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: P1197352

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197352
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4593 lumens
Efficiency:	N/A
Efficacy:	148.6 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

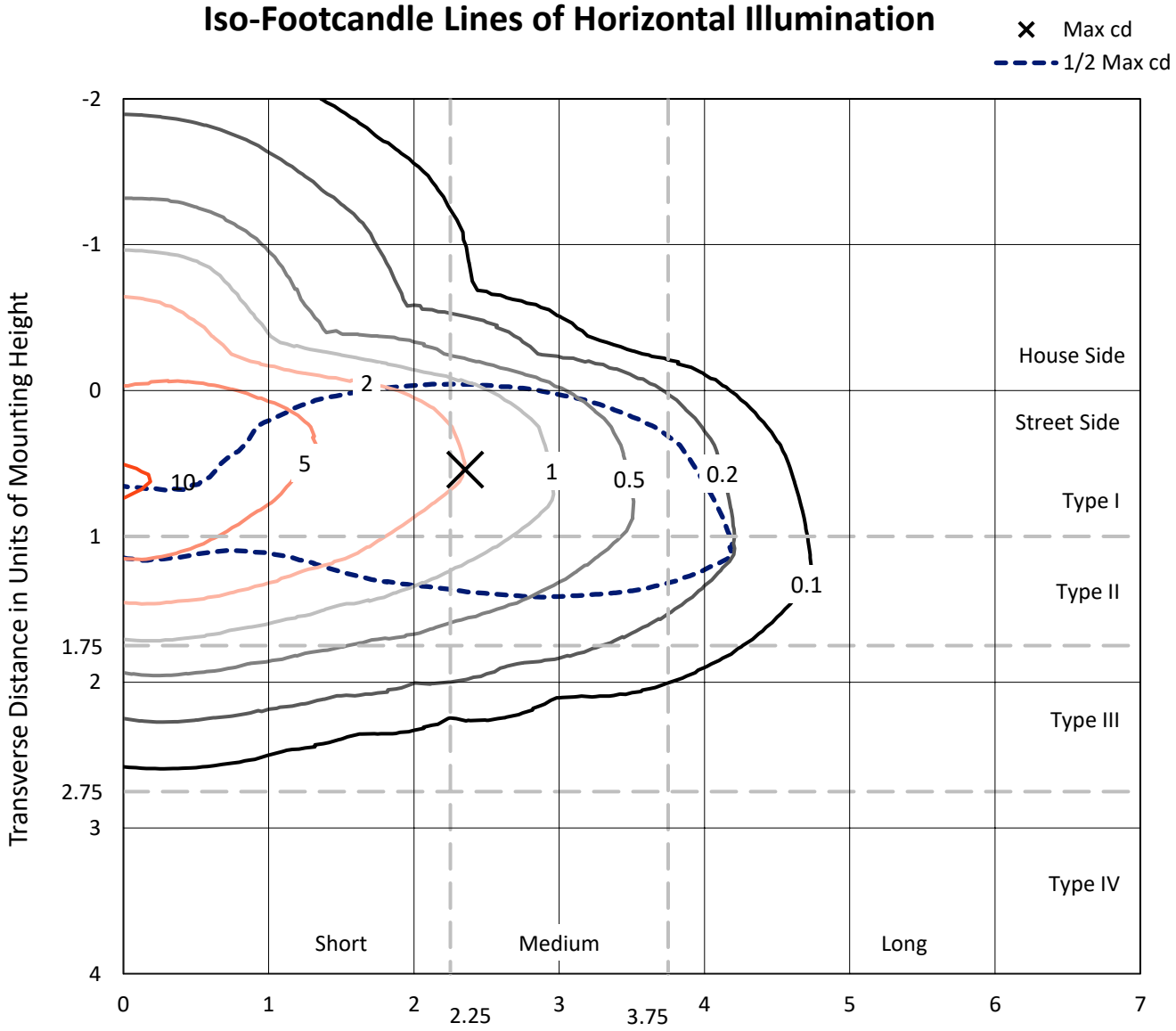


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Iso-Footcandle Lines of Horizontal Illumination



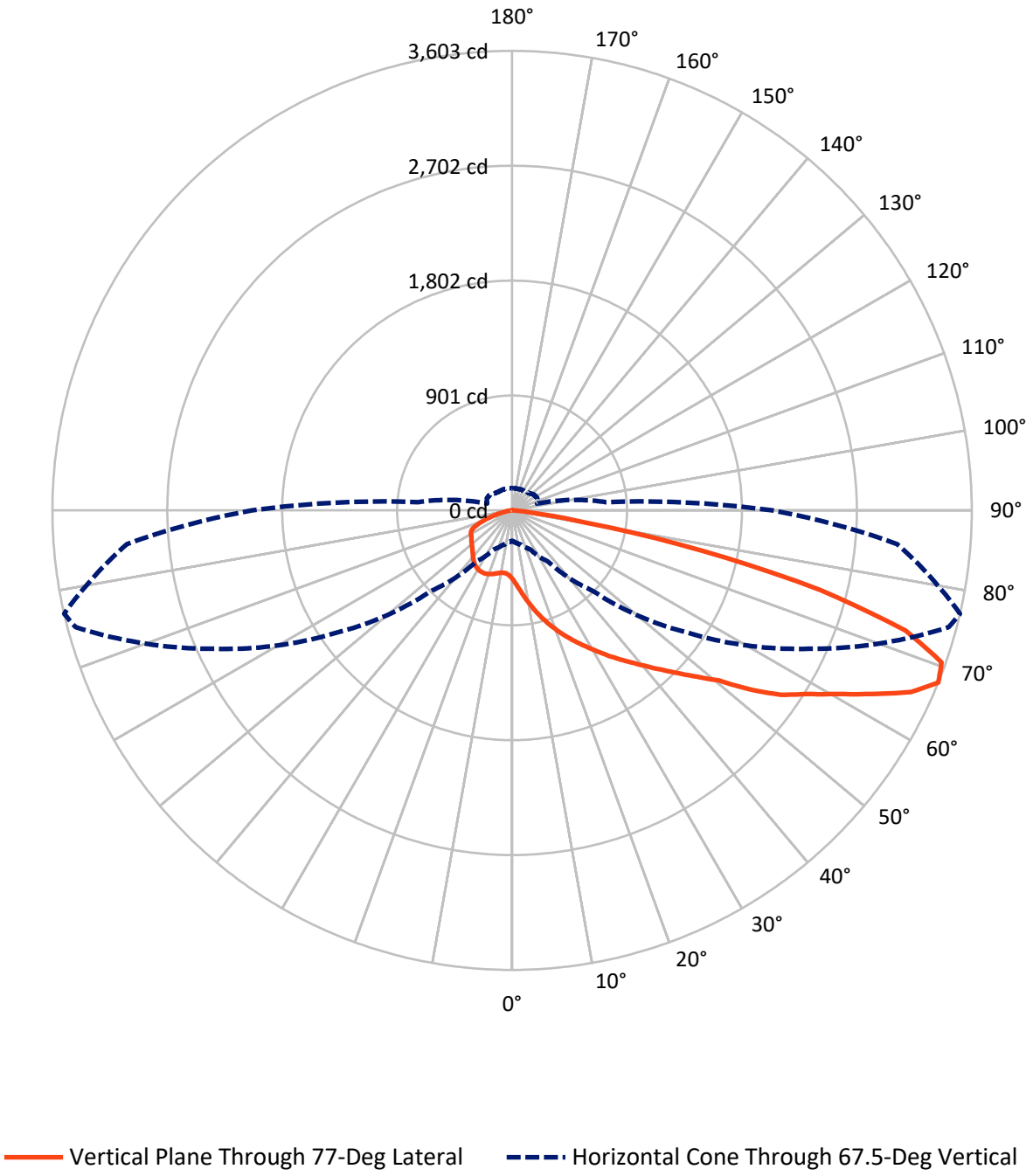
Based on 10 foot mounting height. Maximum calculated value = 10.5 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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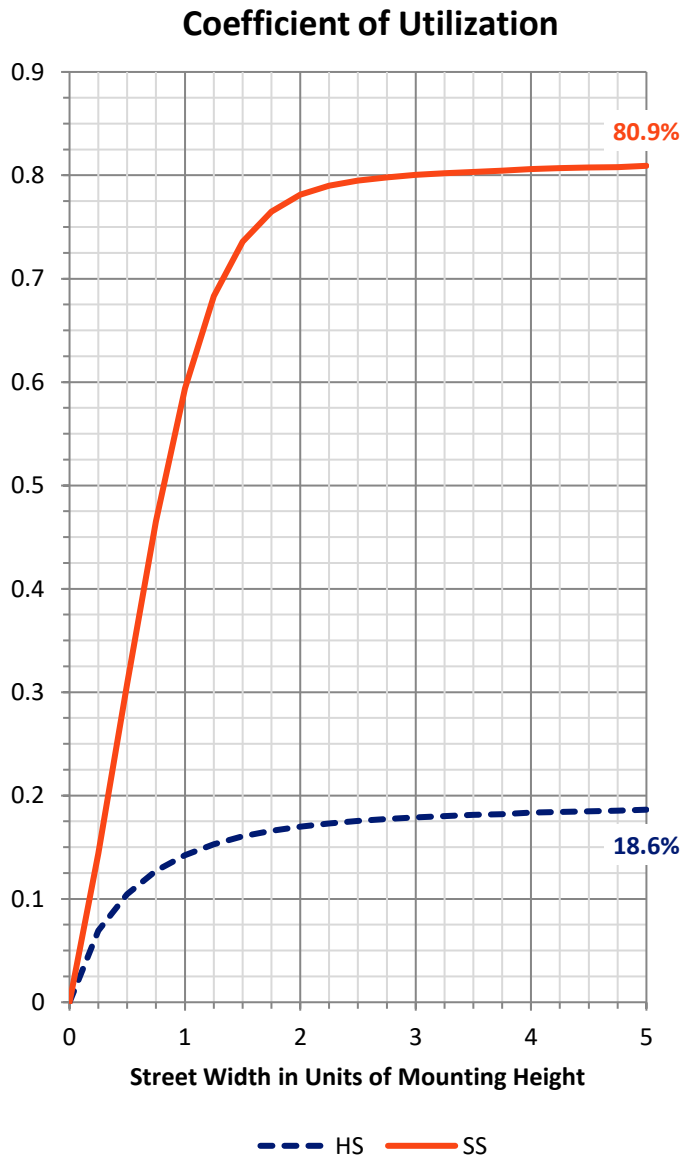
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	868.8	0.0	868.8
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	3724.2	0.0	3724.2
	% Fixture	81.1	0.0	81.1
Total	Lumens	4593.0	0.0	4593.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.8	1.3
10°-20°	207.5	4.5
20°-30°	391.8	8.5
30°-40°	631.2	13.7
40°-50°	863.4	18.8
50°-60°	973.9	21.2
60°-70°	909.0	19.8
70°-80°	498.3	10.8
80°-90°	60.1	1.3
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°	4593.0	100.0
0°-180°	4593.0	100.0



