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: P1199262

Luminaire Tested: GPC-SB2A-735-U-T4FT-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1199262
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB2A-735-U-T4FT-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV FORWARD THRC OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6791 lumens
Efficiency:	N/A
Efficacy:	118.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	57.3
Input Voltage (V):	120.0
Input Current (Ain):	0.484
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.038
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

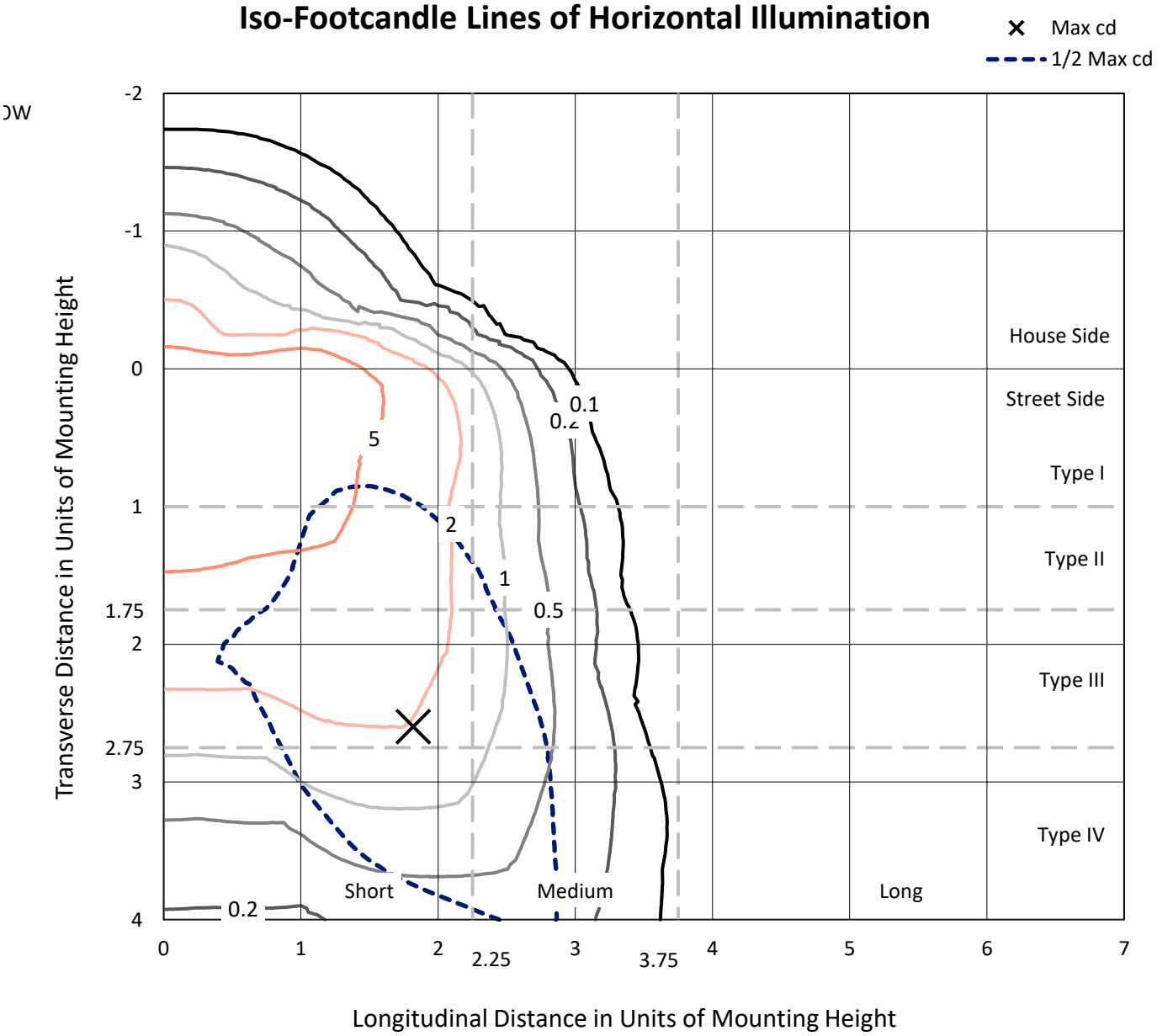


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Iso-Footcandle Lines of Horizontal Illumination



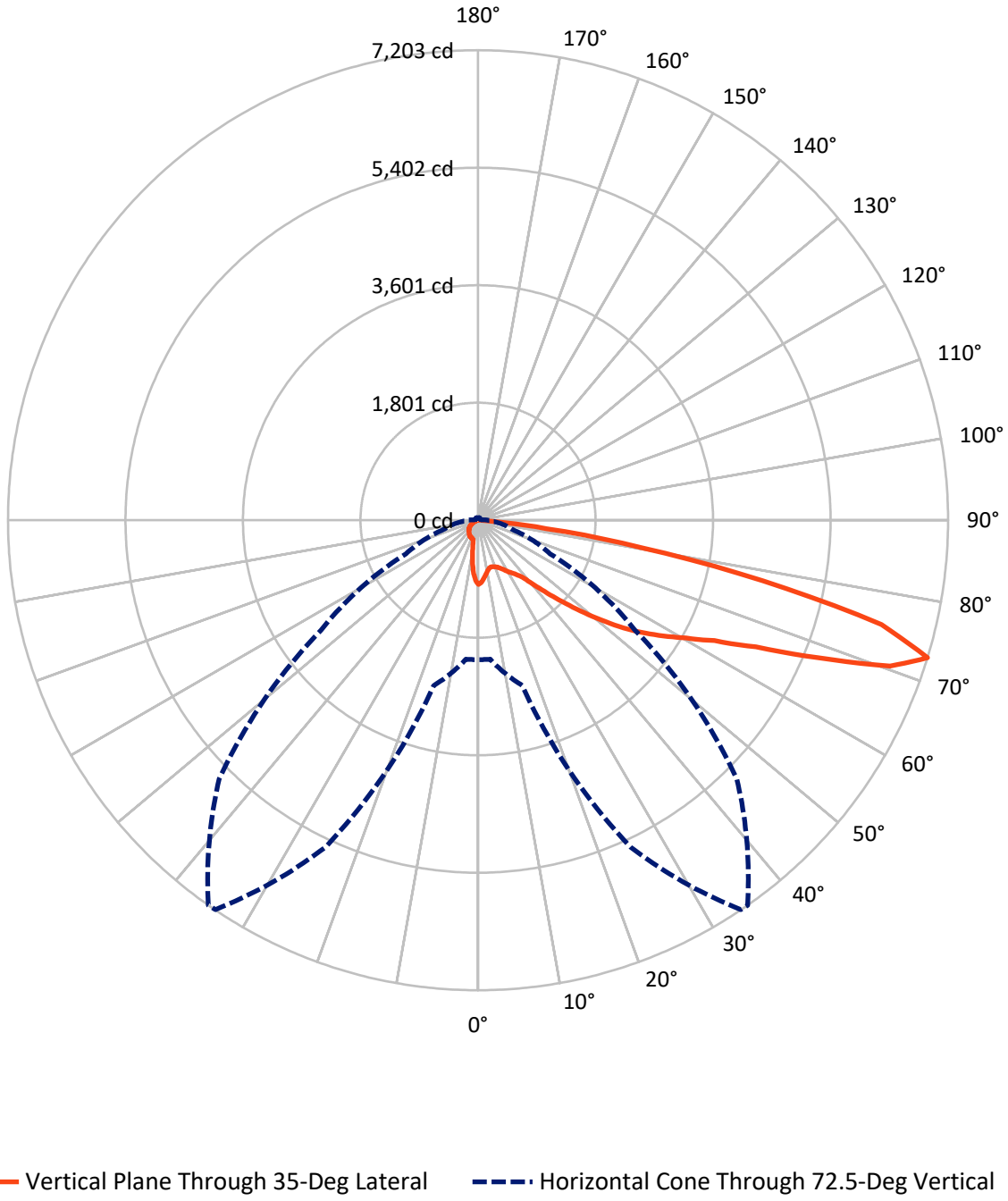
Based on 10 foot mounting height. Maximum calculated value = 9.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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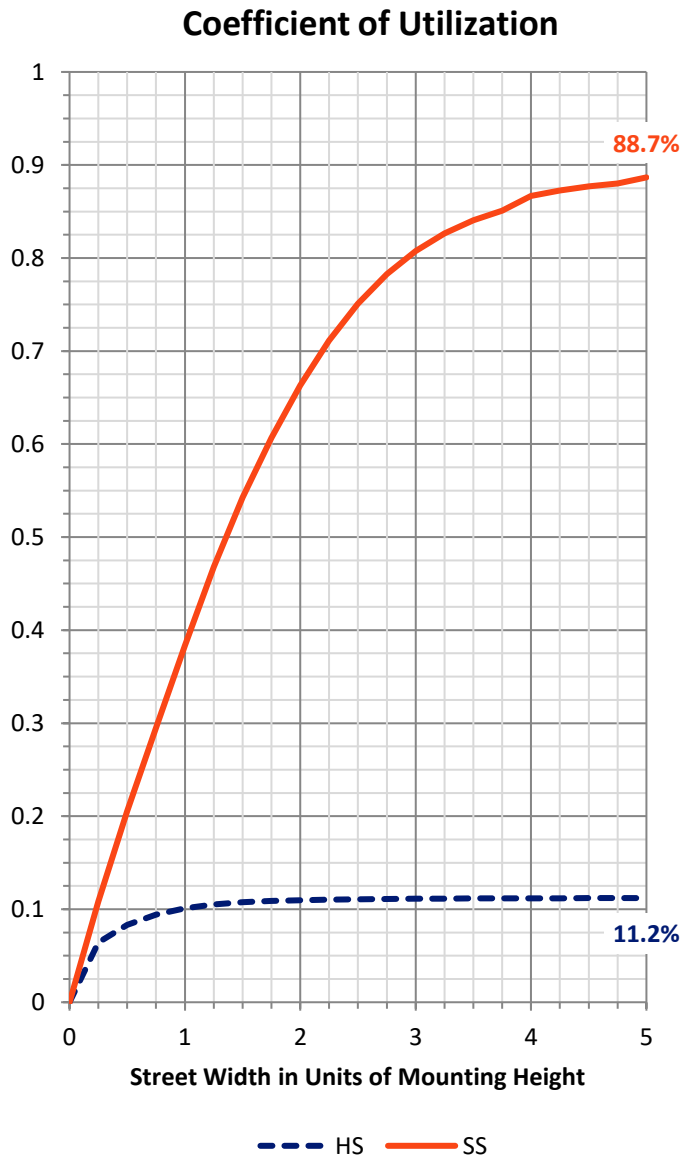
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	764.3	0.0	764.3
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	6026.7	0.0	6026.7
	% Fixture	88.7	0.0	88.7
