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: P1197831

Luminaire Tested: GPC-SB1B-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:	P1197831
	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-SB1B-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA 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:	4713 lumens
Efficiency:	N/A
Efficacy:	118.4 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):	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

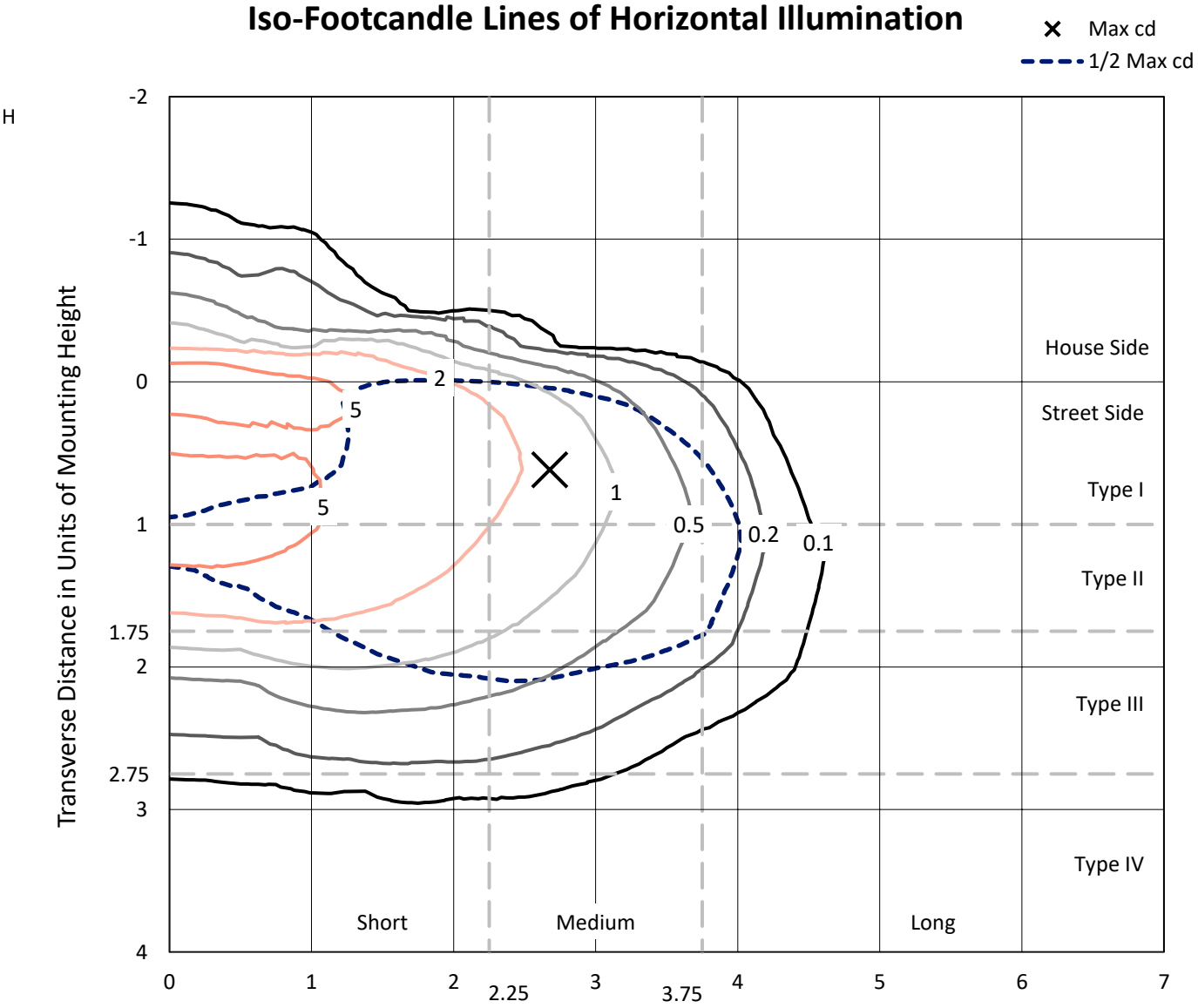


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Iso-Footcandle Lines of Horizontal Illumination



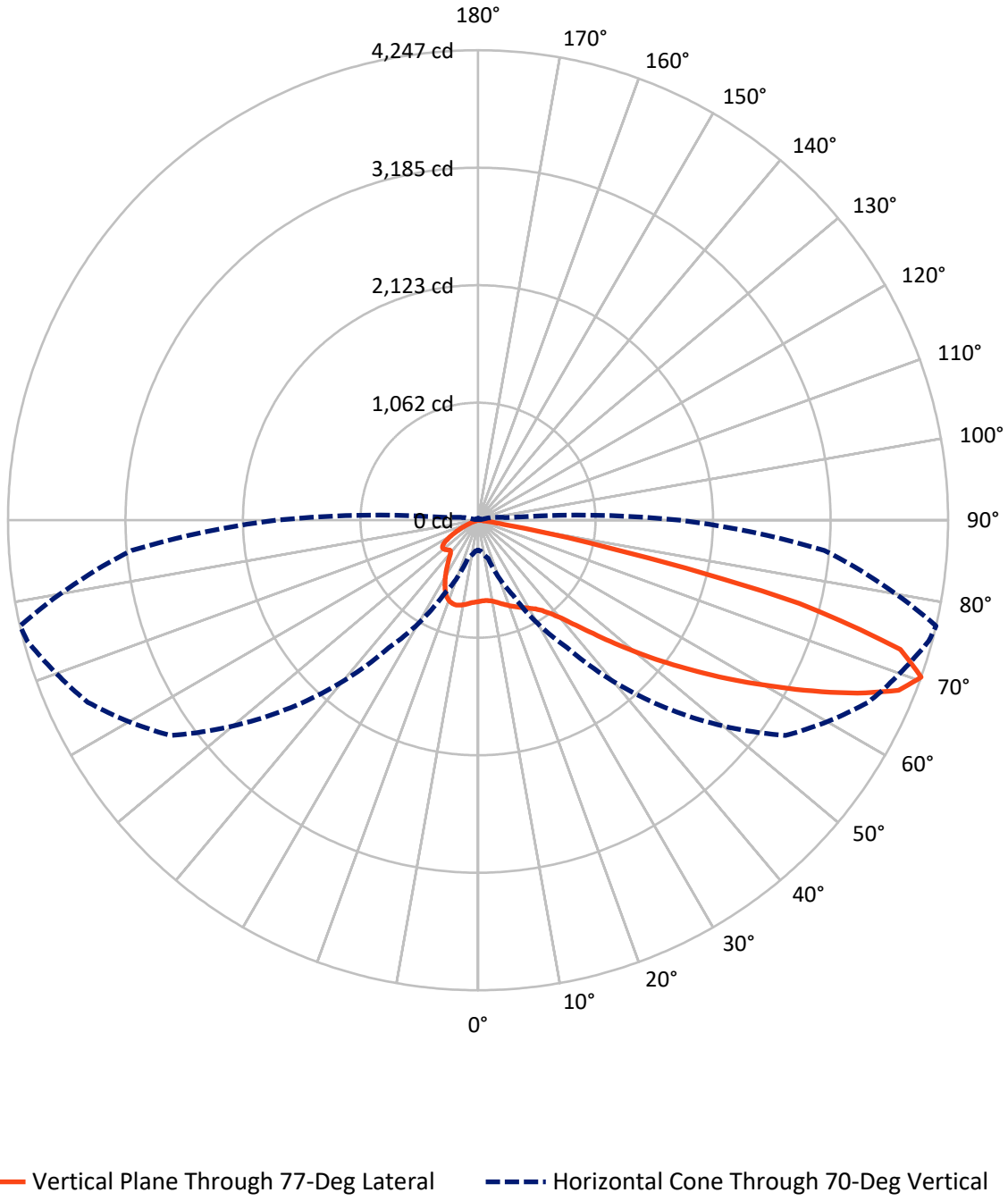
Based on 10 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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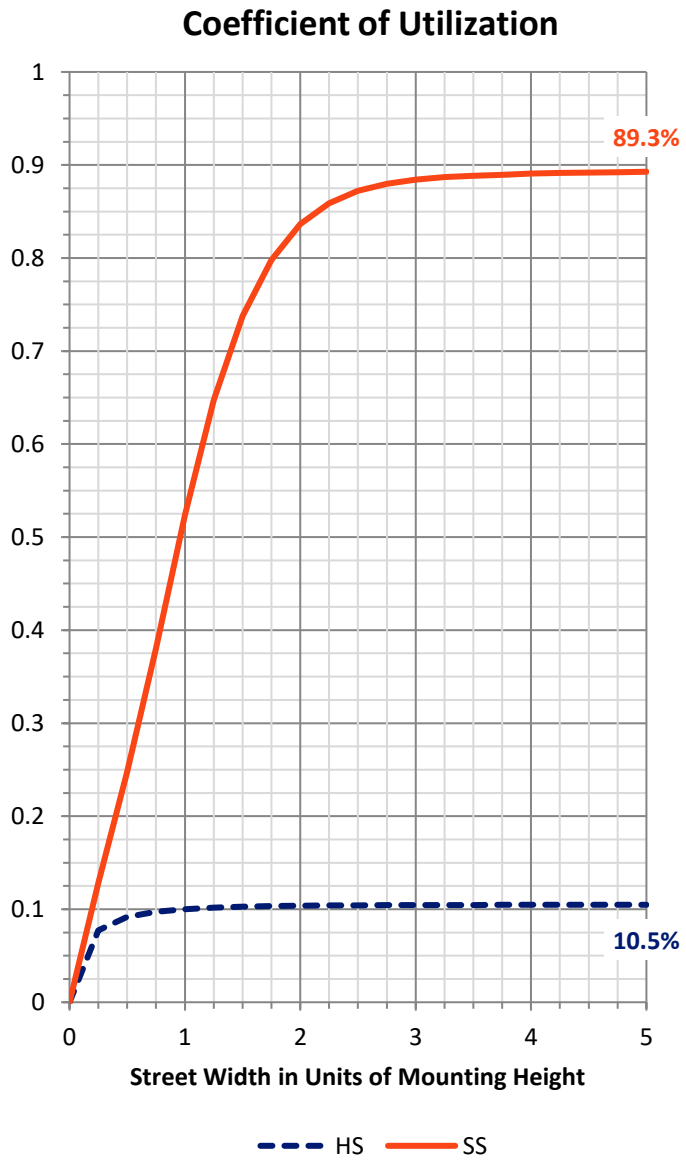
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	496.8	0.0	496.8
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	4216.2	0.0	4216.2
	% Fixture	89.5	0.0	89.5
Total	Lumens	4713.0	0.0	4713.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	1.3
10°-20°	150.4	3.2
20°-30°	232.6	4.9
30°-40°	422.1	9.0
40°-50°	796.8	16.9