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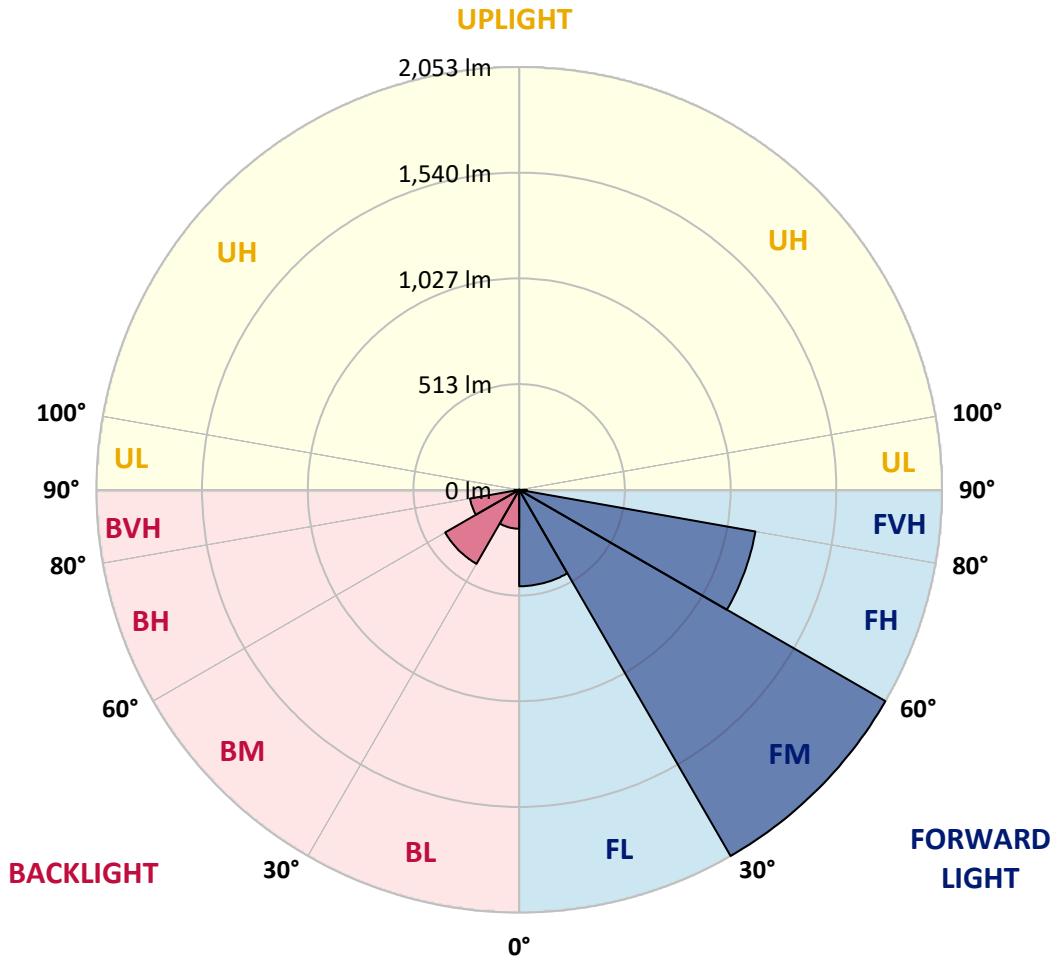
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	468.2	10.2			
FM	(30°-60°)	2053.5	44.7			
FH	(60°-80°)	1164.9	25.4			G1/1800
FVH	(80°-90°)	37.6	0.8			G1/100
BL	(0°-30°)	188.9	4.1	B1/500		
BM	(30°-60°)	415.0	9.0	B1/1000		
BH	(60°-80°)	242.4	5.3	B1/500		G1/500
BVH	(80°-90°)	22.5	0.5			G1/100
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°	77°	85°
0°	538.9	538.9	538.9	538.9	538.9	538.9	538.9	538.9	538.9	*538.9*	538.9
2.5°	674.8	679.5	673.6	673.6	653.7	643.2	623.3	608.1	580.9	*576.1*	558.1
5°	797.6	803.5	795.2	791.6	768.2	746.6	713.2	680.2	631.6	*626.6*	584.2
7.5°	892.6	900.2	892.9	889.1	868.2	844.0	804.9	758.9	690.4	*680.7*	619.3
10°	970.2	971.4	969.0	970.4	954.0	934.1	894.1	840.5	754.9	*741.6*	661.7
12.5°	1014.0	1019.5	1024.2	1032.8	1029.9	1017.6	981.5	917.5	823.2	*806.1*	707.9
15°	1034.7	1044.1	1054.8	1074.5	1090.4	1093.5	1065.9	1000.3	892.6	*872.0*	754.7
17.5°	1042.0	1051.0	1067.8	1096.3	1130.4	1153.4	1141.1	1080.6	961.4	*937.7*	803.7
20°	1079.2	1081.8	1092.0	1119.1	1156.0	1194.2	1203.5	1157.9	1029.4	*1002.6*	854.5
22.5°	1158.9	1153.7	1156.5	1168.8	1195.4	1232.4	1253.5	1226.2	1099.4	*1068.6*	905.7
