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: P1197337

Luminaire Tested: GPC-SB1A-735-U-AFL-HSS

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:	P1197337
	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-SB1A-735-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA 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:	3845 lumens
Efficiency:	N/A
Efficacy:	124.4 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):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

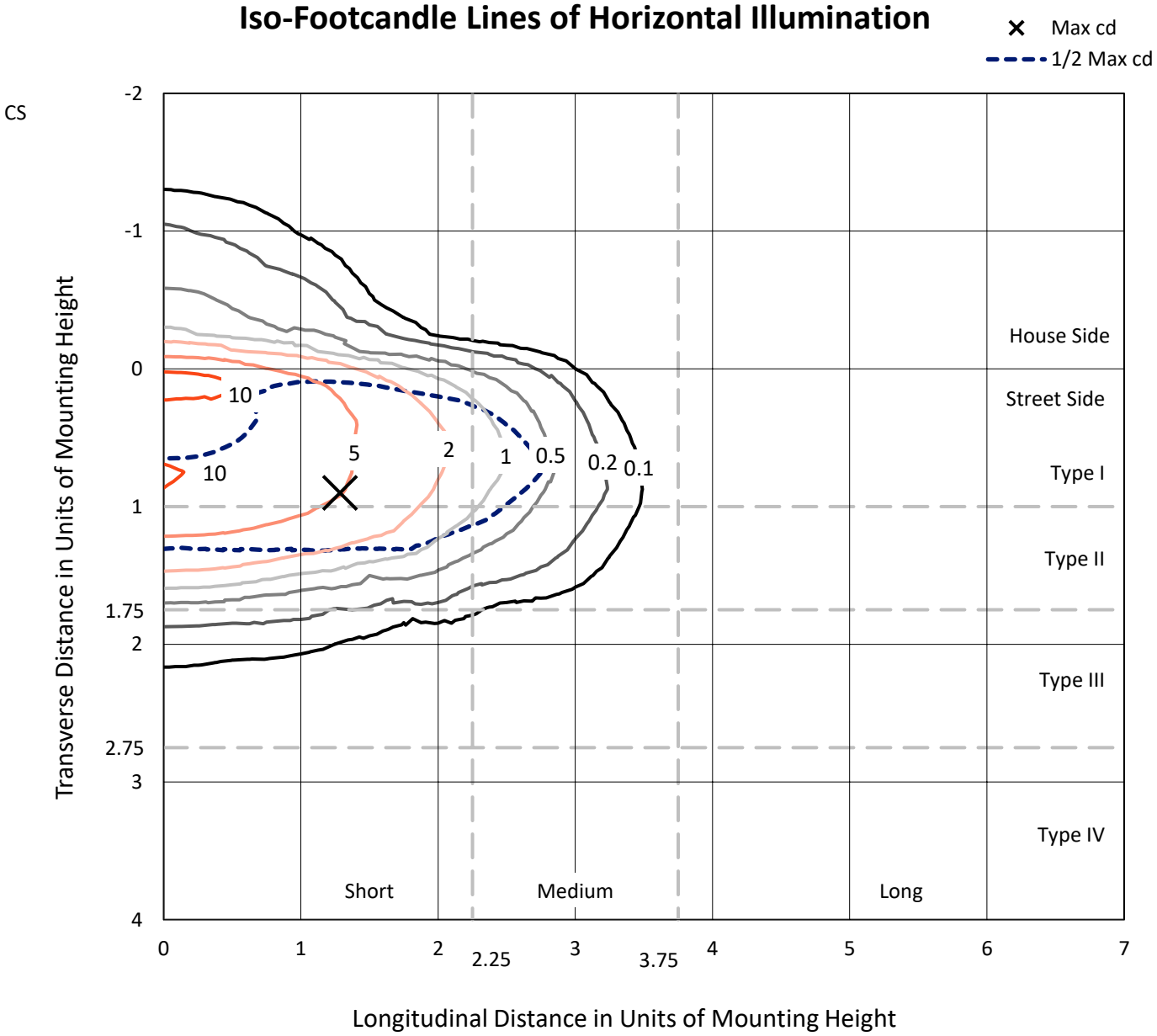


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Iso-Footcandle Lines of Horizontal Illumination



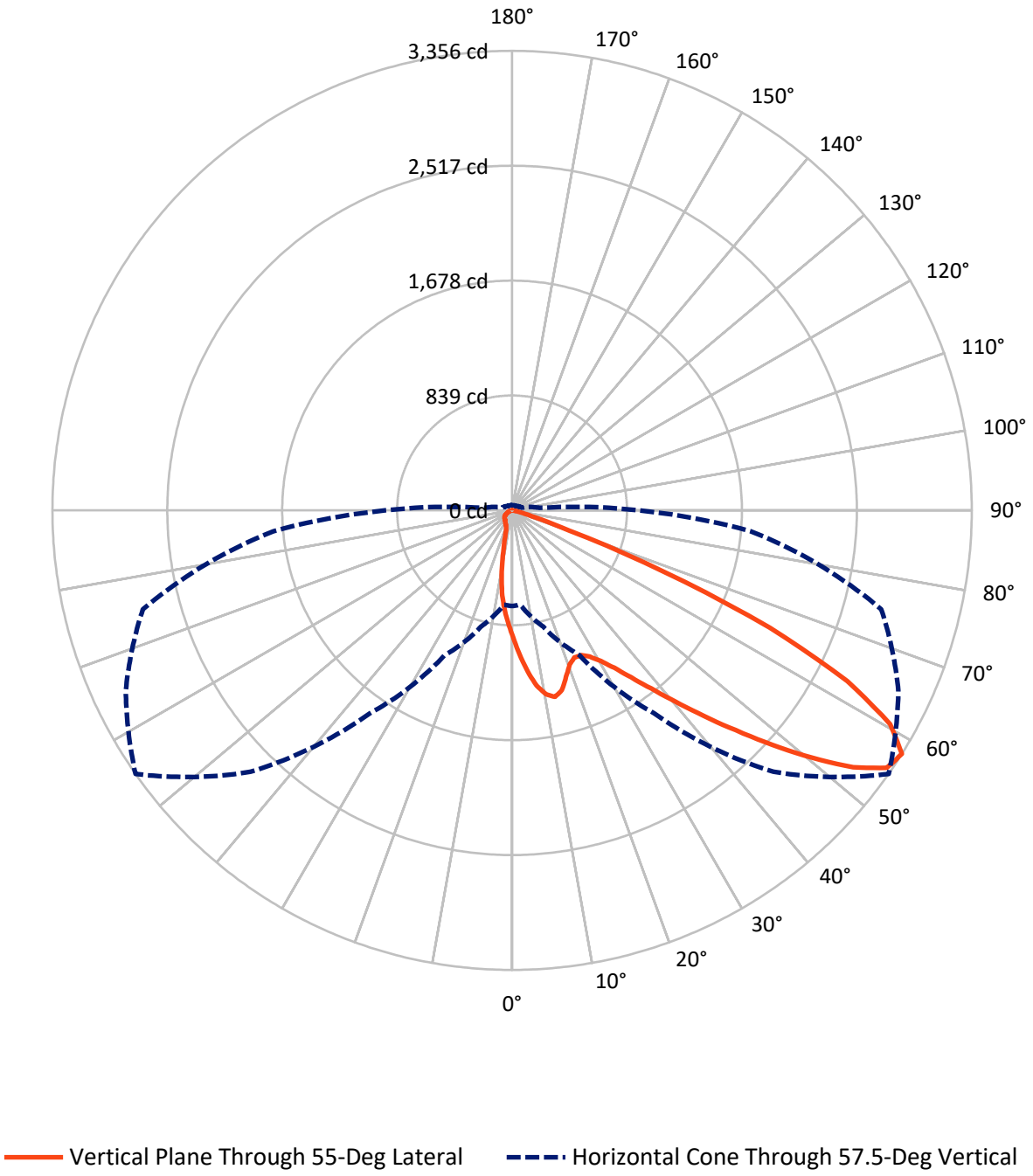
Based on 10 foot mounting height. Maximum calculated value = 13.3 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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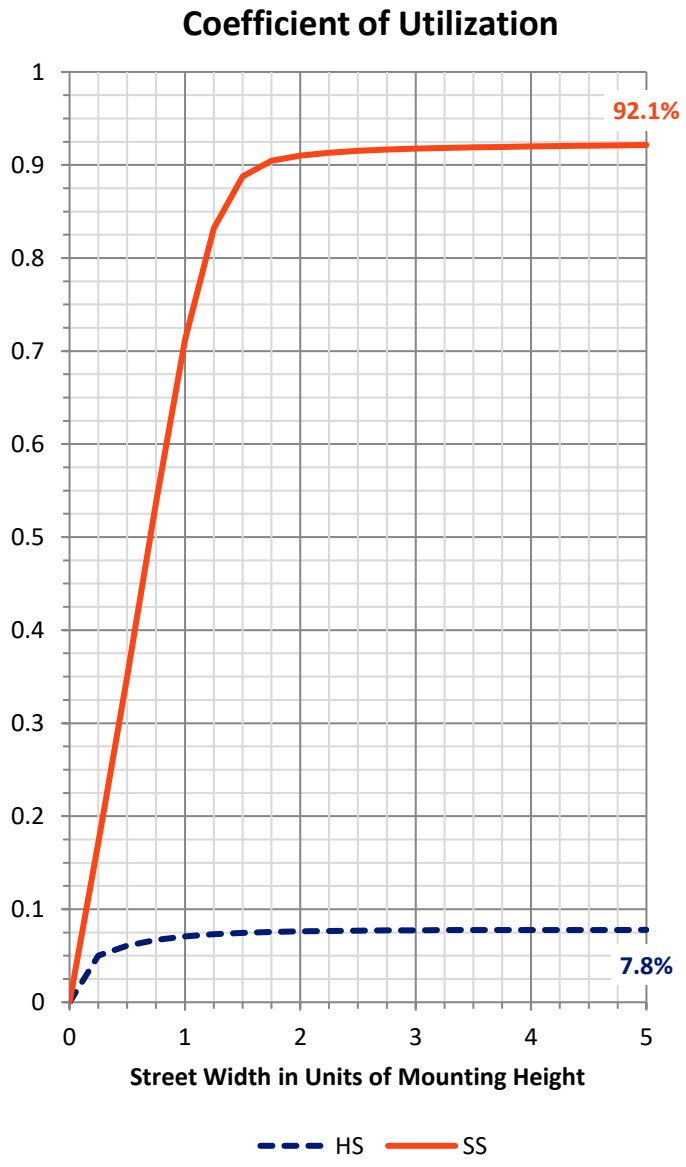
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	300.3	0.0	300.3
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	3544.7	0.0	3544.7
	% Fixture	92.2	0.0	92.2
Total	Lumens	3845.0	0.0	3845.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	2.2
