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: P1198788

Luminaire Tested: GPC-SB1D-735-U-T4W-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198788
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-2)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-735-U-T4W-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7880 lumens
Efficiency:	N/A
Efficacy:	99.0 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):	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

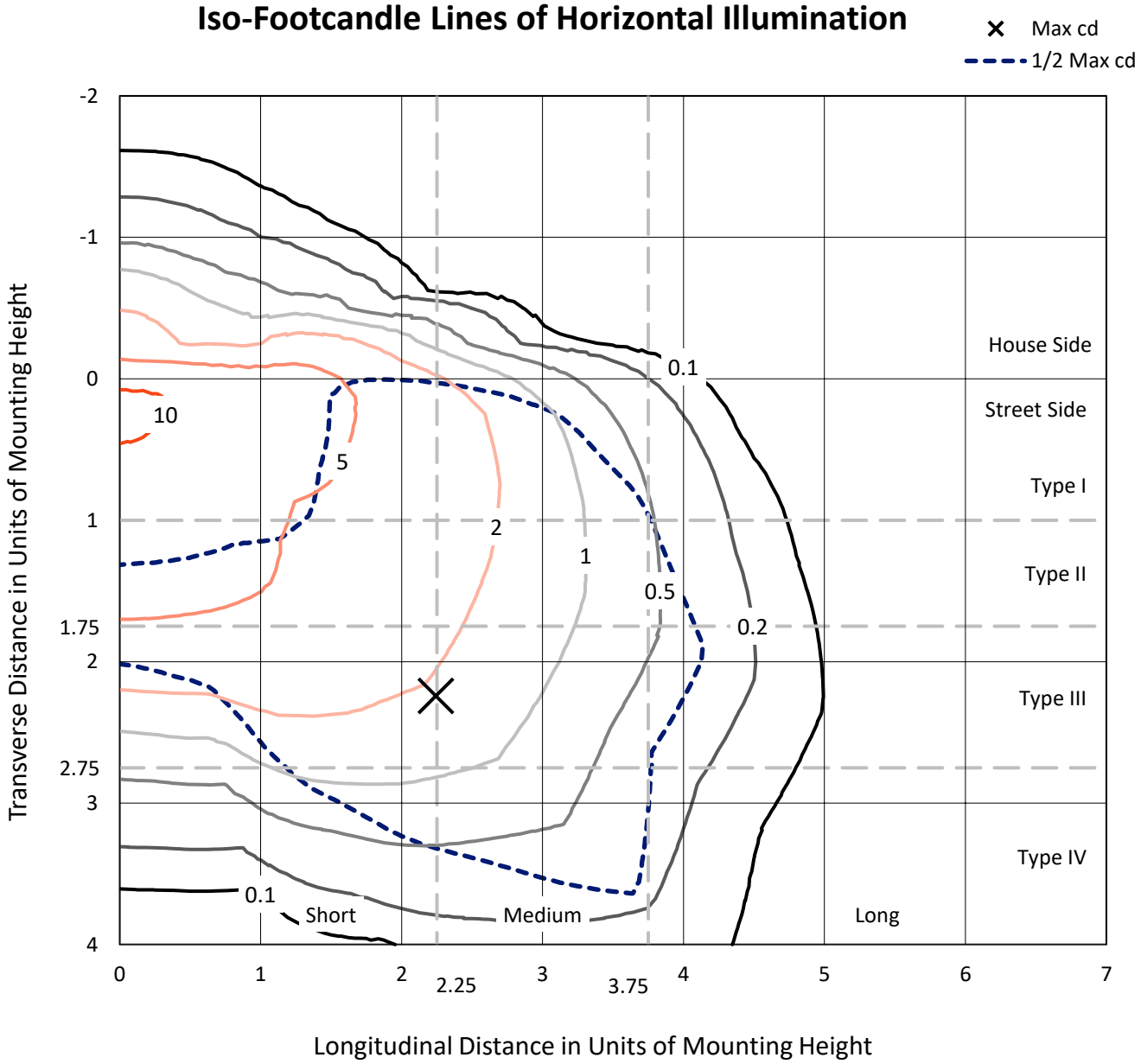


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Iso-Footcandle Lines of Horizontal Illumination



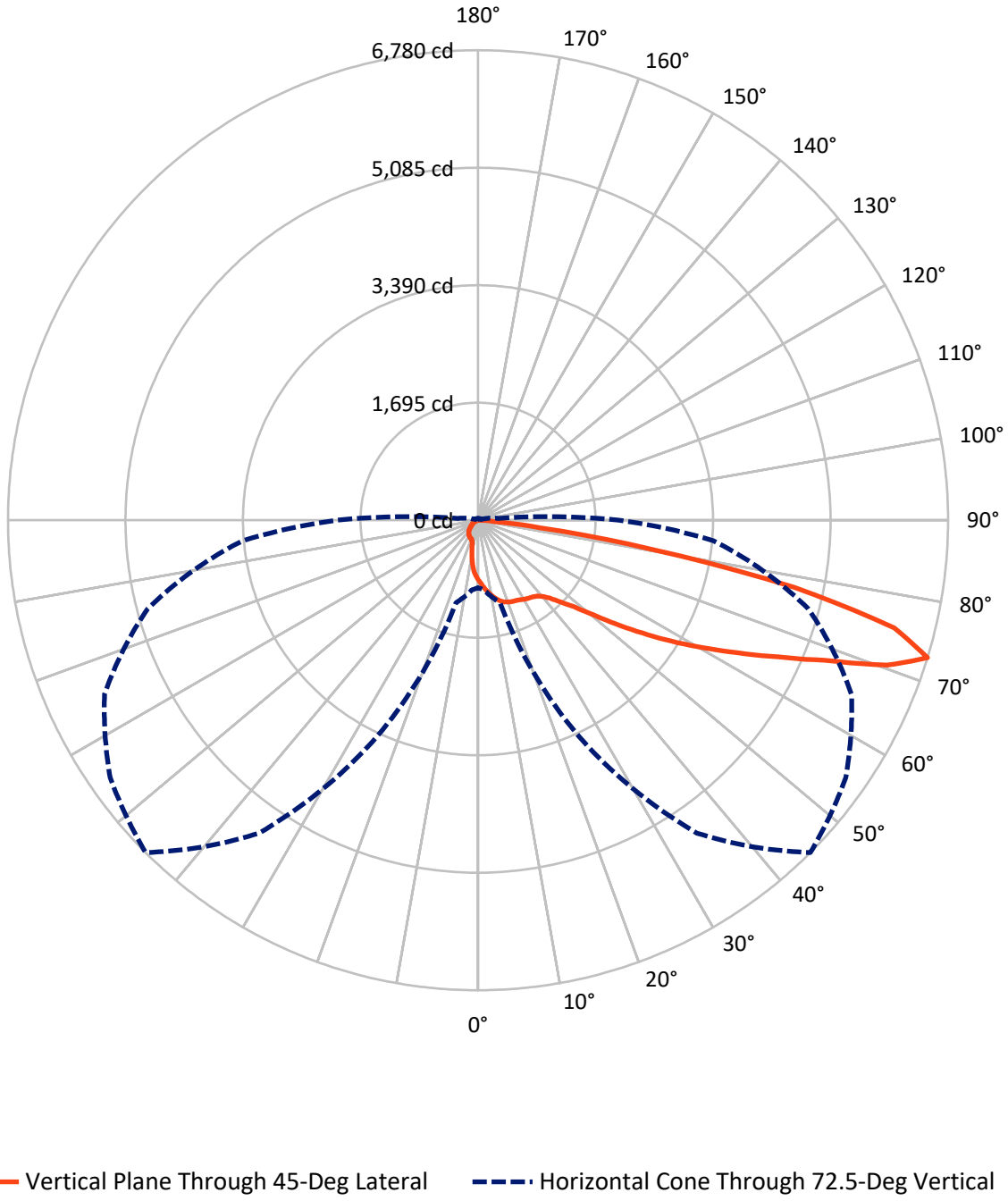
Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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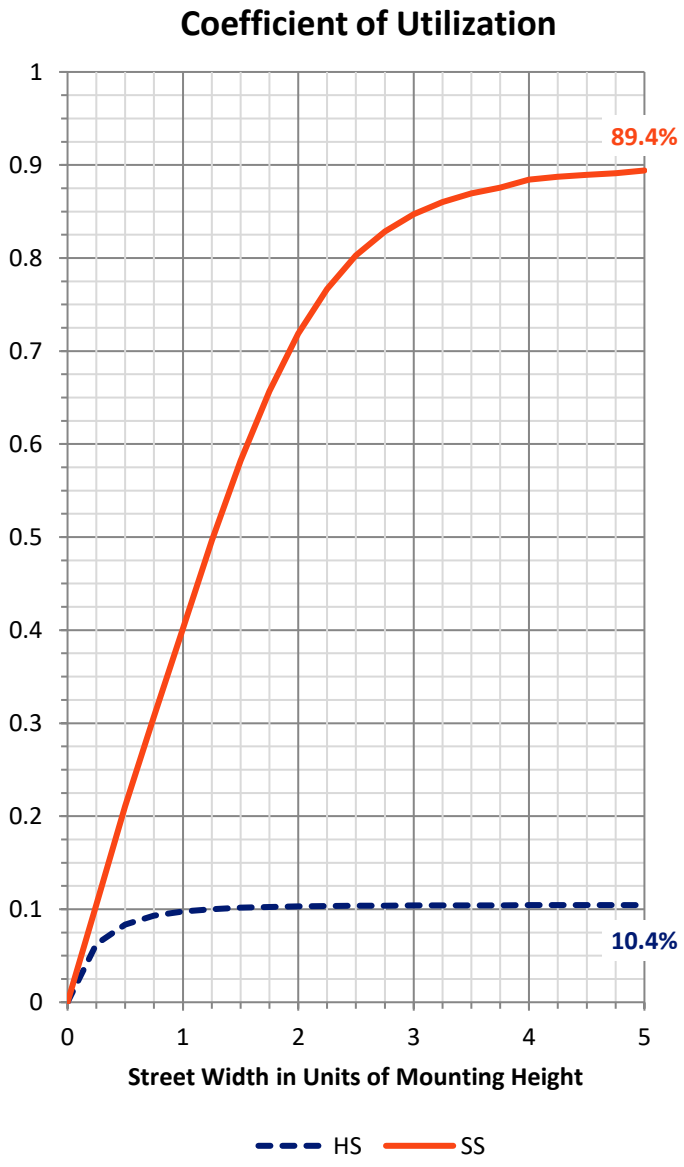
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	828.0	0.0	828.0
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	7052.0	0.0	7052.0
	% Fixture	89.5	0.0	89.5
Total	Lumens	7880.0	0.0	7880.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.3	1.0
10°-20°	237.7	3.0
