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: P1197351

Luminaire Tested: GPC-SB1A-735-U-T2R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197351
	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-SB1A-735-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA 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:	3818 lumens
Efficiency:	N/A
Efficacy:	123.6 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):	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

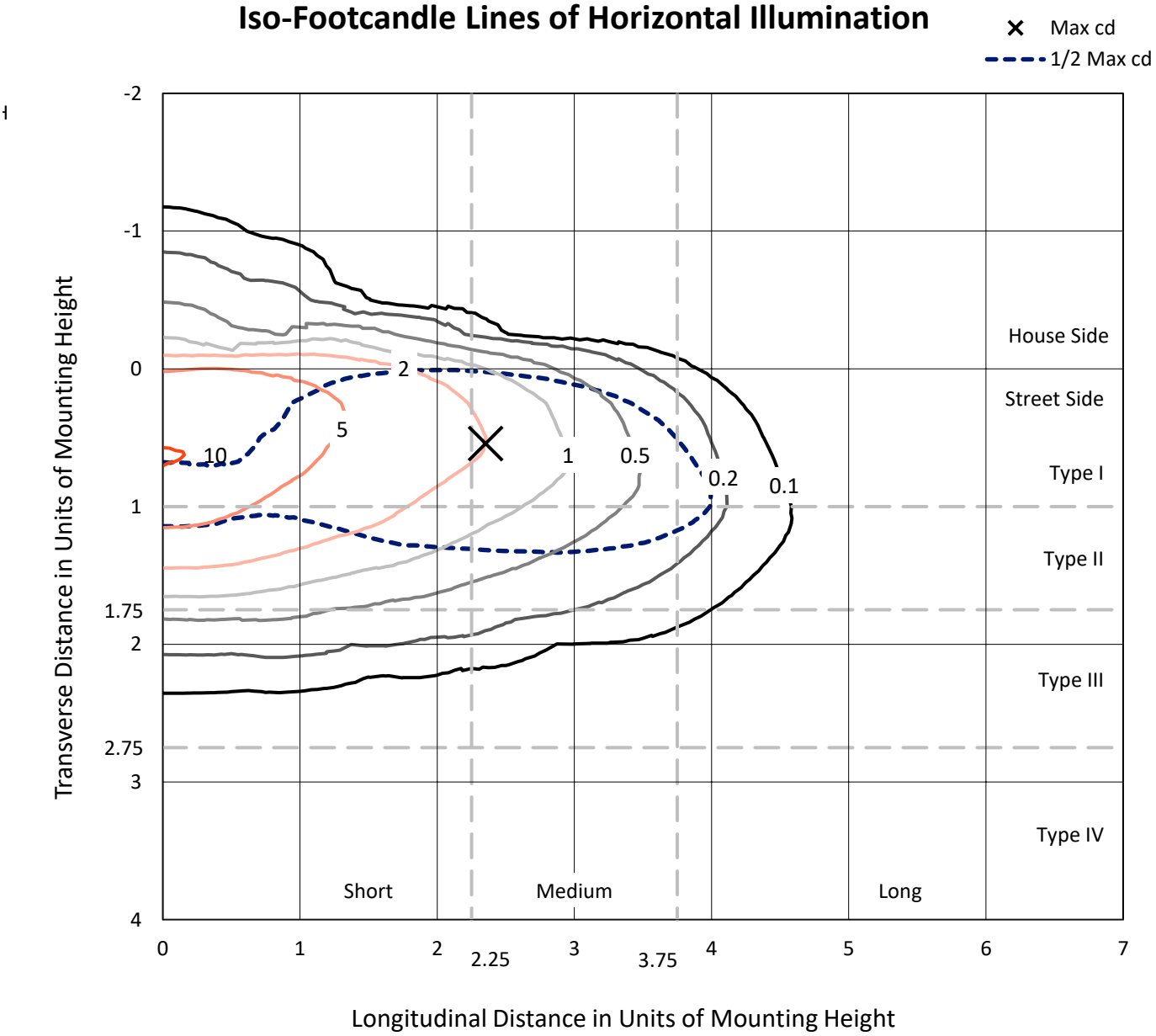


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Iso-Footcandle Lines of Horizontal Illumination



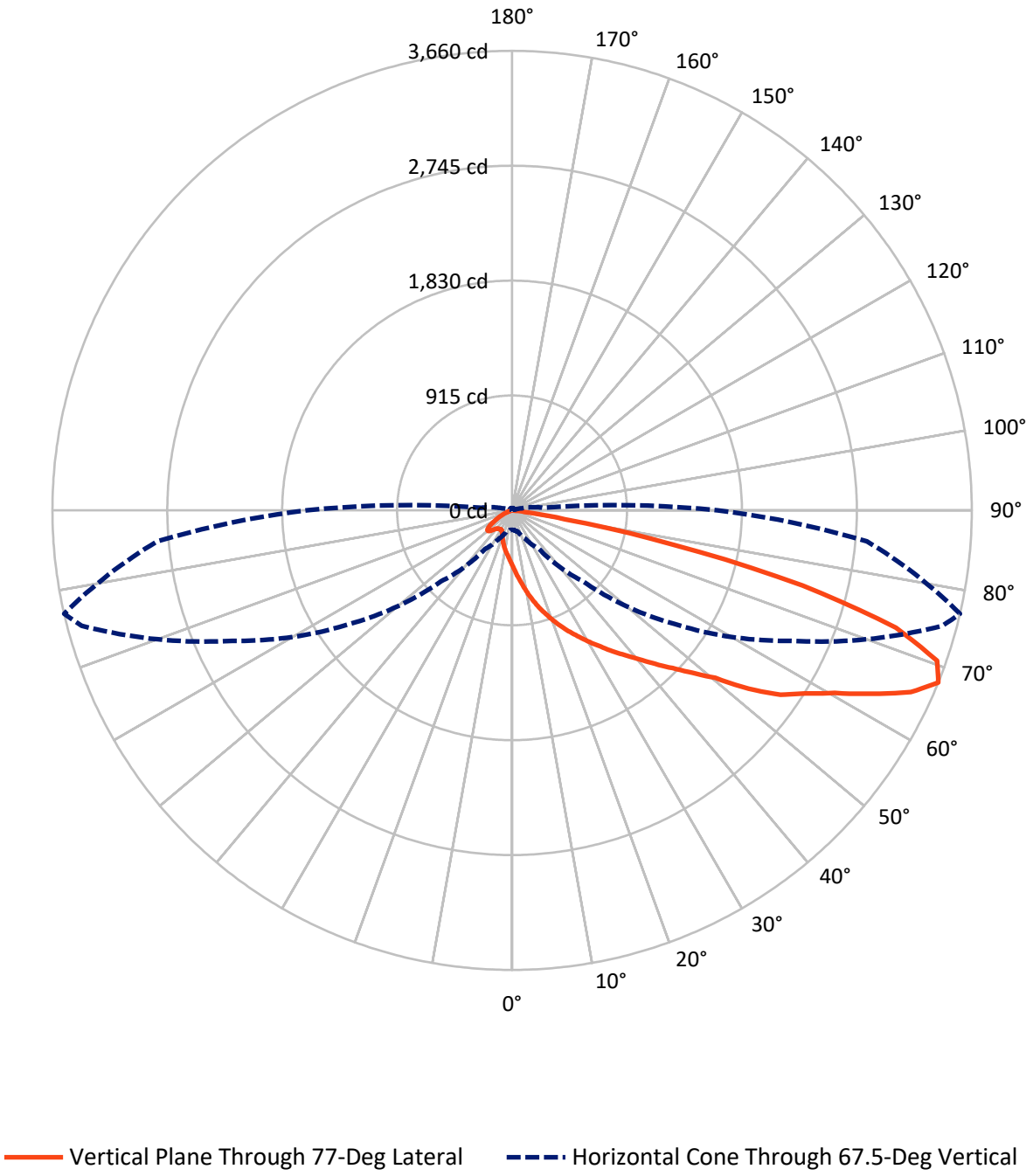
Based on 10 foot mounting height. Maximum calculated value = 10.3 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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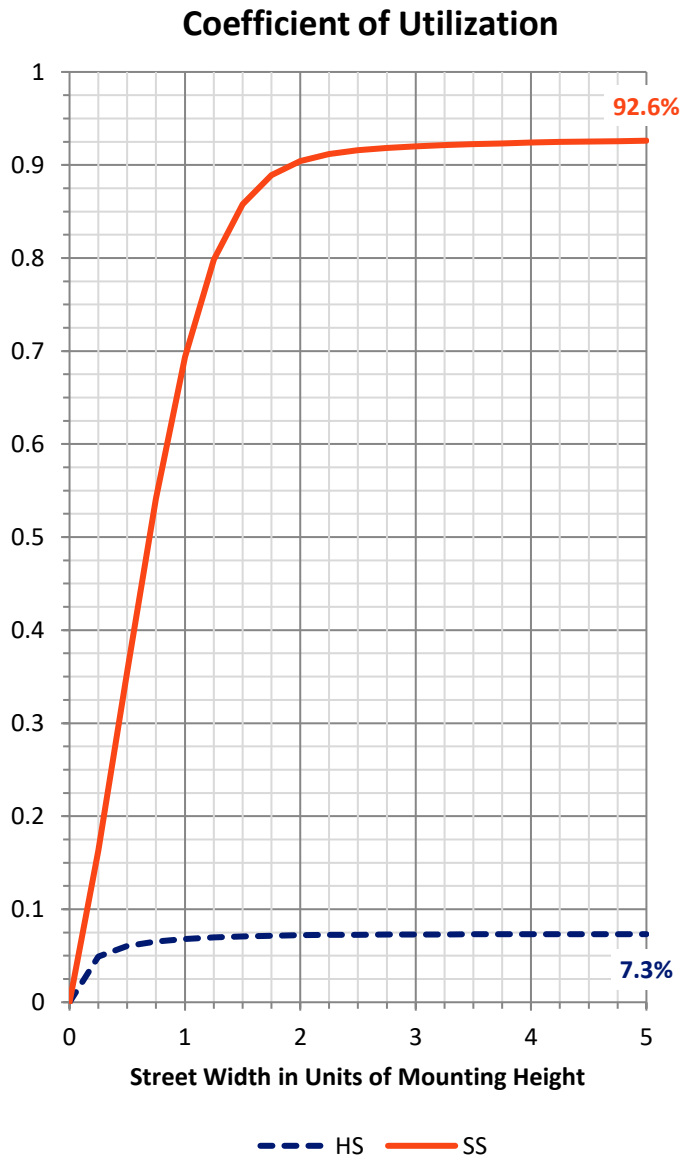
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	280.9	0.0	280.9
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	3537.1	0.0	3537.1
	% Fixture	92.6	0.0	92.6
Total	Lumens	3818.0	0.0	3818.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	1.2
