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: P1197355

Luminaire Tested: GPC-SB1A-735-U-T3R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197355
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS WITI HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3755 lumens
Efficiency:	N/A
Efficacy:	121.5 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

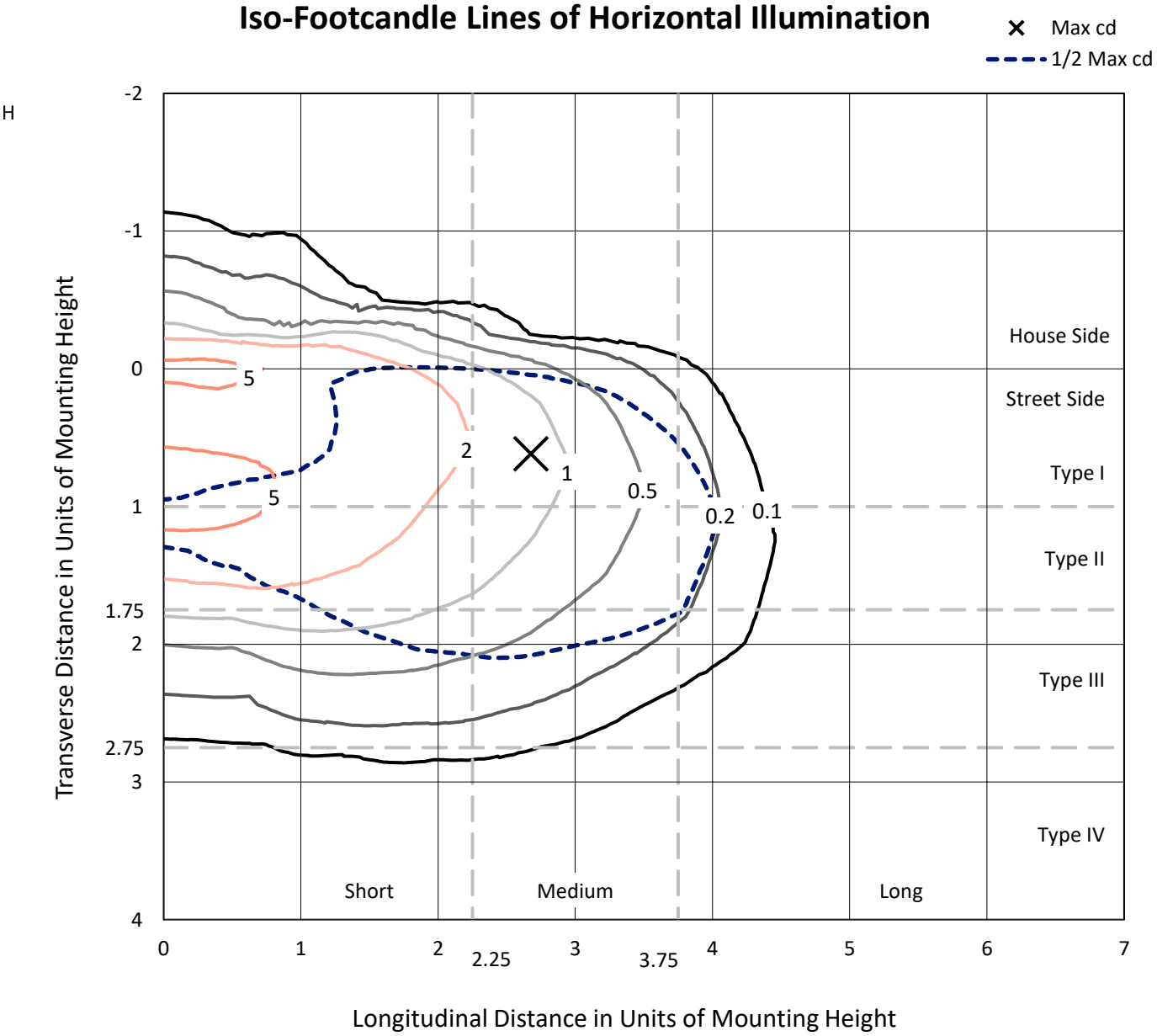


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Iso-Footcandle Lines of Horizontal Illumination



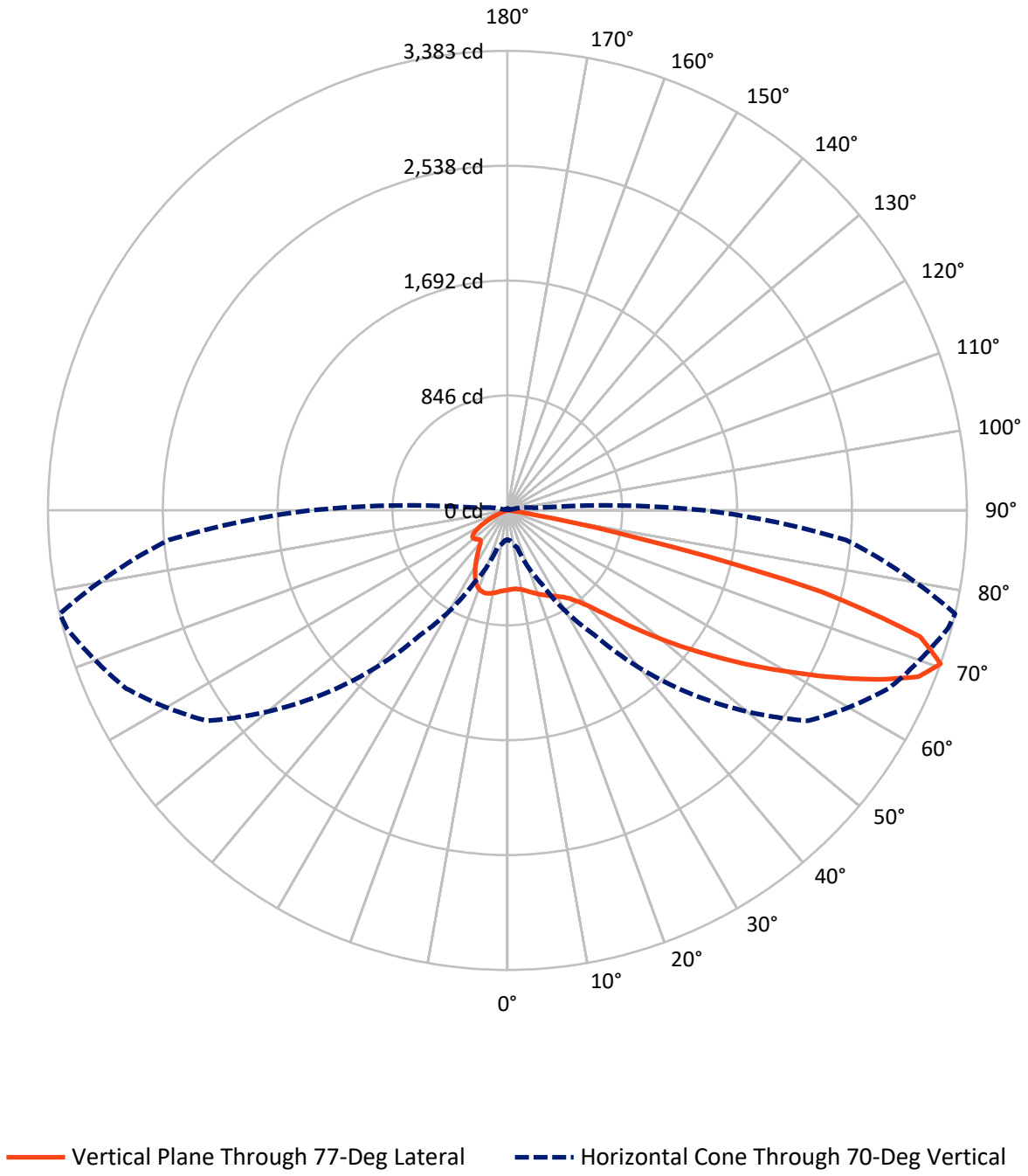
Based on 10 foot mounting height. Maximum calculated value = 6.9 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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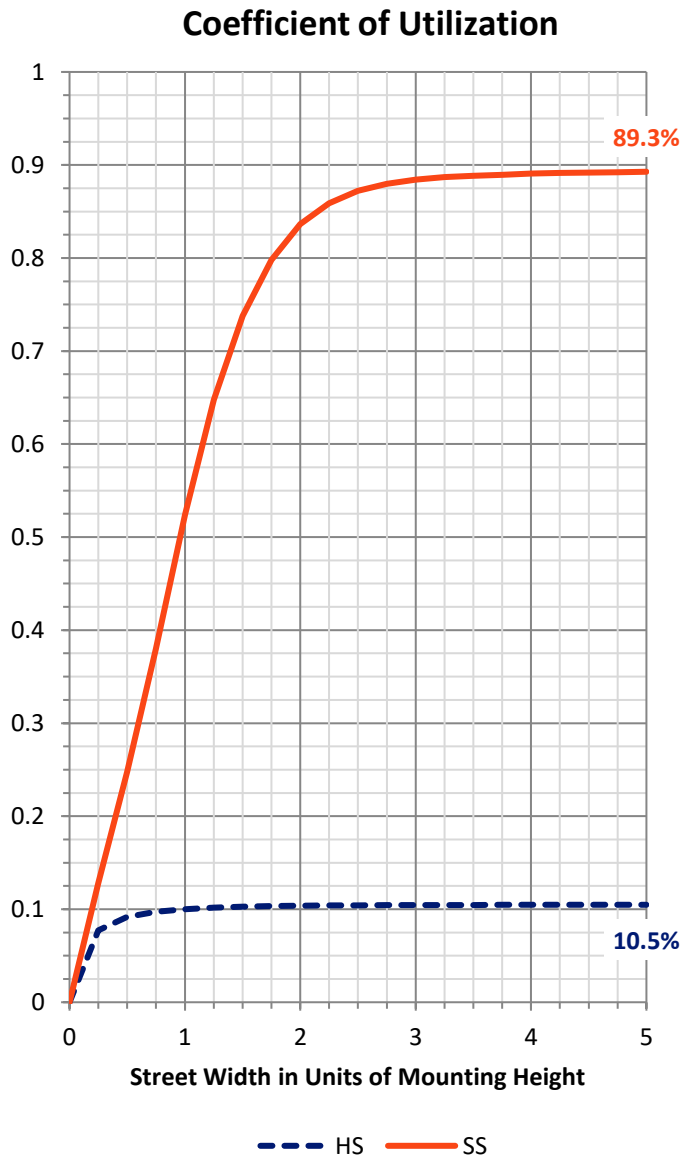
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	395.8	0.0	395.8
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	3359.2	0.0	3359.2
	% Fixture	89.5	0.0	89.5
Total	Lumens	3755.0	0.0	3755.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.5	1.3
10°-20°	119.8	3.2
20°-30°	185.3	4.9
30°-40°	336.3	9.0
40°-50°	634.8	16.9
