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: P1198302

Luminaire Tested: GPC-SB1C-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:	P1198302
	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-SB1C-735-U-T2-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA 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:	5498 lumens
Efficiency:	N/A
Efficacy:	101.1 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):	54.4
Input Voltage (V):	120.0
Input Current (Ain):	0.437
Voltage Rise (V):	NR
Power Factor:	0.993
Total Harmonic Distortion (THDi):	9.314
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

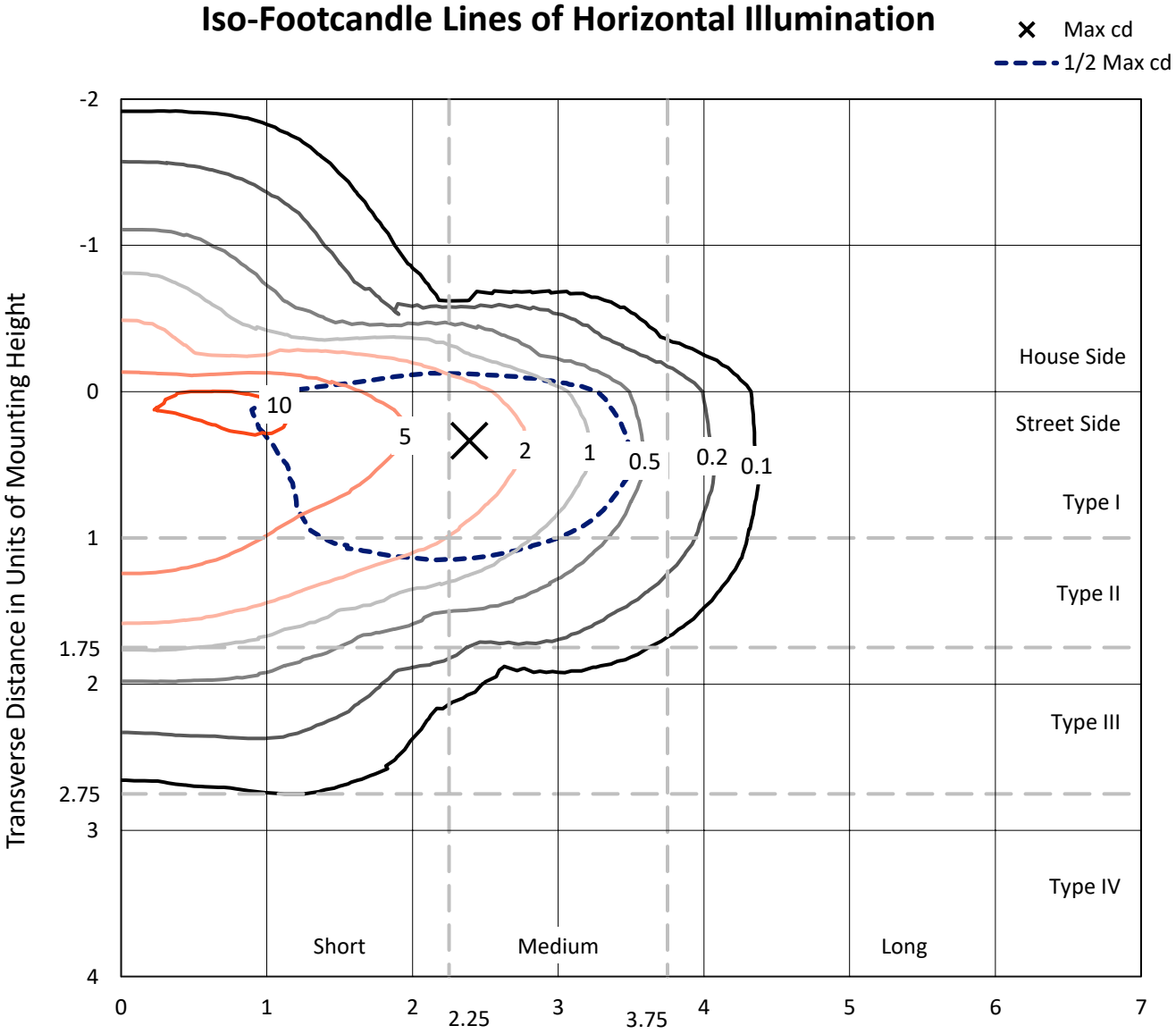


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Iso-Footcandle Lines of Horizontal Illumination



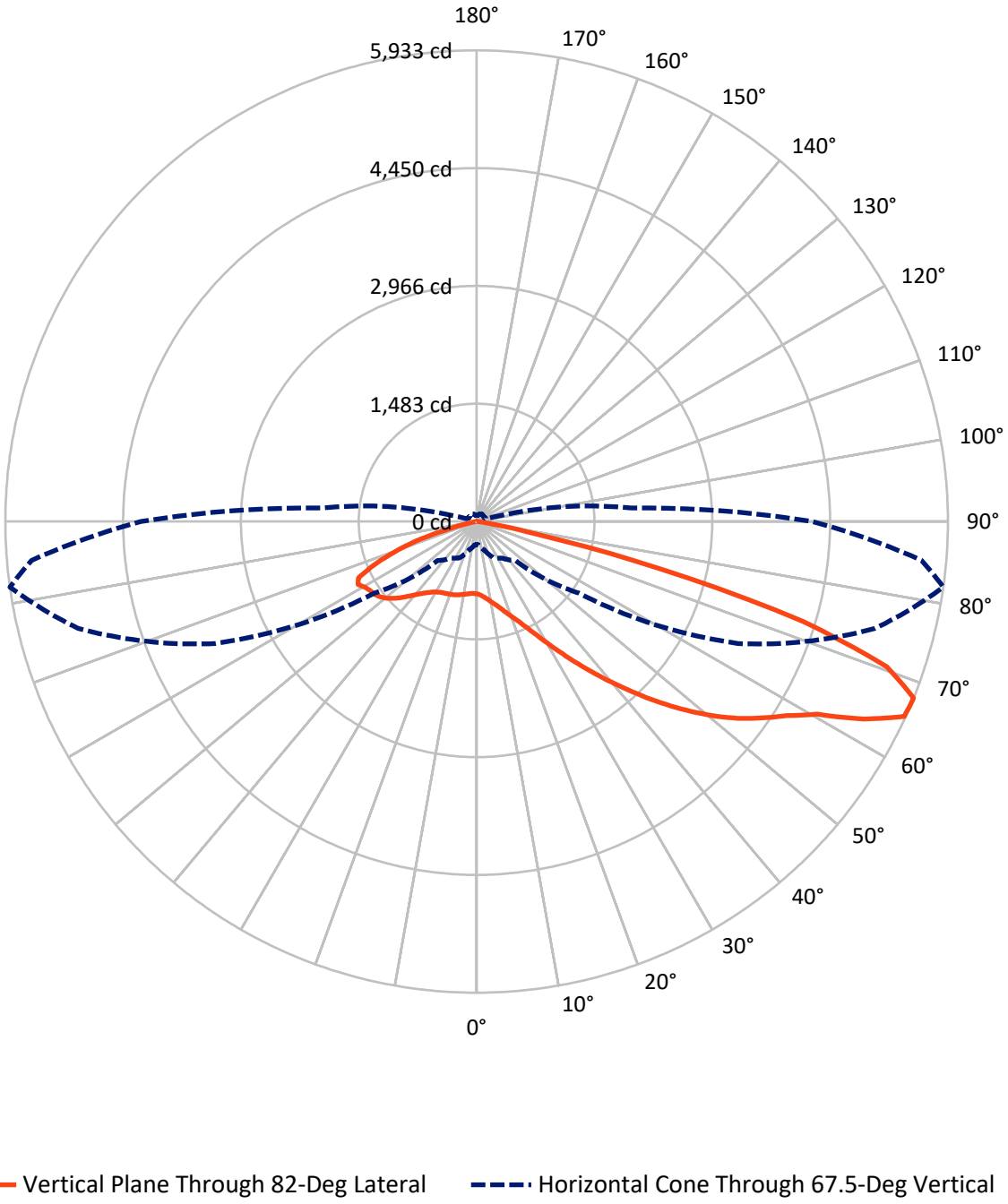
Based on 10 foot mounting height. Maximum calculated value = 12 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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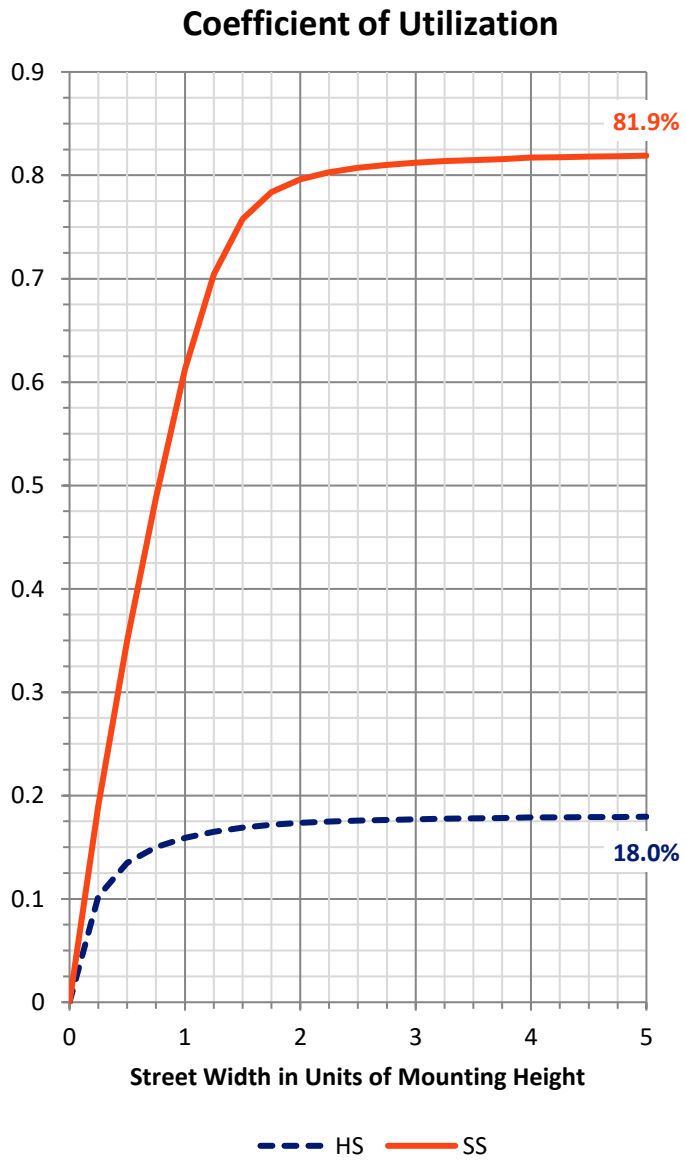
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	995.9	0.0	995.9
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	4502.1	0.0	4502.1
	% Fixture	81.9	0.0	81.9