10°-20°	157.4	4.1
20°-30°	303.7	8.0
30°-40°	527.2	13.8
40°-50°	765.4	20.0
50°-60°	879.0	23.0
60°-70°	763.2	20.0
70°-80°	359.5	9.4
80°-90°	17.8	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°	3818.0	100.0
0°-180°	3818.0	100.0



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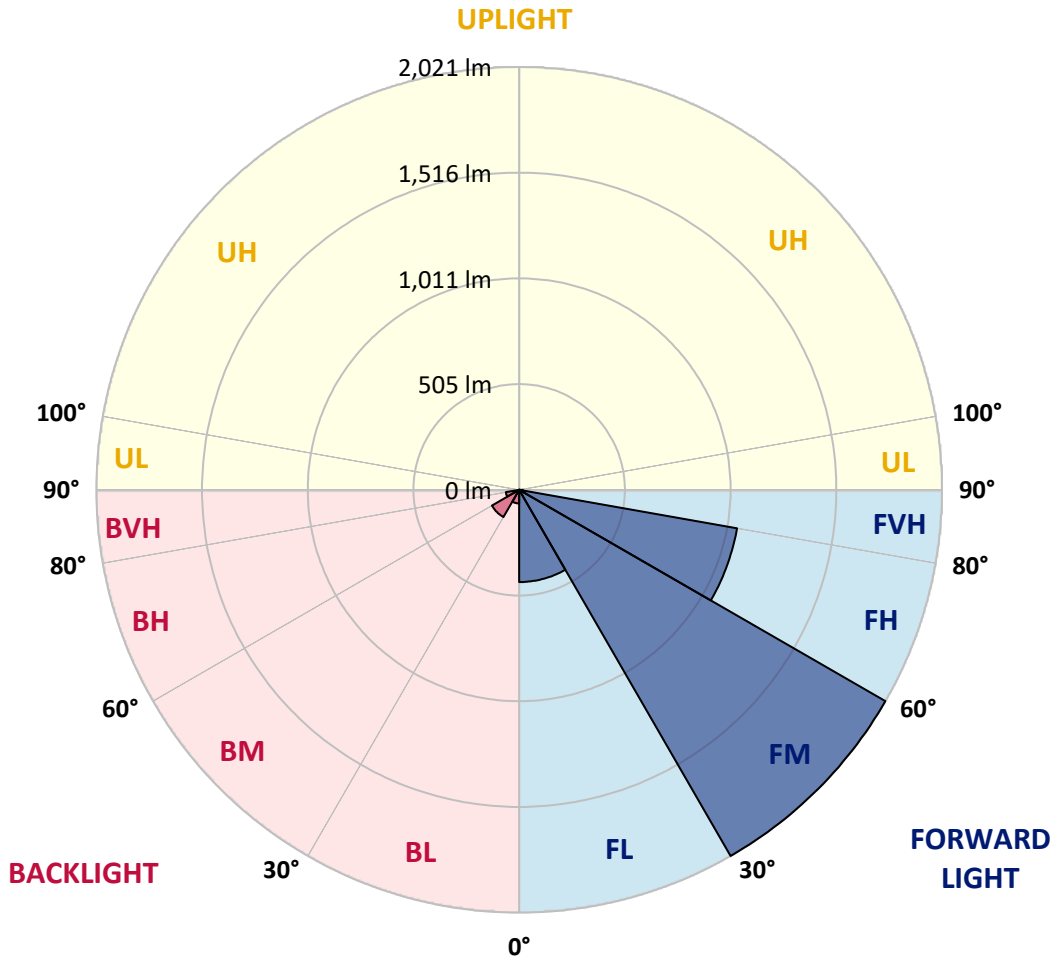
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	440.9	11.5			
FM	(30°-60°)	2021.1	52.9			
FH	(60°-80°)	1057.6	27.7			G1/1800
FVH	(80°-90°)	17.4	0.5			G1/100
BL	(0°-30°)	65.0	1.7	B0/110		
BM	(30°-60°)	150.5	3.9	B0/220		
BH	(60°-80°)	65.0	1.7	B0/110		G0/110
BVH	(80°-90°)	0.3	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°	440.3	440.3	440.3	440.3	440.3	440.3	440.3	440.3	440.3	*440.3*	440.3
2.5°	609.6	613.3	607.9	597.5	581.8	571.6	546.7	523.3	497.2	*488.9*	462.8
5°	743.0	746.4	740.2	728.8	707.9	688.0	655.3	606.2	555.3	*538.9*	492.7
7.5°	841.9	843.8	841.4	831.0	811.1	788.6	752.0	694.0	618.3	*600.3*	529.4
10°	913.0	919.2	918.5	914.4	901.2	882.9	844.0	777.9	689.0	*665.7*	570.9
12.5°	960.2	967.1	971.1	980.1	979.4	967.8	933.7	863.7	759.4	*732.1*	617.6
15°	974.0	981.3	996.7	1017.6	1036.1	1042.0	1018.1	947.9	836.9	*802.1*	665.5