Total	Lumens	6791.0	0.0	6791.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	1.2
10°-20°	189.2	2.8
20°-30°	307.4	4.5
30°-40°	512.8	7.6
40°-50°	970.3	14.3
50°-60°	1541.8	22.7
60°-70°	1907.3	28.1
70°-80°	1185.6	17.5
80°-90°	95.8	1.4
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°	6791.0	100.0
0°-180°	6791.0	100.0



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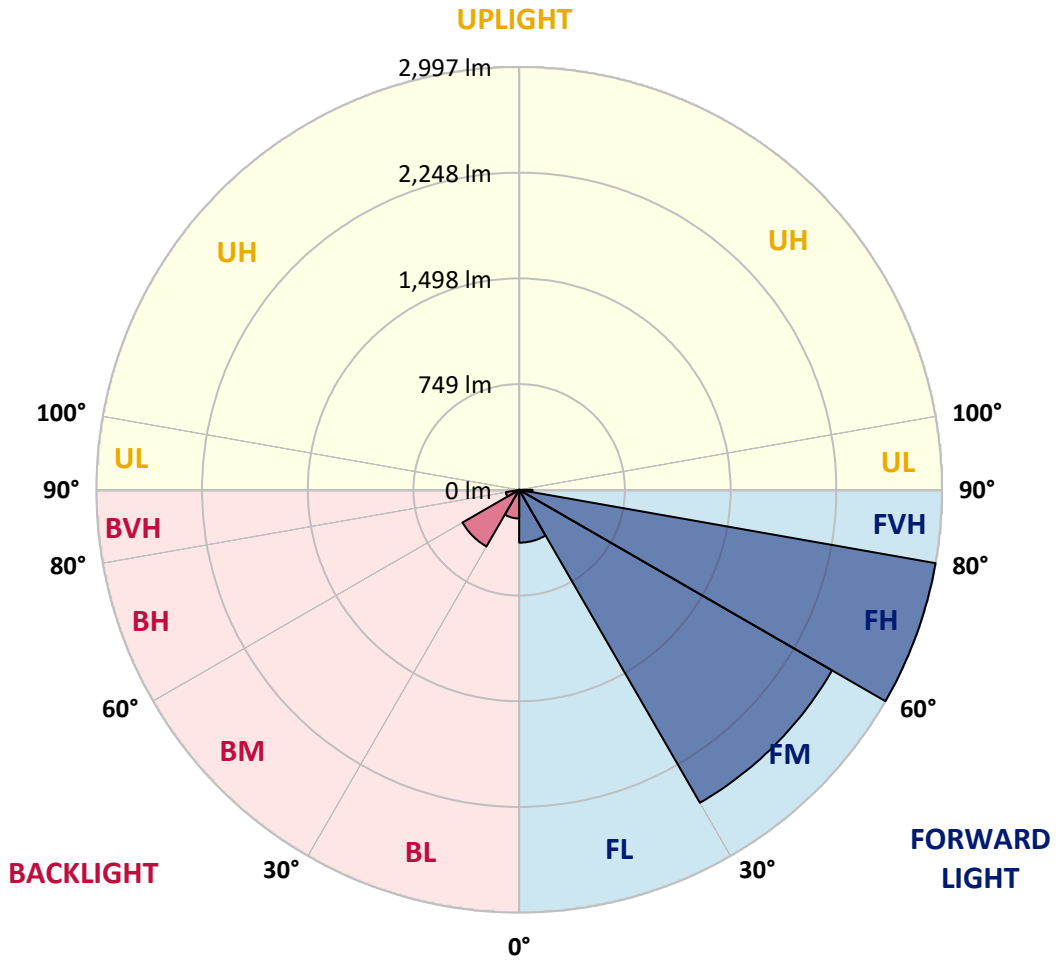
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	374.4	5.5			
FM	(30°-60°)	2560.9	37.7			
FH	(60°-80°)	2997.0	44.1			G2/5000
FVH	(80°-90°)	94.5	1.4			G1/100
BL	(0°-30°)	203.1	3.0	B1/500		
BM	(30°-60°)	464.0	6.8	B1/1000		
BH	(60°-80°)	95.9	1.4	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	984.2	984.2	984.2	984.2	984.2	*984.2*	984.2	984.2	984.2	984.2	984.2
2.5°	940.5	948.4	949.9	952.4	952.4	*955.4*	960.4	967.3	978.8	984.7	988.7
5°	866.8	872.8	880.2	886.2	897.7	*899.2*	918.6	937.5	963.8	983.7	997.7
7.5°	792.7	799.6	809.6	824.0	838.9	*843.4*	872.8	904.6	946.4	983.7	1007.1
10°	740.4	740.9	749.9	764.3	788.2	*793.7*	829.5	874.8	927.0	977.8	1016.1
12.5°	711.1	714.5	718.5	729.5	752.4	*755.8*	794.2	847.4	907.6	974.3	1026.5
15°	711.1	713.6	716.0	721.5	739.9	*742.9*	776.7	830.0	897.7	975.8	1043.5
