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: P1198311

Luminaire Tested: GPC-SB1C-735-U-T4FT

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198311
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-T4FT
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV FORWARD THROW OPT
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7441 lumens
Efficiency:	N/A
Efficacy:	136.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

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

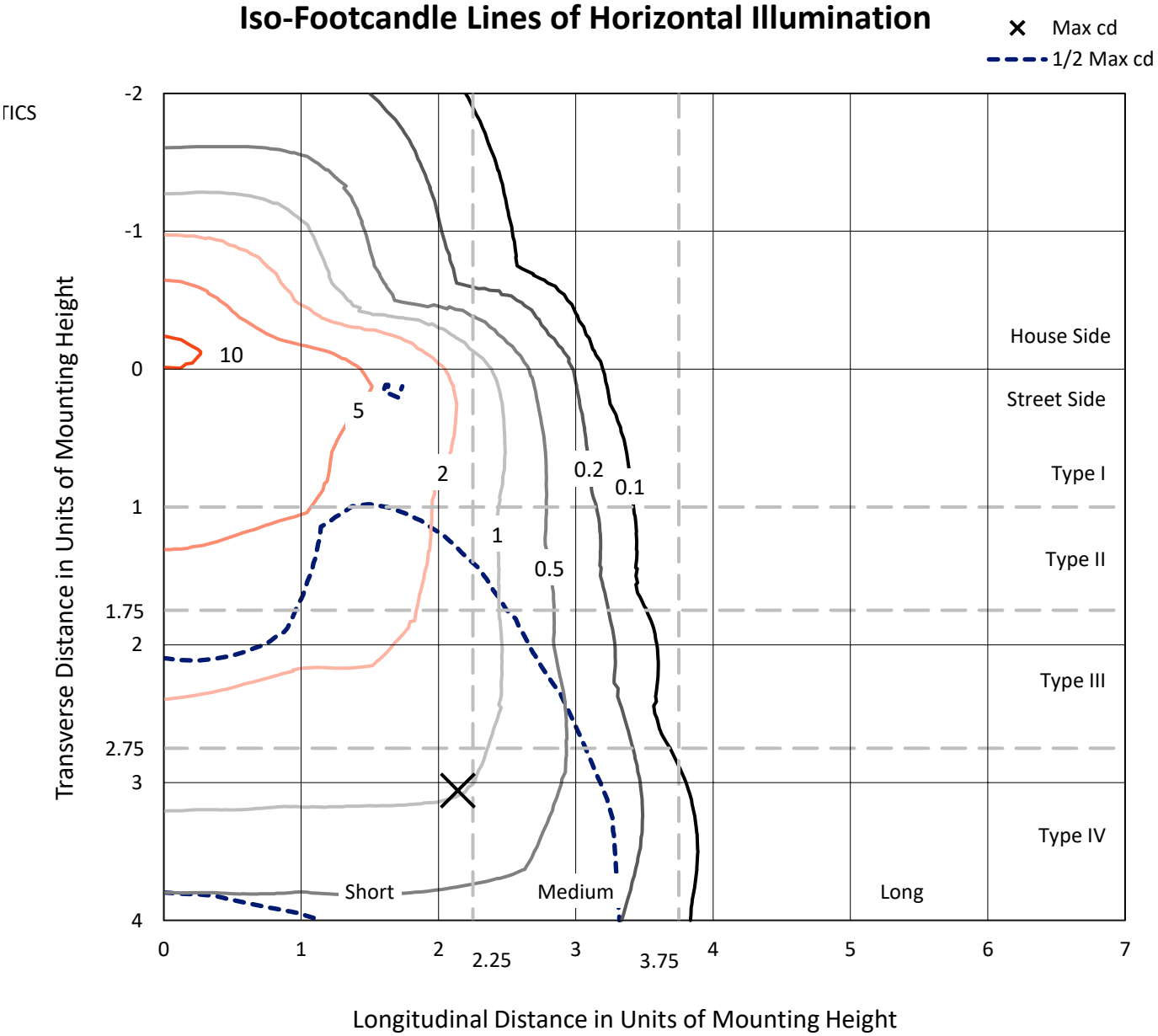


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Iso-Footcandle Lines of Horizontal Illumination



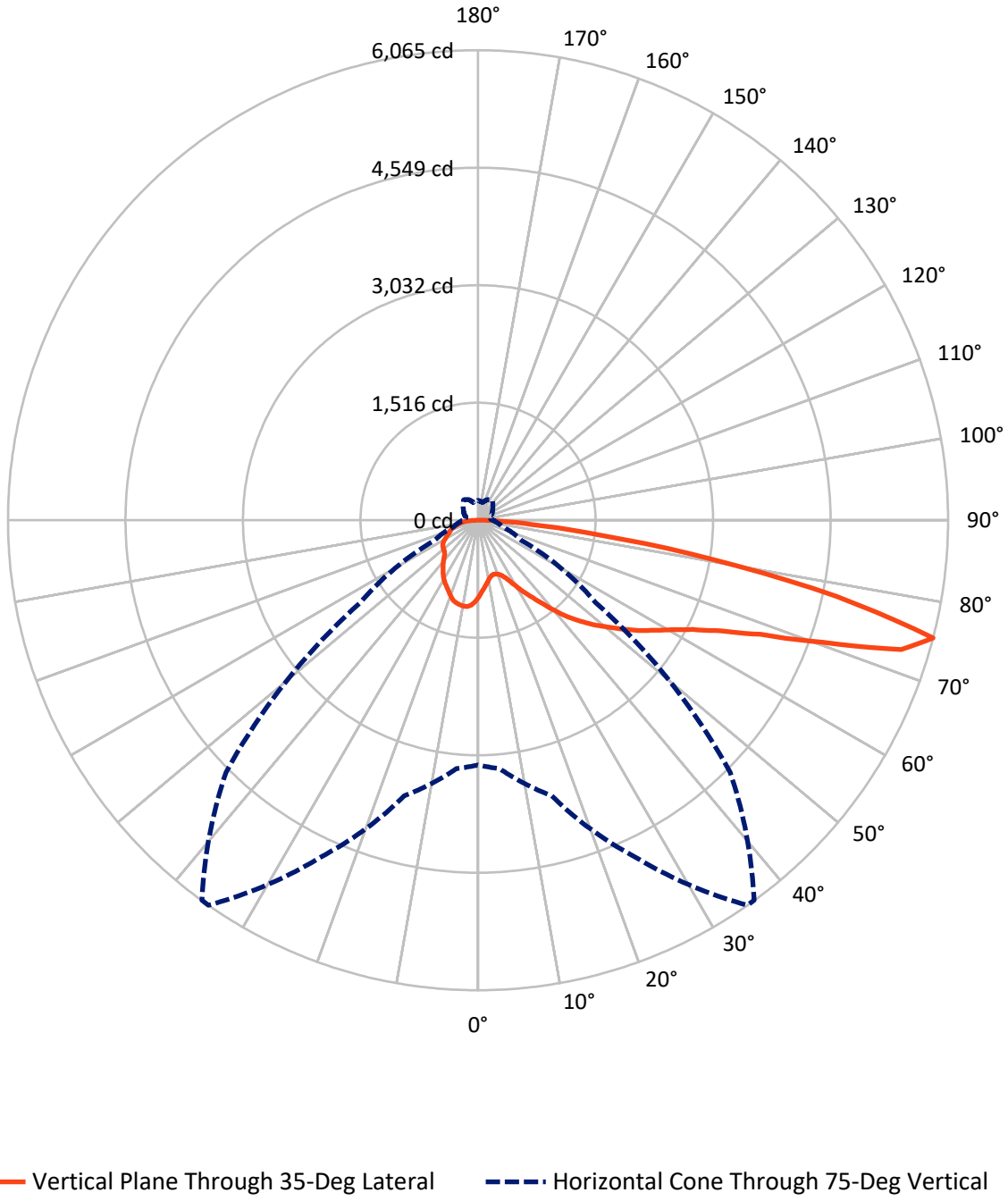
Based on 10 foot mounting height. Maximum calculated value = 11 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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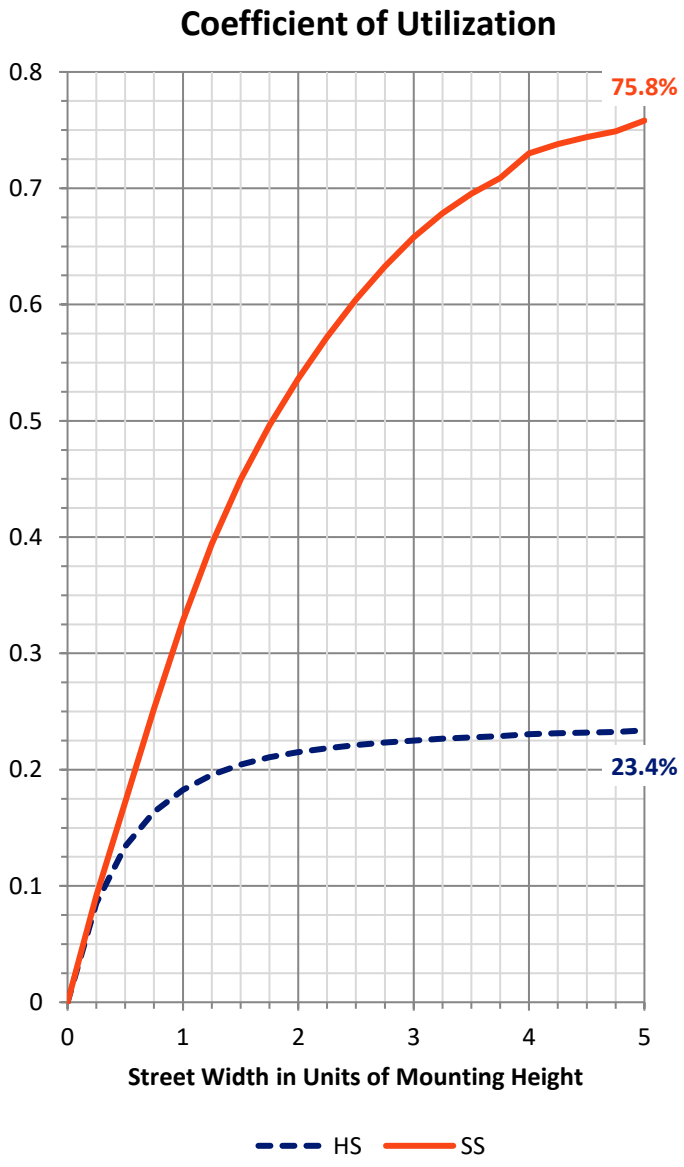
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1770.8	0.0	1770.8
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	5670.2	0.0	5670.2
	% Fixture	76.2	0.0	76.2
Total	Lumens	7441.0	0.0	7441.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.9	1.3
10°-20°	270.8	3.6
20°-30°	454.7	6.1
30°-40°	706.7	9.5
40°-50°	1049.0	14.1
50°-60°	1448.2	19.5