17.5°	966.1	977.5	996.0	1029.0	1069.5	1096.3	1093.7	1029.2	907.3	*867.5*	712.4
20°	983.4	994.3	1008.8	1036.5	1083.7	1132.3	1151.8	1107.0	977.3	*935.5*	761.8
22.5°	1079.2	1077.3	1078.7	1083.3	1111.5	1159.6	1199.7	1177.6	1046.5	*1003.8*	813.9
25°	1231.0	1222.4	1208.0	1183.5	1176.4	1199.7	1241.4	1240.2	1119.5	*1073.8*	867.3
27.5°	1405.0	1403.6	1369.7	1310.9	1277.7	1268.7	1288.6	1301.1	1191.8	*1143.0*	920.8
30°	1571.7	1575.4	1529.7	1464.3	1403.3	1368.0	1350.0	1359.0	1265.3	*1217.7*	976.1
32.5°	1716.8	1720.8	1671.0	1594.4	1519.0	1476.3	1438.4	1416.1	1345.5	*1293.5*	1036.8
35°	1839.3	1843.4	1786.2	1701.6	1621.2	1582.6	1539.6	1478.7	1426.1	*1377.7*	1104.4
37.5°	1948.9	1947.7	1871.1	1785.7	1706.8	1676.2	1653.7	1555.8	1509.1	*1462.4*	1179.3
40°	2013.6	2018.6	1953.1	1859.0	1782.4	1760.1	1758.7	1651.3	1604.8	*1559.6*	1261.3
42.5°	2032.6	2041.3	1993.9	1916.6	1847.1	1823.0	1860.2	1754.7	1716.3	*1672.2*	1354.0
45°	1998.4	2006.9	1985.4	1931.8	1891.2	1875.6	1947.4	1861.8	1835.3	*1791.7*	1458.6
47.5°	1898.8	1909.5	1914.7	1903.3	1902.9	1918.7	2025.7	1974.7	1976.6	*1932.0*	1579.7
50°	1706.1	1724.1	1772.0	1812.3	1874.7	1952.9	2101.8	2097.0	2135.9	*2097.5*	1737.6