20°-30°	390.4	5.0
30°-40°	553.6	7.0
40°-50°	915.1	11.6
50°-60°	1643.9	20.9
60°-70°	2282.6	29.0
70°-80°	1655.7	21.0
80°-90°	119.7	1.5
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°	7880.0	100.0
0°-180°	7880.0	100.0



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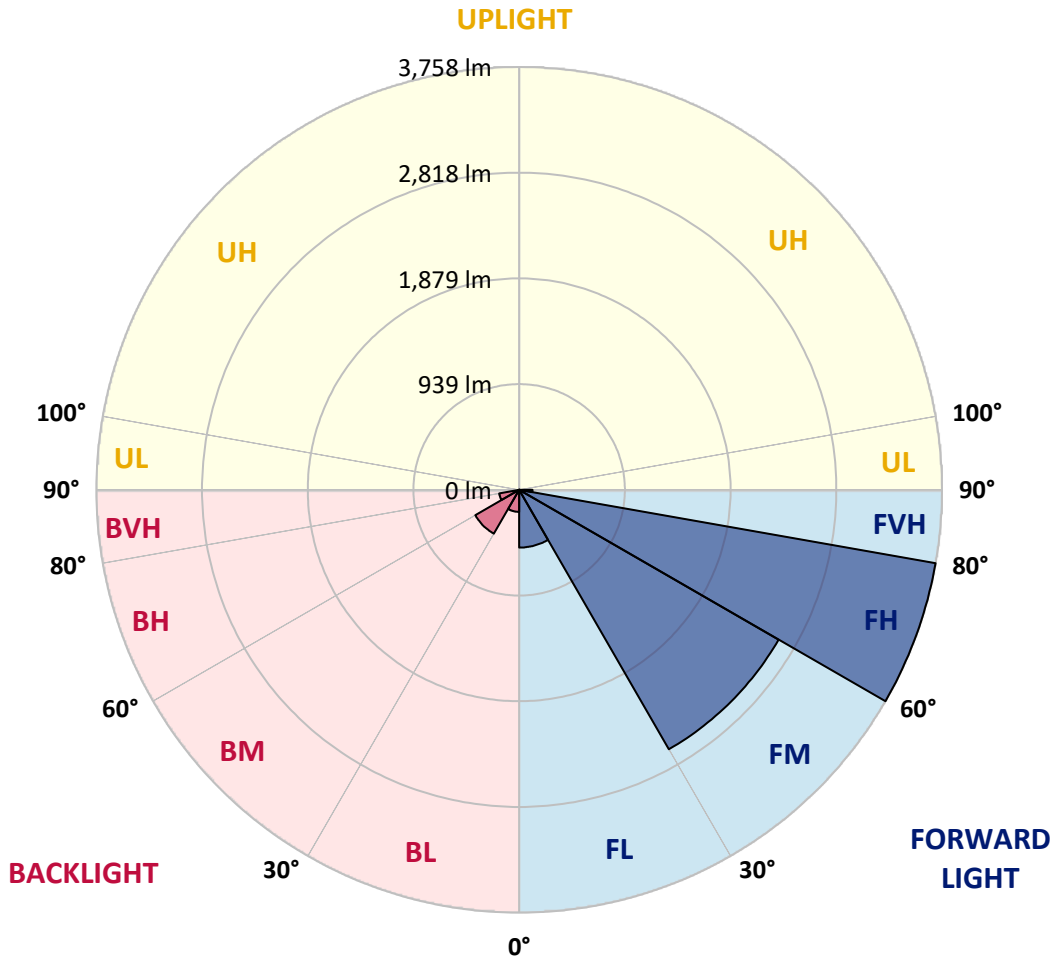
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	513.3	6.5			
FM	(30°-60°)	2662.3	33.8			
FH	(60°-80°)	3757.7	47.7			G2/5000
FVH	(80°-90°)	118.7	1.5			G2/225
BL	(0°-30°)	196.1	2.5	B1/500		
BM	(30°-60°)	450.3	5.7	B1/1000		
BH	(60°-80°)	180.5	2.3	B1/500		G1/500
BVH	(80°-90°)	1.0	0.0			G0/10
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°	45°	46°	55°	65°	75°	85°
0°	863.3	863.3	863.3	863.3	863.3	*863.3*	863.3	863.3	863.3	863.3	863.3
2.5°	942.9	944.5	943.4	937.0	926.2	*920.3*	917.1	906.3	899.3	886.9	874.0
5°	1029.5	1035.9	1032.2	1019.3	998.8	*984.3*	980.0	957.9	938.0	914.9	888.0
7.5°	1121.4	1124.7	1117.7	1101.0	1073.6	*1048.8*	1045.1	1014.4	982.7	947.2	910.6
10°	1201.0	1204.8	1194.1	1169.9	1138.7	*1108.0*	1102.6	1068.7	1031.1	987.5	940.7
