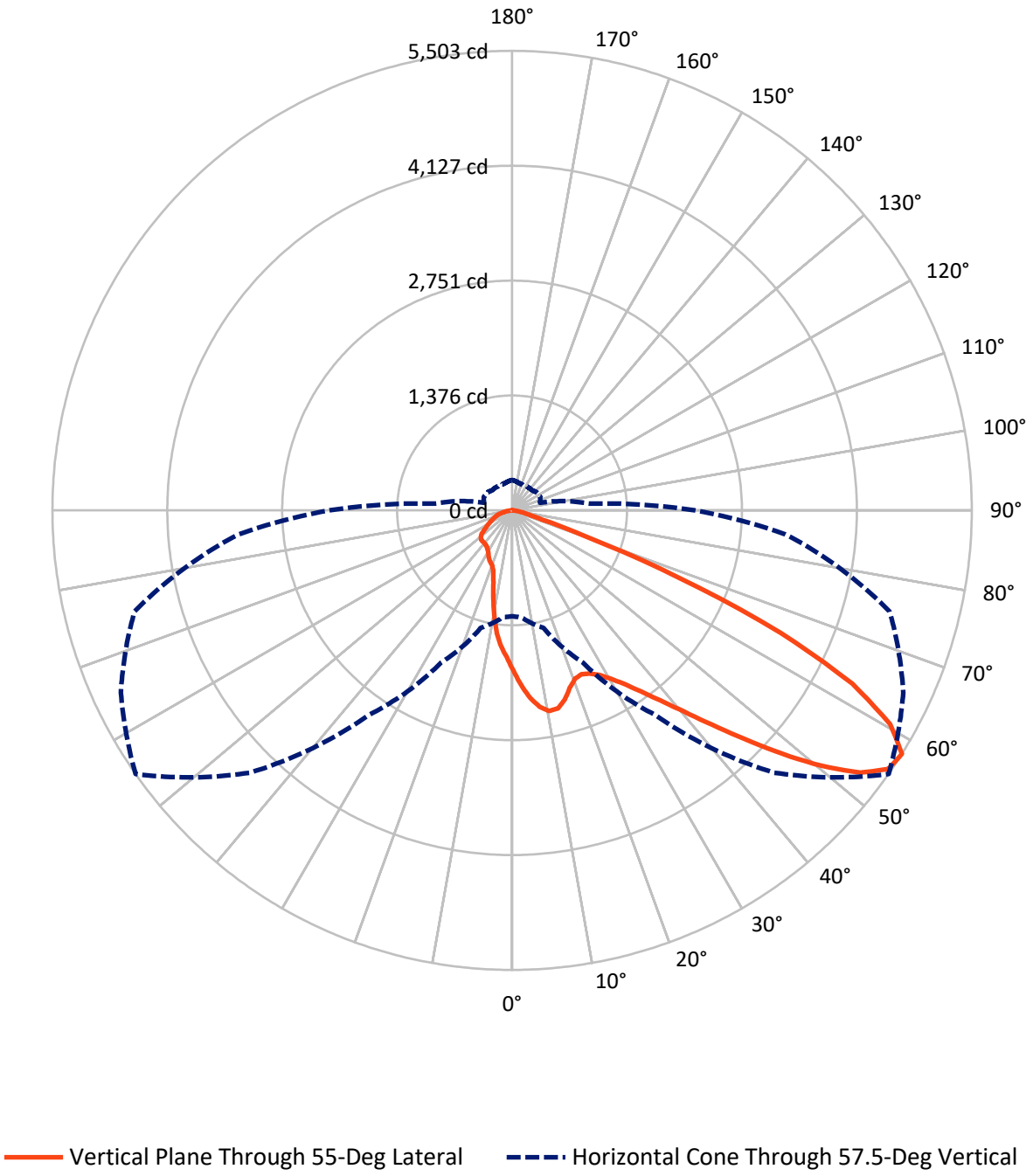
Based on 10 foot mounting height. Maximum calculated value = 23.2 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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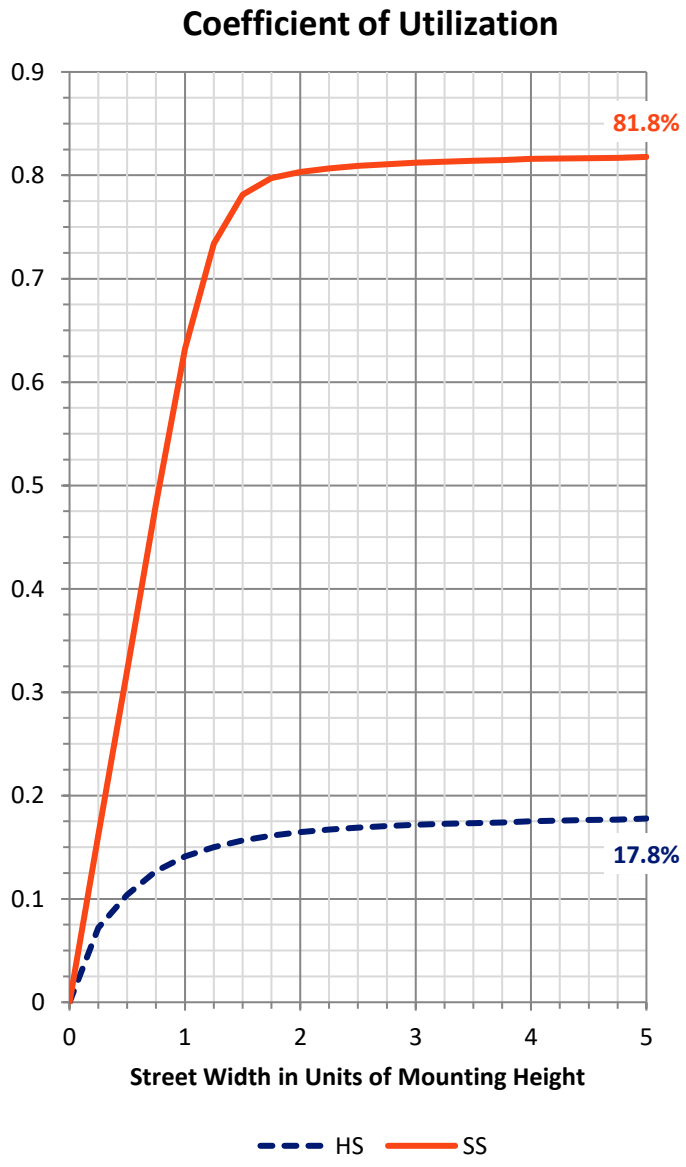
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1385.5	0.0	1385.5
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	6271.5	0.0	6271.5
	% Fixture	81.9	0.0	81.9
Total	Lumens	7657.0	0.0	7657.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.0	2.3
10°-20°	449.4	5.9
20°-30°	717.1	9.4
30°-40°	1135.3	14.8
40°-50°	1737.7	22.7
50°-60°	1861.2	24.3
60°-70°	1170.9	15.3
70°-80°	346.3	4.5
80°-90°	61.2	0.8
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°	7657.0	100.0
0°-180°	7657.0	100.0



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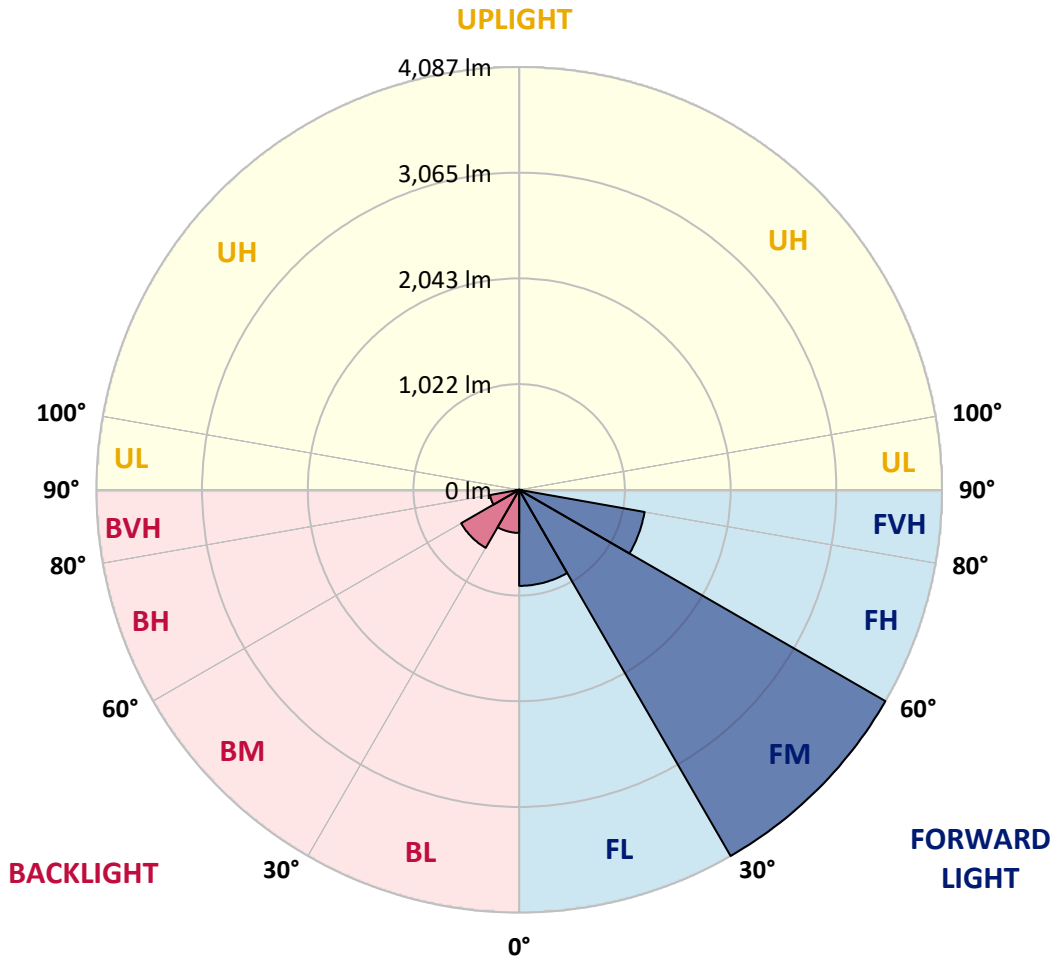
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	928.0	12.1			
FM	(30°-60°)	4086.6	53.4			
FH	(60°-80°)	1231.0	16.1			G1/1800
FVH	(80°-90°)	25.9	0.3			G1/100
BL	(0°-30°)	416.4	5.4	B1/500		
BM	(30°-60°)	647.6	8.5	B1/1000		
BH	(60°-80°)	286.1	3.7	B1/500		G1/500
BVH	(80°-90°)	35.3	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-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1918.6	1918.6	1918.6	1918.6	1918.6	1918.6	*1918.6*	1918.6	1918.6	1918.6	1918.6