25°	1290.5	1275.3	1260.1	1245.9	1259.4	1280.3	1304.2	1294.5	1172.6	*1133.5*	957.4
27.5°	1456.7	1438.2	1404.7	1358.0	1341.7	1349.0	1359.7	1357.8	1240.4	*1200.9*	1010.7
30°	1620.3	1598.7	1558.9	1491.3	1448.1	1428.7	1420.6	1415.2	1314.2	*1272.0*	1064.5
32.5°	1750.9	1733.8	1694.7	1619.1	1556.5	1523.3	1496.5	1477.1	1391.2	*1349.0*	1121.4
35°	1865.2	1849.3	1804.5	1722.0	1653.9	1618.6	1583.5	1542.0	1471.4	*1428.7*	1182.6
37.5°	1969.5	1953.6	1892.2	1806.4	1737.9	1713.4	1682.1	1611.7	1551.7	*1511.4*	1247.3
40°	2035.4	2031.8	1974.5	1877.3	1806.1	1794.0	1783.6	1692.6	1640.9	*1603.4*	1318.4
42.5°	2052.2	2060.1	2014.5	1934.6	1866.8	1857.1	1881.5	1784.1	1740.9	*1705.1*	1399.1
45°	2011.7	2034.2	2004.3	1950.1	1910.0	1904.8	1968.3	1884.1	1851.7	*1818.9*	1496.3
47.5°	1909.0	1947.2	1934.9	1927.3	1921.6	1944.1	2044.6	1990.4	1977.1	*1948.6*	1607.2
50°	1701.8	1774.1	1795.7	1843.6	1898.6	1974.7	2114.1	2106.3	2123.6	*2094.9*	1742.4
52.5°	1343.6	1443.2	1568.3	1688.3	1828.0	1964.5	2190.5	2272.7	2345.8	*2330.1*	1957.2
55°	1109.1	1153.9	1250.2	1470.2	1690.9	1921.6	2224.8	2407.2	2566.2	*2552.3*	2120.0
57.5°	928.9	969.0	1028.3	1212.0	1483.7	1824.2	2246.2	2489.2	2717.3	*2715.8*	2280.8