60°-70°	1756.9	23.6
70°-80°	1452.0	19.5
80°-90°	208.8	2.8
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°	7441.0	100.0
0°-180°	7441.0	100.0



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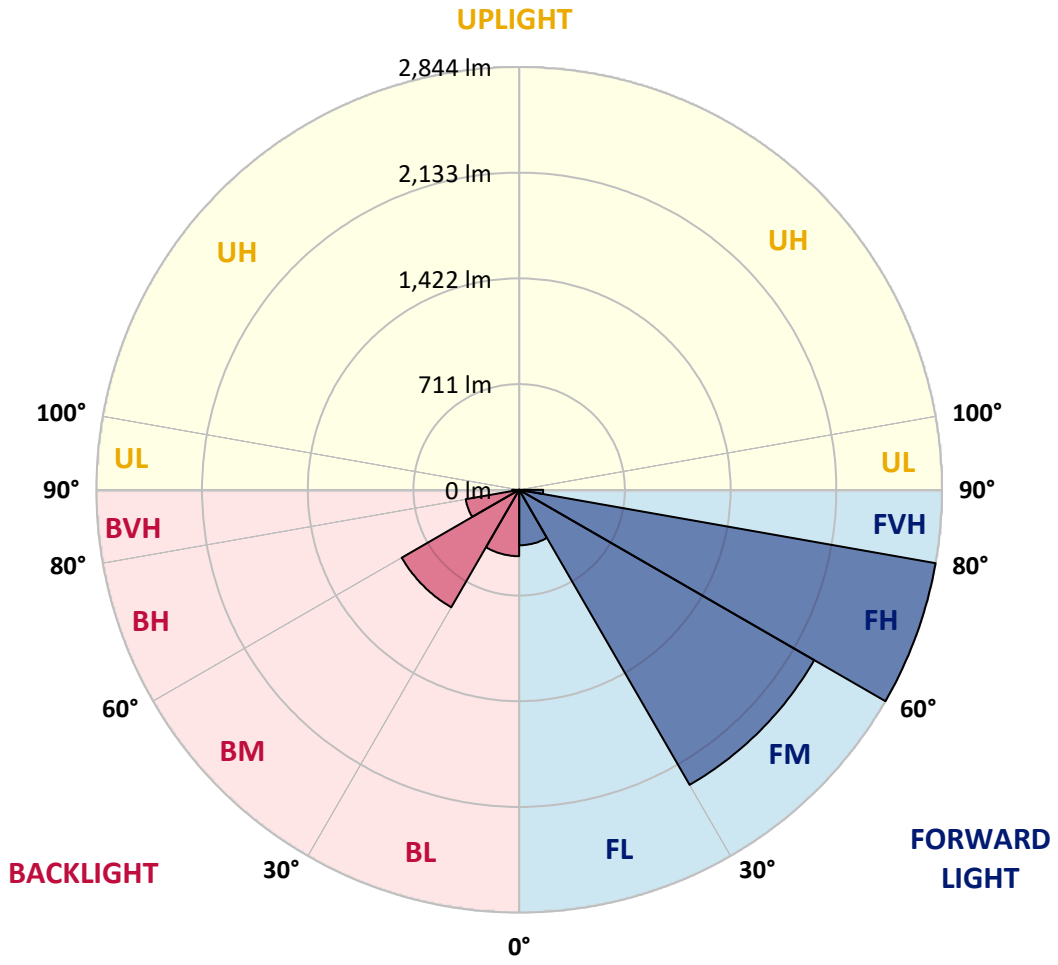
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	373.2	5.0			
FM	(30°-60°)	2291.4	30.8			
FH	(60°-80°)	2843.8	38.2			G2/5000
FVH	(80°-90°)	161.8	2.2			G2/225
BL	(0°-30°)	446.3	6.0	B1/500		
BM	(30°-60°)	912.4	12.3	B1/1000		
BH	(60°-80°)	365.1	4.9	B1/500		G1/500
BVH	(80°-90°)	47.0	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	991.6	991.6	991.6	991.6	*991.6*	991.6	991.6	991.6	991.6	991.6	991.6
2.5°	914.3	920.0	922.4	921.2	*927.2*	926.4	934.8	945.3	959.8	973.9	994.4
5°	843.9	850.0	855.2	860.0	*871.7*	875.3	888.6	908.7	935.2	962.2	996.0
7.5°	778.4	783.6	791.6	800.5	*820.2*	823.8	845.9	877.3	914.3	953.8	1000.4
10°	724.9	730.1	738.5	748.6	*773.1*	777.6	805.7	847.6	895.8	945.7	1005.2
12.5°	701.9	703.5	708.4	718.4	*739.8*	742.6	773.5	821.4	877.7	939.7	1012.5
15°	700.7	703.9	704.4	709.6	*727.3*	728.5	757.0	804.5	866.5	938.5	1023.3
17.5°	712.8	715.2	711.6	714.8	*729.7*	731.7	754.2	796.5	862.8	943.7	1041.8
20°	745.0	747.0	736.1	731.7	*742.6*	744.2	766.3	801.7	866.5	954.6	1067.2
