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: P1197836

Luminaire Tested: GPC-SB1B-735-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197836
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-T4W-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4361 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 IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

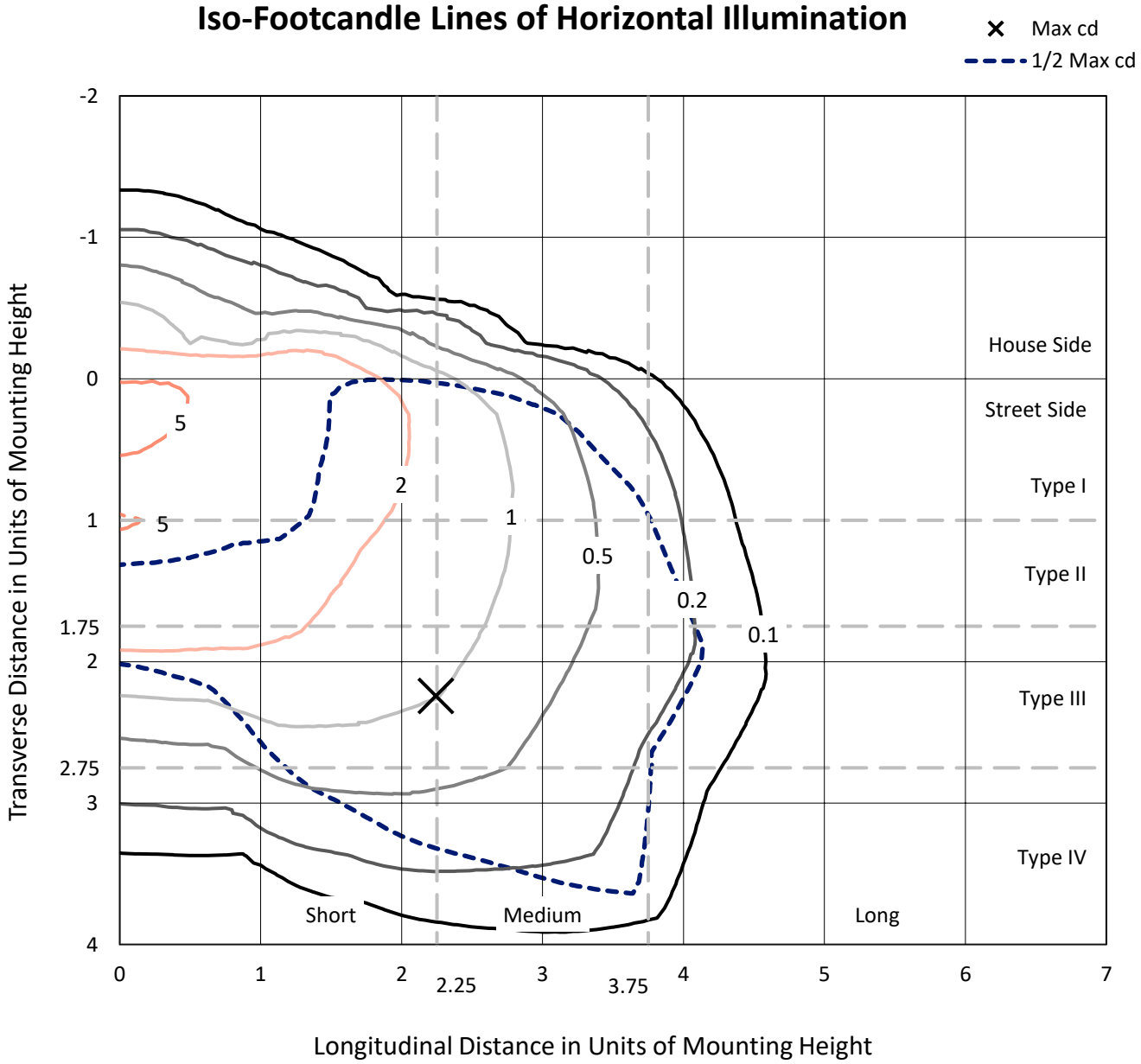


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Iso-Footcandle Lines of Horizontal Illumination



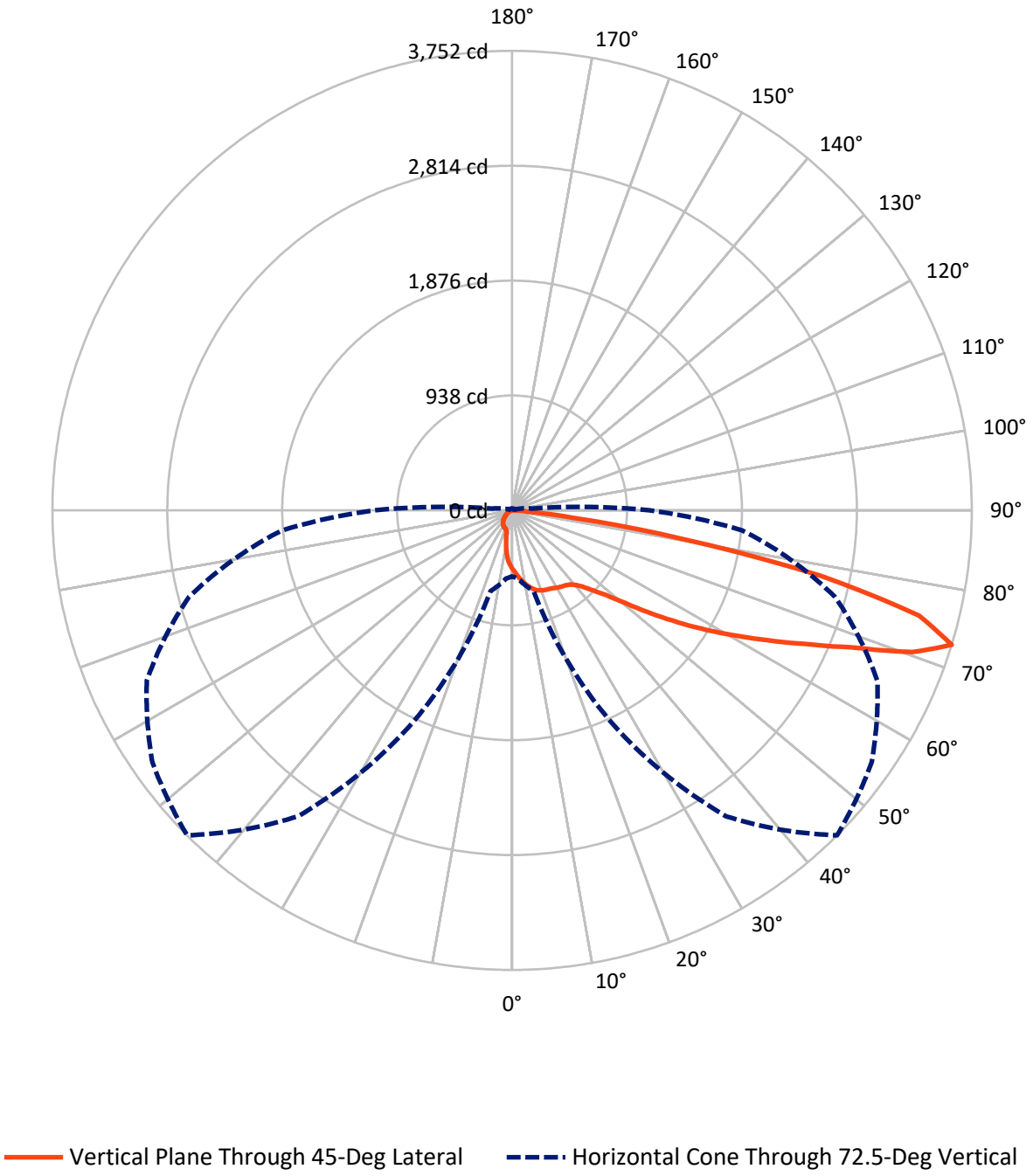
Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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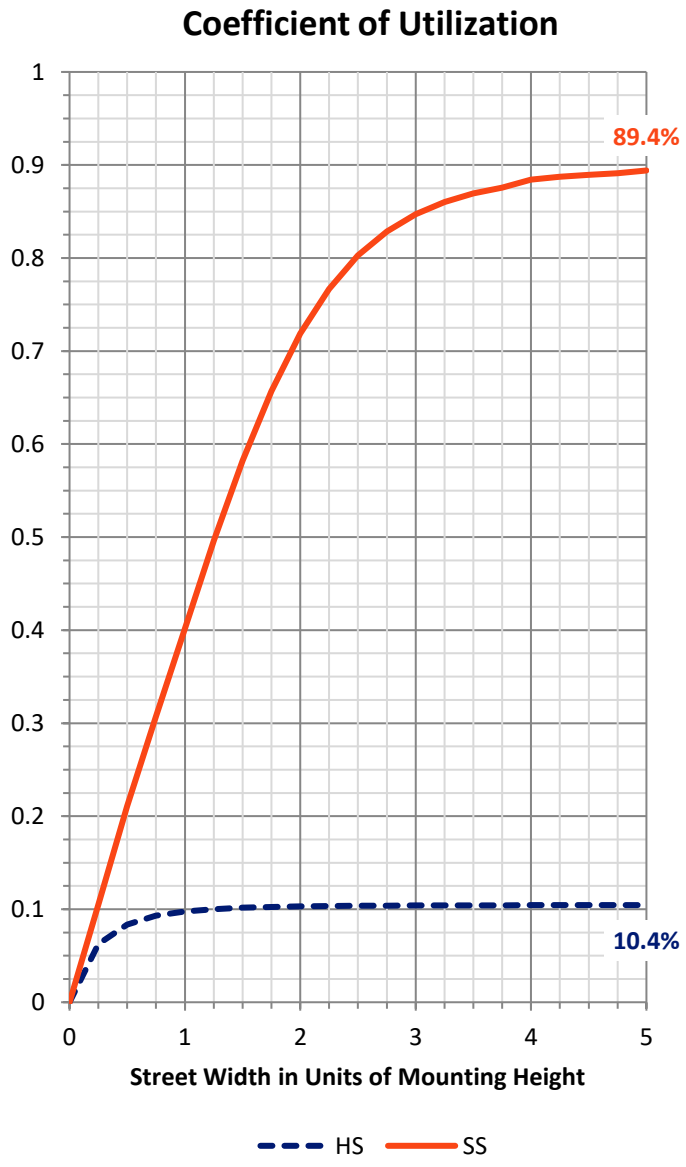
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	458.2	0.0	458.2
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	3902.8	0.0	3902.8
	% Fixture	89.5	0.0	89.5
Total	Lumens	4361.0	0.0	4361.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.0	1.0
10°-20°	131.6	3.0
20°-30°	216.0	5.0
30°-40°	306.4	7.0
40°-50°	506.4	11.6
50°-60°	909.8	20.9
60°-70°	1263.2	29.0
70°-80°	916.3	21.0
80°-90°	66.3	1.5
