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: P1197350

Luminaire Tested: GPC-SB1A-735-U-T2-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197350
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-T2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3293 lumens
Efficiency:	N/A
Efficacy:	106.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - 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

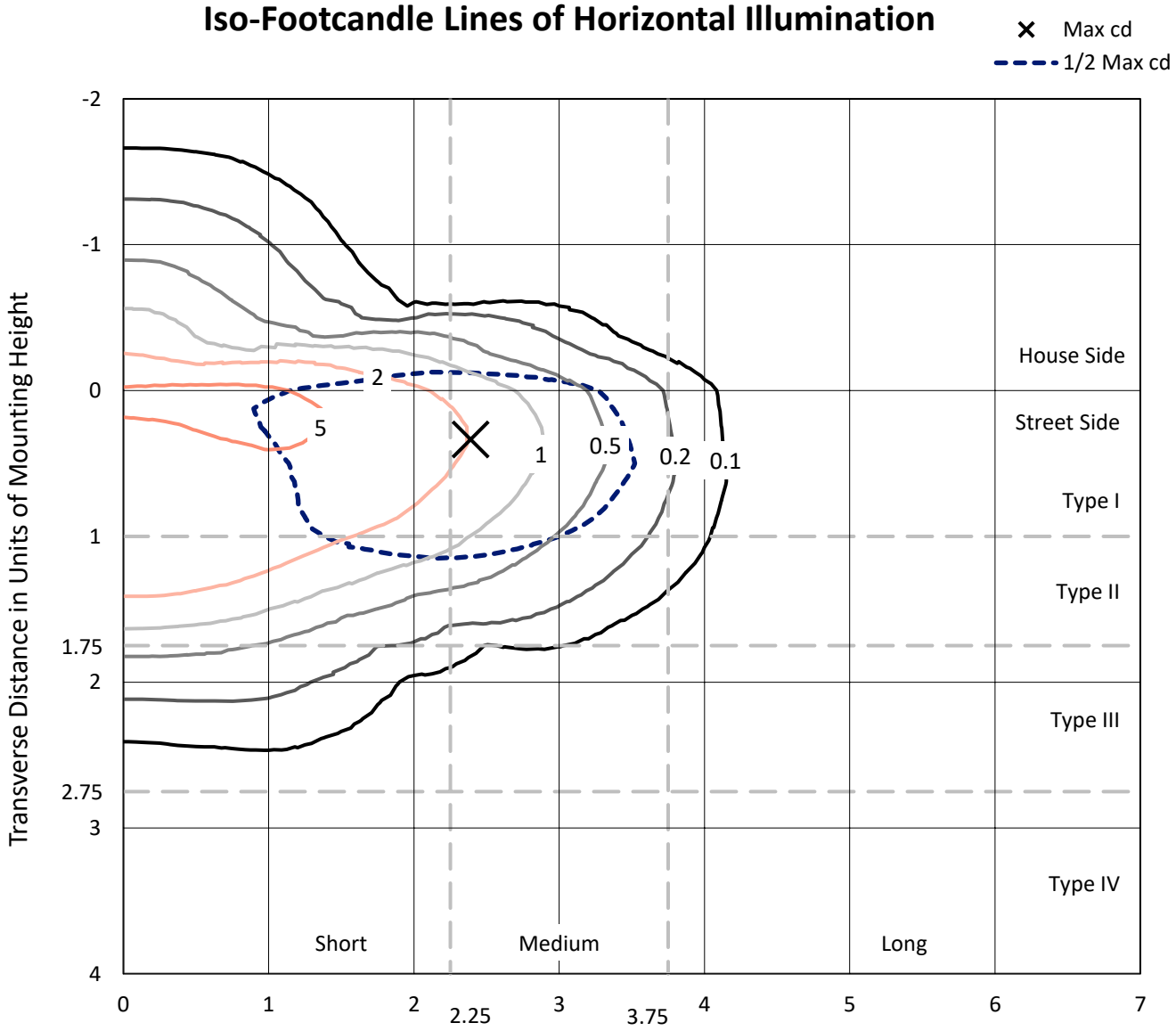


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Iso-Footcandle Lines of Horizontal Illumination



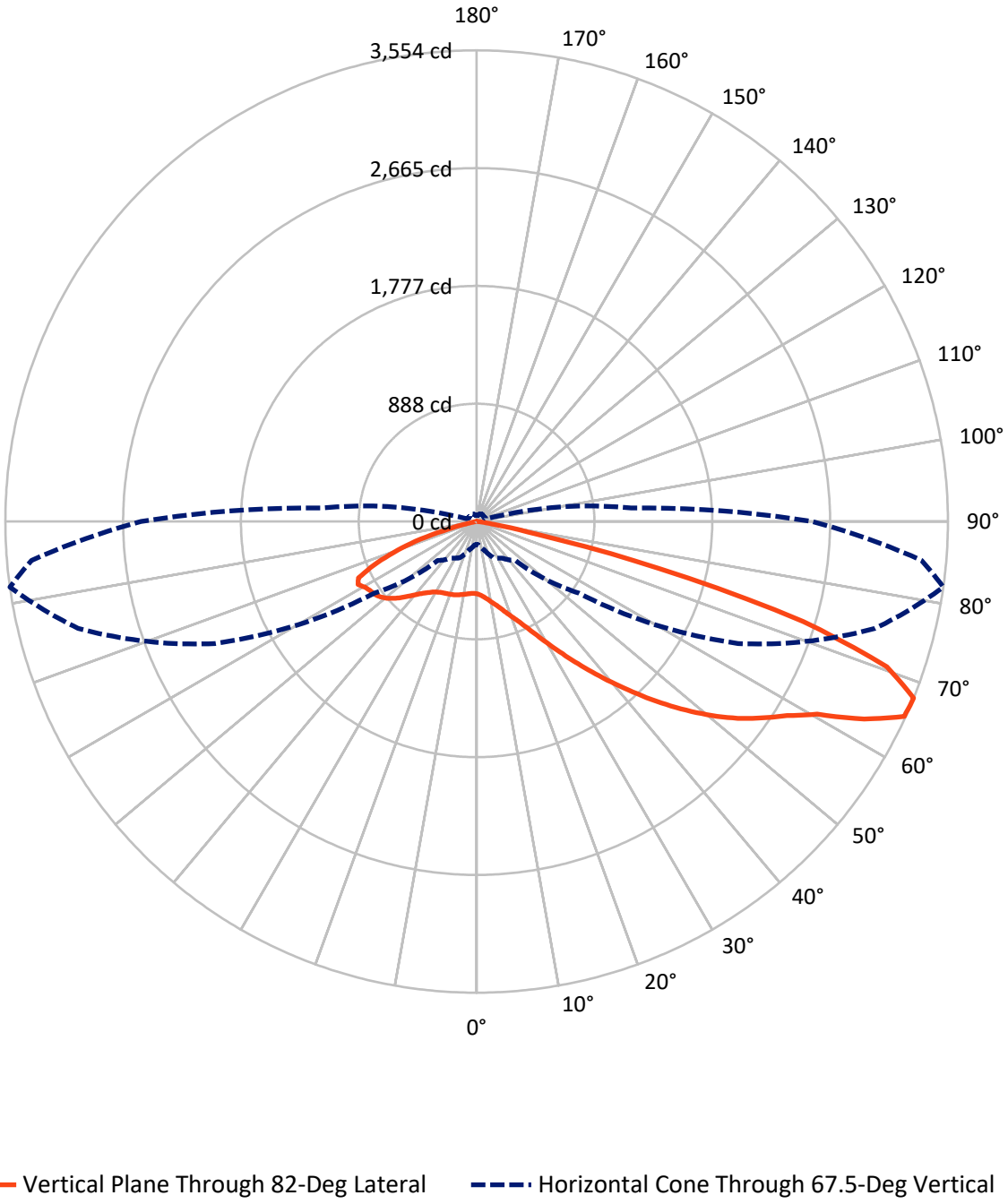
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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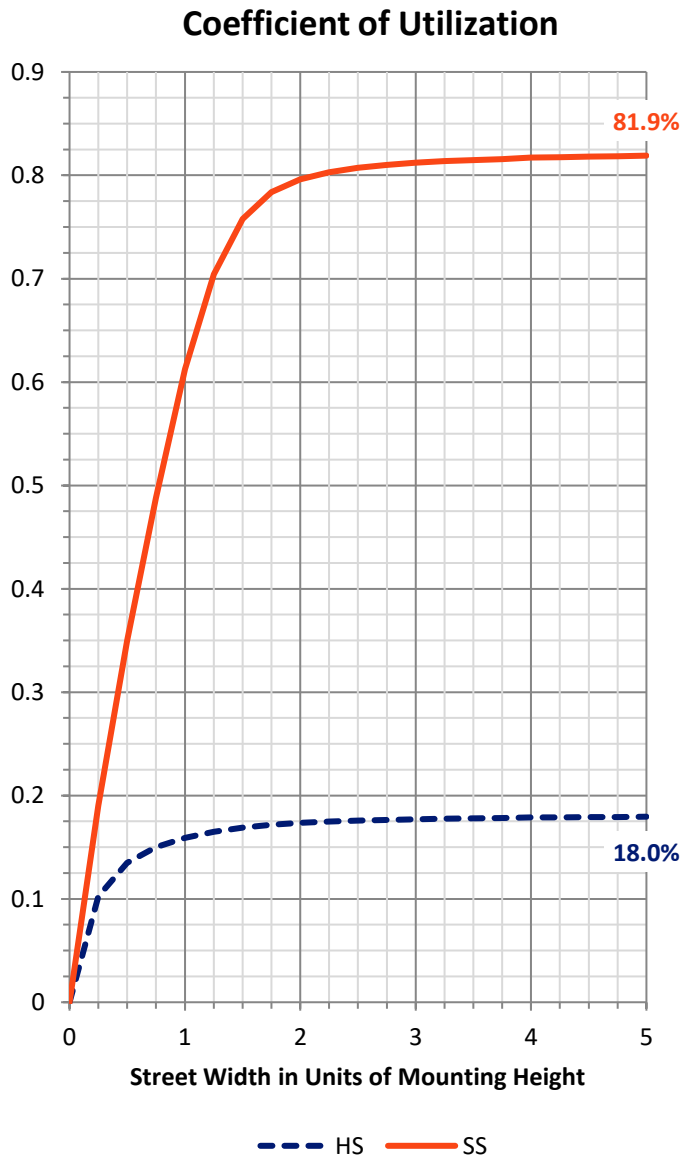
REPORT NUMBER: P1197350
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	596.5	0.0	596.5
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	2696.5	0.0	2696.5
	% Fixture	81.9	0.0	81.9
Total	Lumens	3293.0	0.0	3293.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.6	1.5
10°-20°	126.3	3.8
20°-30°	202.3	6.1
30°-40°	357.7	10.9
40°-50°	626.8	19.0
50°-60°	835.9	25.4
60°-70°	778.2	23.6