2.5°	2201.2	2199.6	2208.3	2178.7	2158.5	2131.2	*2095.1*	2049.2	1999.7	1947.5	1924.9
5°	2399.5	2385.7	2394.8	2372.6	2350.4	2309.3	*2255.8*	2181.0	2089.6	1985.5	1930.1
7.5°	2368.3	2358.8	2382.1	2401.9	2418.5	2413.4	*2374.2*	2295.8	2177.9	2026.7	1946.3
10°	2116.1	2105.4	2138.3	2206.8	2307.3	2394.8	*2442.3*	2393.6	2268.1	2071.8	1962.1
12.5°	1893.7	1888.5	1910.3	1965.7	2077.3	2245.2	*2433.6*	2479.1	2361.9	2125.2	1983.5
15°	1798.7	1792.3	1806.2	1834.3	1905.5	2061.9	*2354.4*	2537.7	2454.2	2187.0	2017.6
17.5°	1777.7	1770.6	1776.5	1791.1	1837.1	1956.2	*2234.9*	2566.6	2550.3	2255.8	2046.1
20°	1816.5	1810.5	1811.3	1810.5	1842.6	1937.2	*2151.7*	2555.5	2634.3	2319.2	2073.8
22.5°	1910.3	1900.4	1900.8	1879.8	1897.2	1970.4	*2130.0*	2525.8	2709.1	2374.6	2094.7
25°	2063.1	2045.3	2048.8	1995.4	1990.6	2044.9	*2164.0*	2502.8	2783.5	2418.9	2098.7
27.5°	2272.1	2251.9	2241.2	2161.6	2123.6	2150.6	*2233.3*	2510.8	2853.9	2457.3	2088.8
30°	2533.3	2508.8	2487.0	2374.2	2305.3	2295.4	*2340.9*	2563.0	2937.1	2497.7	2071.8
32.5°	2853.5	2825.0	2785.5	2635.8	2538.9	2487.0	*2480.3*	2656.0	3034.4	2549.2	2063.1
35°	3234.7	3197.5	3141.3	2947.8	2825.0	2719.0	*2663.9*	2790.2	3167.8	2626.7	2073.0
37.5°	3627.4	3585.4	3534.0	3303.6	3152.8	2996.4	*2888.0*	2972.3	3345.6	2732.0	2099.1
40°	3989.6	3942.5	3894.6	3689.5	3527.7	3339.2	*3162.3*	3202.7	3562.9	2857.9	2143.4