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°	4361.0	100.0
0°-180°	4361.0	100.0



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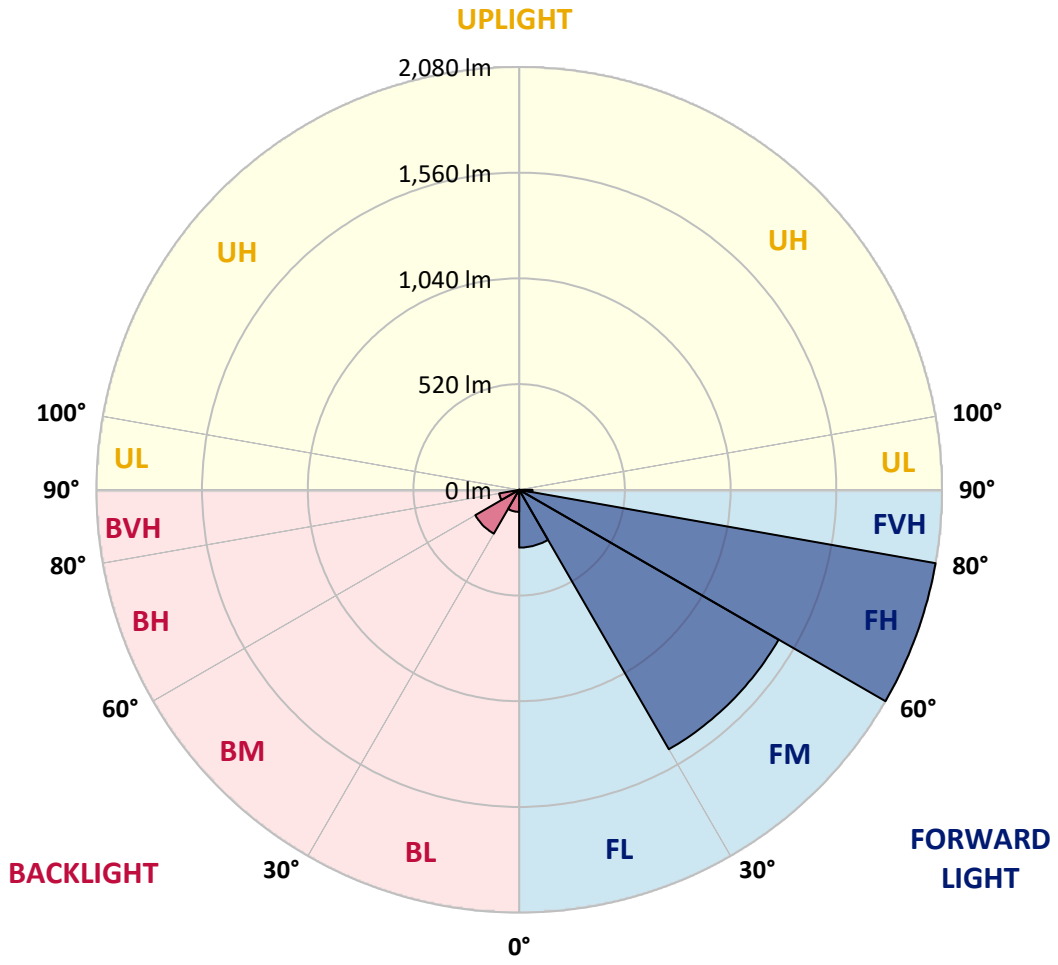
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	284.1	6.5			
FM	(30°-60°)	1473.4	33.8			
FH	(60°-80°)	2079.6	47.7			G2/5000
FVH	(80°-90°)	65.7	1.5			G1/100
BL	(0°-30°)	108.5	2.5	B0/110		
BM	(30°-60°)	249.2	5.7	B1/1000		
BH	(60°-80°)	99.9	2.3	B0/110		G0/110
BVH	(80°-90°)	0.6	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°	35°	45°	46°	55°	65°	75°	85°
0°	477.8	477.8	477.8	477.8	477.8	*477.8*	477.8	477.8	477.8	477.8	477.8
2.5°	521.8	522.7	522.1	518.5	512.6	*509.3*	507.5	501.6	497.7	490.9	483.7
5°	569.7	573.3	571.2	564.1	552.8	*544.7*	542.4	530.1	519.1	506.3	491.4
7.5°	620.6	622.4	618.6	609.3	594.1	*580.5*	578.4	561.4	543.8	524.2	504.0
10°	664.7	666.8	660.8	647.4	630.2	*613.2*	610.2	591.5	570.6	546.5	520.6
12.5°	701.6	703.7	695.9	679.9	660.8	*643.3*	640.3	620.6	597.7	570.9	538.8
15°	729.6	733.5	723.0	705.8	685.2	*667.7*	666.2	646.8	624.5	594.7	560.5
17.5°	746.0	749.8	740.0	719.2	701.6	*686.7*	684.9	668.9	648.0	619.4	581.6