Total	Lumens	5498.0	0.0	5498.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.1	1.5
10°-20°	210.9	3.8
20°-30°	337.8	6.1
30°-40°	597.2	10.9
40°-50°	1046.4	19.0
50°-60°	1395.6	25.4
60°-70°	1299.3	23.6
70°-80°	498.7	9.1
80°-90°	31.0	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°	5498.0	100.0
0°-180°	5498.0	100.0



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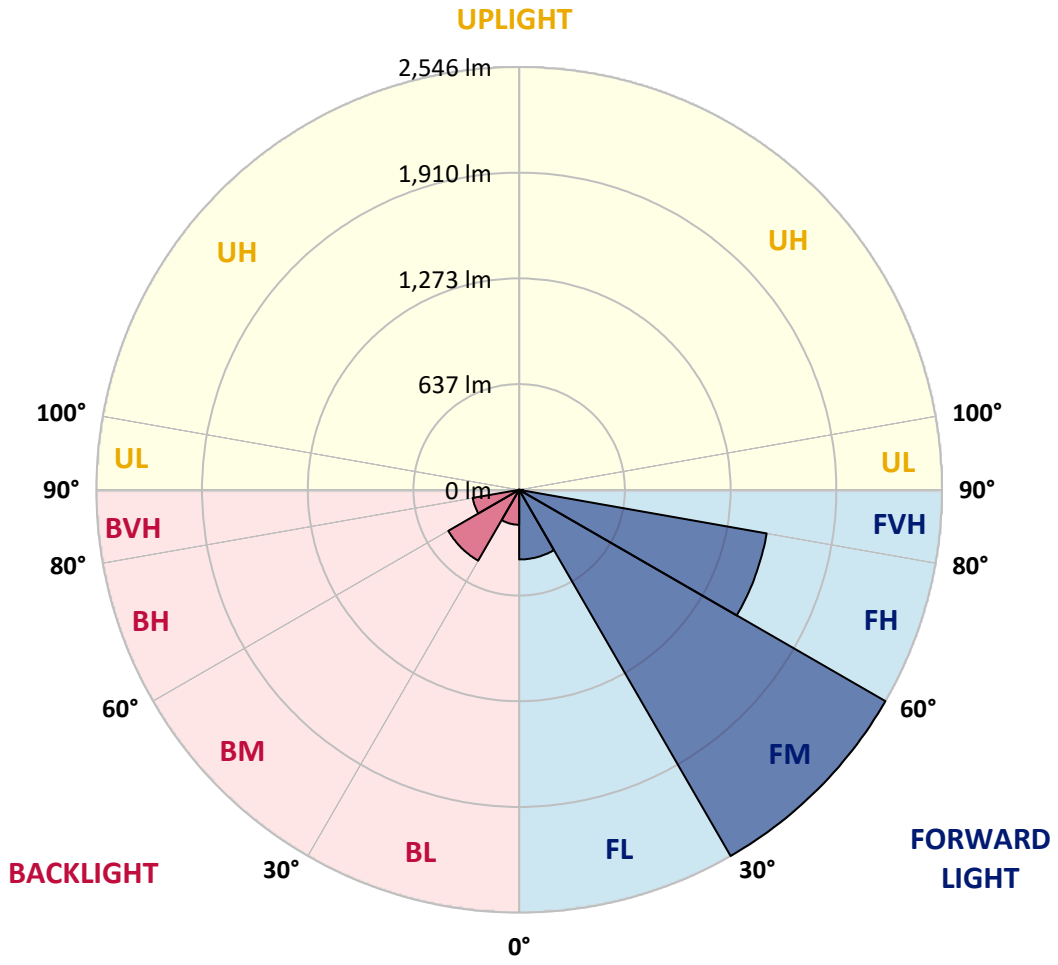
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	419.4	7.6			
FM	(30°-60°)	2546.4	46.3			
FH	(60°-80°)	1513.7	27.5			G1/1800
FVH	(80°-90°)	22.5	0.4			G1/100
BL	(0°-30°)	210.3	3.8	B1/500		
BM	(30°-60°)	492.9	9.0	B1/1000		
BH	(60°-80°)	284.3	5.2	B1/500		G1/500
BVH	(80°-90°)	8.5	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°	910.8	910.8	910.8	910.8	910.8	910.8	910.8	910.8	910.8	*910.8*	910.8
2.5°	962.7	968.2	965.1	963.5	960.7	956.8	953.6	943.7	933.4	*926.7*	924.3
5°	982.1	987.6	987.2	988.8	990.8	992.0	991.2	980.1	965.5	*954.0*	947.3
7.5°	965.5	971.8	976.9	984.9	998.7	1013.4	1020.5	1018.1	1003.1	*987.2*	978.9
10°	918.4	925.1	937.4	956.0	985.3	1016.9	1043.4	1055.7	1046.2	*1028.8*	1017.3
12.5°	832.1	838.8	862.9	903.3	952.4	1007.4	1058.1	1090.9	1093.3	*1075.9*	1062.4
15°	735.1	741.8	767.5	818.2	893.0	981.3	1066.0	1128.1	1149.1	*1134.1*	1117.9
