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: P1198765

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198765
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-735-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8722 lumens
Efficiency:	N/A
Efficacy:	109.6 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):	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

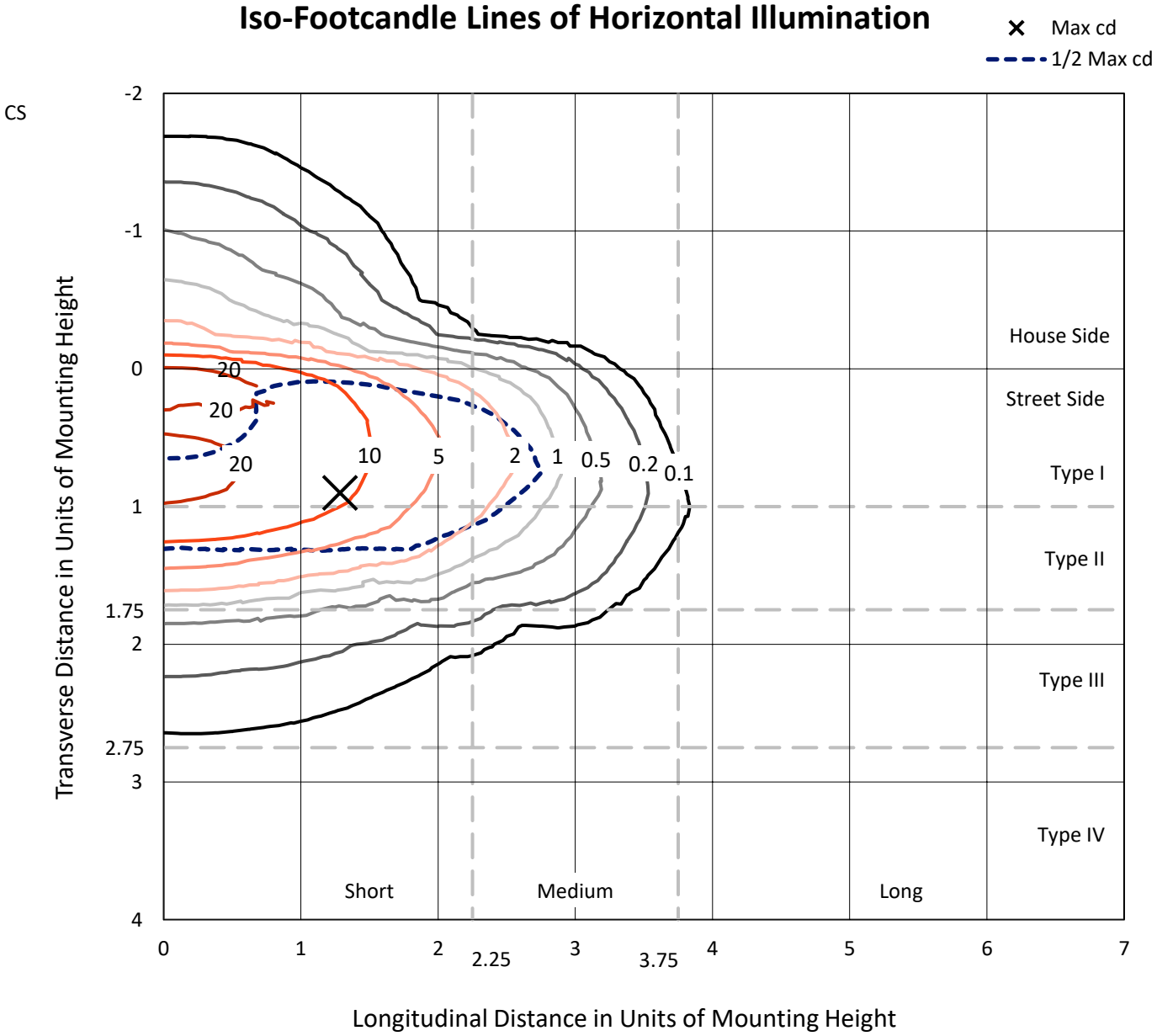


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Iso-Footcandle Lines of Horizontal Illumination



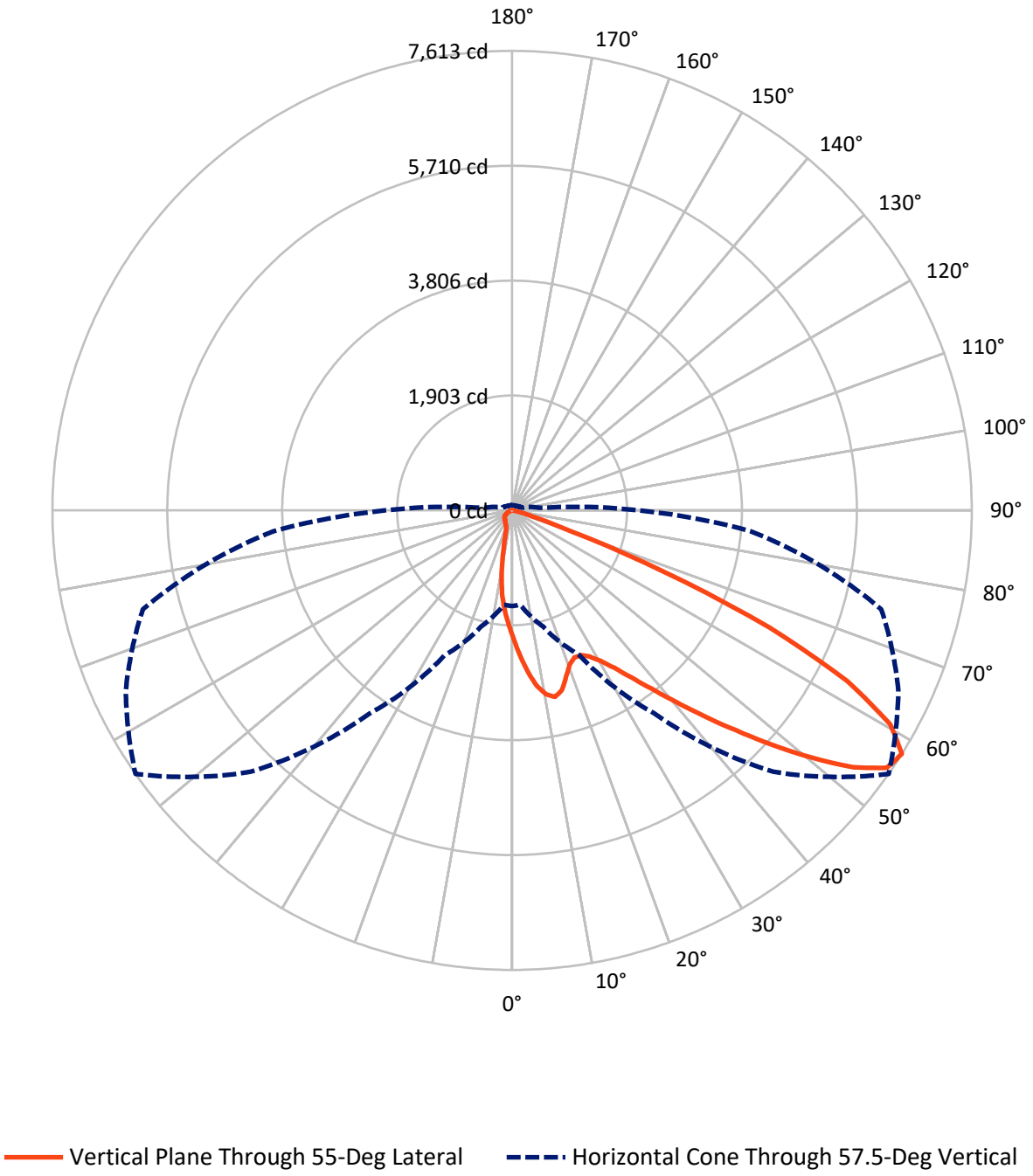
Based on 10 foot mounting height. Maximum calculated value = 30.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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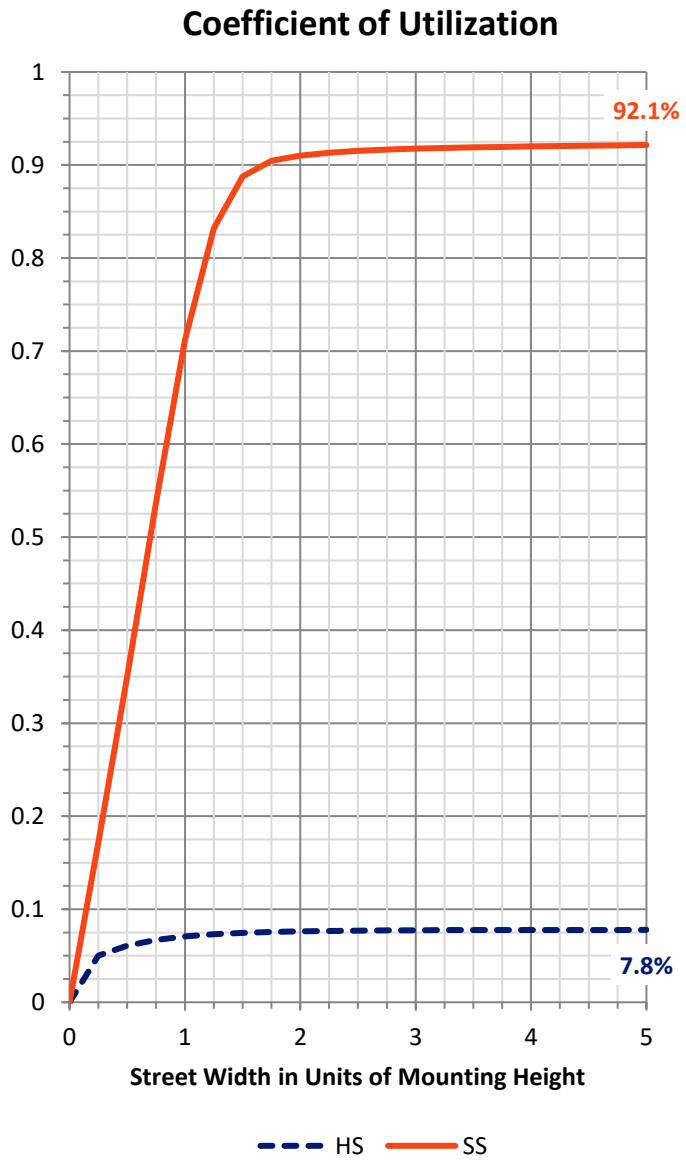
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	681.1	0.0	681.1
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	8040.8	0.0	8040.8
	% Fixture	92.2	0.0	92.2
Total	Lumens	8722.0	0.0	8722.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.6	2.2
10°-20°	472.4	5.4
20°-30°	755.8	8.7
30°-40°	1279.2	14.7
40°-50°	2100.2	24.1
50°-60°	2308.3	26.5
60°-70°	1324.0	15.2
