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: P1198781

Luminaire Tested: GPC-SB1D-735-U-T2

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198781
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-735-U-T2
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10136 lumens
Efficiency:	N/A
Efficacy:	127.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	79.6
Input Voltage (V):	120.0
Input Current (Ain):	0.638
Voltage Rise (V):	NR
Power Factor:	0.997
Total Harmonic Distortion (THDi):	6.673
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

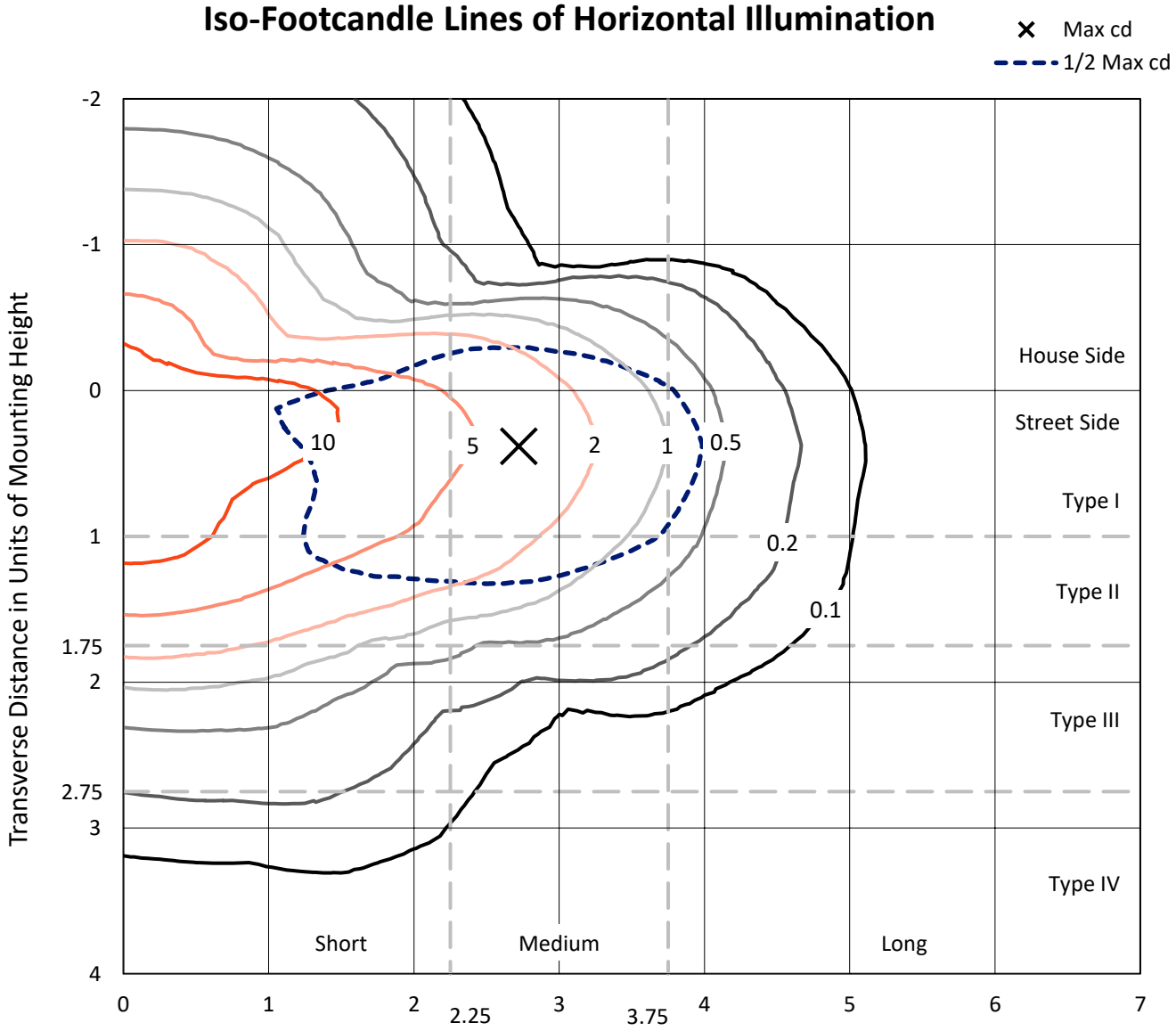


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Iso-Footcandle Lines of Horizontal Illumination



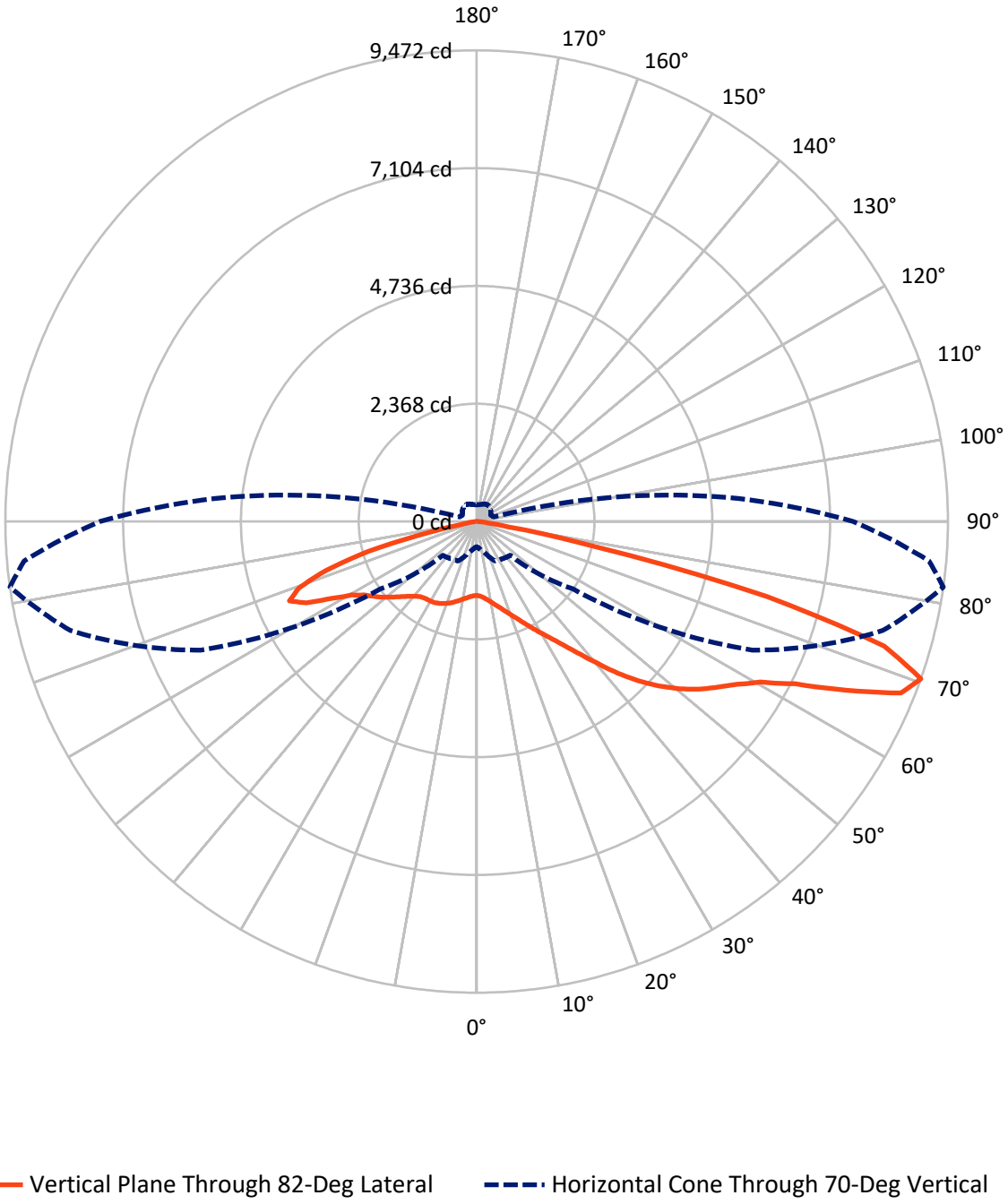
Based on 10 foot mounting height. Maximum calculated value = 16.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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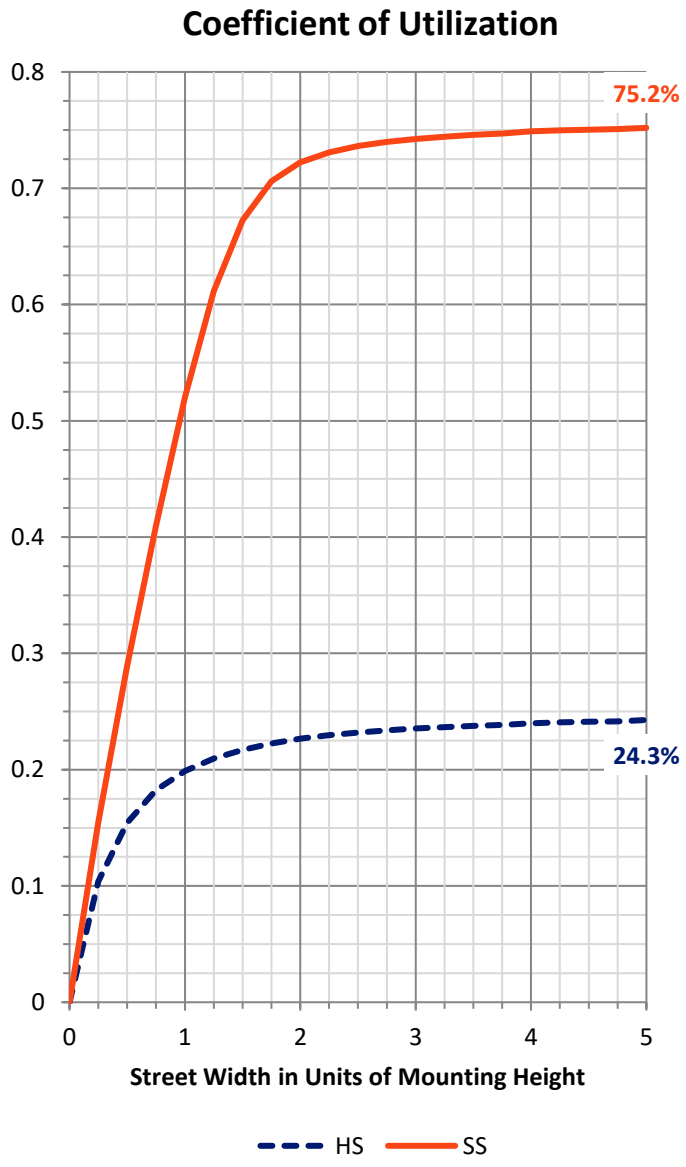
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2498.8	0.0	2498.8
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	7637.2	0.0	7637.2
	% Fixture	75.3	0.0	75.3
Total	Lumens	10136.0	0.0	10136.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.3	1.4
10°-20°	403.1	4.0
20°-30°	674.4	6.7
