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: P1198766

Luminaire Tested: GPC-SB1D-735-U-AFL

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198766
	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-SB1D-735-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10405 lumens
Efficiency:	N/A
Efficacy:	130.7 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G1

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

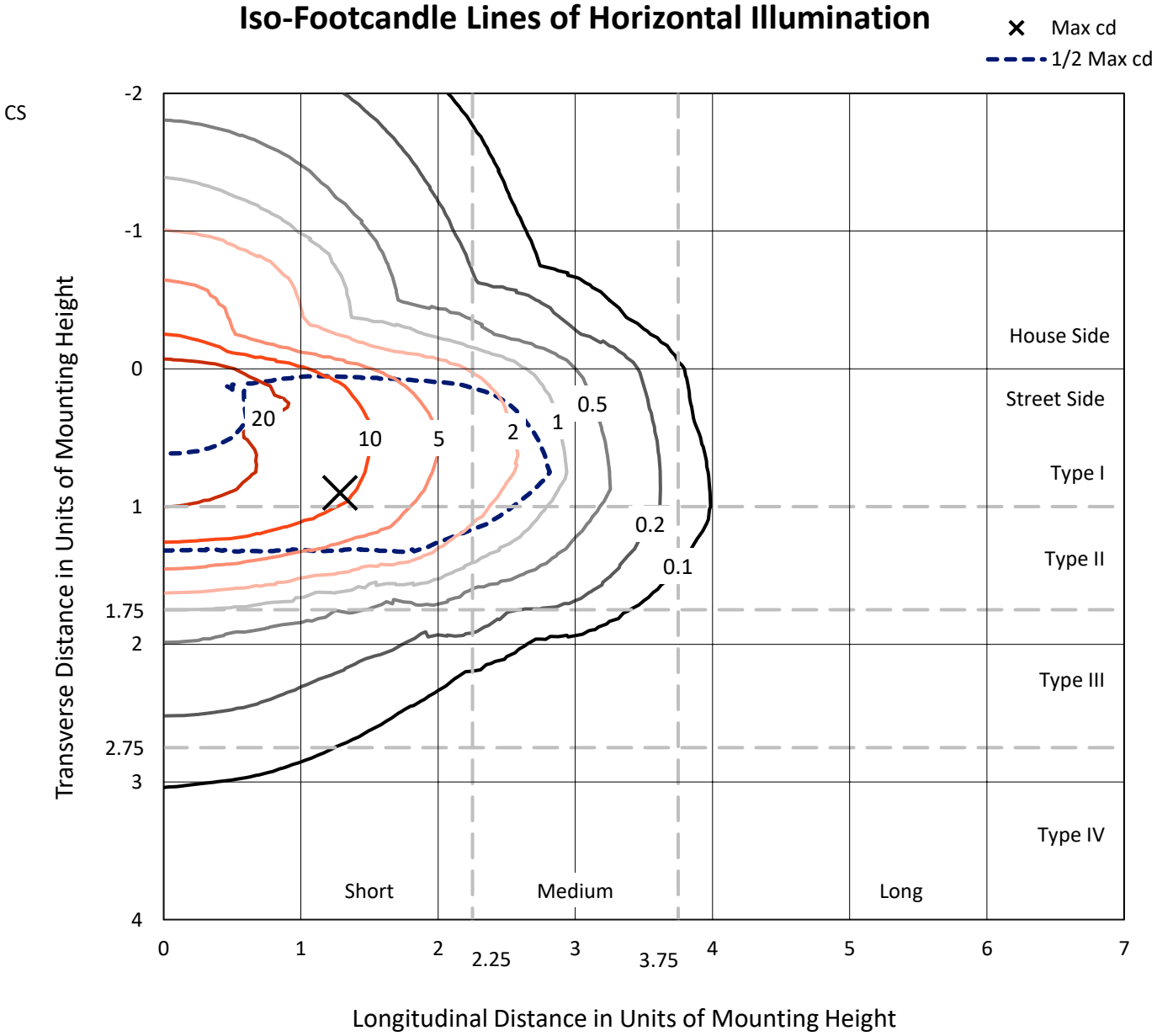


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Iso-Footcandle Lines of Horizontal Illumination



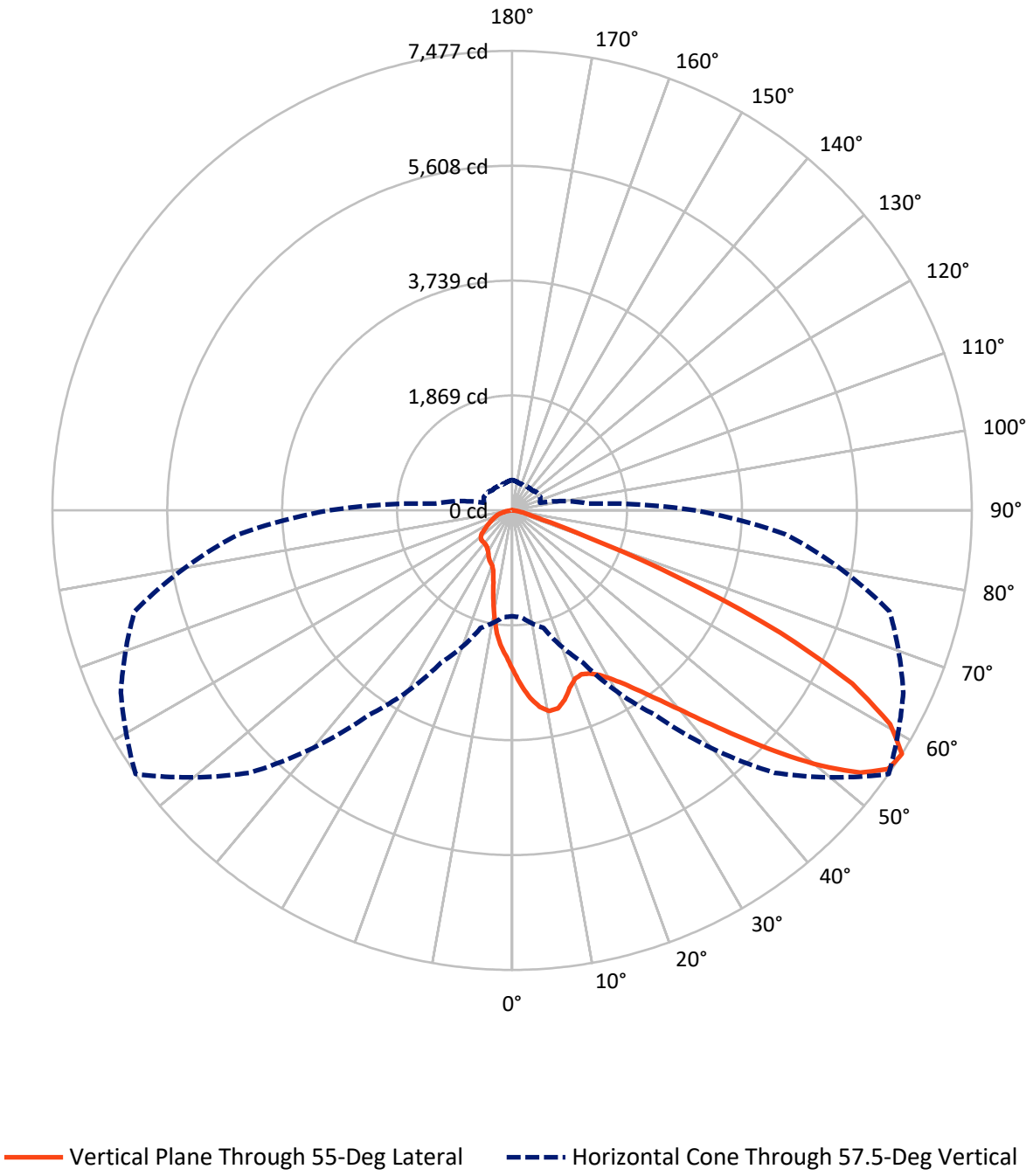
Based on 10 foot mounting height. Maximum calculated value = 31.5 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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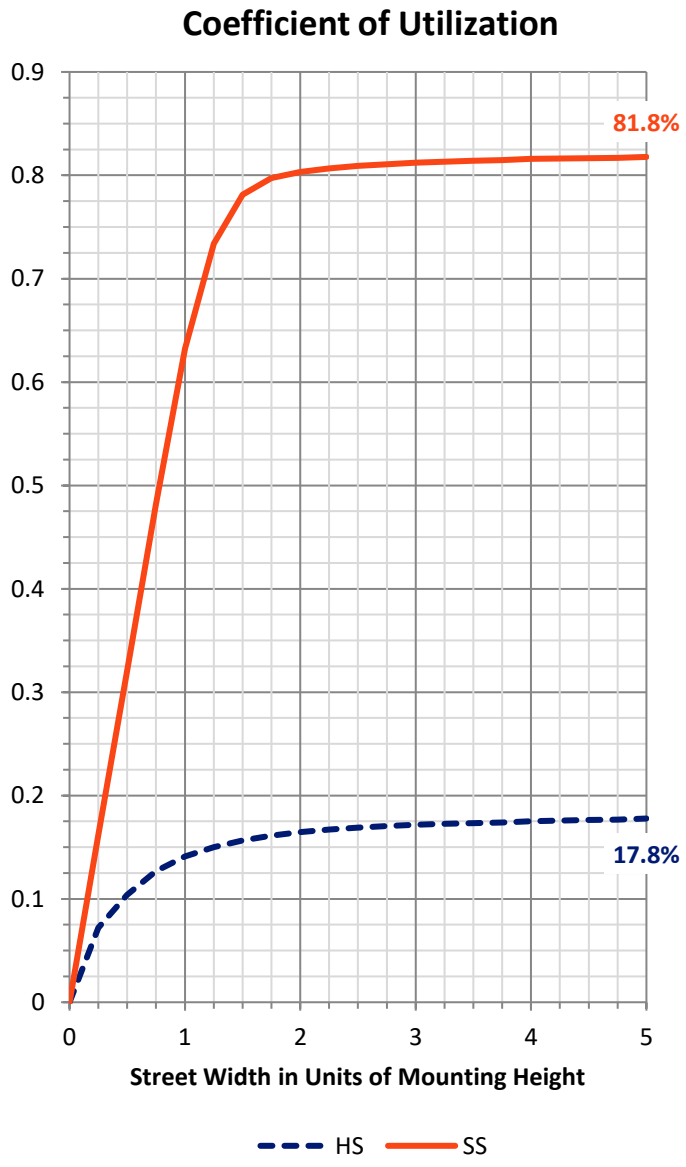
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1882.7	0.0	1882.7
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	8522.3	0.0	8522.3
	% Fixture	81.9	0.0	81.9
Total	Lumens	10405.0	0.0	10405.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.9	2.3
10°-20°	610.6	5.9
20°-30°	974.4	9.4
30°-40°	1542.7	14.8
40°-50°	2361.3	22.7
50°-60°	2529.2	24.3
60°-70°	1591.1	15.3