10°-20°	208.2	5.4
20°-30°	333.2	8.7
30°-40°	563.9	14.7
40°-50°	925.9	24.1
50°-60°	1017.6	26.5
60°-70°	583.7	15.2
70°-80°	119.3	3.1
80°-90°	7.0	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°	3845.0	100.0
0°-180°	3845.0	100.0



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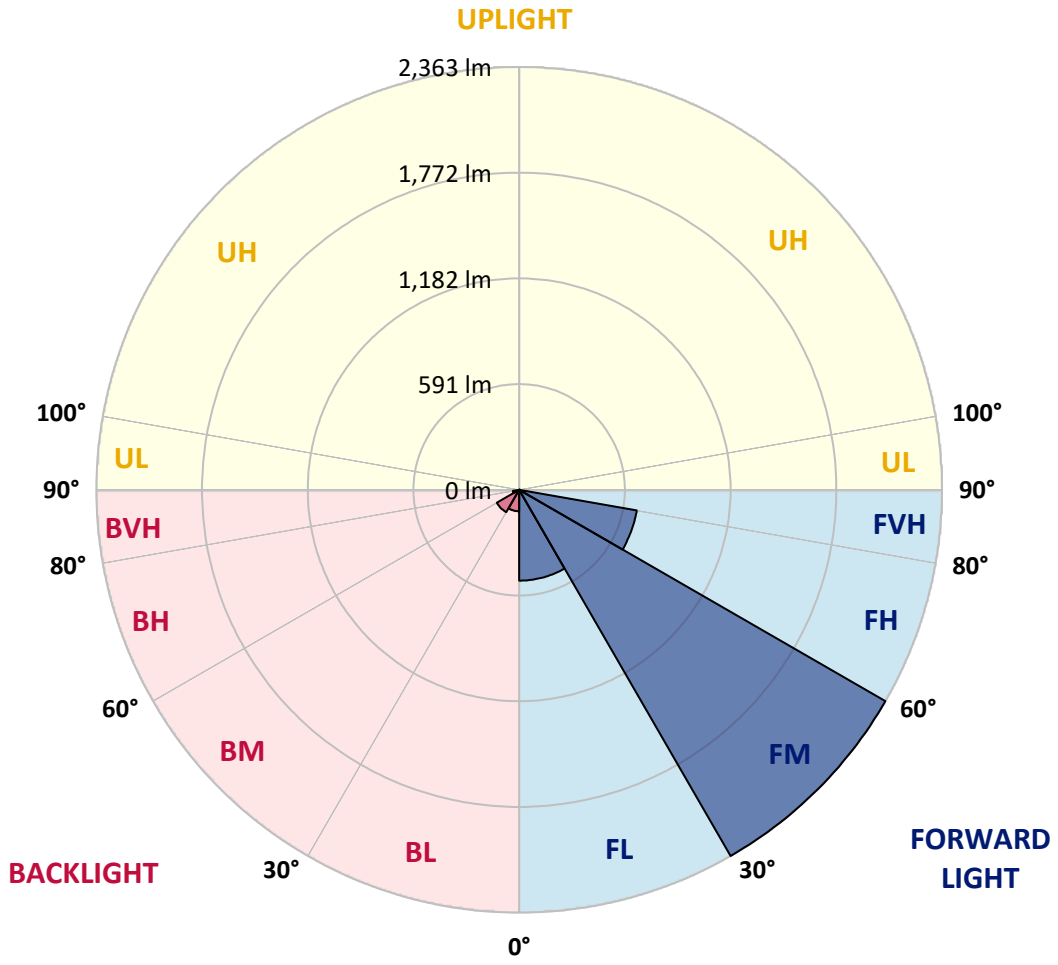
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	507.8	13.2			
FM	(30°-60°)	2363.2	61.5			
FH	(60°-80°)	667.2	17.4			G1/1800
FVH	(80°-90°)	6.6	0.2			G0/10
BL	(0°-30°)	119.9	3.1	B1/500		
BM	(30°-60°)	144.2	3.8	B0/220		
BH	(60°-80°)	35.7	0.9	B0/110		G0/110
BVH	(80°-90°)	0.5	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°	926.6	926.6	926.6	926.6	926.6	926.6	*926.6*	926.6	926.6	926.6	926.6
2.5°	1149.7	1135.2	1133.1	1130.2	1102.7	1082.1	*1052.2*	1019.5	982.7	945.3	928.7
5°	1328.2	1316.8	1314.7	1301.4	1270.1	1235.0	*1181.9*	1114.8	1046.3	965.7	931.1
7.5°	1362.8	1360.7	1370.4	1369.9	1365.6	1337.9	*1293.1*	1213.2	1110.3	990.8	937.2
10°	1208.5	1213.9	1242.8	1268.2	1336.7	1376.5	*1366.8*	1300.9	1176.2	1019.5	944.1
12.5°	1067.9	1061.5	1082.1	1110.8	1190.4	1309.0	*1397.4*	1374.2	1251.6	1052.0	954.3