20°	748.6	752.2	741.8	723.6	709.0	*697.1*	696.2	684.6	669.5	642.1	604.6
22.5°	740.6	745.1	735.5	721.0	710.8	*704.6*	703.4	696.8	688.2	665.0	626.0
25°	732.3	735.8	728.7	715.9	710.5	*709.9*	710.8	709.6	707.9	688.2	651.0
27.5°	731.7	735.5	727.5	715.3	712.3	*718.6*	719.5	725.1	726.6	709.3	675.1
30°	736.7	739.4	731.7	718.9	717.4	*731.7*	732.0	742.1	744.5	727.2	698.9
32.5°	747.7	750.7	743.0	724.2	722.1	*742.1*	743.0	756.4	760.2	746.3	723.9
35°	773.6	777.2	768.3	739.1	731.7	*751.9*	754.6	770.4	778.1	766.5	749.8
37.5°	838.2	827.8	815.6	769.2	753.4	*767.4*	771.9	790.3	804.0	790.6	780.8
40°	998.7	965.9	927.8	820.4	791.5	*800.4*	804.0	822.5	841.2	828.1	823.3
42.5°	1239.5	1200.8	1139.5	938.2	848.9	*853.4*	856.1	872.2	898.7	888.2	889.4
45°	1454.1	1440.1	1377.6	1139.5	956.4	*934.4*	937.7	946.0	985.0	981.1	988.9
47.5°	1619.0	1611.0	1562.8	1370.5	1138.0	*1033.5*	1042.7	1046.6	1102.9	1116.6	1137.4
50°	1745.8	1742.8	1699.7	1575.9	1375.2	*1179.7*	1182.9	1174.6	1258.8	1292.8	1332.4
52.5°	1865.5	1875.6	1843.8	1766.7	1628.5	*1371.1*	1370.5	1331.2	1444.9	1496.1	1563.6
55°	1973.5	1977.1	1980.4	1961.3	1883.3	*1589.0*	1583.3	1519.0	1660.7	1713.7	1786.9
