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: P1200687

Luminaire Tested: GPC-SB2D-735-U-T3R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1200687
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/14/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2D-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16939 lumens
Efficiency:	N/A
Efficacy:	114.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G3

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

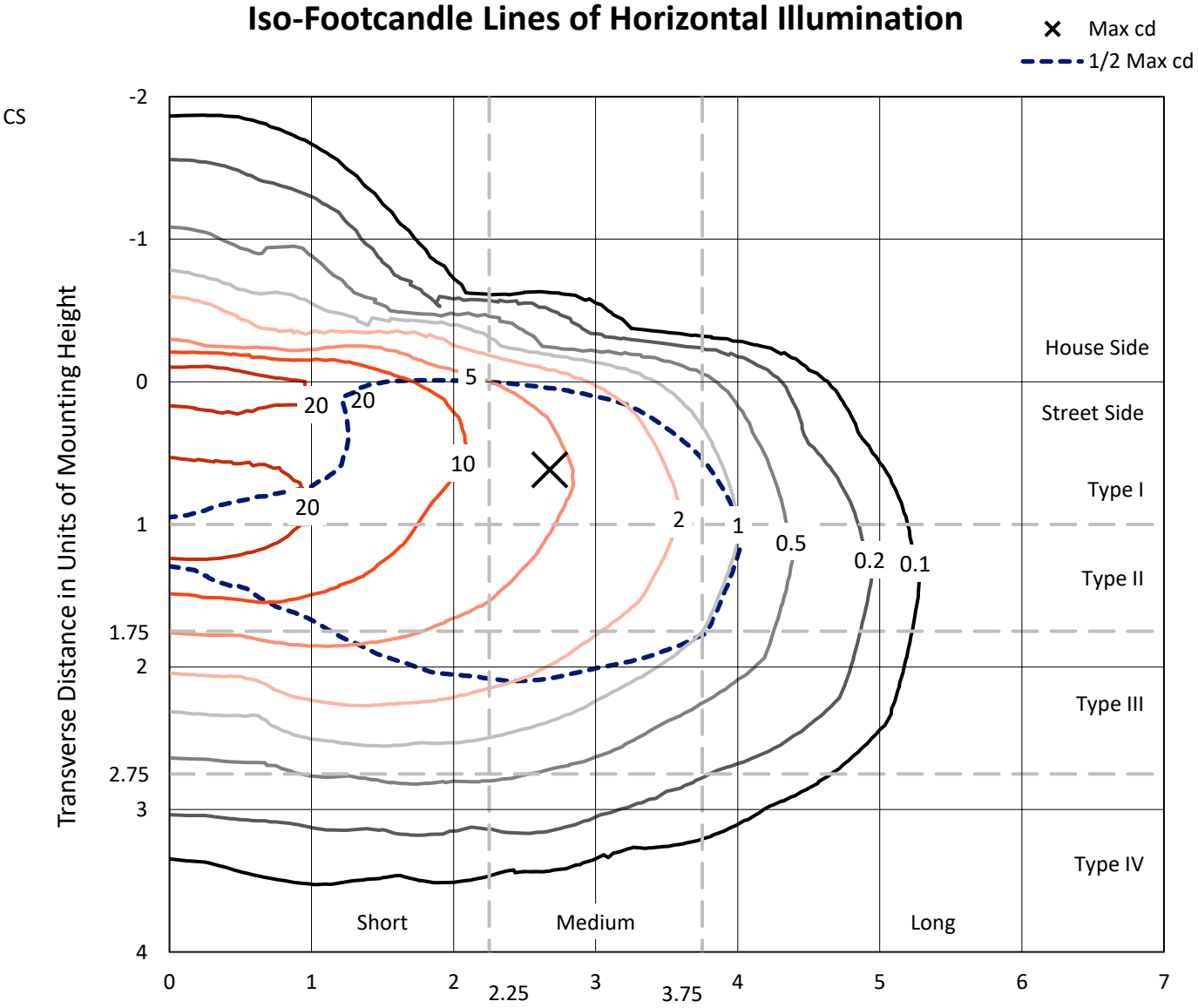


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Iso-Footcandle Lines of Horizontal Illumination



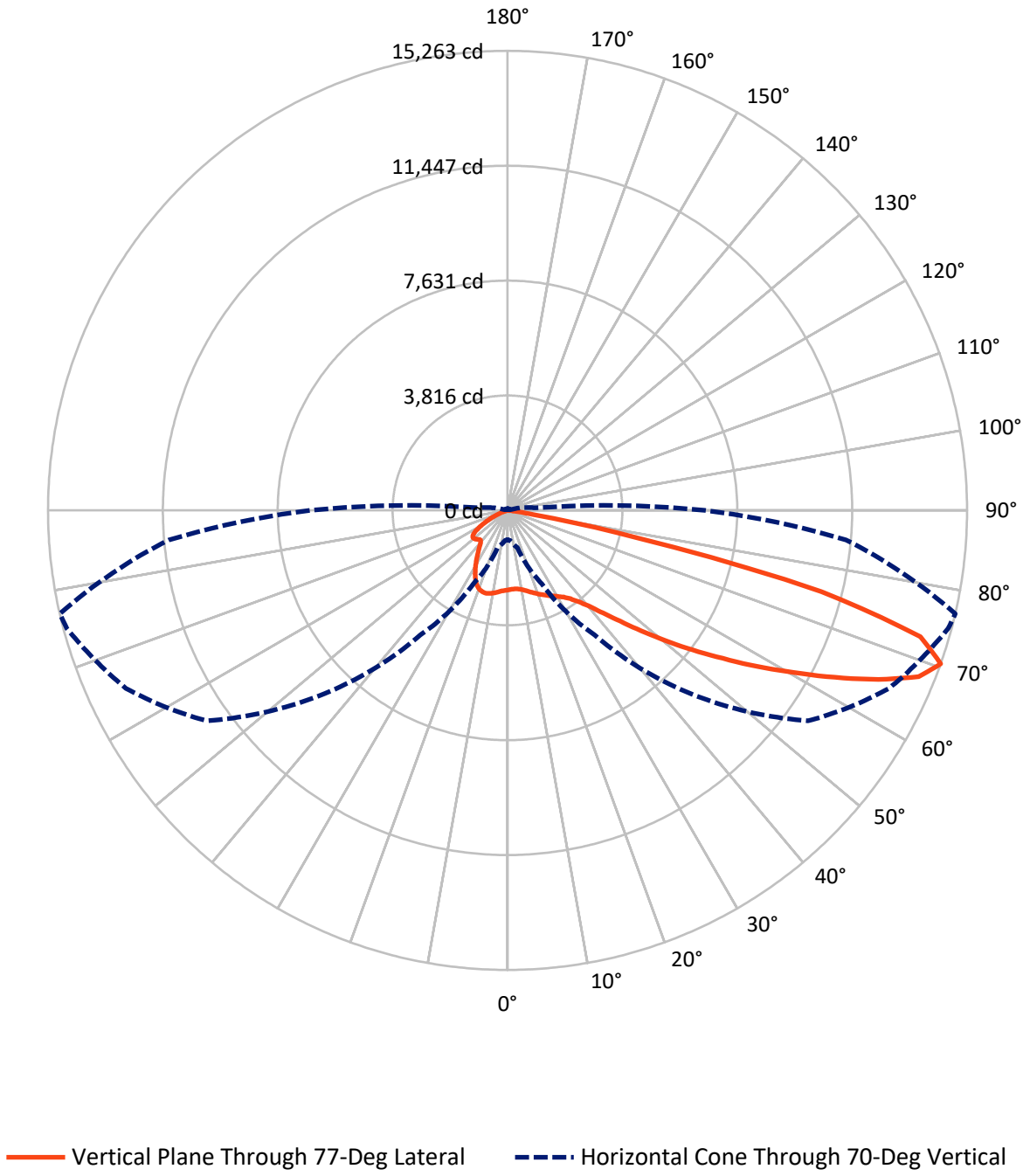
Based on 10 foot mounting height. Maximum calculated value = 31 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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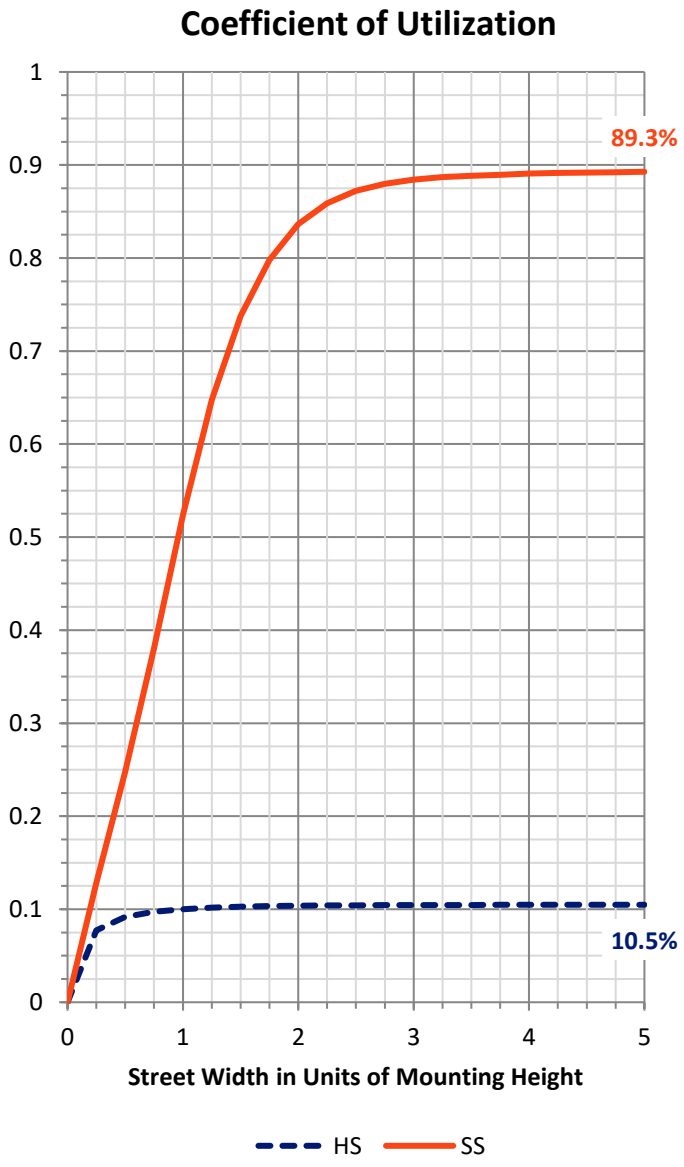
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1785.6	0.0	1785.6
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	15153.4	0.0	15153.4
	% Fixture	89.5	0.0	89.5
Total	Lumens	16939.0	0.0	16939.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	227.7	1.3
10°-20°	540.6	3.2
20°-30°	836.1	4.9
30°-40°	1517.2	9.0
40°-50°	2863.8	16.9