70°-80°	270.5	3.1
80°-90°	16.0	0.2
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°	8722.0	100.0
0°-180°	8722.0	100.0



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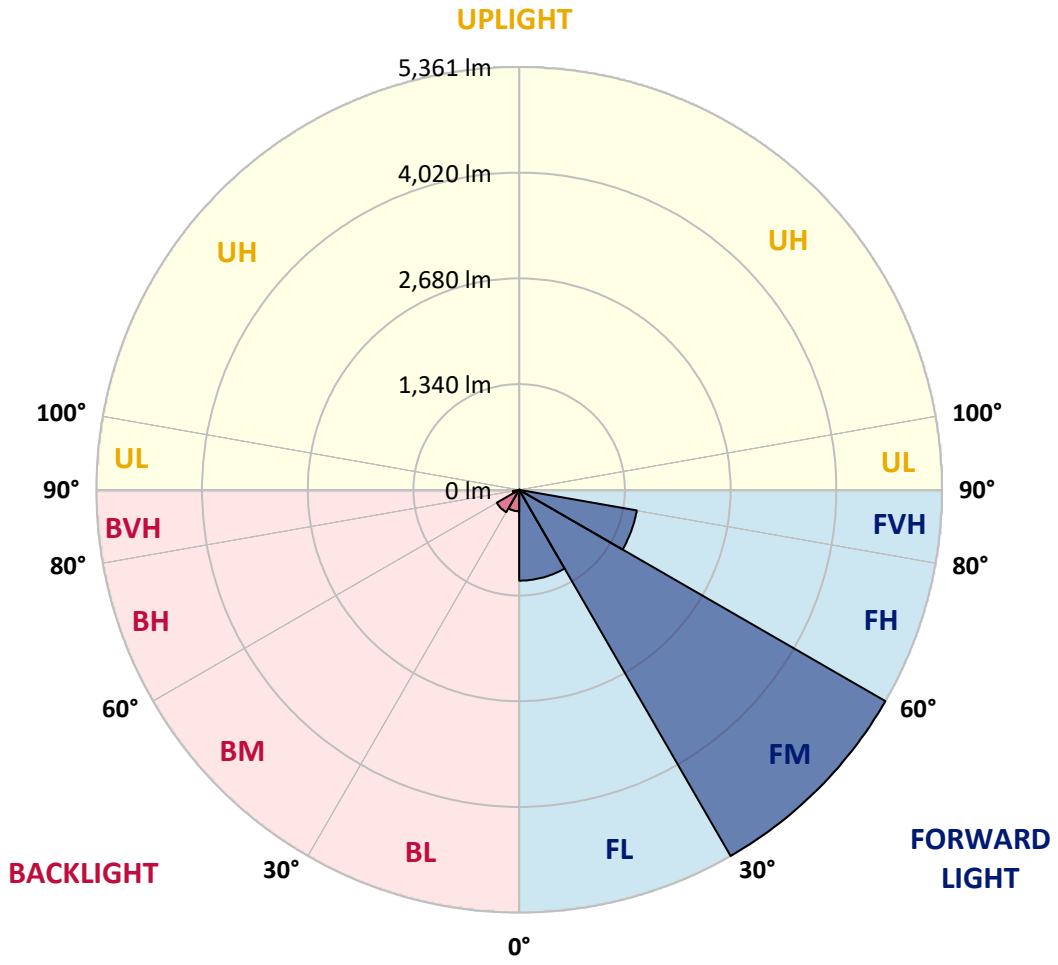
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1151.8	13.2			
FM	(30°-60°)	5360.6	61.5			
FH	(60°-80°)	1513.6	17.4			G1/1800
FVH	(80°-90°)	14.9	0.2			G1/100
BL	(0°-30°)	271.9	3.1	B1/500		
BM	(30°-60°)	327.1	3.8	B1/1000		
BH	(60°-80°)	81.0	0.9	B0/110		G0/110
BVH	(80°-90°)	1.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	2101.8	2101.8	2101.8	2101.8	2101.8	2101.8	*2101.8*	2101.8	2101.8	2101.8	2101.8
2.5°	2607.9	2575.1	2570.2	2563.8	2501.4	2454.6	*2386.8*	2312.6	2229.2	2144.3	2106.6
5°	3012.8	2987.0	2982.2	2952.1	2881.1	2801.5	*2681.0*	2528.8	2373.4	2190.5	2112.0
7.5°	3091.4	3086.5	3108.6	3107.5	3097.8	3034.9	*2933.3*	2752.0	2518.6	2247.5	2126.0
10°	2741.3	2753.6	2819.2	2876.8	3032.2	3122.6	*3100.5*	2951.0	2668.1	2312.6	2141.6
12.5°	2422.3	2407.8	2454.6	2519.7	2700.4	2969.3	*3169.9*	3117.2	2839.1	2386.3	2164.7
15°	2222.3	2216.3	2242.7	2272.8	2410.5	2681.6	*3089.2*	3252.2	3003.7	2473.4	2199.7
