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: P1197359

Luminaire Tested: GPC-SB1A-735-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197359
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-T4FT
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4457 lumens
Efficiency:	N/A
Efficacy:	144.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - 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

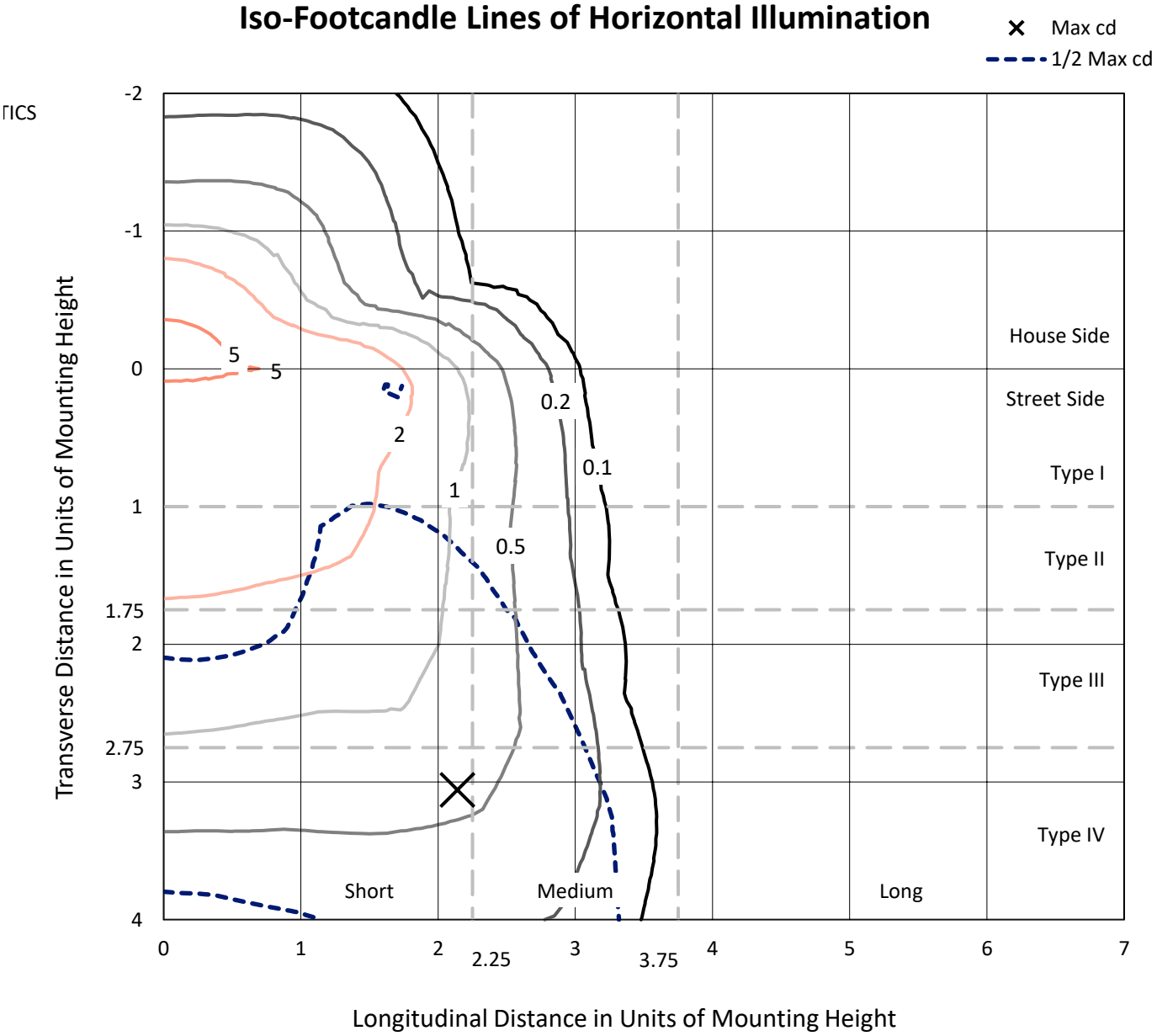


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Iso-Footcandle Lines of Horizontal Illumination



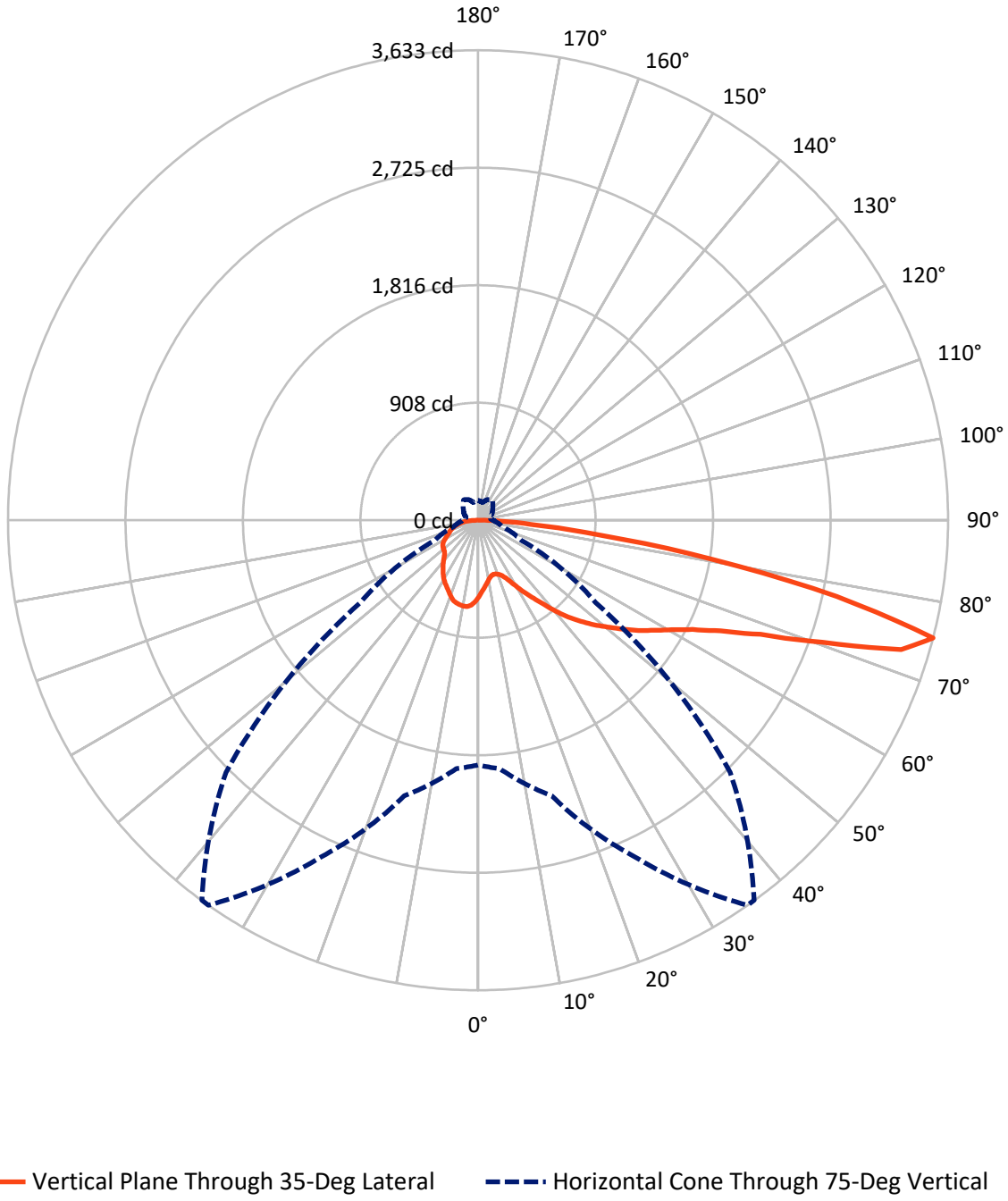
Based on 10 foot mounting height. Maximum calculated value = 6.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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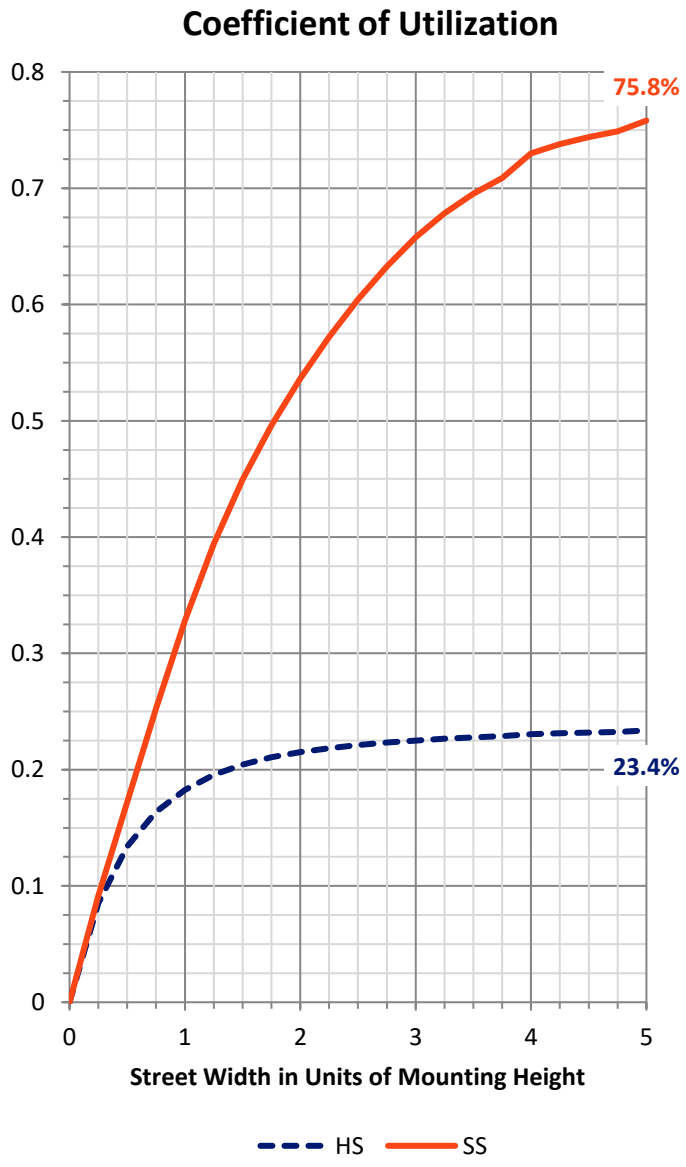
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1060.7	0.0	1060.7
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	3396.3	0.0	3396.3
	% Fixture	76.2	0.0	76.2
Total	Lumens	4457.0	0.0	4457.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.2	1.3
10°-20°	162.2	3.6
20°-30°	272.4	6.1
30°-40°	423.3	9.5
40°-50°	628.3	14.1
50°-60°	867.4	19.5
60°-70°	1052.4	23.6