50°-60°	4138.0	24.4
60°-70°	4404.8	26.0
70°-80°	2334.2	13.8
80°-90°	76.6	0.5
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°	16939.0	100.0
0°-180°	16939.0	100.0



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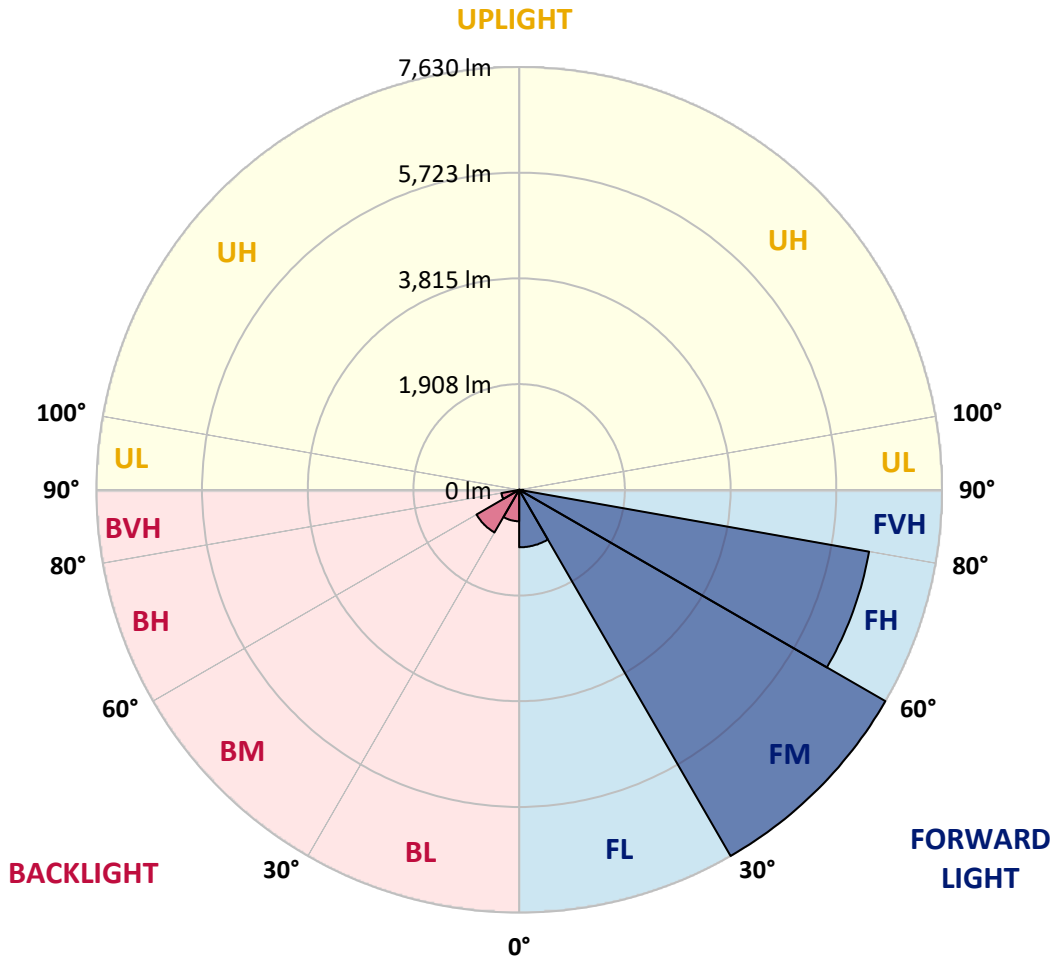
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1037.1	6.1			
FM	(30°-60°)	7630.1	45.0			
FH	(60°-80°)	6411.7	37.9			G3/7500
FVH	(80°-90°)	74.6	0.4			G1/100
BL	(0°-30°)	567.3	3.3	B2/1000		
BM	(30°-60°)	888.9	5.2	B1/1000		
BH	(60°-80°)	327.4	1.9	B1/500		G1/500
BVH	(80°-90°)	2.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	*2642.2*	2642.2
2.5°	2480.7	2503.1	2499.9	2514.9	2520.2	2541.6	2563.0	2591.9	2624.0	*2622.9*	2644.3
5°	2340.5	2363.0	2368.3	2388.7	2414.3	2447.5	2491.3	2549.1	2609.0	*2618.6*	2661.4
7.5°	2174.7	2198.2	2212.2	2252.8	2299.9	2368.3	2440.0	2524.5	2624.0	*2637.9*	2720.3
10°	2008.9	2030.3	2048.5	2106.3	2181.1	2282.8	2399.4	2521.3	2655.0	*2675.3*	2791.9
12.5°	1906.2	1926.5	1946.9	1997.1	2090.2	2214.3	2372.6	2536.3	2706.4	*2735.2*	2889.3
15°	1869.8	1888.0	1904.1	1949.0	2035.7	2176.9	2367.3	2567.3	2771.6	*2810.1*	3006.9
17.5°	1875.2	1884.8	1895.5	1929.8	2014.3	2159.7	2376.9	2620.8	2848.6	*2882.9*	3124.6