30°-40°	1053.6	10.4
40°-50°	1677.9	16.6
50°-60°	2335.0	23.0
60°-70°	2442.5	24.1
70°-80°	1276.6	12.6
80°-90°	132.6	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°	10136.0	100.0
0°-180°	10136.0	100.0



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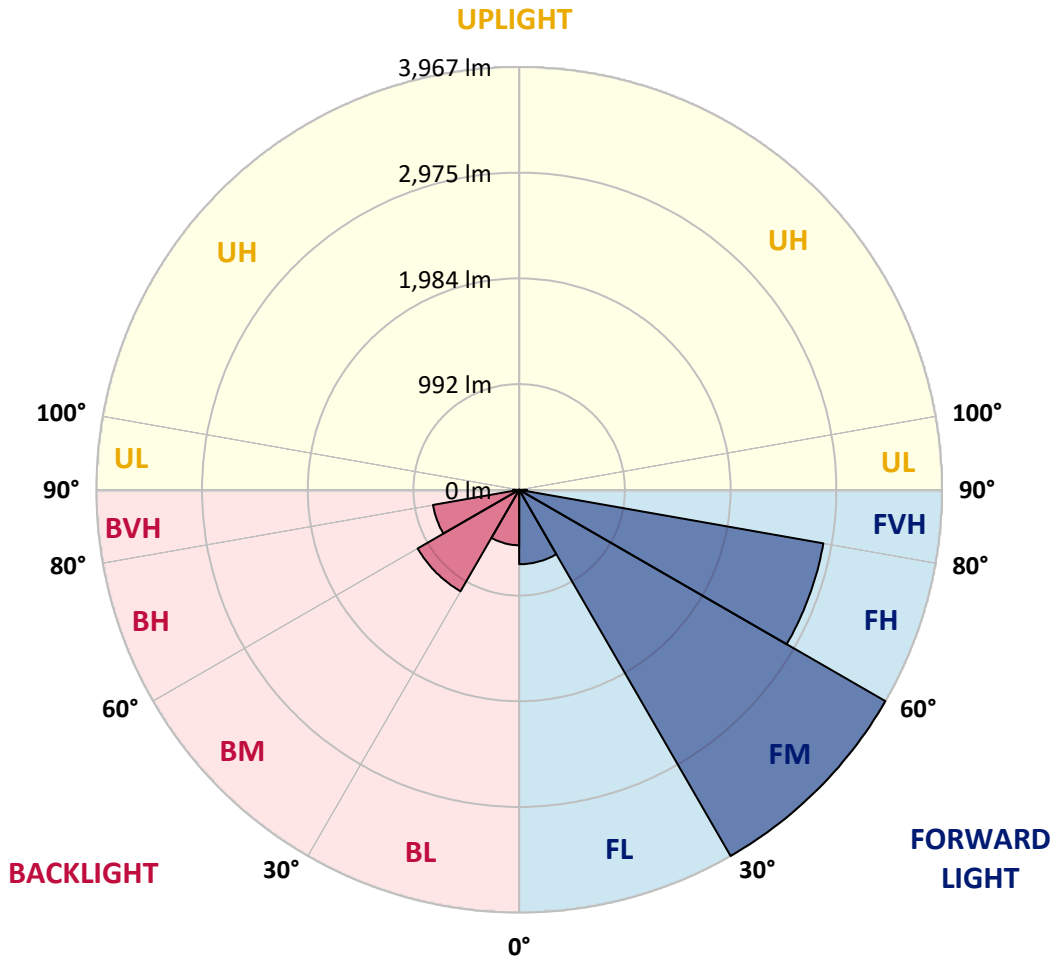
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	698.0	6.9			
FM	(30°-60°)	3967.1	39.1			
FH	(60°-80°)	2897.9	28.6			G2/5000
FVH	(80°-90°)	74.2	0.7			G1/100
BL	(0°-30°)	519.8	5.1	B2/1000		
BM	(30°-60°)	1099.4	10.8	B2/2500		
BH	(60°-80°)	821.2	8.1	B2/1000		G2/1000
BVH	(80°-90°)	58.4	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	*1486.1*	1486.1
2.5°	1521.6	1530.2	1527.5	1524.8	1524.8	1521.0	1520.5	1515.1	1510.8	*1503.8*	1502.2
5°	1540.9	1550.1	1549.0	1551.1	1558.1	1559.7	1561.4	1558.1	1549.5	*1540.9*	1537.2
7.5°	1523.7	1533.9	1537.2	1550.1	1571.6	1590.9	1605.5	1611.4	1603.3	*1590.9*	1585.0
10°	1465.6	1476.9	1488.2	1518.9	1557.1	1602.8	1641.5	1664.6	1663.0	*1651.2*	1641.0
12.5°	1347.8	1359.7	1383.9	1443.6	1513.5	1594.2	1666.2	1714.6	1731.3	*1722.7*	1705.0
15°	1253.7	1263.9	1282.2	1343.5	1434.4	1557.1	1675.4	1769.5	1812.0	*1807.2*	1785.6
17.5°	1251.0	1255.3	1266.6	1295.7	1365.6	1499.0	1665.7	1823.3	1904.5	*1904.0*	1877.1