42.5°	4203.3	4168.5	4150.3	4039.5	3914.4	3723.2	*3503.5*	3475.8	3807.1	3002.8	2194.1
45°	4193.8	4179.6	4235.8	4281.7	4252.0	4145.9	*3903.3*	3777.8	4052.1	3128.3	2240.8
47.5°	3969.8	3979.3	4104.8	4362.9	4476.5	4531.9	*4358.5*	4074.3	4265.1	3222.1	2261.8
50°	3360.2	3368.1	3658.7	4215.2	4534.3	4846.6	*4810.1*	4363.6	4430.1	3279.5	2257.0
52.5°	2877.7	2882.8	3007.5	3777.4	4343.5	5004.9	*5217.1*	4636.4	4550.9	3295.3	2230.5
55°	2167.6	2185.4	2325.1	2963.6	3847.1	4879.4	*5464.9*	4917.4	4627.3	3296.9	2202.8
57.5°	*1266.3*	*1285.7*	*1458.2*	*2011.6*	*2990.1*	*4442.0*	*5502.5*	*5166.8*	*4679.1*	*3284.2*	*2186.2*
60°	620.3	628.6	703.8	1057.3	1843.8	3599.3	*5200.0*	5287.5	4708.0	3277.5	2185.4
62.5°	418.0	416.8	420.0	521.7	908.4	2312.4	*4569.9*	5076.1	4692.6	3251.8	2177.5
65°	359.4	355.1	343.2	366.1	470.6	1057.7	*3530.8*	4445.2	4575.0	3187.2	2123.2
67.5°	310.7	311.1	311.5	304.4	336.1	488.1	*2157.7*	3501.5	4153.1	2881.7	1914.2
70°	257.3	260.9	262.4	262.4	273.9	320.2	*921.1*	2399.9	3275.9	2259.4	1541.8
72.5°	234.3	226.8	227.6	223.6	223.6	243.8	*370.9*	1360.5	2063.9	1271.0	940.9
75°	191.2	195.9	196.7	194.0	184.9	186.0	*220.1*	570.8	883.1	527.2	465.1
77.5°	165.1	165.1	166.6	164.7	157.5	139.3	*146.9*	221.3	300.4	216.1	232.4
80°	132.6	132.2	138.9	142.9	131.8	102.9	*93.8*	122.3	133.4	95.0	120.7