12.5°	1267.7	1271.5	1257.5	1228.5	1194.1	*1162.3*	1156.9	1121.4	1080.0	1031.6	973.5
15°	1318.3	1325.3	1306.5	1275.3	1238.2	*1206.4*	1203.7	1168.8	1128.4	1074.7	1012.8
17.5°	1347.9	1354.9	1337.1	1299.5	1267.7	*1240.9*	1237.6	1208.6	1170.9	1119.3	1051.0
20°	1352.7	1359.2	1340.4	1307.5	1281.2	*1259.7*	1258.1	1237.1	1209.7	1160.2	1092.4
22.5°	1338.2	1346.3	1329.1	1302.7	1284.4	*1273.1*	1271.0	1259.1	1243.5	1201.6	1131.1
25°	1323.1	1329.6	1316.7	1293.6	1283.9	*1282.8*	1284.4	1282.3	1279.0	1243.5	1176.3
27.5°	1322.1	1329.1	1314.5	1292.5	1287.1	*1298.4*	1300.0	1310.2	1312.9	1281.7	1219.9
30°	1331.2	1336.1	1322.1	1298.9	1296.3	*1322.1*	1322.6	1340.9	1345.2	1314.0	1262.9
32.5°	1351.1	1356.5	1342.5	1308.6	1304.9	*1340.9*	1342.5	1366.7	1373.7	1348.4	1308.1
35°	1397.9	1404.4	1388.2	1335.5	1322.1	*1358.6*	1363.5	1392.0	1406.0	1385.0	1354.9
37.5°	1514.6	1495.8	1473.7	1389.8	1361.3	*1386.6*	1394.7	1428.0	1452.8	1428.6	1410.8
40°	1804.5	1745.4	1676.5	1482.4	1430.2	*1446.3*	1452.8	1486.1	1520.0	1496.3	1487.7
42.5°	2239.7	2169.7	2058.9	1695.3	1534.0	*1542.1*	1546.9	1575.9	1623.8	1605.0	1607.1