17.5°	718.5	722.5	720.5	727.0	746.4	*748.4*	778.2	825.0	897.2	985.2	1069.3
20°	736.4	739.4	735.4	739.4	758.8	*762.8*	793.7	834.5	905.6	1001.7	1101.7
22.5°	764.8	766.3	756.8	759.8	779.7	*784.7*	820.5	861.3	926.0	1028.0	1145.0
25°	800.6	803.6	789.2	792.7	811.6	*817.5*	858.8	901.6	958.4	1064.4	1200.2
27.5°	841.9	843.4	831.0	830.5	854.9	*863.3*	905.1	951.4	1001.7	1110.1	1269.9
30°	889.2	893.7	881.7	879.7	910.6	*917.6*	958.9	1012.6	1065.4	1178.8	1368.9
32.5°	926.5	930.0	923.0	928.0	959.4	*964.8*	1024.1	1099.2	1165.4	1276.3	1503.7
35°	980.3	982.3	966.3	975.3	1011.1	*1025.0*	1113.1	1220.6	1291.3	1398.7	1679.9
37.5°	1174.8	1174.8	1107.1	1062.9	1097.2	*1109.6*	1235.0	1373.4	1446.5	1562.9	1901.8
40°	1444.0	1439.5	1340.5	1250.0	1245.5	*1269.9*	1408.7	1565.9	1647.0	1760.0	2151.6
42.5°	1731.1	1724.2	1589.3	1499.8	1484.8	*1493.3*	1609.2	1803.3	1885.9	2000.3	2420.3
45°	1985.9	1983.9	1860.5	1740.1	1713.2	*1740.1*	1859.5	2080.9	2140.2	2260.6	2688.5
47.5°	2199.4	2199.4	2109.3	2030.7	2016.8	*2032.7*	2198.4	2389.0	2383.5	2537.7	2949.7
50°	2445.2	2443.2	2357.6	2323.8	2338.2	*2360.6*	2588.5	2713.4	2635.3	2809.9	3183.1
52.5°	2617.4	2629.3	2599.9	2594.5	2668.1	*2706.9*	2984.6	3030.9	2860.7	3068.2	3357.8