70°-80°	298.7	9.1
80°-90°	18.5	0.6
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°	3293.0	100.0
0°-180°	3293.0	100.0



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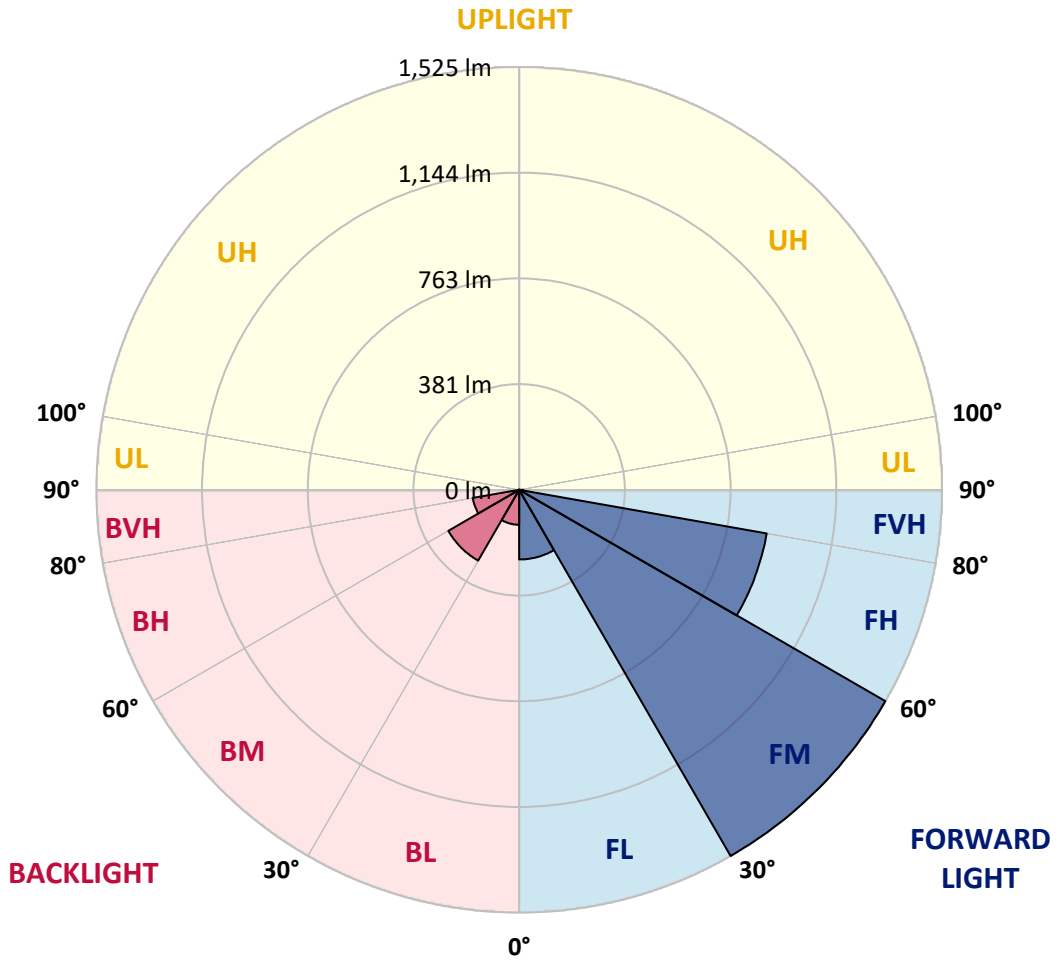
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	251.2	7.6			
FM	(30°-60°)	1525.2	46.3			
FH	(60°-80°)	906.6	27.5			G1/1800
FVH	(80°-90°)	13.5	0.4			G1/100
BL	(0°-30°)	126.0	3.8	B1/500		
BM	(30°-60°)	295.2	9.0	B1/1000		
BH	(60°-80°)	170.3	5.2	B1/500		G1/500
BVH	(80°-90°)	5.1	0.2			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	*545.5*	545.5
2.5°	576.6	579.9	578.0	577.1	575.4	573.0	571.1	565.2	559.1	*555.0*	553.6
5°	588.2	591.5	591.3	592.2	593.4	594.1	593.7	587.0	578.3	*571.4*	567.4
7.5°	578.3	582.1	585.1	589.9	598.2	606.9	611.2	609.8	600.8	*591.3*	586.3
10°	550.0	554.1	561.4	572.6	590.1	609.1	625.0	632.3	626.6	*616.2*	609.3
12.5°	498.4	502.4	516.9	541.0	570.4	603.4	633.7	653.4	654.8	*644.4*	636.3
15°	440.3	444.3	459.7	490.1	534.9	587.7	638.5	675.7	688.3	*679.3*	669.5
17.5°	404.2	407.8	419.4	443.8	490.5	556.4	636.8	699.4	728.1	*721.0*	709.4
20°	393.3	396.4	401.9	418.9	457.8	524.0	625.9	721.7	771.0	*767.0*	753.9