17.5°	2158.3	2153.4	2161.5	2169.0	2258.3	2468.0	*2897.2*	3335.0	3161.3	2572.9	2238.4
20°	2210.4	2204.0	2202.9	2197.0	2234.1	2377.1	*2723.5*	3340.9	3302.7	2663.3	2271.7
22.5°	2362.6	2355.1	2328.7	2305.1	2308.3	2389.5	*2646.1*	3281.8	3409.2	2747.7	2292.7
25°	2638.5	2626.2	2571.3	2491.7	2441.1	2475.6	*2657.9*	3203.8	3510.9	2813.9	2282.5
27.5°	2983.8	2967.7	2897.2	2778.9	2663.3	2621.3	*2743.4*	3150.0	3595.3	2864.4	2260.4
30°	3322.1	3301.1	3231.7	3139.8	2970.9	2838.6	*2897.8*	3173.7	3695.9	2917.1	2231.4
32.5°	3687.3	3667.4	3575.4	3461.4	3321.6	3143.5	*3109.1*	3289.3	3819.0	2990.8	2211.0
35°	4149.3	4118.1	3987.4	3831.9	3683.5	3503.3	*3395.2*	3488.8	3983.1	3103.2	2222.3
37.5°	4675.2	4633.3	4492.4	4277.8	4084.2	3882.5	*3743.7*	3763.1	4223.5	3253.8	2257.2
40°	5171.1	5132.9	5002.8	4800.6	4557.5	4312.8	*4164.9*	4121.8	4555.3	3437.2	2318.5
42.5°	5468.5	5434.1	5379.2	5293.7	5088.8	4839.3	*4652.7*	4559.6	4947.9	3656.6	2393.3
45°	5485.2	5455.1	5528.8	5628.3	5587.9	5421.7	*5194.2*	5023.7	5342.1	3862.6	2470.7
47.5°	5218.4	5198.0	5421.7	5769.2	5942.3	6012.3	*5802.5*	5449.2	5667.5	4010.5	2502.5
50°	4491.3	4483.8	4944.1	5582.0	6077.3	6529.6	*6444.1*	5845.0	5919.7	4086.9	2472.3