45°	2627.5	2602.2	2489.2	2058.9	1728.2	*1688.4*	1694.3	1709.3	1779.8	1772.8	1786.8
47.5°	2925.4	2910.9	2823.8	2476.3	2056.3	*1867.5*	1884.1	1891.1	1992.8	2017.5	2055.2
50°	3154.6	3149.2	3071.2	2847.4	2484.9	*2131.6*	2137.5	2122.4	2274.6	2335.9	2407.5
52.5°	3370.8	3389.1	3331.5	3192.2	2942.7	*2477.4*	2476.3	2405.3	2610.8	2703.3	2825.4
55°	3566.0	3572.5	3578.4	3544.0	3403.1	*2871.1*	2860.9	2744.7	3000.7	3096.5	3228.8
57.5°	3749.4	3752.1	3804.8	3875.3	3882.3	*3293.9*	3275.1	3135.7	3426.7	3495.0	3576.3
60°	3872.6	3885.0	3996.3	4192.1	4277.6	*3730.1*	3719.9	3577.9	3860.2	3892.0	3876.9
62.5°	3695.1	3770.4	4051.2	4439.5	4650.9	*4213.6*	4208.8	4075.4	4316.4	4290.5	4161.4
65°	2991.1	3118.5	3612.3	4606.8	5017.2	*4753.6*	4760.6	4618.6	4784.8	4700.9	4392.7
67.5°	2092.3	2226.8	2810.9	4620.2	5426.5	*5387.8*	5428.1	5205.4	5282.4	5094.1	4447.6
70°	1446.9	1516.2	1896.5	4330.9	5745.5	*6261.3*	6260.2	5926.2	5777.2	5273.2	4167.9
72.5°	*973.0*	*1009.0*	*1231.7*	*3435.9*	*5510.9*	*6780.3*	*6749.1*	*6477.0*	*5943.9*	*4931.7*	*3405.2*
75°	410.4	436.7	570.1	1930.9	4359.9	*6203.2*	6118.7	5723.9	5281.3	3883.4	2124.6