22.5°	404.9	407.8	409.5	417.0	441.5	502.6	612.2	744.5	820.8	*821.3*	805.4
25°	431.7	434.6	432.7	437.4	448.1	496.0	606.9	771.2	883.4	*888.6*	870.6
27.5°	475.8	476.1	471.6	471.3	473.0	505.9	612.4	799.9	962.3	*972.1*	949.8
30°	564.3	560.7	543.4	524.7	516.1	535.8	627.6	833.8	1055.5	*1072.8*	1044.8
32.5°	700.6	695.4	663.6	618.8	573.8	583.9	654.8	872.5	1157.0	*1188.3*	1154.1
35°	848.5	847.1	813.9	747.3	668.6	652.5	699.2	923.2	1267.7	*1317.5*	1277.0
37.5°	986.0	985.3	966.4	887.9	792.1	748.0	770.3	989.6	1386.3	*1458.3*	1410.4
40°	1111.7	1113.8	1094.9	1024.7	928.2	870.6	867.0	1071.6	1518.1	*1611.7*	1554.8
42.5°	1220.3	1222.7	1203.5	1151.5	1062.6	1006.2	985.8	1172.2	1646.8	*1776.5*	1709.2
45°	1294.0	1308.7	1305.9	1264.4	1200.6	1142.1	1128.5	1298.3	1793.6	*1951.2*	1872.3
47.5°	1314.9	1328.4	1349.7	1355.4	1316.5	1258.9	1275.1	1450.3	1942.0	*2126.2*	2036.3
50°	1263.4	1276.0	1320.3	1379.4	1406.4	1388.6	1417.5	1613.1	2094.0	*2300.7*	2197.3
52.5°	1162.0	1174.8	1230.7	1324.1	1434.4	1490.3	1560.5	1773.7	2241.2	*2465.9*	2349.8
55°	1015.2	1028.7	1100.6	1206.3	1381.0	1532.3	1679.8	1933.9	2376.1	*2614.6*	2487.3