70°-80°	470.5	4.5
80°-90°	83.2	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°	10405.0	100.0
0°-180°	10405.0	100.0



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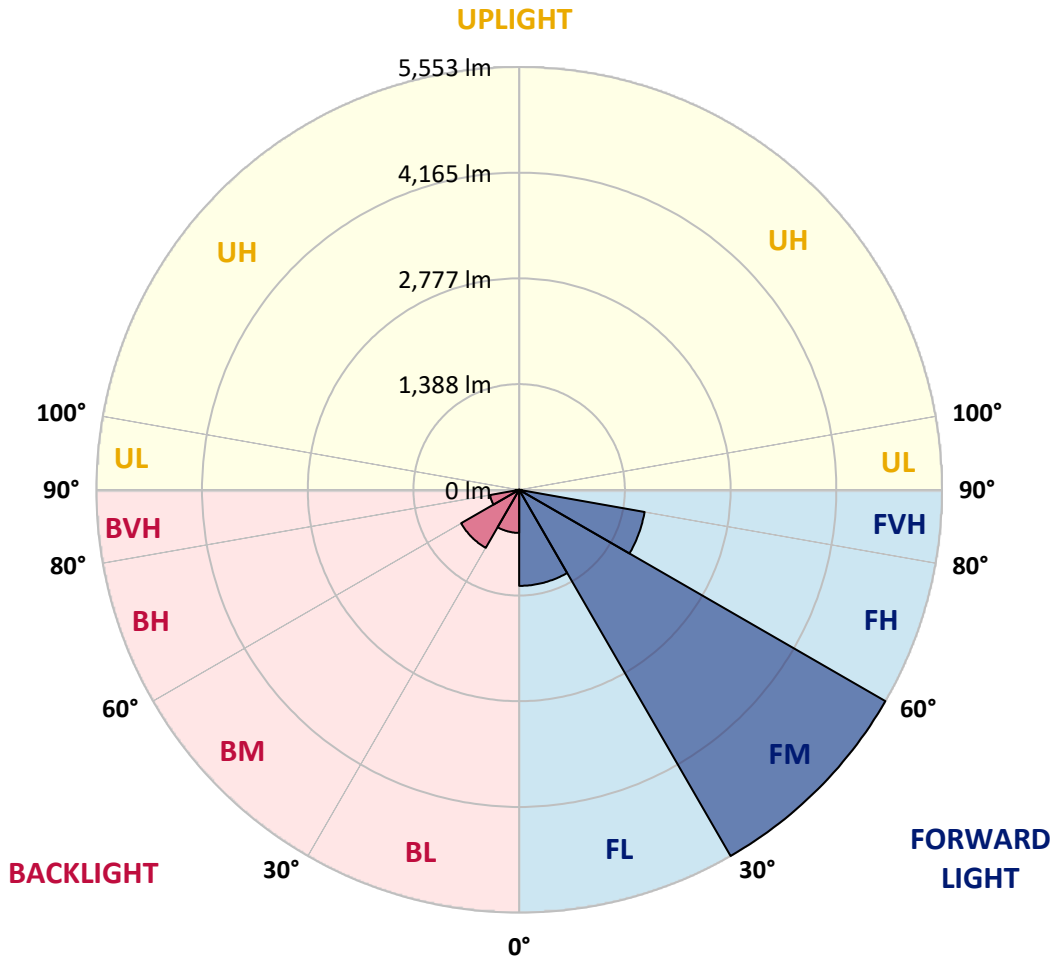
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1261.1	12.1			
FM	(30°-60°)	5553.2	53.4			
FH	(60°-80°)	1672.8	16.1			G1/1800
FVH	(80°-90°)	35.2	0.3			G1/100
BL	(0°-30°)	565.9	5.4	B2/1000		
BM	(30°-60°)	880.0	8.5	B1/1000		
BH	(60°-80°)	388.8	3.7	B1/500		G1/500
BVH	(80°-90°)	48.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2607.2	2607.2	2607.2	2607.2	2607.2	2607.2	*2607.2*	2607.2	2607.2	2607.2	2607.2
2.5°	2991.2	2989.1	3000.9	2960.5	2933.1	2896.0	*2847.1*	2784.7	2717.4	2646.4	2615.8
5°	3260.7	3241.9	3254.2	3224.1	3194.0	3138.1	*3065.4*	2963.8	2839.5	2698.1	2622.8
7.5°	3218.2	3205.3	3237.0	3263.9	3286.5	3279.5	*3226.3*	3119.8	2959.5	2754.0	2644.8
10°	2875.6	2861.0	2905.7	2998.7	3135.4	3254.2	*3318.8*	3252.6	3082.1	2815.3	2666.3
12.5°	2573.3	2566.3	2595.9	2671.2	2822.8	3050.9	*3307.0*	3368.8	3209.6	2887.9	2695.4
15°	2444.2	2435.6	2454.4	2492.6	2589.4	2801.9	*3199.4*	3448.4	3334.9	2971.8	2741.6
17.5°	2415.7	2406.0	2414.1	2434.0	2496.3	2658.3	*3036.9*	3487.7	3465.6	3065.4	2780.4