77.5°	130.2	141.5	224.8	691.2	2401.6	*4662.7*	4573.5	3574.6	3539.7	1948.1	776.7
80°	61.9	72.1	126.4	277.5	945.0	*2536.0*	2523.7	1621.7	1522.7	526.0	156.0
82.5°	26.9	31.7	69.9	148.5	422.8	*904.7*	923.0	551.8	456.6	199.5	47.9
85°	8.6	11.3	32.3	68.3	178.6	*224.8*	222.1	131.2	183.9	108.6	16.7
87.5°	0.0	0.0	10.8	15.6	18.3	*12.9*	14.5	11.3	51.1	30.1	5.9
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°	863.3	863.3	863.3	863.3	863.3	863.3	863.3	863.3	863.3	863.3	863.3
2.5°	867.6	859.0	843.9	829.9	817.6	805.2	797.7	786.9	785.8	785.8	788.5
5°	873.5	859.5	832.6	804.1	771.3	740.1	708.9	678.8	669.1	662.1	665.3
7.5°	890.7	868.6	826.2	771.8	709.4	641.1	593.3	541.6	521.7	511.0	512.6
10°	915.4	885.3	820.8	725.6	624.5	531.4	463.1	407.2	385.6	376.5	376.5
12.5°	942.9	905.8	811.1	668.0	531.4	420.1	353.4	327.6	324.3	324.3	324.3
15°	975.7	930.5	794.4	600.3	434.1	332.4	308.7	309.8	313.0	315.2	315.2
17.5°	1009.6	956.9	768.1	524.4	348.0	299.1	299.6	301.2	303.9	306.0	306.0
20°	1046.1	983.2	733.1	443.7	298.5	289.4	291.0	292.6	294.7	295.8	296.4
22.5°	1085.4	1008.0	691.7	364.7	281.8	281.3	281.8	283.5	286.1	286.1	287.2