60°	735.7	778.1	838.8	969.0	1241.6	1655.8	2241.4	2582.6	2910.0	*2921.9*	2476.9
62.5°	517.6	564.3	631.6	753.0	994.3	1437.7	2144.7	2650.2	3136.9	*3169.2*	2712.8
65°	340.2	371.0	421.8	526.6	740.9	1157.2	1960.0	2658.9	3379.7	*3434.2*	2934.2
67.5°	*238.5*	*250.4*	*280.2*	*337.1*	*488.4*	*887.4*	*1665.8*	*2568.1*	*3541.6*	*3603.0*	*3030.2*
70°	186.1	192.0	207.2	230.0	306.8	596.8	1276.5	2332.0	3507.0	*3571.0*	2929.9
72.5°	160.7	166.4	172.1	175.0	205.8	368.4	864.7	1949.8	3181.0	*3224.4*	2547.5
75°	145.8	147.2	152.0	151.0	157.0	239.0	499.1	1420.6	2509.8	*2494.9*	1880.6
77.5°	122.6	124.5	132.3	131.1	139.4	163.4	259.1	916.8	1627.1	*1525.7*	1046.7
80°	103.8	104.8	113.3	111.9	121.2	118.3	132.3	467.3	690.2	*584.7*	301.8
82.5°	36.0	44.6	86.5	89.1	92.5	71.6	76.3	190.6	210.8	*161.5*	63.3
85°	17.5	18.7	44.1	62.6	62.4	36.0	37.2	68.0	66.4	*52.2*	21.1
87.5°	2.8	3.6	5.2	24.4	19.4	9.5	12.8	13.3	13.8	*11.9*	4.7
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°	538.9	538.9	538.9	538.9	538.9	538.9	538.9	538.9	538.9	538.9	538.9
2.5°	544.8	533.0	508.1	485.1	467.1	449.8	440.0	431.7	427.0	426.0	426.0
5°	559.5	535.1	489.8	451.7	426.8	408.3	398.5	392.4	389.3	387.4	387.2