52.5°	3894.3	3866.9	4135.3	4982.9	5881.0	6801.8	*7071.2*	6233.3	6096.2	4101.4	2401.9
55°	2953.7	2929.5	3266.2	3980.4	5248.0	6705.0	*7530.0*	6634.0	6222.5	4064.3	2275.5
57.5°	*1584.4*	*1569.3*	*1994.8*	*2649.3*	*4102.5*	*6124.1*	*7612.8*	*7057.8*	*6329.0*	*3965.9*	*2098.6*
60°	616.9	614.2	773.4	1285.4	2493.3	4982.3	*7194.9*	7312.2	6395.7	3844.9	1950.7
62.5°	373.2	381.3	407.1	577.1	1101.4	3095.1	*6231.7*	7022.8	6440.4	3734.1	1828.6
65°	308.7	309.2	312.5	396.4	527.6	1295.1	*4691.4*	6070.9	6330.1	3536.7	1655.4
67.5°	264.6	269.4	281.8	314.6	372.2	567.9	*2700.9*	4702.7	5659.4	3077.4	1385.4
70°	208.7	215.1	230.7	258.7	287.2	355.5	*998.2*	3129.0	4323.5	2319.6	1047.7
72.5°	175.9	175.3	183.4	210.3	228.0	250.1	*384.0*	1753.3	2512.7	1107.4	518.5
75°	136.1	141.4	151.7	175.9	186.6	181.2	*208.1*	640.5	900.3	335.6	176.4
77.5°	106.5	110.8	119.9	143.6	154.4	128.5	*119.9*	229.1	289.3	120.5	79.6
80°	47.9	51.6	81.7	105.9	125.8	88.7	*65.1*	117.2	128.5	54.9	40.3
82.5°	8.6	14.5	47.9	55.9	64.5	57.5	*33.9*	60.8	62.9	22.1	14.0
85°	0.5	1.1	16.7	20.4	25.8	18.8	*10.2*	24.2	21.0	7.5	5.4
87.5°	0.0	0.0	0.0	0.5	0.5	2.7	*3.2*	4.3	3.2	2.7	2.2