17.5°	674.9	680.8	700.2	741.0	819.0	929.0	1063.2	1167.7	1215.6	*1203.8*	1184.4
20°	656.7	661.8	671.0	699.5	764.4	874.8	1045.0	1204.9	1287.3	*1280.5*	1258.8
22.5°	676.1	680.8	683.6	696.3	737.1	839.2	1022.1	1242.9	1370.4	*1371.2*	1344.7
25°	720.8	725.6	722.4	730.3	748.1	828.1	1013.4	1287.7	1474.9	*1483.6*	1453.5
27.5°	794.5	794.9	787.3	786.9	789.7	844.7	1022.5	1335.6	1606.7	*1623.0*	1585.7
30°	942.1	936.2	907.3	876.0	861.7	894.6	1047.8	1392.2	1762.3	*1791.2*	1744.5
32.5°	1169.7	1161.0	1108.0	1033.1	957.9	975.0	1093.3	1456.7	1931.7	*1984.0*	1927.0
35°	1416.7	1414.3	1358.9	1247.7	1116.3	1089.4	1167.3	1541.4	2116.6	*2199.7*	2132.0
37.5°	1646.3	1645.1	1613.5	1482.4	1322.5	1248.9	1286.1	1652.2	2314.5	*2434.8*	2354.9
40°	1856.1	1859.7	1828.0	1710.8	1549.7	1453.5	1447.6	1789.2	2534.6	*2690.9*	2595.9
42.5°	2037.4	2041.4	2009.3	1922.6	1774.2	1680.0	1645.9	1957.0	2749.5	*2966.0*	2853.6
45°	2160.5	2185.0	2180.3	2111.0	2004.5	1906.8	1884.2	2167.6	2994.5	*3257.8*	3126.0
47.5°	2195.3	2217.9	2253.5	2263.0	2198.1	2101.9	2128.8	2421.4	3242.3	*3549.9*	3399.9
50°	2109.4	2130.4	2204.4	2303.0	2348.1	2318.4	2366.7	2693.3	3496.1	*3841.3*	3668.7
52.5°	1940.0	1961.4	2054.8	2210.8	2394.8	2488.3	2605.4	2961.3	3741.9	*4117.2*	3923.2