55°	2753.7	2767.6	2801.5	2839.8	2981.6	*3032.3*	3368.2	3331.9	3049.3	3292.1	3458.3
57.5°	2946.8	2926.9	2979.1	3054.7	3284.1	*3345.3*	3739.9	3616.0	3201.0	3473.7	3469.2
60°	3181.1	3184.1	3193.1	3288.6	3586.2	*3664.8*	4106.2	3884.7	3298.6	3585.2	3347.8
62.5°	3462.8	3467.2	3485.7	3632.4	3991.7	*4065.9*	4496.3	4104.7	3343.3	3553.8	3034.3
65°	3443.4	3462.3	3667.8	4169.8	4608.2	*4681.4*	4951.6	4258.9	3275.7	3267.2	2470.6
67.5°	3136.8	3167.7	3511.5	4811.7	5537.7	*5619.3*	5501.9	4289.3	2983.6	2540.7	1611.7
70°	2734.8	2745.7	3159.2	5389.0	6614.0	*6696.6*	5994.5	3955.4	2264.1	1417.2	722.0
72.5°	*2135.7*	*2138.2*	*2623.3*	*5522.8*	*7198.2*	*7202.7*	*5607.9*	*2936.3*	*1217.6*	*544.4*	*250.8*
75°	1525.6	1510.7	1757.0	4478.9	6332.9	*6383.7*	4204.2	1377.3	465.3	257.3	124.9
77.5°	818.0	834.5	994.2	2656.2	4374.9	*4461.4*	2293.9	397.1	236.9	175.2	82.6
80°	252.8	266.7	407.5	1216.1	2478.0	*2530.3*	850.4	176.6	165.2	124.9	54.2
82.5°	79.6	82.6	190.1	511.0	1028.5	*1052.4*	246.3	100.0	113.0	82.6	31.8
85°	22.9	23.4	84.6	190.6	254.3	*259.2*	69.2	38.8	64.7	51.3	16.4
87.5°	2.5	8.0	31.8	31.8	22.4	*21.9*	7.5	8.5	18.4	6.5	3.0
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°	984.2	984.2	984.2	984.2	984.2	984.2	984.2	984.2	984.2	984.2	984.2