22.5°	813.4	814.6	788.0	769.9	*770.7*	771.5	790.8	823.0	880.5	974.3	1099.4
25°	920.0	919.2	876.9	841.9	*821.8*	817.4	830.3	857.6	904.3	1000.4	1140.8
27.5°	1044.7	1038.6	996.4	944.1	*900.3*	893.8	891.0	902.7	938.1	1035.0	1191.5
30°	1185.5	1179.8	1134.4	1066.0	*1005.2*	994.8	968.2	962.2	988.3	1082.1	1261.9
32.5°	1339.9	1336.3	1282.0	1199.1	*1117.9*	1105.8	1061.2	1045.1	1065.6	1153.3	1360.0
35°	1469.4	1466.2	1421.2	1335.9	*1236.5*	1221.7	1176.2	1158.1	1168.6	1244.6	1488.4
37.5°	1586.5	1584.9	1546.3	1479.1	*1376.5*	1358.4	1307.3	1301.3	1299.3	1364.9	1644.0
40°	1695.1	1691.1	1650.9	1615.5	*1539.4*	1522.9	1477.9	1472.7	1457.4	1512.9	1820.2
42.5°	1815.4	1804.9	1746.6	1730.1	*1709.6*	1695.9	1669.0	1669.8	1636.0	1679.8	2006.9
45°	1913.5	1907.5	1847.6	1837.9	*1860.0*	1854.4	1877.7	1883.8	1818.2	1854.8	2200.7
47.5°	2018.9	2013.3	1962.6	1955.8	*2015.7*	2017.3	2099.8	2101.8	1996.0	2036.6	2395.0
50°	2148.9	2140.8	2090.5	2099.0	*2166.2*	2172.2	2323.0	2309.4	2159.7	2221.3	2587.7
52.5°	2234.5	2239.4	2228.5	2242.2	*2333.9*	2339.5	2542.7	2507.7	2321.8	2403.5	2776.8
55°	2297.7	2307.3	2341.1	2372.5	*2510.9*	2516.5	2749.8	2696.3	2456.2	2572.4	2954.6
57.5°	2378.9	2365.3	2428.4	2489.6	*2679.0*	2693.9	2951.4	2878.1	2575.2	2718.1	3076.5