55°	1695.0	1717.6	1837.5	2014.0	2305.8	2558.3	2804.5	3228.9	3967.1	*4365.3*	4152.8
57.5°	1361.7	1378.3	1503.0	1750.0	2081.7	2488.7	2951.4	3521.0	4179.3	*4609.2*	4380.4
60°	887.5	902.1	1047.0	1322.5	1710.4	2255.9	2980.7	3846.8	4461.1	*4926.3*	4687.2
62.5°	590.2	600.1	686.0	888.3	1204.5	1809.0	2809.3	4106.9	4874.4	*5478.1*	5213.2
65°	404.9	414.8	500.7	641.7	778.2	1196.6	2316.5	4072.4	5248.9	*5916.3*	5603.1
67.5°	*289.0*	*297.3*	*370.1*	*503.1*	*563.3*	*695.1*	*1570.3*	*3632.2*	*5195.0*	*5932.9*	*5624.1*
70°	207.0	211.8	271.9	391.9	447.7	417.6	873.2	2778.0	4548.6	*5478.5*	5195.8
72.5°	144.9	146.5	188.8	298.5	360.6	304.8	415.6	1852.1	3440.3	*4300.0*	4028.1
75°	98.2	100.1	127.1	218.9	289.4	232.8	220.1	993.2	2019.6	*2380.2*	2133.6
77.5°	60.2	61.0	81.9	149.6	216.5	177.3	141.7	420.8	781.4	*767.1*	653.9
80°	34.0	34.0	52.3	93.0	147.6	114.4	99.4	178.9	247.4	*217.3*	191.6
82.5°	19.0	19.4	38.0	57.8	97.8	67.7	54.6	82.7	106.9	*94.6*	82.3
85°	7.9	8.7	23.4	27.3	46.7	33.6	22.2	34.8	39.6	*35.2*	25.7
87.5°	0.8	1.2	7.1	5.1	5.5	6.7	3.2	6.7	5.5	*5.5*	4.0
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°	910.8	910.8	910.8	910.8	910.8	910.8	910.8	910.8	910.8	910.8	910.8
2.5°	916.8	910.8	895.8	878.4	855.4	844.3	829.3	819.0	810.3	811.1	803.2