50°-60°	917.3	24.4
60°-70°	976.4	26.0
70°-80°	517.4	13.8
80°-90°	17.0	0.5
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°	3755.0	100.0
0°-180°	3755.0	100.0



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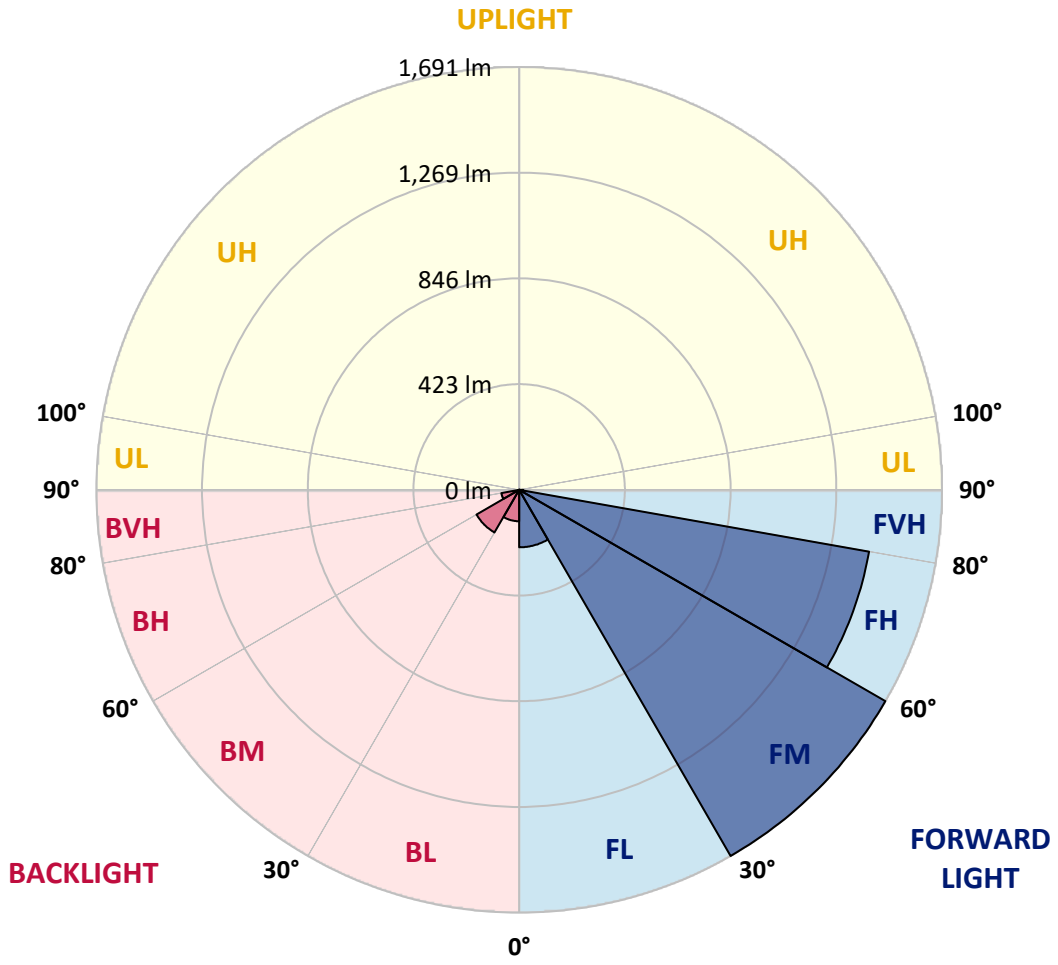
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	229.9	6.1			
FM	(30°-60°)	1691.4	45.0			
FH	(60°-80°)	1421.3	37.9			G1/1800
FVH	(80°-90°)	16.5	0.4			G1/100
BL	(0°-30°)	125.8	3.3	B1/500		
BM	(30°-60°)	197.0	5.2	B0/220		
BH	(60°-80°)	72.6	1.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.7	*585.7*	585.7
2.5°	549.9	554.9	554.2	557.5	558.7	563.4	568.2	574.6	581.7	*581.4*	586.2
5°	518.8	523.8	525.0	529.5	535.2	542.6	552.3	565.1	578.4	*580.5*	590.0
7.5°	482.1	487.3	490.4	499.4	509.8	525.0	540.9	559.6	581.7	*584.8*	603.0
10°	445.3	450.1	454.1	466.9	483.5	506.0	531.9	558.9	588.6	*593.1*	618.9
12.5°	422.6	427.1	431.6	442.7	463.4	490.9	526.0	562.2	599.9	*606.3*	640.5
15°	414.5	418.5	422.1	432.1	451.3	482.6	524.8	569.1	614.4	*622.9*	666.6
17.5°	415.7	417.8	420.2	427.8	446.5	478.8	526.9	581.0	631.5	*639.1*	692.7