15°	979.7	977.1	988.7	1001.9	1062.6	1182.1	*1361.8*	1433.7	1324.2	1090.4	969.7
17.5°	951.4	949.3	952.9	956.2	995.5	1088.0	*1277.2*	1470.2	1393.6	1134.2	986.8
20°	974.4	971.6	971.1	968.5	984.9	1047.9	*1200.6*	1472.8	1456.0	1174.1	1001.5
22.5°	1041.5	1038.2	1026.6	1016.2	1017.6	1053.4	*1166.5*	1446.7	1502.9	1211.3	1010.7
25°	1163.2	1157.7	1133.5	1098.4	1076.2	1091.3	*1171.7*	1412.3	1547.7	1240.5	1006.2
27.5°	1315.4	1308.3	1277.2	1225.0	1174.1	1155.6	*1209.4*	1388.6	1585.0	1262.7	996.5
30°	1464.5	1455.3	1424.7	1384.1	1309.7	1251.4	*1277.4*	1399.1	1629.3	1286.0	983.7
32.5°	1625.5	1616.7	1576.2	1525.9	1464.3	1385.8	*1370.6*	1450.0	1683.6	1318.5	974.7
35°	1829.2	1815.4	1757.8	1689.3	1623.8	1544.4	*1496.8*	1538.0	1755.9	1368.0	979.7
37.5°	2061.0	2042.5	1980.4	1885.8	1800.5	1711.6	*1650.4*	1658.9	1861.9	1434.4	995.1
40°	2279.6	2262.8	2205.4	2116.3	2009.1	1901.2	*1836.0*	1817.1	2008.2	1515.2	1022.1
42.5°	2410.7	2395.6	2371.4	2333.7	2243.4	2133.3	*2051.1*	2010.1	2181.2	1612.0	1055.1
45°	2418.1	2404.8	2437.3	2481.2	2463.4	2390.1	*2289.8*	2214.7	2355.0	1702.8	1089.2