57.5°	815.6	825.5	900.2	1048.2	1246.8	1490.6	1767.7	2108.9	2503.2	*2760.6*	2623.6
60°	531.6	540.3	627.1	792.1	1024.5	1351.2	1785.3	2304.0	2672.0	*2950.6*	2807.4
62.5°	353.5	359.4	410.9	532.0	721.5	1083.5	1682.6	2459.8	2919.5	*3281.1*	3122.4
65°	242.5	248.5	299.9	384.3	466.1	716.7	1387.4	2439.2	3143.8	*3543.5*	3356.0
67.5°	*173.1*	*178.1*	*221.7*	*301.3*	*337.4*	*416.3*	*940.5*	*2175.5*	*3111.5*	*3553.5*	*3368.5*
70°	124.0	126.8	162.9	234.7	268.1	250.1	523.0	1663.9	2724.4	*3281.3*	3112.0
72.5°	86.8	87.7	113.1	178.8	216.0	182.6	248.9	1109.3	2060.5	*2575.5*	2412.6
75°	58.8	60.0	76.1	131.1	173.3	139.4	131.8	594.9	1209.6	*1425.6*	1277.9
77.5°	36.0	36.5	49.1	89.6	129.7	106.2	84.9	252.0	468.0	*459.5*	391.7
80°	20.4	20.4	31.3	55.7	88.4	68.5	59.5	107.2	148.2	*130.2*	114.8
82.5°	11.4	11.6	22.8	34.6	58.6	40.5	32.7	49.6	64.0	*56.7*	49.3
85°	4.7	5.2	14.0	16.4	28.0	20.2	13.3	20.9	23.7	*21.1*	15.4
87.5°	0.5	0.7	4.3	3.1	3.3	4.0	1.9	4.0	3.3	*3.3*	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°	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5	545.5
2.5°	549.1	545.5	536.5	526.1	512.3	505.7	496.7	490.5	485.3	485.8	481.1
5°	559.8	550.8	530.6	505.5	474.2	451.9	428.2	411.8	398.5	395.7	389.3