52.5°	1355.7	1381.3	1546.3	1656.5	1796.6	1946.5	2185.5	2293.3	2415.4	*2359.3*	1960.2
55°	1089.4	1089.4	1223.6	1429.9	1644.4	1904.3	2222.0	2420.9	2605.8	*2592.6*	2117.0
57.5°	888.1	898.8	984.4	1166.7	1424.2	1803.8	2244.5	2501.0	2759.2	*2749.5*	2270.1
60°	548.1	571.1	732.8	912.8	1173.6	1624.8	2230.3	2582.1	2945.3	*2953.2*	2454.6
62.5°	308.7	317.2	389.3	656.7	912.5	1384.1	2121.5	2627.4	3183.4	*3216.6*	2644.7
65°	213.1	217.4	245.1	408.7	632.5	1102.0	1908.8	2599.2	3421.9	*3489.0*	2805.9
67.5°	*154.8*	*157.0*	*174.3*	*249.7*	*375.3*	*799.0*	*1575.4*	*2456.9*	*3548.3*	*3660.4*	*2836.8*
70°	119.0	120.4	133.0	164.1	221.7	493.1	1144.2	2174.1	3456.7	*3590.7*	2678.9
72.5°	96.7	98.2	107.9	121.4	147.0	291.6	693.5	1765.6	3052.7	*3197.4*	2280.5
75°	81.6	83.5	92.2	101.0	115.2	187.3	325.3	1229.5	2295.7	*2390.6*	1585.9
77.5°	45.3	41.7	74.9	83.7	97.2	118.5	152.2	723.6	1285.7	*1312.0*	703.7
80°	28.2	29.2	59.5	67.3	74.7	59.7	69.7	278.6	445.7	*423.4*	136.3
82.5°	1.7	3.8	45.8	48.6	51.2	25.6	26.3	94.6	107.4	*98.6*	24.2
85°	0.0	0.0	20.9	16.8	17.8	7.3	7.6	22.0	14.5	*15.6*	4.7
87.5°	0.0	0.0	0.0	0.5	0.0	0.7	1.4	1.9	0.7	*0.9*	1.7