20°	2468.4	2460.3	2461.4	2460.3	2503.9	2632.4	*2924.0*	3472.6	3579.7	3151.5	2818.0
22.5°	2595.9	2582.4	2583.0	2554.4	2578.1	2677.6	*2894.4*	3432.3	3681.3	3226.8	2846.5
25°	2803.5	2779.3	2784.1	2711.5	2705.1	2778.7	*2940.6*	3401.1	3782.4	3287.0	2851.9
27.5°	3087.5	3060.1	3045.5	2937.4	2885.8	2922.4	*3034.8*	3411.8	3878.2	3339.2	2838.4
30°	3442.5	3409.1	3379.6	3226.3	3132.7	3119.2	*3181.1*	3482.8	3991.1	3394.1	2815.3
32.5°	3877.7	3838.9	3785.1	3581.8	3450.0	3379.6	*3370.4*	3609.2	4123.5	3464.0	2803.5
35°	4395.6	4345.1	4268.7	4005.7	3838.9	3694.8	*3620.0*	3791.6	4304.7	3569.4	2816.9
37.5°	4929.2	4872.2	4802.3	4489.2	4284.3	4071.8	*3924.4*	4039.0	4546.3	3712.5	2852.4
40°	5421.4	5357.4	5292.3	5013.7	4793.7	4537.6	*4297.2*	4352.1	4841.6	3883.6	2912.7
42.5°	5711.9	5664.5	5639.8	5489.2	5319.2	5059.4	*4760.9*	4723.2	5173.4	4080.4	2981.5
45°	5698.9	5679.6	5756.0	5818.4	5778.0	5633.9	*5304.1*	5133.6	5506.4	4250.9	3045.0
47.5°	5394.5	5407.4	5577.9	5928.6	6083.0	6158.3	*5922.7*	5536.5	5795.8	4378.4	3073.5
50°	4566.2	4576.9	4971.7	5728.0	6161.5	6585.9	*6536.4*	5929.7	6020.1	4456.4	3067.1
52.5°	3910.5	3917.5	4086.9	5133.1	5902.3	6801.1	*7089.4*	6300.3	6184.1	4477.9	3031.0
