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: P1197827

Luminaire Tested: GPC-SB1B-735-U-T2R-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:	P1197827
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4793 lumens
Efficiency:	N/A
Efficacy:	120.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - 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

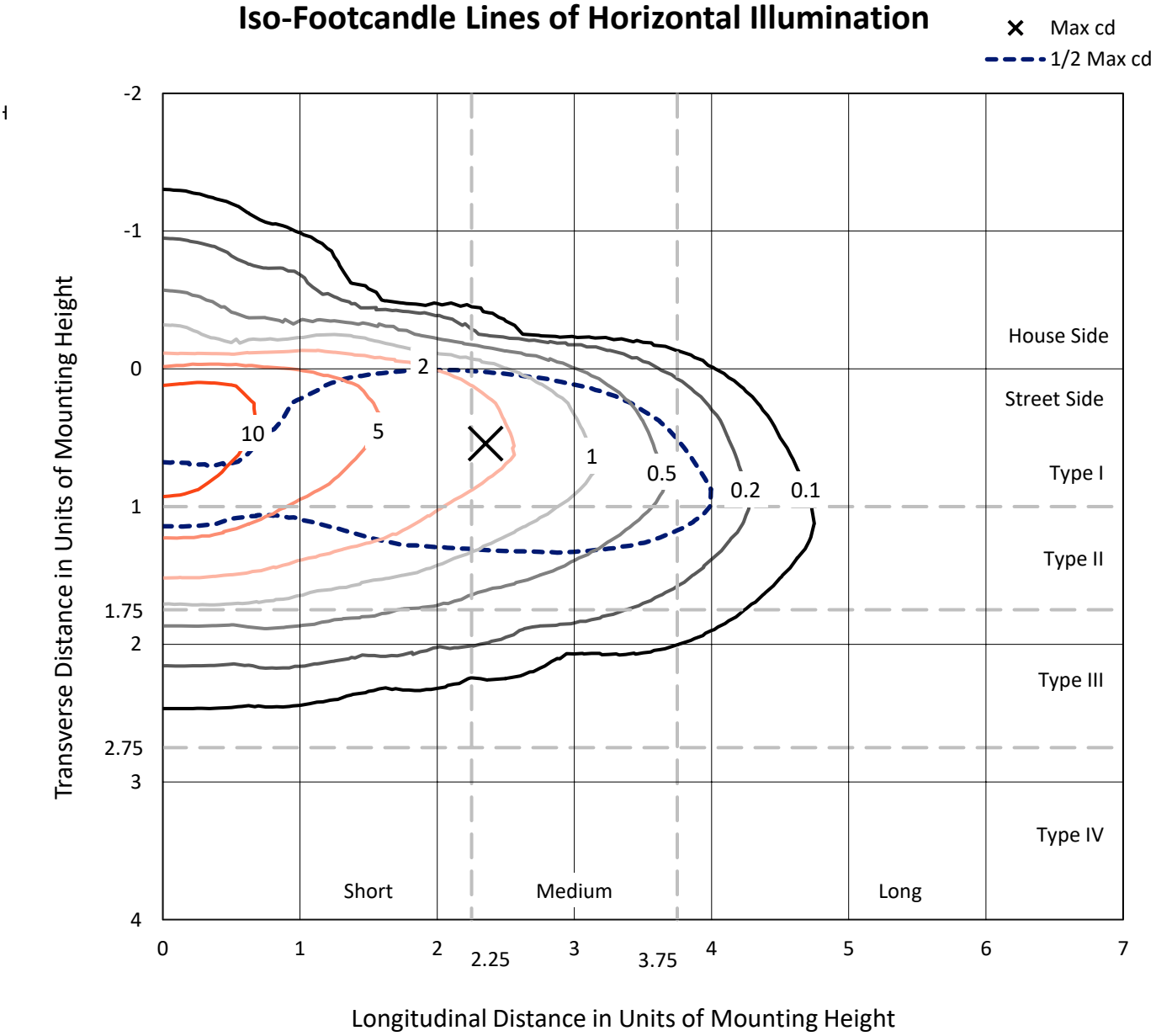


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Iso-Footcandle Lines of Horizontal Illumination



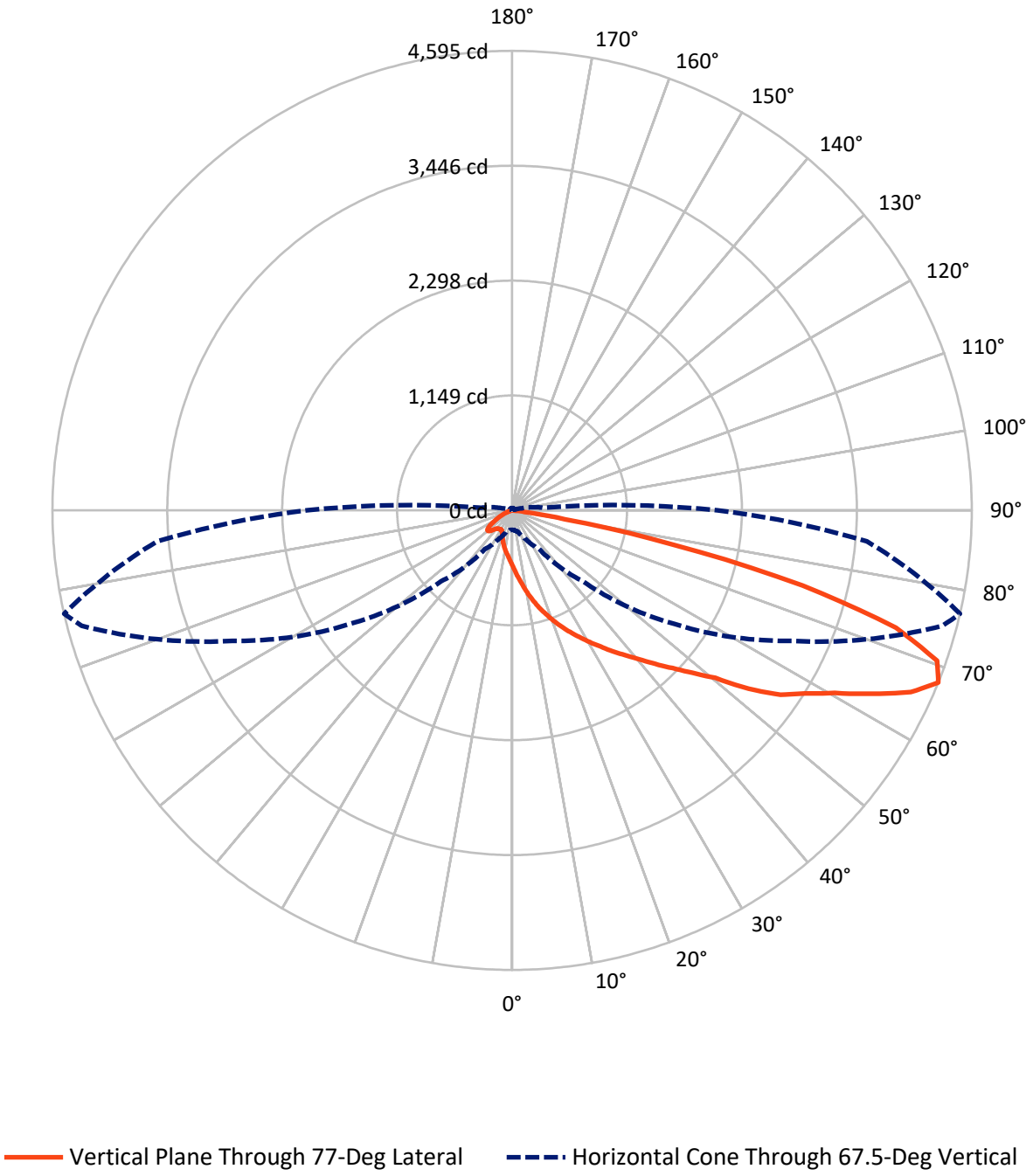
Based on 10 foot mounting height. Maximum calculated value = 12.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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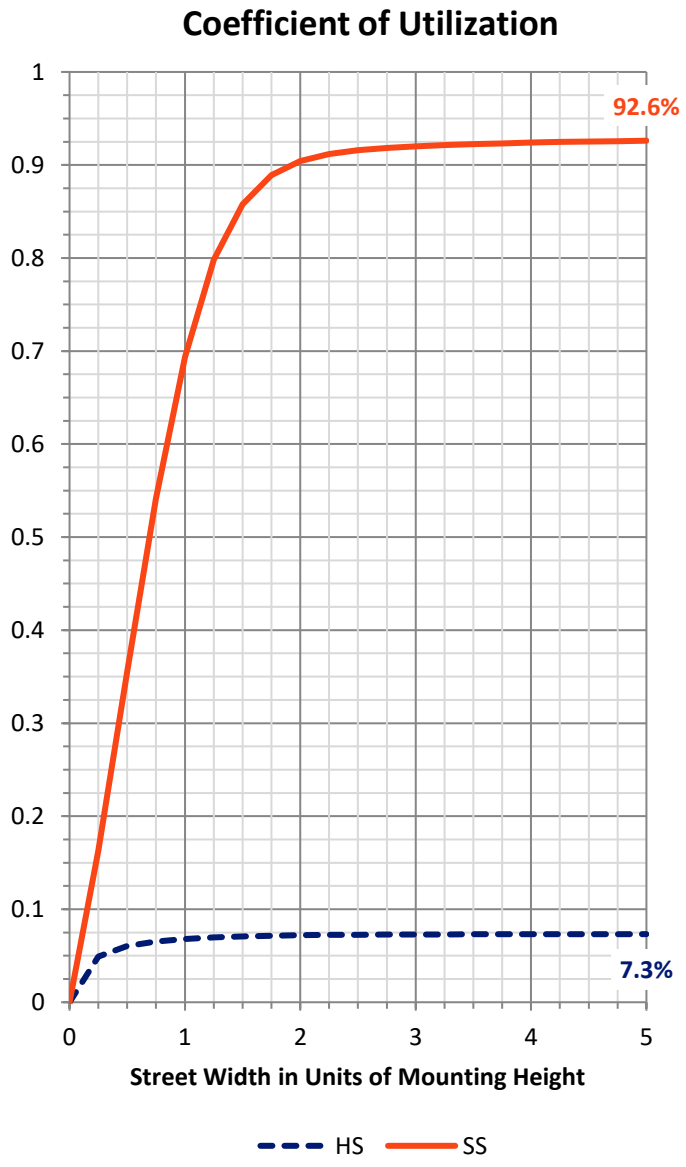
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	352.6	0.0	352.6
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	4440.4	0.0	4440.4
	% Fixture	92.6	0.0	92.6
Total	Lumens	4793.0	0.0	4793.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.4	1.2
10°-20°	197.5	4.1
20°-30°	381.2	8.0
30°-40°	661.8	13.8
40°-50°	960.9	20.0
50°-60°	1103.5	23.0
60°-70°	958.0	20.0