50°-60°	1151.3	24.4
60°-70°	1225.6	26.0
70°-80°	649.5	13.8
80°-90°	21.3	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°	4713.0	100.0
0°-180°	4713.0	100.0



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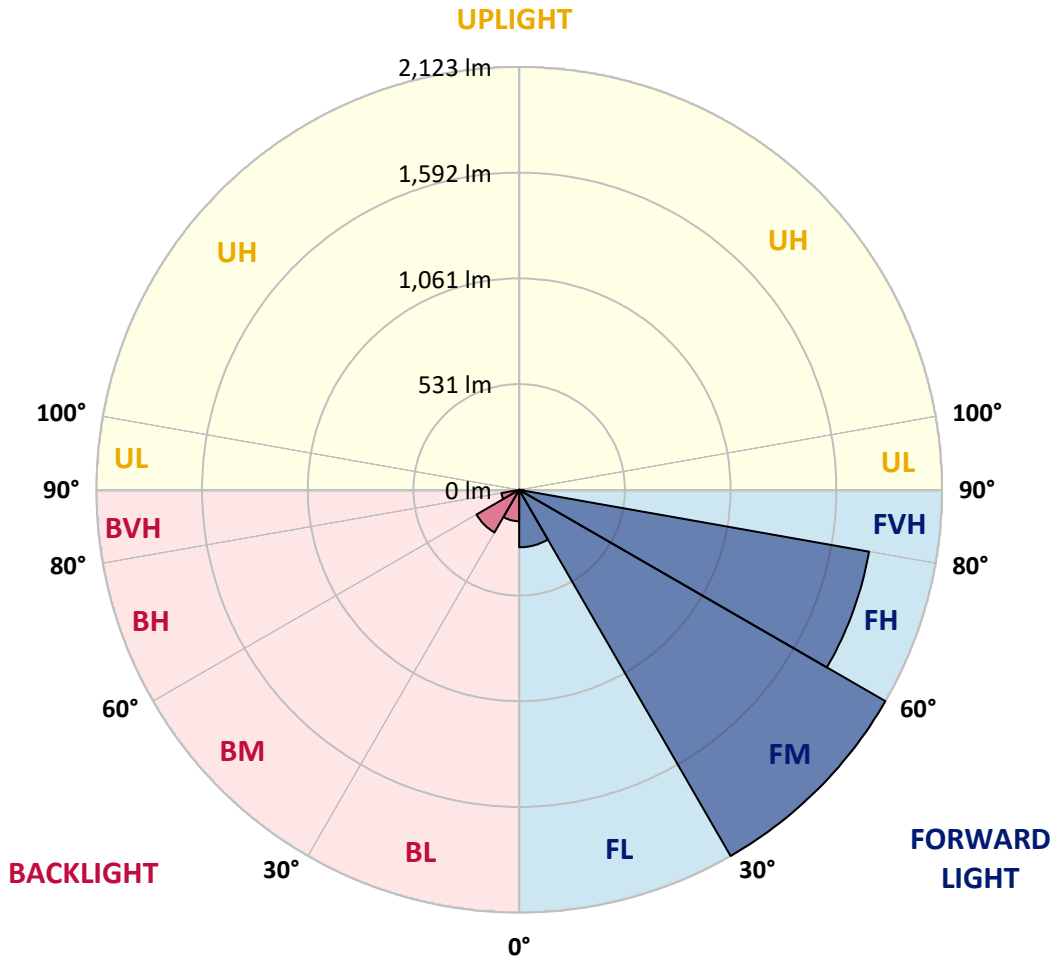
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	288.5	6.1			
FM	(30°-60°)	2122.9	45.0			
FH	(60°-80°)	1783.9	37.9			G1/1800
FVH	(80°-90°)	20.8	0.4			G1/100
BL	(0°-30°)	157.8	3.3	B1/500		
BM	(30°-60°)	247.3	5.2	B1/1000		
BH	(60°-80°)	91.1	1.9	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-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	*735.1*	735.1
2.5°	690.2	696.5	695.6	699.7	701.2	707.2	713.1	721.2	730.1	*729.8*	735.7
5°	651.2	657.5	658.9	664.6	671.7	681.0	693.2	709.2	725.9	*728.6*	740.5
7.5°	605.1	611.6	615.5	626.8	639.9	658.9	678.9	702.4	730.1	*734.0*	756.9
10°	558.9	564.9	570.0	586.0	606.9	635.1	667.6	701.5	738.7	*744.4*	776.8
12.5°	530.4	536.0	541.7	555.7	581.6	616.1	660.1	705.7	753.0	*761.0*	803.9
15°	520.3	525.3	529.8	542.3	566.4	605.7	658.7	714.3	771.2	*781.9*	836.6
17.5°	521.7	524.4	527.4	536.9	560.4	600.9	661.3	729.2	792.6	*802.1*	869.4