7.5°	580.6	544.8	480.3	437.0	410.9	397.6	392.6	391.7	391.4	391.7	392.4
10°	609.8	560.7	479.4	433.4	411.6	404.2	404.0	404.2	405.2	405.4	405.7
12.5°	641.3	577.1	483.2	436.5	420.6	416.6	415.9	415.6	416.3	416.8	417.0
15°	675.7	598.6	489.6	443.1	430.6	426.3	425.6	424.2	423.9	423.7	423.4
17.5°	711.0	620.0	496.7	450.2	437.0	431.0	428.4	425.1	422.5	421.8	422.5
20°	746.8	641.1	501.7	453.8	437.4	429.1	423.9	418.2	413.7	411.1	412.1
22.5°	785.0	663.1	504.8	452.8	433.2	421.8	412.3	405.7	398.8	394.3	394.5
25°	822.2	682.3	504.5	447.9	424.9	410.4	398.3	389.8	380.3	375.5	375.5
27.5°	858.0	699.6	498.6	439.1	413.0	396.9	382.4	372.2	363.0	358.5	358.2
30°	895.0	714.1	489.4	426.3	399.0	381.2	365.4	356.6	348.3	344.0	343.8
32.5°	931.8	727.4	476.3	410.4	382.9	365.8	350.2	342.1	337.1	337.1	337.4
35°	970.6	736.6	459.0	391.9	365.8	349.5	337.1	332.4	331.9	329.1	328.4
37.5°	1011.7	742.6	437.9	372.9	349.0	333.6	329.8	324.1	319.4	313.2	312.2
40°	1054.8	748.5	412.5	353.3	331.2	322.7	321.0	313.4	299.9	284.7	282.6
42.5°	1107.2	752.5	386.2	333.6	312.5	309.6	312.0	299.0	277.4	266.0	266.3
45°	1167.9	759.2	362.0	314.1	293.3	293.3	303.2	286.2	268.4	261.3	262.5
47.5°	1246.6	774.6	339.5	292.8	275.5	280.2	283.8	270.8	260.8	252.0	251.8