20°	1298.4	1300.0	1306.4	1312.3	1352.1	1454.9	1641.0	1867.9	2008.3	*2008.3*	1979.3
22.5°	1364.0	1362.9	1369.4	1364.0	1383.3	1451.1	1625.4	1907.2	2123.9	*2132.6*	2096.0
25°	1462.4	1457.0	1455.4	1443.0	1446.8	1486.1	1642.6	1951.8	2261.1	*2278.8*	2233.1
27.5°	1593.6	1585.0	1579.1	1550.6	1540.9	1558.1	1695.3	2005.6	2413.8	*2444.5*	2386.4
30°	1764.7	1749.1	1740.5	1691.0	1656.0	1658.7	1774.9	2077.2	2573.6	*2623.1*	2549.4
32.5°	1998.1	1973.9	1950.8	1869.5	1805.5	1784.6	1877.6	2176.1	2746.8	*2825.8*	2731.2
35°	2259.5	2240.1	2215.4	2090.1	1991.6	1943.2	2016.4	2314.3	2949.5	*3074.9*	2951.7
37.5°	2511.2	2494.5	2506.4	2337.5	2210.5	2140.1	2198.2	2499.9	3199.6	*3384.7*	3228.1
40°	2771.5	2758.6	2760.2	2598.9	2451.0	2371.9	2418.7	2732.8	3486.3	*3753.1*	3560.5
42.5°	3054.4	3044.7	3012.5	2869.4	2703.2	2629.5	2672.5	3001.7	3794.0	*4172.6*	3925.2
45°	3371.2	3365.3	3335.2	3171.1	2980.7	2897.9	2956.0	3298.6	4103.2	*4567.4*	4291.5
47.5°	3645.0	3649.8	3646.0	3507.8	3310.4	3188.9	3258.3	3608.4	4391.0	*4938.5*	4642.7
50°	3776.7	3802.0	3839.1	3796.1	3673.5	3549.8	3563.2	3907.4	4665.3	*5286.5*	4979.4
52.5°	3707.9	3755.8	3856.9	3925.7	3973.1	3947.2	3911.2	4204.3	4923.4	*5600.6*	5297.8
55°	3451.3	3518.6	3686.4	3852.6	4094.1	4281.8	4329.1	4533.5	5175.1	*5877.0*	5599.0