47.5°	2300.5	2291.5	2390.1	2543.3	2619.6	2650.4	*2558.0*	2402.2	2498.5	1768.0	1103.2
50°	1979.9	1976.6	2179.6	2460.8	2679.1	2878.5	*2840.8*	2576.7	2609.7	1801.7	1089.9
52.5°	1716.8	1704.7	1823.0	2196.6	2592.6	2998.5	*3117.3*	2747.9	2687.4	1808.1	1058.8
55°	1302.1	1291.4	1439.9	1754.7	2313.5	2955.8	*3319.5*	2924.5	2743.1	1791.7	1003.1
57.5°	*698.5*	*691.8*	*879.4*	*1167.9*	*1808.5*	*2699.8*	*3356.0*	*3111.3*	*2790.1*	*1748.3*	*925.1*
60°	271.9	270.8	340.9	566.6	1099.2	2196.4	*3171.8*	3223.5	2819.5	1695.0	859.9
62.5°	164.5	168.1	179.5	254.4	485.6	1364.5	*2747.2*	3095.9	2839.2	1646.1	806.1
65°	136.1	136.3	137.7	174.7	232.6	570.9	*2068.1*	2676.3	2790.6	1559.1	729.8
67.5°	116.6	118.8	124.2	138.7	164.1	250.4	*1190.7*	2073.1	2494.9	1356.6	610.7
70°	92.0	94.8	101.7	114.0	126.6	156.7	*440.0*	1379.4	1906.0	1022.6	461.9
72.5°	77.5	77.3	80.8	92.7	100.5	110.2	*169.3*	772.9	1107.7	488.2	228.6
75°	60.0	62.4	66.9	77.5	82.3	79.9	*91.8*	282.4	396.9	147.9	77.8
77.5°	46.9	48.8	52.9	63.3	68.0	56.7	*52.9*	101.0	127.6	53.1	35.1
80°	21.1	22.8	36.0	46.7	55.5	39.1	*28.7*	51.7	56.7	24.2	17.8
82.5°	3.8	6.4	21.1	24.7	28.5	25.4	*14.9*	26.8	27.7	9.7	6.2