20°	530.4	531.9	532.2	538.7	559.5	600.3	666.7	743.5	812.8	*825.6*	901.8
22.5°	541.4	542.0	541.4	545.9	565.2	604.8	673.8	760.7	835.4	*847.3*	934.6
25°	592.9	581.6	567.3	558.6	574.7	613.4	684.5	784.0	860.1	*871.8*	966.4
27.5°	752.7	720.3	669.1	611.6	594.4	625.9	699.4	807.5	885.1	*895.6*	1000.6
30°	1012.2	969.7	882.8	753.3	657.5	652.1	718.8	831.0	911.6	*922.9*	1037.2
32.5°	1272.4	1261.9	1161.6	982.5	799.4	710.4	750.9	862.8	946.8	*955.7*	1086.6
35°	1535.5	1514.3	1432.2	1255.1	1018.2	829.2	804.5	904.5	992.9	*1003.0*	1158.7
37.5°	1737.0	1724.2	1673.3	1527.4	1277.7	1012.5	896.2	969.1	1059.9	*1071.2*	1250.9
40°	1914.9	1909.0	1891.7	1795.6	1567.9	1252.4	1038.7	1069.1	1152.7	*1166.1*	1364.0
42.5°	2054.8	2068.8	2078.6	2051.9	1867.0	1526.2	1230.4	1209.6	1282.2	*1295.9*	1508.1
45°	2198.0	2202.7	2242.3	2281.0	2164.1	1812.6	1446.5	1374.2	1443.2	*1460.2*	1680.7
47.5°	2290.0	2309.0	2378.6	2446.8	2413.8	2096.5	1678.6	1568.5	1629.8	*1661.7*	1874.2
50°	2296.8	2332.8	2428.7	2547.4	2595.6	2366.7	1931.0	1789.9	1855.1	*1890.2*	2080.7
52.5°	2182.8	2238.8	2387.3	2561.1	2693.8	2595.6	2192.0	2011.4	2095.0	*2140.8*	2295.0