57.5°	2984.0	3093.1	3243.7	3579.9	3986.5	4443.7	4816.4	4990.1	5441.9	*6172.3*	5914.1
60°	2182.6	2328.9	2516.0	3016.2	3610.0	4357.1	5231.1	5691.5	5821.1	*6554.7*	6324.5
62.5°	1396.8	1487.1	1659.3	2130.4	2812.9	3913.4	5358.0	6568.2	6463.8	*7181.8*	6939.8
65°	956.3	1014.4	1172.0	1436.6	1818.5	2913.0	5018.1	7225.4	7484.6	*8175.8*	7991.8
67.5°	694.9	739.0	873.5	1105.3	1184.9	1723.8	3894.0	7195.3	8477.0	*9199.8*	8913.7
70°	*506.6*	*537.8*	*650.8*	*873.5*	*911.6*	*959.0*	*2359.0*	*6116.4*	*8455.5*	*9472.0*	*9129.4*
72.5°	375.4	396.9	472.8	677.7	737.9	647.6	1167.7	4445.3	7265.7	*8567.3*	8292.5
75°	271.6	287.7	343.7	518.5	590.6	493.2	582.5	2597.8	5068.1	*6026.5*	6075.0
77.5°	207.6	220.0	256.6	379.7	472.8	370.0	361.4	1195.1	2403.1	*2414.9*	2550.5
80°	166.7	174.8	194.7	267.3	362.5	277.0	235.6	482.4	759.4	*642.7*	674.5
82.5°	122.6	136.1	164.6	187.7	259.2	190.9	143.6	243.6	288.8	*248.5*	250.6
85°	69.9	79.1	99.5	134.5	165.7	116.7	82.3	108.1	134.5	*110.3*	98.4
87.5°	24.7	32.3	35.0	52.7	72.1	48.4	31.7	31.2	44.1	*32.8*	27.4
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°	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1	1486.1
2.5°	1496.8	1494.1	1483.4	1468.9	1453.8	1439.3	1434.4	1424.2	1417.2	1413.5	1417.8
5°	1526.9	1518.3	1493.1	1460.8	1426.9	1390.3	1364.5	1340.8	1323.6	1307.5	1314.0