57.5°	2075.0	2076.5	2105.7	2144.7	2148.6	*1822.9*	1812.5	1735.4	1896.4	1934.2	1979.2
60°	2143.2	2150.1	2211.7	2320.0	2367.4	*2064.3*	2058.7	1980.1	2136.4	2153.9	2145.6
62.5°	2045.0	2086.7	2242.0	2457.0	2573.9	*2331.9*	2329.3	2255.4	2388.8	2374.5	2303.1
65°	1655.3	1725.9	1999.1	2549.5	2776.6	*2630.8*	2634.7	2556.1	2648.1	2601.6	2431.1
67.5°	1157.9	1232.3	1555.6	2557.0	3003.2	*2981.7*	3004.1	2880.8	2923.4	2819.2	2461.4
70°	800.7	839.1	1049.6	2396.8	3179.7	*3465.2*	3464.6	3279.7	3197.2	2918.3	2306.6
72.5°	*538.5*	*558.4*	*681.7*	*1901.5*	*3049.9*	*3752.4*	*3735.1*	*3584.5*	*3289.5*	*2729.3*	*1884.5*
75°	227.1	241.7	315.5	1068.6	2412.9	*3433.0*	3386.3	3167.8	2922.8	2149.2	1175.8
77.5°	72.0	78.3	124.4	382.5	1329.1	*2580.5*	2531.1	1978.3	1959.0	1078.2	429.8
80°	34.2	39.9	70.0	153.6	523.0	*1403.5*	1396.7	897.5	842.7	291.1	86.3
82.5°	14.9	17.6	38.7	82.2	234.0	*500.7*	510.8	305.4	252.7	110.4	26.5
85°	4.8	6.3	17.9	37.8	98.8	*124.4*	122.9	72.6	101.8	60.1	9.2
87.5°	0.0	0.0	6.0	8.6	10.1	*7.1*	8.0	6.3	28.3	16.7	3.3
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°	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8	477.8
2.5°	480.1	475.4	467.0	459.3	452.5	445.6	441.4	435.5	434.9	434.9	436.4