60°	2495.6	2485.9	2535.0	2625.5	*2867.3*	2891.0	3164.6	3041.9	2662.5	2833.5	3100.2
62.5°	2732.1	2708.0	2715.6	2795.7	*3104.6*	3136.0	3405.1	3184.7	2706.0	2878.6	2973.1
65°	3085.7	3044.3	3005.7	3061.2	*3438.9*	3469.9	3676.6	3296.9	2689.9	2791.3	2635.6
67.5°	3531.0	3490.0	3442.5	3494.8	*3931.3*	3955.8	4011.7	3360.1	2563.2	2455.0	2039.0
70°	3898.3	3883.0	3939.7	4154.9	*4717.7*	4718.5	4441.3	3307.8	2216.0	1740.6	1179.8
72.5°	3849.6	3840.3	4139.2	4804.6	*5708.8*	5687.5	4848.0	2911.9	1492.8	785.2	442.1
75°	*3158.1*	*3218.1*	*3681.1*	*4792.9*	*6064.8*	*6062.0*	*4599.0*	*1851.2*	*617.5*	*325.4*	*228.5*
77.5°	1693.5	1788.4	2389.8	3538.7	*4734.6*	4805.8	3233.3	647.6	265.1	208.4	158.1
80°	552.3	635.2	952.5	1801.7	*3076.5*	3063.2	1385.8	254.2	181.4	147.6	109.4
82.5°	234.5	244.2	425.6	850.8	*1578.9*	1554.3	441.3	146.0	127.5	101.0	67.6
85°	91.7	102.6	187.9	393.4	*683.8*	669.0	159.3	72.4	81.7	66.0	40.2
87.5°	30.2	36.6	67.2	134.8	*212.8*	205.2	39.0	24.9	35.4	30.2	14.5
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°	991.6	991.6	991.6	991.6	991.6	991.6	991.6	991.6	991.6	991.6	991.6
2.5°	1000.0	1006.4	1014.1	1025.4	1035.0	1043.1	1051.5	1056.7	1058.7	1064.8	1064.4
5°	1007.3	1021.3	1040.2	1058.7	1076.8	1087.7	1097.4	1102.2	1106.6	1109.8	1110.6