7.5°	574.5	560.2	524.9	479.6	426.8	386.7	350.9	327.9	311.5	306.3	301.1
10°	593.4	572.8	517.6	447.1	371.0	320.1	281.7	263.6	252.5	248.7	245.9
12.5°	615.5	587.3	507.8	407.6	313.7	264.6	240.2	231.2	227.6	226.4	225.7
15°	643.2	605.3	493.1	360.6	265.1	230.7	220.3	219.1	219.5	219.1	218.8
17.5°	676.2	625.0	469.2	312.2	232.3	213.4	209.6	210.5	211.7	211.5	211.0
20°	712.2	644.4	438.6	269.3	210.1	201.1	198.9	199.9	200.8	200.3	200.1
22.5°	753.2	665.3	404.7	235.9	195.1	189.7	187.3	187.5	187.5	186.6	186.1
25°	802.3	688.3	369.1	212.2	183.7	179.5	176.6	175.7	174.3	171.4	170.9
27.5°	860.9	712.7	335.0	195.6	174.7	170.7	167.4	165.0	161.5	156.7	156.2
30°	926.8	742.3	306.1	185.2	167.6	163.6	159.8	156.2	151.0	145.1	144.6
32.5°	1004.3	774.1	285.0	178.3	161.2	157.0	152.4	148.2	142.5	136.6	136.8
35°	1096.8	812.5	272.7	173.5	156.2	150.6	145.6	140.8	136.6	131.3	130.9
37.5°	1197.1	853.3	268.9	171.2	152.9	144.1	138.5	135.1	134.7	131.6	131.3
40°	1306.8	901.6	271.7	169.8	149.4	138.0	131.8	131.1	132.3	126.8	127.1
42.5°	1423.0	959.0	276.4	168.1	144.4	131.8	125.9	125.9	124.9	117.4	117.4
45°	1548.7	1025.2	281.2	164.1	138.5	125.7	121.2	119.5	115.5	108.1	107.9