82.5°	64.5	68.5	95.4	108.9	100.1	74.4	*57.4*	76.0	71.2	42.0	54.2
85°	37.6	35.6	42.7	60.6	57.4	41.2	*27.7*	39.6	37.2	21.4	21.8
87.5°	11.9	11.1	8.7	20.6	16.6	11.5	*7.5*	11.5	10.3	4.7	4.7
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1918.6	1918.6	1918.6	1918.6	1918.6	1918.6	1918.6	1918.6	1918.6	1918.6
2.5°	1896.8	1850.1	1803.8	1761.5	1735.7	1719.1	1702.5	1683.9	1676.7	1666.1
5°	1877.8	1787.6	1707.2	1638.0	1575.0	1525.5	1475.7	1435.3	1417.1	1429.3
7.5°	1866.7	1736.1	1612.2	1485.2	1362.8	1265.1	1180.0	1120.2	1093.3	1100.0
10°	1856.8	1677.9	1489.1	1288.4	1112.7	991.6	904.5	859.0	841.9	845.5
12.5°	1847.7	1612.6	1340.7	1076.7	889.8	809.9	784.9	785.3	788.5	790.9
15°	1846.2	1533.8	1174.8	891.4	769.5	764.4	791.3	808.3	817.4	820.2
17.5°	1843.8	1439.6	1005.8	765.1	740.2	775.0	800.0	811.1	818.2	818.6
20°	1834.3	1320.1	849.9	705.0	733.9	764.0	779.4	788.1	794.0	796.0
22.5°	1805.0	1187.1	728.3	678.1	708.5	732.7	750.9	760.8	764.4	766.7
25°	1752.3	1038.3	644.4	652.3	673.3	703.8	718.4	720.4	719.2	722.8
27.5°	1683.5	878.7	592.2	617.5	644.4	670.5	678.5	677.3	674.9	678.9
30°	1600.3	735.5	558.9	578.3	615.1	638.9	646.0	643.2	638.5	642.8
32.5°	1512.5	618.3	531.6	551.0	591.0	614.3	621.5	618.7	615.1	618.7
35°	1430.5	536.4	506.3	532.8	572.0	594.9	604.0	604.4	604.4	608.8
37.5°	1355.3	488.5	485.3	521.3	558.9	579.5	592.6	593.4	576.3	577.5