7.5°	1019.3	1037.4	1067.2	1091.3	1106.6	1115.5	1121.9	1120.3	1121.9	1122.7	1123.9
10°	1029.8	1055.1	1090.5	1113.4	1125.1	1125.5	1123.9	1118.3	1115.5	1115.9	1116.7
12.5°	1042.2	1070.4	1108.6	1127.9	1131.1	1122.3	1115.5	1105.8	1102.2	1100.6	1099.8
15°	1059.1	1091.3	1128.3	1135.6	1127.5	1116.3	1104.6	1088.9	1080.9	1074.4	1076.4
17.5°	1079.7	1115.1	1143.6	1138.4	1121.1	1102.6	1083.7	1059.9	1043.5	1036.6	1037.0
20°	1108.2	1140.0	1155.3	1132.4	1106.2	1078.0	1045.9	1016.9	1001.6	994.8	994.0
22.5°	1142.8	1173.4	1166.5	1121.9	1084.9	1039.8	999.6	978.3	970.6	965.8	966.6
25°	1184.2	1210.4	1174.6	1106.6	1049.9	989.2	958.2	951.3	947.7	944.1	944.1
27.5°	1238.1	1252.2	1180.6	1084.1	995.2	935.2	924.0	925.2	924.0	918.0	919.2
30°	1309.3	1306.5	1186.3	1047.5	932.4	886.6	887.4	892.6	893.4	889.4	891.4
32.5°	1403.1	1374.5	1189.1	1000.0	872.5	843.9	844.7	850.4	854.4	847.6	850.8
35°	1516.5	1453.8	1184.6	940.5	826.2	803.3	797.3	798.9	800.1	793.7	798.1
37.5°	1648.9	1542.7	1164.9	874.5	788.0	763.5	750.6	739.8	733.3	727.3	731.3
40°	1794.1	1639.6	1128.7	810.1	745.4	721.2	701.9	681.4	659.7	651.7	655.3
42.5°	1946.1	1739.4	1084.9	748.6	696.3	676.6	656.1	626.3	593.7	577.2	579.3
45°	2103.8	1841.5	1041.8	687.9	646.0	637.6	613.8	578.0	542.6	521.7	520.1