2.5°	986.2	986.7	980.3	969.3	957.4	947.4	935.0	925.0	918.1	916.1	919.6
5°	993.2	989.7	971.3	938.0	898.2	863.8	825.5	795.2	775.3	766.8	769.8
7.5°	1003.6	993.7	953.4	887.7	811.6	743.9	675.2	622.0	588.2	571.2	573.7
10°	1012.6	992.7	923.5	815.1	698.6	596.1	503.6	439.4	403.5	386.6	387.1
12.5°	1021.1	992.2	884.7	729.0	571.2	445.8	359.8	327.9	318.0	314.5	313.5
15°	1037.0	993.7	836.0	630.5	444.4	336.9	305.5	305.0	307.0	306.0	305.5
17.5°	1058.9	995.2	780.7	526.0	342.8	297.1	295.6	300.0	303.0	301.5	301.0
20°	1087.2	1001.2	722.0	422.5	294.6	287.1	290.6	294.6	297.1	294.6	294.1
22.5°	1127.1	1011.6	657.8	339.4	279.2	281.1	284.1	288.6	291.1	287.6	287.1
25°	1175.8	1028.0	594.6	295.1	271.7	274.2	278.7	283.6	286.6	283.1	282.6
27.5°	1239.0	1054.4	536.4	285.1	264.2	265.7	272.2	279.6	283.6	279.2	279.2
30°	1330.6	1097.7	486.2	289.6	259.7	256.3	265.2	275.7	280.1	276.2	275.7
32.5°	1452.0	1158.9	455.3	296.6	257.8	245.3	253.8	267.2	274.7	272.2	272.2
35°	1611.2	1251.9	443.4	304.5	256.3	233.9	239.8	254.3	267.2	269.7	269.7
37.5°	1804.3	1381.3	446.8	308.0	251.8	224.4	227.4	239.8	256.8	264.7	266.7
40°	2023.7	1532.1	466.7	304.5	246.8	216.5	217.0	226.4	241.3	253.3	257.3
42.5°	2250.1	1708.2	503.6	291.6	242.3	209.5	208.0	214.5	224.4	232.9	236.4