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°	2101.8	2101.8	2101.8	2101.8	2101.8	2101.8	2101.8	2101.8	2101.8	2101.8
2.5°	2067.9	1991.5	1917.3	1856.5	1821.0	1760.8	1721.0	1714.6	1697.9	1712.4
5°	2028.1	1891.5	1753.3	1629.6	1527.9	1396.7	1298.8	1257.4	1221.4	1233.8
7.5°	2009.3	1793.6	1578.5	1367.1	1149.9	940.1	784.1	719.1	669.6	676.6
10°	1984.0	1692.0	1354.8	1032.1	741.1	534.1	426.5	386.7	364.6	365.2
12.5°	1964.6	1570.4	1095.0	699.7	451.2	341.0	307.6	298.0	291.5	292.0
15°	1955.0	1427.4	838.5	466.3	322.7	288.8	280.7	276.4	272.1	271.6
17.5°	1938.8	1268.2	613.6	340.4	282.4	270.5	263.5	258.7	253.3	252.2
20°	1914.6	1087.5	448.5	287.7	264.6	255.5	245.8	239.3	232.9	231.8
22.5°	1870.0	896.5	344.7	266.2	251.7	241.5	229.6	222.1	215.7	214.6
25°	1787.2	717.4	290.4	252.8	240.4	228.0	215.1	204.9	199.0	197.9
27.5°	1682.3	563.6	263.5	240.4	225.9	214.6	200.1	190.4	185.0	183.9
30°	1558.6	434.0	247.9	226.4	208.7	199.0	186.1	178.0	174.8	174.8
32.5°	1425.2	346.9	241.5	212.4	193.6	182.9	172.6	169.4	168.3	167.8
35°	1299.9	301.2	238.3	201.1	180.2	170.0	165.6	166.2	168.3	168.3
37.5°	1188.6	286.7	236.6	193.1	168.3	159.2	161.9	166.7	164.6	164.6
40°	1088.0	288.3	235.6	187.2	158.7	153.3	158.7	154.9	149.5	149.0