20°	422.6	423.8	424.0	429.2	445.8	478.3	531.2	592.4	647.6	*657.8*	718.5
22.5°	431.3	431.8	431.3	434.9	450.3	481.8	536.9	606.1	665.6	*675.1*	744.6
25°	472.4	463.4	452.0	445.1	457.9	488.7	545.4	624.6	685.3	*694.6*	770.0
27.5°	599.7	573.9	533.1	487.3	473.5	498.7	557.3	643.3	705.2	*713.5*	797.2
30°	806.5	772.6	703.3	600.2	523.8	519.6	572.7	662.1	726.3	*735.3*	826.4
32.5°	1013.7	1005.4	925.5	782.8	636.9	566.0	598.3	687.4	754.3	*761.4*	865.8
35°	1223.4	1206.5	1141.1	1000.0	811.2	660.6	641.0	720.6	791.1	*799.1*	923.1
37.5°	1383.9	1373.7	1333.1	1217.0	1018.0	806.7	714.0	772.1	844.4	*853.4*	996.7
40°	1525.7	1521.0	1507.2	1430.6	1249.2	997.8	827.6	851.8	918.4	*929.1*	1086.8
42.5°	1637.1	1648.3	1656.1	1634.8	1487.5	1216.0	980.3	963.7	1021.6	*1032.5*	1201.5
45°	1751.2	1755.0	1786.5	1817.4	1724.2	1444.1	1152.5	1094.8	1149.8	*1163.4*	1339.1
47.5°	1824.5	1839.7	1895.1	1949.4	1923.1	1670.3	1337.4	1249.7	1298.5	*1323.9*	1493.2
50°	1829.9	1858.6	1935.0	2029.6	2068.0	1885.7	1538.5	1426.1	1478.0	*1506.0*	1657.8
52.5°	1739.1	1783.7	1902.0	2040.5	2146.3	2068.0	1746.5	1602.5	1669.2	*1705.7*	1828.5
55°	1333.4	1391.7	1778.0	1981.2	2149.4	2206.3	1949.0	1786.3	1882.1	*1923.4*	2013.0