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°	440.3	440.3	440.3	440.3	440.3	440.3	440.3	440.3	440.3	440.3	440.3
2.5°	446.2	429.6	395.9	363.0	336.2	311.3	293.5	276.7	268.1	267.7	267.2
5°	459.7	424.9	357.5	298.0	250.1	211.7	186.8	169.0	160.0	157.0	156.5
7.5°	478.7	426.3	323.9	241.1	184.7	151.7	137.5	131.8	129.9	127.8	127.3
10°	502.6	429.6	293.8	194.2	145.6	129.0	123.3	120.9	119.5	118.1	117.6
12.5°	529.4	432.7	263.9	161.2	128.0	119.5	115.5	112.6	110.7	109.1	108.6
15°	555.5	434.6	232.8	138.2	119.0	112.1	107.9	104.8	102.2	100.3	100.1
17.5°	581.3	437.2	203.7	124.5	111.7	104.8	100.5	96.7	94.6	92.5	92.2
20°	610.0	436.7	176.2	114.8	104.3	97.4	92.9	89.4	87.2	84.9	84.6
22.5°	636.6	434.3	152.0	106.5	96.7	90.1	85.1	81.6	79.4	77.5	77.3
25°	667.2	432.4	131.8	98.9	89.6	83.0	77.5	74.2	71.8	70.2	69.9
27.5°	696.6	429.6	117.1	92.0	82.7	76.3	71.1	67.3	65.2	64.0	64.0
30°	725.5	428.9	111.7	85.4	76.6	70.2	65.0	61.4	59.7	59.3	59.0
32.5°	760.3	430.8	114.0	83.0	70.9	64.5	59.5	56.9	55.2	55.2	55.2
35°	797.6	430.3	117.6	85.1	67.1	58.8	55.0	53.3	51.7	51.7	51.7
37.5°	844.3	431.0	120.4	88.7	65.7	54.1	51.9	49.8	48.8	48.8	48.8
40°	914.0	454.5	119.0	91.8	65.2	50.7	46.5	45.8	45.0	45.0	45.0