55°	1673.6	1746.8	2231.6	2486.7	2697.7	2769.1	2446.2	2242.0	2362.3	*2414.1*	2526.6
57.5°	1458.1	1495.0	1754.5	2357.5	2626.0	2839.1	2676.0	2461.7	2653.1	*2717.4*	2745.3
60°	1213.1	1261.6	1471.5	2146.2	2528.7	2845.9	2879.0	2745.0	2968.3	*3040.6*	2945.9
62.5°	824.4	877.1	1085.7	1783.1	2395.6	2842.7	3045.3	3036.7	3318.6	*3396.2*	3115.9
65°	510.7	543.8	681.3	1456.0	2209.6	2846.2	3219.4	3390.9	3688.2	*3767.1*	3247.4
67.5°	403.6	418.8	490.5	1117.9	1889.0	2765.9	3393.3	3723.9	4036.1	*4098.6*	3287.6
70°	*271.1*	*280.4*	*356.9*	*749.4*	*1405.4*	*2395.0*	*3390.0*	*3891.2*	*4215.3*	*4246.6*	*3141.2*
72.5°	142.9	150.0	208.6	347.0	848.8	1702.4	2857.5	3691.2	4037.0	*3990.0*	2684.9
75°	71.4	83.3	140.5	176.2	362.5	949.4	1774.5	2910.2	3177.5	*2995.3*	1722.7
77.5°	54.2	65.5	116.1	116.1	126.2	319.7	751.5	1587.3	1464.0	*1219.1*	505.7
80°	34.5	44.6	101.5	87.8	52.7	81.3	195.8	444.7	311.0	*236.6*	92.0
82.5°	20.2	29.2	84.5	58.0	29.5	30.1	55.4	94.6	80.7	*62.8*	28.3
85°	8.0	19.0	58.0	22.9	11.6	7.4	16.7	20.2	16.7	*12.5*	7.1
87.5°	0.0	4.5	10.1	0.0	0.9	0.6	1.2	1.5	1.5	*1.2*	2.4
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°	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1