20°	1906.2	1911.6	1912.6	1936.2	2011.1	2157.6	2396.1	2672.1	2921.4	*2967.4*	3241.2
22.5°	1945.8	1947.9	1945.8	1961.8	2031.4	2173.6	2421.8	2734.2	3002.7	*3045.5*	3358.9
25°	2130.9	2090.2	2038.9	2007.8	2065.6	2204.7	2460.3	2817.6	3091.5	*3133.2*	3473.3
27.5°	2705.3	2588.7	2404.7	2198.2	2136.2	2249.6	2513.8	2902.1	3181.3	*3218.8*	3596.4
30°	3638.1	3485.1	3172.8	2707.4	2363.0	2343.7	2583.3	2986.6	3276.5	*3317.2*	3727.9
32.5°	4573.0	4535.6	4175.1	3531.1	2873.2	2553.4	2698.9	3101.1	3402.7	*3434.8*	3905.5
35°	5518.6	5442.7	5147.4	4511.0	3659.5	2980.2	2891.4	3250.8	3568.5	*3604.9*	4164.4
37.5°	6242.8	6196.8	6013.9	5489.7	4592.3	3639.1	3220.9	3483.0	3809.2	*3849.9*	4496.0
40°	6882.5	6861.1	6799.1	6453.5	5635.2	4501.3	3733.3	3842.4	4143.0	*4191.1*	4902.5
42.5°	7385.3	7435.5	7470.8	7374.6	6710.3	5485.5	4422.2	4347.3	4608.3	*4657.5*	5420.2
45°	7899.8	7916.9	8059.2	8198.2	7777.8	6514.5	5198.8	4938.8	5187.0	*5248.0*	6040.6
47.5°	8230.3	8298.8	8549.1	8794.1	8675.3	7535.0	6033.2	5637.4	5857.7	*5972.2*	6735.9
50°	8254.9	8384.4	8728.8	9155.6	9328.9	8506.3	6940.3	6433.2	6667.5	*6793.7*	7478.3
52.5°	7845.2	8046.3	8580.1	9204.8	9681.9	9328.9	7878.4	7229.1	7529.7	*7694.4*	8248.5
55°	6015.0	6278.1	8020.7	8937.4	9695.8	9952.6	8791.9	8058.1	8490.3	*8676.4*	9080.7