7.5°	1570.0	1554.9	1511.3	1454.9	1394.6	1333.9	1288.7	1254.3	1231.1	1216.1	1219.3
10°	1620.0	1596.9	1530.2	1445.7	1352.7	1265.5	1212.3	1182.7	1168.2	1160.1	1162.3
12.5°	1677.5	1644.7	1549.5	1424.8	1288.7	1189.2	1152.6	1144.0	1144.5	1145.1	1146.1
15°	1748.5	1702.8	1565.1	1379.0	1205.3	1130.5	1124.1	1138.1	1152.6	1159.6	1159.1
17.5°	1828.7	1764.1	1567.8	1303.7	1123.6	1092.9	1113.3	1143.5	1165.5	1175.2	1177.3
20°	1914.7	1826.5	1548.5	1197.2	1056.3	1062.2	1098.8	1137.5	1161.7	1174.1	1177.3
22.5°	2013.2	1893.2	1502.2	1085.4	1001.5	1028.9	1071.9	1109.6	1134.9	1147.2	1150.4
25°	2125.6	1968.0	1429.6	991.2	954.1	991.2	1034.3	1065.5	1085.9	1097.2	1100.4
27.5°	2250.3	2046.0	1332.8	916.5	912.7	952.5	988.0	1012.2	1023.0	1031.6	1034.8
30°	2375.7	2117.0	1215.5	860.0	876.7	914.3	939.6	950.4	953.6	955.2	959.0
32.5°	2511.2	2178.3	1092.4	813.2	842.3	877.2	892.3	897.1	882.1	871.8	875.1
35°	2675.2	2243.9	971.9	776.1	808.4	838.5	843.3	839.0	821.3	800.3	801.4
37.5°	2878.0	2325.6	875.6	749.8	776.6	796.5	790.6	789.6	791.2	766.4	768.0
40°	3126.5	2432.1	805.2	729.3	750.8	755.1	738.5	747.6	755.7	718.0	719.1
42.5°	3402.4	2560.7	760.5	715.3	729.3	719.1	693.3	703.5	702.4	652.9	652.4
45°	3683.7	2700.5	744.9	705.1	709.4	689.0	660.5	663.2	640.6	595.9	597.5