2.5°	738.4	739.0	740.8	741.1	736.9	731.6	729.5	728.6	725.0	724.7	725.3
5°	747.3	750.0	747.3	739.6	721.2	695.3	675.6	659.5	645.0	640.5	637.8
7.5°	765.2	767.9	759.8	729.5	683.1	631.6	585.1	552.4	522.9	511.9	507.5
10°	790.8	794.4	769.1	707.8	625.6	542.9	464.3	408.9	365.8	348.2	340.8
12.5°	822.9	824.4	774.1	674.7	550.9	432.8	321.4	262.2	223.8	209.5	205.1
15°	858.4	856.3	774.7	629.8	449.1	306.0	209.8	172.3	156.9	152.1	152.1
17.5°	895.6	886.9	762.8	564.9	337.5	209.2	155.7	146.7	144.1	142.9	142.6
20°	932.2	912.8	741.1	480.1	242.3	156.3	141.4	138.7	137.2	136.6	136.0
22.5°	965.5	932.5	703.9	381.6	175.9	138.1	133.6	131.3	128.6	127.4	127.1
25°	997.9	943.8	651.5	289.6	140.8	129.2	125.6	121.1	117.6	116.1	115.5
27.5°	1029.5	950.9	586.0	214.3	125.6	120.8	114.3	108.0	105.4	104.8	104.2
30°	1063.1	953.3	511.6	159.8	116.4	110.4	100.9	93.8	92.3	92.6	92.6
32.5°	1104.2	956.9	436.6	131.0	108.6	97.9	86.6	79.2	78.0	79.2	78.9
35°	1153.3	964.0	364.3	120.5	101.8	85.1	72.9	66.7	65.5	66.4	66.1
37.5°	1220.0	975.6	296.7	118.5	96.1	74.4	61.3	56.3	56.3	56.5	56.3
40°	1308.7	1006.6	236.3	117.0	93.2	66.4	51.8	49.7	50.6	51.2	51.2
42.5°	1416.7	1072.4	195.5	115.2	89.9	62.8	47.0	46.1	47.6	48.2	48.2