57.5°	5240.5	5373.1	6305.9	8473.2	9438.0	10203.9	9617.7	8847.6	9535.4	*9766.4*	9867.0
60°	4360.1	4534.5	5288.6	7713.7	9088.2	10228.5	10347.3	9865.9	10668.2	*10928.1*	10588.0
62.5°	2963.1	3152.4	3902.3	6408.6	8610.1	10216.8	10945.2	10914.2	11927.2	*12206.4*	11198.8
65°	1835.6	1954.4	2448.6	5233.0	7941.5	10229.6	11571.0	12187.2	13255.8	*13539.3*	11671.6
67.5°	1450.5	1505.1	1762.9	4017.8	6789.4	9940.8	12195.7	13384.2	14506.3	*14730.9*	11816.0
70°	*974.5*	*1007.7*	*1282.6*	*2693.5*	*5051.2*	*8607.9*	*12184.0*	*13985.4*	*15150.3*	*15262.6*	*11289.7*
72.5°	513.5	539.1	749.9	1247.3	3050.8	6118.7	10270.3	13266.5	14509.5	*14340.5*	9649.8
75°	256.7	299.5	504.9	633.3	1302.9	3412.4	6377.6	10459.6	11420.2	*10765.5*	6191.5
77.5°	194.7	235.3	417.2	417.2	453.6	1148.9	2701.0	5704.8	5261.9	*4381.5*	1817.4
80°	124.1	160.5	364.8	315.6	189.3	292.0	703.9	1598.1	1117.8	*850.4*	330.5
82.5°	72.7	104.8	303.8	208.6	105.9	108.0	199.0	340.2	289.9	*225.7*	101.6
85°	28.9	68.5	208.6	82.4	41.7	26.7	59.9	72.7	59.9	*44.9*	25.7
87.5°	0.0	16.0	36.4	0.0	3.2	2.1	4.3	5.3	5.3	*4.3*	8.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2	2642.2
2.5°	2653.9	2656.1	2662.5	2663.6	2648.6	2629.3	2621.9	2618.6	2605.8	2604.7	2606.9