57.5°	1161.7	1191.1	1397.9	1878.3	2092.2	2262.0	2132.0	1961.3	2113.8	*2165.0*	2187.3
60°	966.5	1005.2	1172.4	1709.9	2014.7	2267.4	2293.8	2187.1	2364.9	*2422.5*	2347.1
62.5°	656.9	698.8	865.1	1420.6	1908.7	2264.8	2426.3	2419.4	2644.0	*2705.9*	2482.5
65°	406.9	433.2	542.8	1160.0	1760.5	2267.7	2565.0	2701.6	2938.5	*3001.4*	2587.3
67.5°	321.5	333.6	390.8	890.7	1505.1	2203.7	2703.5	2967.0	3215.7	*3265.5*	2619.3
70°	*216.0*	*223.4*	*284.3*	*597.1*	*1119.7*	*1908.2*	*2700.9*	*3100.2*	*3358.5*	*3383.4*	*2502.7*
72.5°	113.8	119.5	166.2	276.5	676.3	1356.4	2276.7	2940.9	3216.4	*3179.0*	2139.2
75°	56.9	66.4	111.9	140.4	288.8	756.4	1413.8	2318.7	2531.6	*2386.5*	1372.5
77.5°	43.2	52.2	92.5	92.5	100.5	254.7	598.8	1264.6	1166.4	*971.3*	402.9
80°	27.5	35.6	80.9	70.0	42.0	64.7	156.0	354.3	247.8	*188.5*	73.3
82.5°	16.1	23.2	67.3	46.2	23.5	24.0	44.1	75.4	64.3	*50.0*	22.5
85°	6.4	15.2	46.2	18.3	9.2	5.9	13.3	16.1	13.3	*10.0*	5.7
87.5°	0.0	3.6	8.1	0.0	0.7	0.5	0.9	1.2	1.2	*0.9*	1.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.7	585.7
2.5°	588.3	588.8	590.2	590.5	587.1	582.9	581.2	580.5	577.6	577.4	577.9