45°	1537.8	1155.7	181.3	112.2	86.9	65.2	44.9	43.8	45.5	45.8	46.1
47.5°	1663.1	1237.2	179.5	108.9	83.9	68.8	44.3	41.7	43.8	44.0	44.3
50°	1789.9	1290.5	181.3	103.9	79.2	68.8	44.6	39.6	41.4	42.3	42.6
52.5°	1917.6	1314.9	180.1	92.9	70.8	64.6	44.6	37.8	39.6	40.2	40.2
55°	2041.4	1310.2	161.9	76.5	60.1	57.1	43.5	36.3	37.5	37.8	37.8
57.5°	2139.4	1243.8	128.3	59.5	48.8	47.6	39.6	34.5	35.4	35.1	35.1
60°	2190.5	1098.0	91.7	45.8	38.4	37.5	34.8	32.1	32.7	31.3	31.0
62.5°	2191.1	905.1	61.3	36.3	30.7	29.8	29.8	28.9	28.3	25.3	24.4
65°	2144.4	691.1	40.8	28.9	24.7	23.2	25.0	24.7	22.6	18.5	17.9
67.5°	2038.5	453.0	31.0	22.6	19.0	18.2	19.9	20.8	19.3	15.5	15.2
70°	*1820.6*	*263.7*	*25.6*	*17.6*	*14.3*	*13.4*	*16.1*	*17.9*	*16.1*	*12.5*	*11.9*
72.5°	1512.3	142.3	20.8	13.1	9.8	8.9	12.8	14.6	12.8	9.2	8.9
75°	981.3	76.2	16.1	8.6	5.1	5.7	9.5	10.7	8.9	6.0	5.4
77.5°	329.5	33.6	10.1	4.2	2.4	2.4	5.7	6.5	4.2	2.1	1.8
80°	73.5	14.0	4.2	1.8	0.9	0.9	1.2	1.2	0.6	0.0	0.0
82.5°	24.1	5.7	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.2	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	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)