5°	2686.0	2695.7	2686.0	2658.2	2591.9	2498.8	2428.2	2370.5	2318.1	2302.0	2292.4
7.5°	2750.2	2759.8	2731.0	2621.9	2455.0	2269.9	2103.0	1985.4	1879.5	1839.9	1823.9
10°	2842.2	2855.0	2764.1	2543.8	2248.5	1951.1	1668.7	1469.8	1314.7	1251.6	1224.8
12.5°	2957.7	2963.1	2782.3	2425.0	1980.0	1555.4	1155.3	942.4	804.4	753.1	737.0
15°	3085.0	3077.5	2784.4	2263.5	1614.2	1099.7	754.1	619.4	563.7	546.6	546.6
17.5°	3218.8	3187.7	2741.7	2030.3	1213.0	752.0	559.5	527.4	517.7	513.5	512.4
20°	3350.3	3280.8	2663.6	1725.4	870.7	561.6	508.1	498.5	493.1	491.0	488.9
22.5°	3470.1	3351.4	2529.9	1371.4	632.2	496.3	480.3	471.7	462.1	457.8	456.8
25°	3586.7	3392.0	2341.6	1040.8	506.0	464.3	451.4	435.4	422.5	417.2	415.0
27.5°	3700.1	3417.7	2106.3	770.2	451.4	434.3	410.8	388.3	378.7	376.5	374.4
30°	3821.0	3426.3	1838.8	574.4	418.3	396.9	362.6	337.0	331.6	332.7	332.7
32.5°	3968.6	3439.1	1569.3	470.7	390.4	351.9	311.3	284.5	280.3	284.5	283.5
35°	4145.1	3464.8	1309.3	433.2	365.8	305.9	262.1	239.6	235.3	238.5	237.5
37.5°	4384.7	3506.5	1066.5	425.7	345.5	267.4	220.4	202.2	202.2	203.2	202.2
40°	4703.5	3617.8	849.3	420.4	334.8	238.5	186.1	178.6	181.9	184.0	184.0
42.5°	5091.8	3854.2	702.8	414.0	323.1	225.7	169.0	165.8	171.2	173.3	173.3