70°-80°	451.3	9.4
80°-90°	22.3	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°	4793.0	100.0
0°-180°	4793.0	100.0



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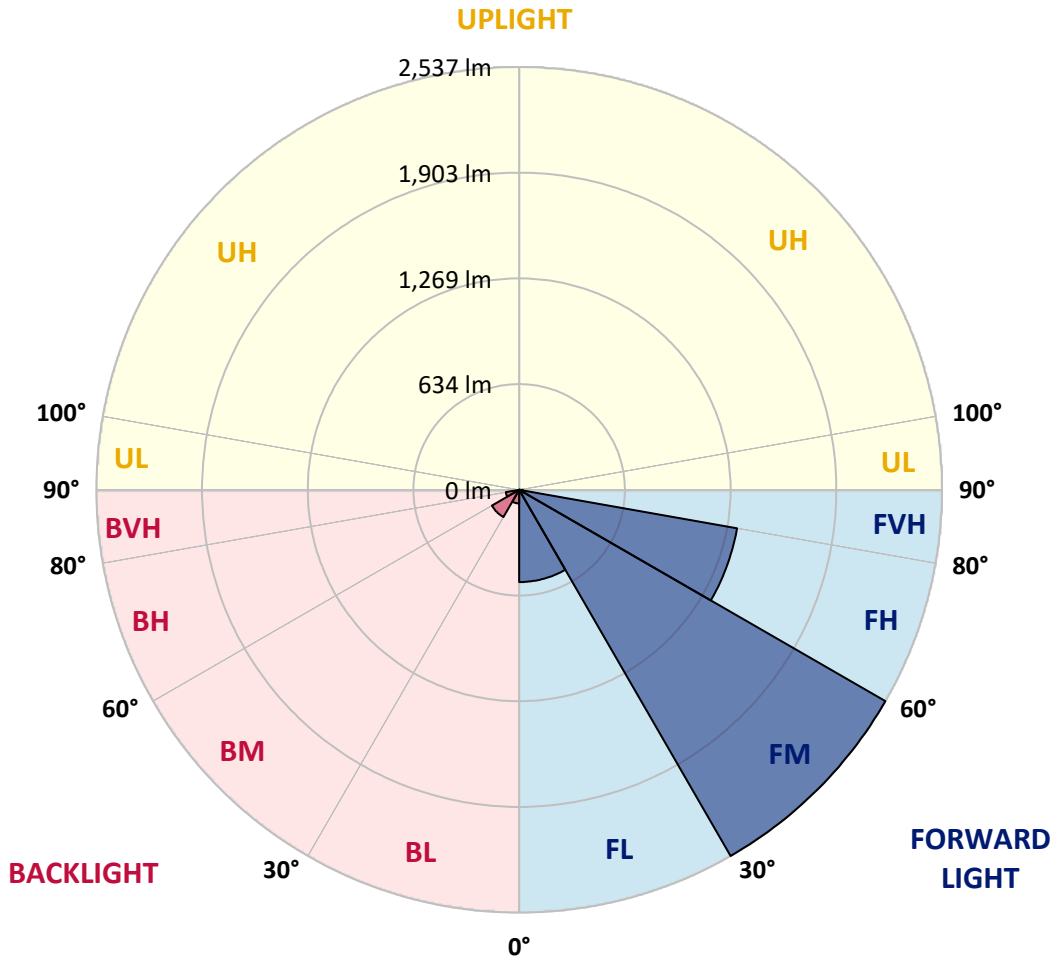
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	553.5	11.5			
FM	(30°-60°)	2537.3	52.9			
FH	(60°-80°)	1327.7	27.7			G1/1800
FVH	(80°-90°)	21.9	0.5			G1/100
BL	(0°-30°)	81.6	1.7	B0/110		
BM	(30°-60°)	188.9	3.9	B0/220		
BH	(60°-80°)	81.6	1.7	B0/110		G0/110
BVH	(80°-90°)	0.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	*552.7*	552.7
2.5°	765.2	770.0	763.1	750.0	730.4	717.6	686.3	656.9	624.1	*613.7*	581.0
5°	932.8	936.9	929.2	914.9	888.7	863.7	822.7	761.0	697.1	*676.5*	618.5
7.5°	1056.9	1059.3	1056.3	1043.2	1018.2	989.9	944.1	871.2	776.2	*753.6*	664.6
10°	1146.2	1153.9	1153.0	1148.0	1131.3	1108.4	1059.6	976.5	864.9	*835.8*	716.7
12.5°	1205.4	1214.0	1219.1	1230.4	1229.5	1214.9	1172.1	1084.3	953.3	*919.1*	775.3
15°	1222.7	1231.9	1251.2	1277.4	1300.7	1308.1	1278.0	1189.9	1050.6	*1006.9*	835.5
17.5°	1212.9	1227.1	1250.4	1291.7	1342.6	1376.3	1373.0	1292.0	1139.0	*1089.0*	894.4