70°-80°	869.7	19.5
80°-90°	125.1	2.8
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°	4457.0	100.0
0°-180°	4457.0	100.0



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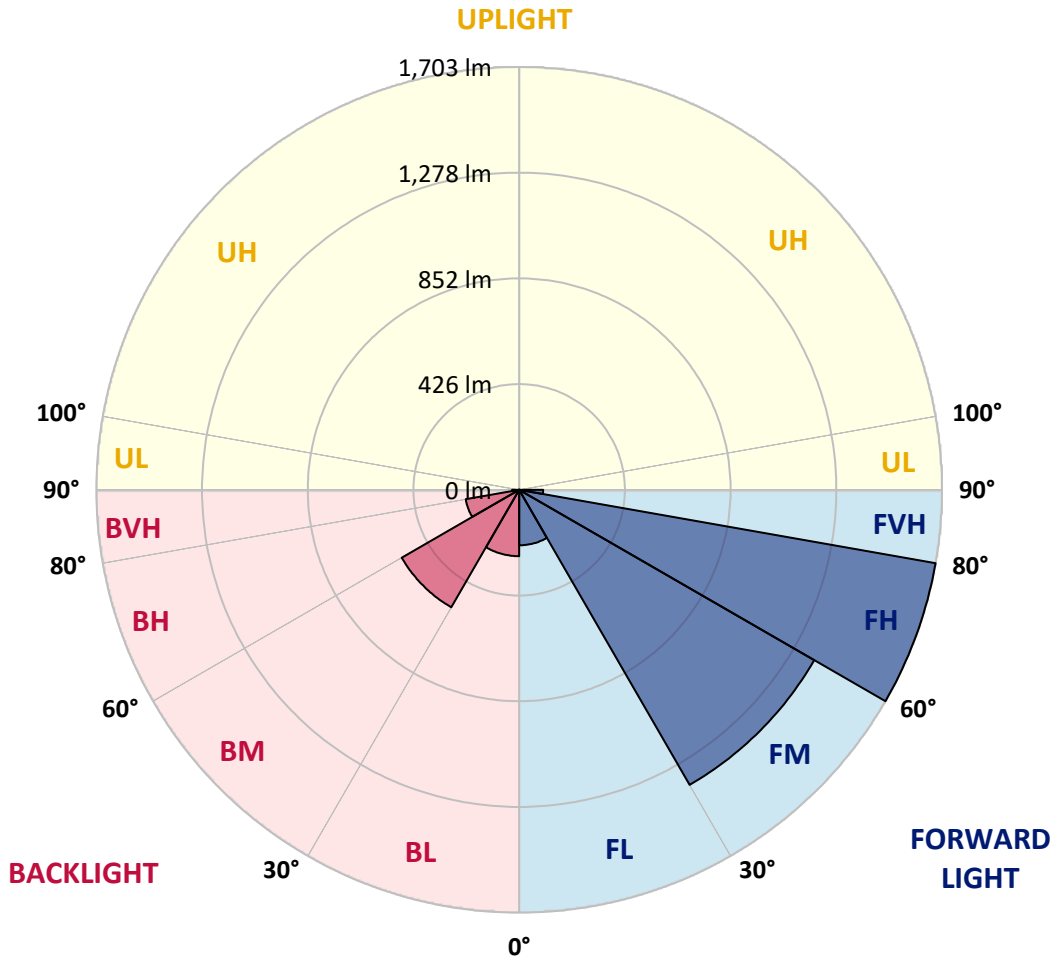
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	223.5	5.0			
FM	(30°-60°)	1372.5	30.8			
FH	(60°-80°)	1703.4	38.2			G1/1800
FVH	(80°-90°)	96.9	2.2			G1/100
BL	(0°-30°)	267.3	6.0	B1/500		
BM	(30°-60°)	546.5	12.3	B1/1000		
BH	(60°-80°)	218.7	4.9	B1/500		G1/500
BVH	(80°-90°)	28.2	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	593.9	593.9	593.9	593.9	*593.9*	593.9	593.9	593.9	593.9	593.9	593.9
2.5°	547.7	551.0	552.5	551.8	*555.4*	554.9	560.0	566.2	574.9	583.3	595.6
5°	505.5	509.1	512.2	515.1	*522.1*	524.3	532.2	544.3	560.2	576.3	596.6
7.5°	466.2	469.4	474.2	479.5	*491.3*	493.5	506.7	525.5	547.7	571.3	599.2
10°	434.2	437.3	442.4	448.4	*463.1*	465.7	482.6	507.7	536.6	566.5	602.1
12.5°	420.4	421.4	424.3	430.3	*443.1*	444.8	463.3	492.0	525.7	562.8	606.5
15°	419.7	421.7	421.9	425.0	*435.6*	436.3	453.5	481.9	519.0	562.1	613.0
17.5°	427.0	428.4	426.2	428.2	*437.1*	438.3	451.8	477.1	516.8	565.3	624.0
20°	446.2	447.4	440.9	438.3	*444.8*	445.7	459.0	480.2	519.0	571.8	639.2