5°	934.6	919.5	885.9	843.9	791.7	754.5	714.9	687.6	665.4	660.7	650.0
7.5°	959.1	935.4	876.4	800.8	712.5	645.6	585.8	547.4	520.1	511.4	502.7
10°	990.8	956.4	864.1	746.6	619.5	534.4	470.3	440.2	421.6	415.2	410.5
12.5°	1027.6	980.5	847.9	680.5	523.7	441.8	401.0	385.9	380.0	378.0	376.8
15°	1073.9	1010.6	823.4	602.1	442.6	385.2	367.7	365.8	366.5	365.8	365.4
17.5°	1128.9	1043.4	783.4	521.3	387.9	356.3	349.9	351.5	353.5	353.1	352.3
20°	1189.1	1075.9	732.3	449.7	350.7	335.7	332.1	333.7	335.3	334.5	334.1
22.5°	1257.6	1110.7	675.7	393.9	325.8	316.7	312.7	313.1	313.1	311.5	310.7
25°	1339.5	1149.1	616.3	354.3	306.8	299.7	294.9	293.3	290.9	286.2	285.4
27.5°	1437.3	1189.9	559.3	326.6	291.7	285.0	279.5	275.5	269.6	261.7	260.9
30°	1547.3	1239.4	511.0	309.2	279.9	273.1	266.8	260.9	252.2	242.3	241.5
32.5°	1676.8	1292.4	475.8	297.7	269.2	262.0	254.5	247.4	237.9	228.0	228.4
35°	1831.2	1356.6	455.2	289.8	260.9	251.4	243.0	235.1	228.0	219.3	218.5
37.5°	1998.6	1424.6	448.9	285.8	255.3	240.7	231.2	225.6	224.8	219.7	219.3
40°	2181.9	1505.4	453.6	283.4	249.4	230.4	220.1	218.9	220.9	211.8	212.2
42.5°	2375.8	1601.2	461.6	280.7	241.1	220.1	210.2	210.2	208.6	195.9	195.9
45°	2585.6	1711.6	469.5	273.9	231.2	209.8	202.3	199.5	192.8	180.5	180.1