20°	1234.6	1248.3	1266.4	1301.2	1360.5	1421.5	1445.9	1389.6	1226.8	*1174.5*	956.3
22.5°	1354.8	1352.4	1354.2	1359.9	1395.3	1455.7	1506.0	1478.3	1313.7	*1260.2*	1021.8
25°	1545.3	1534.6	1516.4	1485.8	1476.9	1506.0	1558.4	1556.9	1405.4	*1348.0*	1088.7
27.5°	1763.8	1762.0	1719.4	1645.6	1603.9	1592.6	1617.6	1633.4	1496.2	*1434.9*	1156.0
30°	1973.0	1977.8	1920.3	1838.2	1761.7	1717.3	1694.7	1706.0	1588.5	*1528.6*	1225.4
32.5°	2155.2	2160.2	2097.7	2001.6	1906.9	1853.4	1805.7	1777.8	1689.1	*1623.9*	1301.5
35°	2309.0	2314.1	2242.4	2136.1	2035.2	1986.7	1932.8	1856.3	1790.3	*1729.5*	1386.4
37.5°	2446.5	2445.1	2348.9	2241.8	2142.7	2104.3	2076.0	1953.1	1894.4	*1835.8*	1480.4
40°	2527.8	2534.0	2451.9	2333.7	2237.6	2209.6	2207.8	2073.0	2014.7	*1957.8*	1583.4
42.5°	2551.6	2562.6	2503.1	2406.1	2318.9	2288.5	2335.2	2202.8	2154.6	*2099.2*	1699.8
45°	2508.7	2519.5	2492.4	2425.1	2374.2	2354.6	2444.8	2337.3	2304.0	*2249.2*	1831.0
47.5°	2383.7	2397.1	2403.7	2389.4	2388.8	2408.7	2543.0	2479.0	2481.4	*2425.4*	1983.1
50°	2141.8	2164.4	2224.5	2275.1	2353.4	2451.6	2638.5	2632.6	2681.4	*2633.2*	2181.3
52.5°	1701.9	1734.0	1941.2	2079.6	2255.5	2443.6	2743.6	2879.0	3032.3	*2961.7*	2460.8