55°	2945.5	2969.7	3159.6	4027.2	5227.8	6630.6	*7426.1*	6682.2	6287.9	4480.1	2993.4
57.5°	*1720.7*	*1747.1*	*1981.6*	*2733.6*	*4063.2*	*6036.2*	*7477.2*	*7021.1*	*6358.4*	*4462.9*	*2970.8*
60°	842.9	854.2	956.4	1436.7	2505.5	4891.0	*7066.3*	7185.1	6397.7	4453.7	2969.7
62.5°	568.0	566.4	570.7	708.9	1234.5	3142.4	*6209.9*	6897.9	6376.7	4418.8	2958.9
65°	488.4	482.5	466.4	497.5	639.6	1437.2	*4798.0*	6040.5	6216.9	4331.1	2885.2
67.5°	422.2	422.8	423.3	413.6	456.7	663.2	*2932.0*	4758.2	5643.5	3915.8	2601.2
70°	349.6	354.5	356.6	356.6	372.2	435.2	*1251.7*	3261.2	4451.6	3070.3	2095.1
72.5°	318.4	308.2	309.3	303.9	303.9	331.3	*504.0*	1848.7	2804.6	1727.2	1278.6
75°	259.8	266.3	267.3	263.6	251.2	252.8	*299.1*	775.6	1200.0	716.5	632.0
77.5°	224.3	224.3	226.5	223.8	214.1	189.3	*199.6*	300.7	408.3	293.7	315.7
80°	180.2	179.7	188.8	194.2	179.1	139.9	*127.5*	166.2	181.3	129.1	164.1
82.5°	87.7	93.1	129.6	147.9	136.1	101.1	*78.0*	103.3	96.8	57.0	73.7
85°	51.1	48.4	58.1	82.3	78.0	55.9	*37.7*	53.8	50.6	29.0	29.6
87.5°	16.1	15.1	11.8	28.0	22.6	15.6	*10.2*	15.6	14.0	6.5	6.5
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°	2607.2	2607.2	2607.2	2607.2	2607.2	2607.2	2607.2	2607.2	2607.2	2607.2