85°	0.2	0.5	7.3	9.0	11.4	8.3	*4.5*	10.7	9.2	3.3	2.4
87.5°	0.0	0.0	0.0	0.2	0.2	1.2	*1.4*	1.9	1.4	1.2	0.9
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°	926.6	926.6	926.6	926.6	926.6	926.6	926.6	926.6	926.6	926.6
2.5°	911.6	877.9	845.2	818.4	802.8	776.2	758.7	755.8	748.5	754.9
5°	894.1	833.8	772.9	718.4	673.6	615.7	572.6	554.3	538.4	543.9
7.5°	885.8	790.7	695.9	602.7	506.9	414.4	345.7	317.0	295.2	298.3
10°	874.6	745.9	597.2	455.0	326.7	235.4	188.0	170.5	160.7	161.0
12.5°	866.1	692.3	482.7	308.5	198.9	150.3	135.6	131.3	128.5	128.7
15°	861.8	629.2	369.6	205.6	142.3	127.3	123.8	121.9	120.0	119.7
17.5°	854.7	559.1	270.5	150.1	124.5	119.3	116.2	114.0	111.7	111.2
20°	844.0	479.4	197.7	126.8	116.6	112.6	108.4	105.5	102.7	102.2
22.5°	824.4	395.2	152.0	117.4	111.0	106.5	101.2	97.9	95.1	94.6
25°	787.9	316.3	128.0	111.4	106.0	100.5	94.8	90.3	87.7	87.2
27.5°	741.6	248.5	116.2	106.0	99.6	94.6	88.2	83.9	81.6	81.1
30°	687.1	191.3	109.3	99.8	92.0	87.7	82.0	78.5	77.1	77.1
32.5°	628.3	152.9	106.5	93.7	85.4	80.6	76.1	74.7	74.2	74.0
35°	573.0	132.8	105.0	88.7	79.4	74.9	73.0	73.3	74.2	74.2
37.5°	524.0	126.4	104.3	85.1	74.2	70.2	71.4	73.5	72.5	72.5