5°	595.4	597.6	595.4	589.3	574.6	553.9	538.3	525.5	513.9	510.3	508.2
7.5°	609.7	611.8	605.4	581.2	544.2	503.2	466.2	440.1	416.6	407.9	404.3
10°	630.1	632.9	612.7	563.9	498.4	432.5	369.9	325.8	291.4	277.4	271.5
12.5°	655.7	656.9	616.8	537.6	438.9	344.8	256.1	208.9	178.3	166.9	163.4
15°	683.9	682.2	617.3	501.8	357.8	243.8	167.2	137.3	125.0	121.2	121.2
17.5°	713.5	706.6	607.8	450.1	268.9	166.7	124.0	116.9	114.8	113.8	113.6
20°	742.7	727.3	590.5	382.5	193.0	124.5	112.6	110.5	109.3	108.8	108.4
22.5°	769.3	742.9	560.8	304.0	140.1	110.0	106.5	104.6	102.4	101.5	101.3
25°	795.1	751.9	519.1	230.7	112.2	102.9	100.1	96.5	93.7	92.5	92.0
27.5°	820.2	757.6	466.9	170.7	100.1	96.3	91.1	86.1	83.9	83.5	83.0
30°	847.0	759.5	407.6	127.3	92.7	88.0	80.4	74.7	73.5	73.7	73.7
32.5°	879.8	762.4	347.9	104.3	86.6	78.0	69.0	63.1	62.1	63.1	62.8
35°	918.9	768.1	290.2	96.0	81.1	67.8	58.1	53.1	52.2	52.9	52.6
37.5°	972.0	777.3	236.4	94.4	76.6	59.3	48.8	44.8	44.8	45.1	44.8
40°	1042.7	802.0	188.3	93.2	74.2	52.9	41.3	39.6	40.3	40.8	40.8
42.5°	1128.7	854.4	155.8	91.8	71.6	50.0	37.5	36.8	37.9	38.4	38.4