47.5°	2258.3	1938.1	978.7	626.7	599.0	608.2	589.7	556.7	517.3	484.3	480.7
50°	2405.9	2028.6	875.3	564.8	560.7	599.4	581.7	534.2	489.1	446.9	443.3
52.5°	2552.3	2101.8	743.0	508.5	540.2	596.9	571.2	518.9	463.8	419.6	414.7
55°	2676.6	2139.6	615.5	460.2	510.5	576.4	558.7	500.8	428.0	380.9	376.9
57.5°	2747.4	2109.0	509.3	412.7	469.4	542.6	537.4	462.2	385.4	349.2	344.3
60°	2716.8	1985.1	422.4	371.3	430.4	506.0	500.4	424.0	352.8	318.6	313.8
62.5°	2548.3	1749.0	353.6	335.1	395.0	468.6	463.4	394.6	327.8	294.9	289.6
65°	2208.8	1422.8	300.1	304.9	359.2	423.6	431.2	370.1	308.1	275.9	270.7
67.5°	1684.7	1030.6	258.2	278.8	324.2	379.3	401.5	352.4	291.6	261.1	256.2
70°	960.2	585.3	222.9	253.4	293.2	338.3	378.5	338.3	273.9	248.6	245.4
72.5°	364.0	268.7	192.7	228.1	263.5	303.7	353.2	316.2	253.4	234.5	231.3
75°	*194.3*	*163.7*	*162.1*	*198.3*	*229.3*	*269.9*	*321.4*	*294.5*	*238.1*	*247.8*	*255.8*
77.5°	132.3	115.9	135.6	169.8	191.9	232.5	287.6	261.5	206.4	205.6	189.5
80°	91.7	82.1	110.2	136.8	148.4	195.5	251.0	224.5	168.1	156.9	150.0
82.5°	55.1	53.5	82.5	102.2	105.0	150.8	208.0	188.3	137.6	119.9	120.7
85°	30.2	31.8	52.7	59.9	61.1	105.4	162.9	145.6	105.8	88.9	89.7
87.5°	8.4	10.9	19.3	23.7	29.4	54.7	96.9	86.5	53.1	37.0	37.0
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)