40°	479.6	127.1	103.8	82.5	69.9	67.6	69.9	68.3	65.9	65.7
42.5°	445.7	133.0	102.9	80.4	67.3	65.7	64.7	62.1	61.9	62.4
45°	421.1	138.2	102.7	79.4	64.5	61.4	60.2	57.6	62.4	63.5
47.5°	391.9	138.2	102.7	76.1	59.7	58.6	56.7	53.8	58.6	59.7
50°	354.2	129.5	98.6	72.3	56.0	55.2	51.9	48.4	47.4	48.1
52.5°	306.6	113.6	88.4	67.1	52.2	50.7	46.7	44.1	43.4	43.4
55°	252.3	95.1	74.7	59.5	48.1	45.5	42.7	41.5	40.8	40.3
57.5°	*205.1*	*78.0*	*60.0*	*52.9*	*44.3*	*41.0*	*40.1*	*38.6*	*37.5*	*36.7*
60°	168.3	61.4	49.6	46.9	40.5	37.5	37.2	35.3	32.2	31.8
62.5°	129.9	45.0	41.7	40.8	36.7	34.1	33.7	29.9	25.1	24.2
65°	91.8	35.1	33.7	35.8	32.7	30.3	29.2	23.5	18.5	17.8
67.5°	64.5	29.4	26.6	31.3	28.5	25.4	24.7	19.9	15.4	14.9
70°	46.0	23.9	21.8	26.8	22.8	22.3	20.9	16.6	12.6	12.1
72.5°	32.5	18.3	16.8	23.2	15.6	19.2	17.1	12.8	9.5	9.0
75°	23.9	13.0	11.9	13.5	11.4	14.5	12.1	8.5	5.9	5.7
77.5°	17.5	8.3	7.1	6.6	6.6	9.0	6.6	3.6	2.6	2.4
80°	12.3	3.8	3.3	2.8	2.6	2.1	0.9	0.5	0.2	0.2
82.5°	7.3	1.7	1.7	1.2	0.7	0.0	0.0	0.0	0.0	0.0
85°	1.7	0.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	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)