42.5°	1011.1	301.7	233.4	182.3	152.7	149.0	146.8	140.9	140.4	141.4
45°	955.2	313.5	232.9	180.2	146.3	139.3	136.6	130.7	141.4	144.1
47.5°	889.0	313.5	232.9	172.6	135.5	132.8	128.5	122.1	132.8	135.5
50°	803.5	293.6	223.7	164.0	126.9	125.3	117.8	109.7	107.6	109.2
52.5°	695.4	257.6	200.6	152.2	118.3	115.1	105.9	100.0	98.4	98.4
55°	572.2	215.7	169.4	135.0	109.2	103.3	96.8	94.1	92.5	91.4
57.5°	*465.2*	*176.9*	*136.1*	*119.9*	*100.6*	*93.0*	*90.9*	*87.7*	*85.0*	*83.4*
60°	381.8	139.3	112.4	106.5	92.0	85.0	84.4	80.1	73.1	72.1
62.5°	294.7	102.2	94.7	92.5	83.4	77.4	76.4	67.8	57.0	54.9
65°	208.1	79.6	76.4	81.2	74.2	68.8	66.2	53.2	41.9	40.3
67.5°	146.3	66.7	60.2	71.0	64.5	57.5	55.9	45.2	35.0	33.9
70°	104.3	54.3	49.5	60.8	51.6	50.6	47.3	37.6	28.5	27.4
72.5°	73.7	41.4	38.2	52.7	35.5	43.6	38.7	29.0	21.5	20.4
75°	54.3	29.6	26.9	30.7	25.8	32.8	27.4	19.4	13.4	12.9
77.5°	39.8	18.8	16.1	15.1	15.1	20.4	15.1	8.1	5.9	5.4
80°	28.0	8.6	7.5	6.5	5.9	4.8	2.2	1.1	0.5	0.5
82.5°	16.7	3.8	3.8	2.7	1.6	0.0	0.0	0.0	0.0	0.0
85°	3.8	1.6	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	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

(END OF REPORT)