22.5°	487.2	487.9	472.0	461.2	*461.6*	462.1	473.7	493.0	527.4	583.6	658.5
25°	551.0	550.6	525.3	504.3	*492.2*	489.6	497.3	513.7	541.6	599.2	683.3
27.5°	625.7	622.1	596.8	565.5	*539.2*	535.4	533.7	540.7	561.9	619.9	713.7
30°	710.1	706.7	679.5	638.5	*602.1*	595.9	580.0	576.3	592.0	648.1	755.8
32.5°	802.6	800.4	767.9	718.3	*669.6*	662.4	635.6	626.0	638.3	690.8	814.6
35°	880.2	878.2	851.3	800.2	*740.7*	731.7	704.5	693.7	699.9	745.5	891.5
37.5°	950.3	949.3	926.2	885.9	*824.5*	813.7	783.1	779.5	778.2	817.5	984.7
40°	1015.3	1012.9	988.8	967.6	*922.1*	912.2	885.2	882.1	872.9	906.2	1090.3
42.5°	1087.4	1081.1	1046.2	1036.3	*1024.0*	1015.8	999.7	1000.2	979.9	1006.2	1202.1
45°	1146.2	1142.6	1106.7	1100.9	*1114.1*	1110.7	1124.7	1128.3	1089.1	1111.0	1318.2
47.5°	1209.3	1205.9	1175.6	1171.5	*1207.4*	1208.3	1257.7	1258.9	1195.6	1219.9	1434.6
50°	1287.1	1282.3	1252.2	1257.2	*1297.5*	1301.1	1391.4	1383.3	1293.6	1330.5	1550.0
52.5°	1338.4	1341.3	1334.8	1343.0	*1398.0*	1401.3	1523.0	1502.0	1390.7	1439.6	1663.2
55°	1376.3	1382.1	1402.3	1421.1	*1504.0*	1507.3	1647.1	1615.0	1471.2	1540.8	1769.7
57.5°	1424.9	1416.7	1454.6	1491.2	*1604.7*	1613.6	1767.8	1723.9	1542.5	1628.1	1842.7