5°	483.4	475.7	460.8	445.0	426.9	409.6	392.3	375.7	370.3	366.4	368.2
7.5°	492.9	480.7	457.2	427.2	392.6	354.8	328.3	299.8	288.7	282.8	283.7
10°	506.6	490.0	454.2	401.6	345.6	294.1	256.3	225.3	213.4	208.4	208.4
12.5°	521.8	501.3	448.9	369.7	294.1	232.5	195.6	181.3	179.5	179.5	179.5
15°	540.0	515.0	439.7	332.2	240.2	184.0	170.9	171.5	173.2	174.4	174.4
17.5°	558.7	529.6	425.1	290.2	192.6	165.5	165.8	166.7	168.2	169.4	169.4
20°	579.0	544.1	405.7	245.6	165.2	160.1	161.0	161.9	163.1	163.7	164.0
22.5°	600.7	557.8	382.8	201.8	156.0	155.7	156.0	156.9	158.4	158.4	159.0
25°	623.9	573.0	356.6	170.0	151.2	151.2	151.8	152.4	153.6	153.6	153.9
27.5°	647.7	587.0	328.9	153.3	147.0	146.8	146.8	147.6	148.2	148.5	148.8
30°	673.9	603.4	301.2	149.7	143.8	142.3	141.4	142.0	142.6	142.9	143.5
32.5°	700.7	619.1	276.5	151.2	140.5	137.8	134.8	134.2	134.2	135.4	136.3
35°	730.5	636.4	257.5	156.3	138.7	131.3	126.5	123.8	124.1	125.9	126.8
37.5°	766.2	657.3	243.5	160.7	137.5	123.8	116.1	112.8	110.7	112.8	112.2
40°	812.9	687.9	233.4	164.3	136.0	115.2	104.8	99.4	95.6	96.7	96.1
42.5°	881.7	736.1	229.5	164.6	132.8	105.1	93.2	86.0	80.4	80.7	79.5