45°	1225.3	920.8	144.4	89.4	69.2	51.9	35.8	34.9	36.3	36.5	36.8
47.5°	1325.1	985.8	143.0	86.8	66.9	54.8	35.3	33.2	34.9	35.1	35.3
50°	1426.1	1028.2	144.4	82.8	63.1	54.8	35.6	31.5	33.0	33.7	33.9
52.5°	1527.8	1047.6	143.5	74.0	56.4	51.5	35.6	30.1	31.5	32.0	32.0
55°	1626.5	1043.8	129.0	60.9	47.9	45.5	34.6	28.9	29.9	30.1	30.1
57.5°	1704.5	991.0	102.2	47.4	38.9	37.9	31.5	27.5	28.2	28.0	28.0
60°	1745.3	874.8	73.0	36.5	30.6	29.9	27.7	25.6	26.1	24.9	24.7
62.5°	1745.8	721.1	48.8	28.9	24.4	23.7	23.7	23.0	22.5	20.2	19.4
65°	1708.5	550.6	32.5	23.0	19.7	18.5	19.9	19.7	18.0	14.7	14.2
67.5°	1624.1	360.9	24.7	18.0	15.2	14.5	15.9	16.6	15.4	12.3	12.1
70°	*1450.5*	*210.1*	*20.4*	*14.0*	*11.4*	*10.7*	*12.8*	*14.2*	*12.8*	*10.0*	*9.5*
72.5°	1204.9	113.3	16.6	10.4	7.8	7.1	10.2	11.6	10.2	7.4	7.1
75°	781.8	60.7	12.8	6.9	4.0	4.5	7.6	8.5	7.1	4.7	4.3
77.5°	262.5	26.8	8.1	3.3	1.9	1.9	4.5	5.2	3.3	1.7	1.4
80°	58.6	11.1	3.3	1.4	0.7	0.7	0.9	0.9	0.5	0.0	0.0
82.5°	19.2	4.5	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.4	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	0.2	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)