47.5°	1675.3	1092.5	284.7	156.7	131.3	120.4	116.4	112.6	106.7	100.1	99.8
50°	1795.5	1153.0	280.9	145.8	123.3	115.5	111.2	106.0	99.6	95.1	94.4
52.5°	1902.9	1205.4	264.8	133.0	114.8	110.2	106.5	101.0	95.8	91.0	90.6
55°	1996.3	1247.8	236.4	120.9	107.2	105.7	101.9	95.1	88.0	83.9	83.5
57.5°	2085.9	1280.0	200.8	111.0	100.3	100.8	95.1	88.9	82.3	78.0	77.5
60°	2205.2	1323.2	164.8	101.7	92.9	94.4	88.2	83.7	75.4	69.9	69.2
62.5°	2395.8	1390.3	130.9	90.3	84.4	84.9	82.3	76.8	66.9	60.5	60.0
65°	2547.0	1365.6	103.1	78.0	74.7	75.4	75.4	69.5	58.8	51.4	50.7
67.5°	*2530.0*	*1169.3*	*82.3*	*65.9*	*65.4*	*65.9*	*67.6*	*62.6*	*52.2*	*46.2*	*45.3*
70°	2330.6	930.1	65.9	54.8	56.9	55.7	60.5	57.1	46.9	41.0	40.3
72.5°	1901.7	670.0	50.3	45.3	43.6	45.5	54.5	51.4	39.1	32.5	31.8
75°	1111.2	357.5	37.5	35.8	31.5	37.9	48.4	43.9	29.9	23.9	23.2
77.5°	361.8	124.7	27.5	26.3	23.5	30.6	41.3	37.0	24.4	19.0	18.3
80°	97.0	37.7	18.7	17.3	15.2	22.8	32.7	29.4	17.5	12.3	12.1
82.5°	38.9	15.9	10.9	9.7	8.3	15.6	25.8	23.7	13.0	7.8	7.8
85°	12.6	5.2	4.0	3.1	3.8	9.7	15.4	16.1	9.2	4.0	3.1
87.5°	1.7	0.7	0.7	0.9	0.7	1.7	4.7	4.5	2.6	0.5	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)