47.5°	2797.0	1824.0	475.4	261.7	219.3	201.1	194.4	188.0	178.1	167.0	166.6
50°	2997.7	1925.0	469.1	243.4	205.8	192.8	185.6	176.9	166.3	158.7	157.5
52.5°	3177.0	2012.5	442.2	222.1	191.6	184.1	177.7	168.6	159.9	152.0	151.2
55°	3333.0	2083.3	394.7	201.9	178.9	176.5	170.2	158.7	146.9	140.1	139.3
57.5°	3482.6	2137.2	335.3	185.3	167.4	168.2	158.7	148.4	137.4	130.2	129.4
60°	3681.7	2209.2	275.1	169.8	155.2	157.5	147.3	139.7	125.9	116.8	115.6
62.5°	4000.0	2321.2	218.5	150.8	140.9	141.7	137.4	128.3	111.6	100.9	100.1
65°	4252.5	2280.1	172.2	130.2	124.7	125.9	125.9	116.0	98.2	85.9	84.7
67.5°	*4224.0*	*1952.3*	*137.4*	*110.0*	*109.3*	*110.0*	*112.8*	*104.5*	*87.1*	*77.2*	*75.6*
70°	3891.1	1552.9	110.0	91.4	95.0	93.0	100.9	95.4	78.4	68.5	67.3
72.5°	3175.0	1118.6	83.9	75.6	72.8	76.0	91.0	85.9	65.3	54.2	53.0
75°	1855.3	596.9	62.5	59.8	52.6	63.3	80.8	73.2	49.9	40.0	38.8
77.5°	604.1	208.2	45.9	43.9	39.2	51.1	68.9	61.8	40.8	31.7	30.5
80°	161.9	62.9	31.3	28.9	25.3	38.0	54.6	49.1	29.3	20.6	20.2
82.5°	64.9	26.5	18.2	16.2	13.9	26.1	43.1	39.6	21.8	13.1	13.1
85°	21.0	8.7	6.7	5.1	6.3	16.2	25.7	26.9	15.4	6.7	5.1
87.5°	2.8	1.2	1.2	1.6	1.2	2.8	7.9	7.5	4.4	0.8	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)