42.5°	999.3	505.5	120.9	92.0	65.0	48.4	42.7	44.1	42.4	42.2	42.0
45°	1092.7	561.2	133.0	87.0	64.7	47.2	40.8	42.4	39.8	39.8	39.8
47.5°	1185.4	616.4	145.3	79.9	64.0	46.9	39.1	38.2	37.5	37.7	37.7
50°	1313.2	661.5	150.1	70.2	62.4	46.5	36.0	36.3	35.8	36.3	36.3
52.5°	1452.4	671.0	144.4	59.3	57.6	45.0	33.9	34.9	34.6	35.1	35.1
55°	1539.2	660.8	119.3	49.3	50.3	39.4	31.8	33.7	33.7	33.7	33.7
57.5°	1628.8	617.4	84.6	40.1	41.7	32.2	29.9	32.5	32.2	32.0	32.0
60°	1693.3	547.2	55.7	33.0	33.2	26.6	27.7	30.6	30.3	29.2	29.2
62.5°	1741.4	469.7	35.8	28.0	25.4	23.9	25.4	27.7	26.8	24.2	23.7
65°	1736.0	362.3	27.5	23.9	20.9	20.9	22.0	24.2	21.3	17.1	16.6
67.5°	*1634.7*	*245.1*	*22.8*	*20.2*	*17.5*	*17.3*	*18.3*	*20.2*	*18.3*	*14.5*	*14.0*
70°	1453.8	160.3	18.3	15.6	14.0	12.8	14.7	17.3	15.4	11.6	11.1
72.5°	1180.0	97.7	13.8	11.4	10.2	8.3	11.6	14.2	12.3	8.5	8.1
75°	763.4	49.8	9.5	7.3	5.5	5.0	8.5	10.7	8.5	5.2	4.5
77.5°	292.1	20.9	5.2	3.3	2.8	2.4	4.7	6.4	3.6	1.2	0.9
80°	56.2	8.8	2.6	1.7	1.4	0.9	0.7	0.5	0.0	0.0	0.0
82.5°	9.7	2.8	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	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)