55°	1367.6	1367.6	1536.1	1795.0	2064.4	2390.6	2789.4	3039.1	3271.3	*3254.6*	2657.6
57.5°	1114.9	1128.3	1235.8	1464.6	1787.9	2264.4	2817.7	3139.7	3463.8	*3451.6*	2849.8
60°	688.1	717.0	920.0	1145.9	1473.3	2039.7	2799.8	3241.5	3697.5	*3707.3*	3081.4
62.5°	387.5	398.2	488.7	824.4	1145.6	1737.6	2663.2	3298.4	3996.3	*4038.0*	3320.1
65°	267.6	272.9	307.8	513.1	794.1	1383.4	2396.2	3262.9	4295.7	*4380.0*	3522.5
67.5°	*194.4*	*197.0*	*218.8*	*313.4*	*471.2*	*1003.0*	*1977.8*	*3084.4*	*4454.4*	*4595.1*	*3561.2*
70°	149.4	151.2	167.0	206.0	278.3	619.1	1436.4	2729.3	4339.5	*4507.6*	3362.9
72.5°	121.4	123.2	135.4	152.4	184.5	366.1	870.6	2216.5	3832.3	*4013.9*	2862.9
75°	102.4	104.8	115.8	126.8	144.6	235.1	408.4	1543.5	2882.0	*3001.0*	1990.9
77.5°	56.8	52.4	94.1	105.1	122.0	148.8	191.1	908.4	1614.1	*1647.1*	883.4
80°	35.4	36.6	74.7	84.5	93.8	75.0	87.5	349.7	559.5	*531.6*	171.1
82.5°	2.1	4.8	57.4	61.0	64.3	32.1	33.0	118.8	134.8	*123.8*	30.4
85°	0.0	0.0	26.2	21.1	22.3	9.2	9.5	27.7	18.2	*19.6*	6.0
87.5°	0.0	0.0	0.0	0.6	0.0	0.9	1.8	2.4	0.9	*1.2*	2.1
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°	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7	552.7