60°	1494.8	1489.0	1518.4	1572.6	*1717.4*	1731.7	1895.5	1822.0	1594.8	1697.2	1857.0
62.5°	1636.5	1622.0	1626.6	1674.6	*1859.6*	1878.4	2039.6	1907.5	1620.8	1724.2	1780.8
65°	1848.3	1823.5	1800.3	1833.6	*2059.8*	2078.4	2202.2	1974.8	1611.2	1671.9	1578.7
67.5°	2115.0	2090.4	2062.0	2093.3	*2354.7*	2369.4	2402.9	2012.6	1535.3	1470.5	1221.3
70°	2335.0	2325.8	2359.8	2488.7	*2825.8*	2826.3	2660.3	1981.3	1327.4	1042.6	706.7
72.5°	2305.8	2300.3	2479.3	2877.8	*3419.5*	3406.7	2903.8	1744.2	894.1	470.3	264.8
75°	*1891.6*	*1927.5*	*2204.9*	*2870.8*	*3632.7*	*3631.0*	*2754.7*	*1108.8*	*369.8*	*194.9*	*136.9*
77.5°	1014.4	1071.2	1431.4	2119.6	*2835.9*	2878.6	1936.7	387.9	158.8	124.8	94.7
80°	330.8	380.4	570.6	1079.2	*1842.7*	1834.8	830.0	152.3	108.7	88.4	65.5
82.5°	140.5	146.3	254.9	509.6	*945.7*	931.0	264.3	87.5	76.4	60.5	40.5
85°	54.9	61.4	112.5	235.6	*409.6*	400.7	95.4	43.4	48.9	39.5	24.1
87.5°	18.1	21.9	40.2	80.7	*127.5*	122.9	23.4	14.9	21.2	18.1	8.7
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°	593.9	593.9	593.9	593.9	593.9	593.9	593.9	593.9	593.9	593.9	593.9
2.5°	599.0	602.8	607.4	614.2	619.9	624.8	629.8	633.0	634.2	637.8	637.5
5°	603.3	611.8	623.1	634.2	645.0	651.5	657.3	660.2	662.8	664.8	665.2