40°	1285.7	468.3	475.8	513.8	546.2	566.0	566.8	522.5	491.2	490.4
42.5°	1228.7	464.3	478.6	513.0	537.1	537.9	482.1	447.7	439.0	439.4
45°	1175.2	463.1	484.9	513.0	523.7	464.7	427.1	418.0	418.8	422.0
47.5°	1115.5	458.4	486.1	505.9	484.9	413.2	402.2	398.2	396.6	397.4
50°	1050.1	441.4	471.0	491.6	418.4	391.1	377.2	376.0	378.0	379.2
52.5°	981.3	413.6	445.3	465.9	387.9	371.7	356.2	359.0	367.7	370.5
55°	936.1	381.2	411.3	414.4	366.5	353.5	340.4	346.7	363.0	368.1
57.5°	*924.3*	*346.7*	*372.5*	*368.9*	*339.2*	*337.6*	*329.7*	*335.3*	*355.9*	*363.4*
60°	920.7	315.9	334.5	331.7	312.7	320.2	318.2	321.0	328.1	330.5
62.5°	893.0	291.3	300.4	296.5	289.0	302.0	306.8	300.8	306.4	309.1
65°	822.5	271.5	267.2	264.4	267.6	279.5	289.0	277.1	282.2	290.1
67.5°	706.2	244.6	232.7	235.9	245.8	252.1	264.4	251.0	255.3	268.8
70°	571.2	210.6	199.9	209.0	218.5	231.6	233.5	224.4	234.7	249.8
72.5°	404.1	176.1	168.6	187.2	190.4	207.4	203.1	198.7	213.0	218.1
75°	280.2	142.1	137.7	152.0	163.5	178.1	175.0	180.1	210.2	212.6
77.5°	177.3	110.4	107.7	116.8	132.6	148.8	154.0	212.6	359.0	373.3
80°	102.9	82.3	79.2	86.3	100.1	115.2	148.4	260.9	236.7	233.9
82.5°	57.4	56.6	52.6	54.6	66.9	83.1	209.8	183.7	149.2	154.0
85°	26.9	33.2	28.5	27.3	37.6	97.4	140.1	104.9	69.7	68.1
87.5°	7.1	6.3	6.3	7.1	15.8	83.9	55.8	44.7	26.5	25.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)