2.5°	2577.6	2514.1	2451.2	2393.6	2358.6	2336.1	2313.5	2288.2	2278.5	2264.0
5°	2551.8	2429.1	2319.9	2225.8	2140.3	2073.0	2005.3	1950.4	1925.6	1942.3
7.5°	2536.7	2359.2	2190.8	2018.2	1852.0	1719.1	1603.5	1522.2	1485.7	1494.8
10°	2523.2	2280.1	2023.5	1750.8	1512.0	1347.4	1229.1	1167.2	1144.1	1148.9
12.5°	2510.9	2191.4	1821.8	1463.1	1209.2	1100.5	1066.6	1067.2	1071.5	1074.7
15°	2508.7	2084.3	1596.5	1211.3	1045.7	1038.7	1075.2	1098.4	1110.7	1114.5
17.5°	2505.5	1956.3	1366.8	1039.7	1005.9	1053.2	1087.1	1102.1	1111.8	1112.4
20°	2492.6	1793.9	1154.9	958.0	997.2	1038.1	1059.1	1070.9	1079.0	1081.7
22.5°	2452.8	1613.1	989.7	921.4	962.8	995.6	1020.4	1033.8	1038.7	1041.9
25°	2381.2	1410.9	875.7	886.4	915.0	956.4	976.3	979.0	977.3	982.2
27.5°	2287.6	1194.1	804.7	839.1	875.7	911.2	921.9	920.3	917.1	922.5
30°	2174.7	999.4	759.5	785.9	835.9	868.2	877.8	874.1	867.6	873.5
32.5°	2055.3	840.2	722.4	748.7	803.1	834.8	844.5	840.7	835.9	840.7
35°	1943.9	728.8	688.0	724.0	777.3	808.4	820.8	821.4	821.4	827.3
37.5°	1841.7	663.8	659.5	708.4	759.5	787.5	805.2	806.3	783.2	784.8
40°	1747.1	636.3	646.5	698.2	742.3	769.2	770.3	710.0	667.5	666.4
42.5°	1669.6	630.9	650.3	697.1	729.9	731.0	655.2	608.4	596.5	597.1