50°	1360.4	811.6	316.3	271.2	262.0	271.5	266.5	258.9	247.3	240.2	239.5
52.5°	1501.7	833.4	295.6	251.8	250.4	259.8	252.7	245.6	236.9	227.4	225.5
55°	1598.0	837.4	278.3	237.6	242.5	241.6	239.0	232.6	227.8	215.3	215.5
57.5°	1705.6	845.5	264.1	229.0	237.6	227.1	226.2	220.7	214.6	206.0	203.2
60°	1834.4	858.0	251.8	225.7	233.3	217.6	212.9	210.8	204.6	200.3	201.5
62.5°	1974.7	869.4	239.2	226.2	228.3	208.4	201.3	200.6	196.8	195.4	195.4
65°	2070.5	838.3	223.6	225.7	220.5	198.9	189.9	189.7	186.6	186.1	185.9
67.5°	*2037.1*	*740.0*	*202.5*	*219.1*	*212.4*	*189.4*	*179.5*	*178.5*	*174.5*	*174.7*	*174.7*
70°	1869.7	599.6	173.3	202.7	202.5	180.9	168.6	165.5	160.0	161.0	161.9
72.5°	1555.8	444.3	134.2	175.4	186.6	173.1	156.0	151.0	144.1	145.1	144.9
75°	1123.6	302.1	97.7	133.5	162.4	163.8	143.7	135.1	126.8	128.3	128.7
77.5°	574.9	171.2	71.8	92.0	127.6	148.9	132.5	121.2	119.3	132.5	130.6
80°	187.5	85.8	49.8	64.5	83.7	121.9	116.2	103.1	102.7	105.7	90.8
82.5°	56.0	36.3	32.0	42.4	46.2	93.4	100.3	78.0	67.1	70.7	73.0
85°	19.2	17.5	18.3	21.1	22.0	54.8	70.2	51.7	48.8	53.8	53.1
87.5°	4.5	6.2	5.2	4.7	4.7	13.3	27.3	21.6	29.9	19.9	19.2
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)