45°	5527.2	4153.7	651.5	403.3	312.4	234.3	161.5	157.2	163.7	164.7	165.8
47.5°	5977.5	4446.8	645.0	391.5	301.7	247.1	159.4	149.8	157.2	158.3	159.4
50°	6433.2	4638.3	651.5	373.3	284.5	247.1	160.5	142.3	148.7	151.9	153.0
52.5°	6892.1	4726.0	647.2	333.7	254.6	232.1	160.5	135.9	142.3	144.4	144.4
55°	7337.1	4708.9	581.9	274.9	216.1	205.4	156.2	130.5	134.8	135.9	135.9
57.5°	7689.1	4470.3	461.0	213.9	175.4	171.2	142.3	124.1	127.3	126.2	126.2
60°	7873.0	3946.2	329.5	164.7	138.0	134.8	125.2	115.5	117.7	112.3	111.2
62.5°	7875.2	3253.0	220.4	130.5	110.2	107.0	107.0	103.8	101.6	90.9	87.7
65°	7707.2	2483.9	146.5	103.8	88.8	83.4	89.9	88.8	81.3	66.3	64.2
67.5°	7326.4	1628.1	111.2	81.3	68.5	65.3	71.7	74.9	69.5	55.6	54.6
70°	*6543.4*	*947.8*	*92.0*	*63.1*	*51.3*	*48.1*	*57.8*	*64.2*	*57.8*	*44.9*	*42.8*
72.5°	5435.2	511.3	74.9	47.1	35.3	32.1	46.0	52.4	46.0	33.2	32.1
75°	3526.8	273.8	57.8	31.0	18.2	20.3	34.2	38.5	32.1	21.4	19.3
77.5°	1184.2	120.9	36.4	15.0	8.6	8.6	20.3	23.5	15.0	7.5	6.4
80°	264.2	50.3	15.0	6.4	3.2	3.2	4.3	4.3	2.1	0.0	0.0
82.5°	86.6	20.3	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.2	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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)