45°	1597.0	629.3	658.9	697.1	711.6	631.5	580.4	568.0	569.1	573.4
47.5°	1515.8	622.9	660.5	687.4	658.9	561.6	546.5	541.1	539.0	540.0
50°	1427.0	599.7	640.1	668.1	568.6	531.4	512.6	511.0	513.7	515.3
52.5°	1333.4	562.1	605.1	633.1	527.1	505.1	484.1	487.9	499.7	503.5
55°	1272.1	518.0	558.9	563.2	498.1	480.3	462.6	471.2	493.2	500.2
57.5°	*1256.0*	*471.2*	*506.2*	*501.3*	*461.0*	*458.8*	*448.1*	*455.6*	*483.6*	*493.8*
60°	1251.1	429.2	454.5	450.8	424.9	435.2	432.5	436.2	445.9	449.1
62.5°	1213.5	395.9	408.3	402.9	392.7	410.4	416.9	408.8	416.3	420.1
65°	1117.7	369.0	363.1	359.3	363.6	379.8	392.7	376.5	383.5	394.3
67.5°	959.6	332.4	316.3	320.6	334.0	342.6	359.3	341.0	346.9	365.2
70°	776.2	286.2	271.6	284.0	296.9	314.7	317.4	305.0	319.0	339.4
72.5°	549.2	239.4	229.1	254.4	258.7	281.9	275.9	270.0	289.4	296.4
75°	380.8	193.1	187.2	206.5	222.1	242.1	237.7	244.7	285.6	288.8
77.5°	241.0	150.1	146.3	158.7	180.2	202.2	209.2	288.8	487.9	507.2
80°	139.9	111.9	107.6	117.3	136.1	156.5	201.7	354.5	321.7	317.9
82.5°	78.0	76.9	71.5	74.2	90.9	113.0	285.1	249.6	202.8	209.2
85°	36.6	45.2	38.7	37.1	51.1	132.3	190.4	142.5	94.7	92.5
87.5°	9.7	8.6	8.6	9.7	21.5	114.0	75.8	60.8	36.0	35.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)