47.5°	3963.4	2850.6	754.6	696.5	684.7	661.5	639.5	627.7	594.3	561.0	561.0
50°	4237.7	3008.2	790.1	679.3	650.8	637.3	621.2	600.2	564.7	536.2	534.1
52.5°	4492.1	3166.8	829.9	650.8	608.3	616.4	606.2	581.9	547.0	517.9	518.5
55°	4733.0	3325.5	845.5	611.5	568.5	598.1	592.2	547.5	505.6	481.9	479.8
57.5°	4995.5	3516.4	828.3	561.5	536.2	577.1	554.5	505.0	480.8	463.1	461.5
60°	5359.1	3816.0	791.2	499.7	505.6	545.9	507.2	486.7	460.4	440.5	439.4
62.5°	5963.1	4374.8	731.5	438.3	469.5	499.7	484.6	464.2	437.3	417.9	417.9
65°	6855.9	5151.5	619.1	390.5	429.2	454.5	460.4	440.0	412.0	391.6	392.6
67.5°	7608.9	5638.8	468.5	350.7	387.8	417.9	434.6	414.7	385.1	365.2	365.7
70°	*7567.5*	*5284.9*	*357.7*	*311.4*	*351.2*	*381.9*	*403.4*	*387.8*	*356.1*	*337.2*	*338.8*
72.5°	6721.4	4421.1	289.4	271.6	314.1	344.2	370.0	358.2	325.9	307.6	307.6
75°	4938.0	3138.3	231.3	231.3	267.8	305.0	333.5	325.9	296.4	283.4	279.7
77.5°	2081.5	1316.6	181.3	192.0	222.7	261.9	297.4	300.1	274.3	290.4	263.5
80°	553.4	363.0	138.2	151.1	174.8	216.2	258.7	257.6	229.7	214.6	199.5
82.5°	210.8	143.1	98.4	106.5	126.4	165.7	204.9	211.4	183.4	158.7	158.7
85°	81.2	61.3	60.8	64.0	73.7	109.7	154.9	160.3	138.2	117.3	121.0
87.5°	21.0	18.3	22.6	21.5	33.9	58.6	88.7	92.0	84.4	48.9	69.9
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)