45°	978.1	812.3	249.4	160.7	125.6	94.1	81.0	71.4	67.9	67.0	65.8
47.5°	1110.3	923.4	295.6	152.7	115.2	83.3	69.1	61.0	58.3	56.9	56.0
50°	1287.4	1065.9	346.8	143.8	104.8	73.2	59.2	54.2	52.4	50.9	50.6
52.5°	1492.8	1210.6	388.8	134.8	94.4	64.3	53.0	50.0	48.5	47.3	47.0
55°	1681.2	1310.3	386.4	125.3	84.2	57.2	48.5	46.7	44.9	43.8	43.2
57.5°	1798.5	1324.3	318.5	114.9	72.6	51.5	44.4	43.2	41.1	39.6	39.3
60°	1852.4	1244.5	223.3	101.2	61.0	46.1	39.9	39.3	36.6	34.5	33.9
62.5°	1862.2	1096.3	148.8	84.2	50.9	41.1	35.4	34.5	31.0	27.4	25.6
65°	1822.3	884.4	103.0	65.8	43.5	35.7	30.4	28.6	24.7	21.1	19.9
67.5°	1696.1	620.9	71.7	47.3	36.9	28.3	24.1	23.5	20.5	17.6	16.7
70°	1464.8	353.9	47.9	35.4	29.2	19.3	19.1	19.6	16.7	14.3	13.1
72.5°	*1123.1*	*161.9*	*29.8*	*25.9*	*19.9*	*13.1*	*15.2*	*15.5*	*12.8*	*10.7*	*9.5*
75°	661.1	69.4	18.8	16.7	10.1	8.6	11.0	11.3	8.6	6.8	6.0
77.5°	225.0	26.2	11.9	9.8	5.1	4.8	7.1	7.1	4.8	2.7	2.1
80°	51.2	9.8	6.0	3.9	2.4	2.1	2.4	2.1	1.2	0.3	0.0
82.5°	14.6	3.9	2.4	1.5	0.9	0.9	0.3	0.0	0.0	0.0	0.0
85°	4.2	1.8	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	0.3	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)