7.5°	610.6	621.4	639.2	653.7	662.8	668.1	672.0	671.0	672.0	672.5	673.2
10°	616.8	632.0	653.2	666.9	673.9	674.2	673.2	669.8	668.1	668.4	668.9
12.5°	624.3	641.2	664.0	675.6	677.5	672.2	668.1	662.4	660.2	659.2	658.7
15°	634.4	653.7	675.8	680.2	675.4	668.6	661.6	652.2	647.4	643.6	644.8
17.5°	646.7	667.9	685.0	681.9	671.5	660.4	649.1	634.9	625.0	620.9	621.2
20°	663.8	682.8	692.0	678.3	662.6	645.7	626.5	609.1	599.9	595.9	595.4
22.5°	684.5	702.8	698.7	672.0	649.8	622.8	598.7	586.0	581.4	578.5	579.0
25°	709.3	725.0	703.6	662.8	628.9	592.5	573.9	569.8	567.7	565.5	565.5
27.5°	741.6	750.1	707.2	649.3	596.1	560.2	553.4	554.2	553.4	549.8	550.6
30°	784.3	782.6	710.5	627.4	558.5	531.0	531.5	534.7	535.1	532.7	533.9
32.5°	840.4	823.3	712.2	599.0	522.6	505.5	506.0	509.4	511.8	507.7	509.6
35°	908.4	870.8	709.6	563.3	494.9	481.2	477.5	478.5	479.2	475.4	478.0
37.5°	987.6	924.0	697.8	523.8	472.0	457.3	449.6	443.1	439.2	435.6	438.0
40°	1074.6	982.1	676.1	485.3	446.5	432.0	420.4	408.2	395.1	390.3	392.5
42.5°	1165.7	1041.8	649.8	448.4	417.1	405.3	393.0	375.1	355.6	345.8	347.0
45°	1260.1	1103.0	624.0	412.0	387.0	381.9	367.7	346.2	325.0	312.5	311.5
47.5°	1352.7	1160.9	586.2	375.4	358.8	364.3	353.2	333.5	309.9	290.1	287.9