2.5°	560.1	539.3	497.0	455.7	422.0	390.8	368.5	347.3	336.6	336.0	335.4
5°	577.1	533.4	448.8	374.1	314.0	265.8	234.5	212.2	200.9	197.0	196.4
7.5°	600.9	535.1	406.6	302.7	231.9	190.5	172.6	165.5	163.1	160.4	159.8
10°	631.0	539.3	368.8	243.8	182.7	161.9	154.8	151.8	150.0	148.2	147.6
12.5°	664.6	543.2	331.3	202.4	160.7	150.0	144.9	141.4	139.0	136.9	136.3
15°	697.4	545.6	292.3	173.5	149.4	140.8	135.4	131.6	128.3	125.9	125.6
17.5°	729.8	548.8	255.7	156.3	140.2	131.6	126.2	121.4	118.8	116.1	115.8
20°	765.8	548.2	221.1	144.1	131.0	122.3	116.7	112.2	109.5	106.6	106.3
22.5°	799.1	545.3	190.8	133.6	121.4	113.1	106.9	102.4	99.7	97.3	97.0
25°	837.5	542.9	165.5	124.1	112.5	104.2	97.3	93.2	90.2	88.1	87.8
27.5°	874.4	539.3	147.0	115.5	103.9	95.8	89.3	84.5	81.8	80.4	80.4
30°	910.8	538.4	140.2	107.1	96.1	88.1	81.6	77.1	75.0	74.4	74.1
32.5°	954.5	540.8	143.2	104.2	89.0	81.0	74.7	71.4	69.3	69.3	69.3
35°	1001.2	540.2	147.6	106.9	84.2	73.8	69.1	67.0	64.9	64.9	64.9
37.5°	1059.9	541.1	151.2	111.3	82.4	67.9	65.2	62.5	61.3	61.3	61.3
40°	1147.4	570.6	149.4	115.2	81.8	63.7	58.3	57.4	56.6	56.6	56.6