45°	2465.6	1889.4	539.9	273.7	236.9	202.5	199.0	201.5	203.5	207.0	209.0
47.5°	2653.7	2016.8	529.4	257.3	229.4	194.6	188.6	187.6	181.6	181.1	180.6
50°	2783.5	2044.6	470.2	240.8	218.4	185.6	176.1	170.2	159.7	154.8	155.2
52.5°	2824.8	1934.7	384.1	224.4	200.5	173.7	160.2	150.8	137.8	133.4	132.9
55°	2770.1	1719.2	307.0	204.5	175.7	157.7	142.8	130.4	119.9	114.4	114.4
57.5°	2636.3	1445.0	242.8	181.1	149.3	139.8	124.9	112.5	103.5	98.0	97.0
60°	2414.3	1147.5	192.1	153.3	127.4	120.4	105.0	97.0	89.1	82.6	81.1
62.5°	2077.5	819.0	150.8	121.4	106.5	98.5	89.6	83.6	74.1	65.2	63.7
65°	1621.2	501.1	116.4	89.1	85.6	81.6	76.1	70.7	59.2	50.3	48.8
67.5°	1022.6	237.4	83.1	67.2	67.7	65.7	63.2	58.7	50.3	42.3	41.3
70°	450.3	114.9	54.7	51.3	50.3	50.3	52.2	50.8	42.8	35.3	33.8
72.5°	*153.3*	*61.7*	*40.8*	*38.8*	*36.3*	*35.8*	*43.8*	*42.3*	*34.3*	*27.4*	*25.9*
75°	80.1	41.3	29.9	27.9	21.9	26.4	34.8	32.8	24.4	17.9	16.4
77.5°	52.2	29.4	20.4	17.9	12.4	17.4	25.9	22.9	14.4	9.0	8.0
80°	32.8	19.4	11.9	8.5	6.0	9.5	13.9	10.0	5.5	2.0	1.5
82.5°	17.4	10.0	4.5	3.0	2.5	3.0	3.5	2.5	1.0	0.0	0.0
85°	7.0	3.5	1.5	1.0	0.5	0.0	1.0	0.5	0.0	0.0	0.0
87.5°	2.5	0.5	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)