50°	1441.1	1215.1	524.3	338.3	335.9	359.0	348.4	320.0	293.0	267.7	265.5
52.5°	1528.8	1258.9	445.0	304.6	323.6	357.6	342.1	310.8	277.8	251.3	248.4
55°	1603.2	1281.6	368.6	275.6	305.8	345.3	334.7	300.0	256.4	228.2	225.8
57.5°	1645.6	1263.3	305.0	247.2	281.2	325.0	321.9	276.8	230.8	209.1	206.2
60°	1627.3	1189.1	253.0	222.4	257.8	303.1	299.7	254.0	211.3	190.8	187.9
62.5°	1526.4	1047.6	211.8	200.7	236.6	280.7	277.6	236.4	196.4	176.6	173.5
65°	1323.0	852.2	179.7	182.6	215.2	253.7	258.3	221.7	184.6	165.3	162.2
67.5°	1009.1	617.3	154.7	167.0	194.2	227.2	240.5	211.1	174.7	156.4	153.5
70°	575.1	350.6	133.5	151.8	175.6	202.6	226.7	202.6	164.1	148.9	147.0
72.5°	218.1	161.0	115.4	136.6	157.8	181.9	211.5	189.4	151.8	140.5	138.5
75°	*116.4*	*98.1*	*97.1*	*118.8*	*137.3*	*161.7*	*192.5*	*176.4*	*142.6*	*148.4*	*153.2*
77.5°	79.3	69.4	81.2	101.7	114.9	139.3	172.3	156.6	123.6	123.1	113.5
80°	54.9	49.2	66.0	81.9	88.9	117.1	150.3	134.4	100.7	94.0	89.9
82.5°	33.0	32.0	49.4	61.2	62.9	90.4	124.6	112.8	82.4	71.8	72.3
85°	18.1	19.0	31.6	35.9	36.6	63.1	97.6	87.2	63.4	53.2	53.7
87.5°	5.1	6.5	11.6	14.2	17.6	32.8	58.1	51.8	31.8	22.2	22.2
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)