42.5°	1254.5	634.6	151.8	115.5	81.6	60.7	53.6	55.4	53.3	53.0	52.7
45°	1371.8	704.5	167.0	109.2	81.3	59.2	51.2	53.3	50.0	50.0	50.0
47.5°	1488.2	773.8	182.4	100.3	80.4	58.9	49.1	47.9	47.0	47.3	47.3
50°	1648.6	830.4	188.4	88.1	78.3	58.3	45.2	45.5	44.9	45.5	45.5
52.5°	1823.3	842.3	181.3	74.4	72.3	56.6	42.6	43.8	43.5	44.0	44.0
55°	1932.2	829.5	149.7	61.9	63.1	49.4	39.9	42.3	42.3	42.3	42.3
57.5°	2044.7	775.0	106.3	50.3	52.4	40.5	37.5	40.8	40.5	40.2	40.2
60°	2125.7	686.9	69.9	41.4	41.7	33.3	34.8	38.4	38.1	36.6	36.6
62.5°	2186.1	589.6	44.9	35.1	31.8	30.1	31.8	34.8	33.6	30.4	29.8
65°	2179.3	454.8	34.5	30.1	26.2	26.2	27.7	30.4	26.8	21.4	20.8
67.5°	*2052.2*	*307.8*	*28.6*	*25.3*	*22.0*	*21.7*	*22.9*	*25.3*	*22.9*	*18.2*	*17.6*
70°	1825.1	201.2	22.9	19.6	17.6	16.1	18.5	21.7	19.3	14.6	14.0
72.5°	1481.3	122.6	17.3	14.3	12.8	10.4	14.6	17.9	15.5	10.7	10.1
75°	958.4	62.5	11.9	9.2	6.8	6.3	10.7	13.4	10.7	6.5	5.7
77.5°	366.7	26.2	6.5	4.2	3.6	3.0	6.0	8.0	4.5	1.5	1.2
80°	70.5	11.0	3.3	2.1	1.8	1.2	0.9	0.6	0.0	0.0	0.0
82.5°	12.2	3.6	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	0.0	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)