25°	1127.4	1035.4	644.4	307.1	273.2	273.2	274.3	275.4	277.5	277.5	278.1
27.5°	1170.4	1060.7	594.3	277.0	265.7	265.2	265.2	266.8	267.9	268.4	268.9
30°	1217.7	1090.2	544.3	270.5	259.8	257.1	255.5	256.6	257.6	258.2	259.3
32.5°	1266.1	1118.8	499.7	273.2	253.9	249.0	243.7	242.6	242.6	244.7	246.3
35°	1319.9	1150.0	465.3	282.4	250.6	237.2	228.6	223.8	224.3	227.5	229.1
37.5°	1384.5	1187.6	440.0	290.4	248.5	223.8	209.8	203.9	200.1	203.9	202.8
40°	1468.9	1243.0	421.7	296.9	245.8	208.2	189.3	179.6	172.7	174.8	173.7
42.5°	1593.2	1330.1	414.7	297.4	239.9	189.9	168.4	155.4	145.2	145.8	143.6
45°	1767.4	1467.8	450.7	290.4	227.0	170.0	146.3	129.1	122.6	121.0	118.9
47.5°	2006.2	1668.5	534.1	275.9	208.2	150.6	124.8	110.3	105.4	102.7	101.1
50°	2326.3	1926.1	626.6	259.8	189.3	132.3	107.0	97.9	94.7	92.0	91.4
52.5°	2697.4	2187.5	702.4	243.7	170.5	116.2	95.7	90.4	87.7	85.5	85.0
55°	3037.9	2367.7	698.1	226.4	152.2	103.3	87.7	84.4	81.2	79.1	78.0
57.5°	3249.8	2393.0	575.5	207.6	131.2	93.1	80.1	78.0	74.2	71.5	71.0
60°	3347.1	2248.8	403.4	182.9	110.3	83.4	72.1	71.0	66.2	62.4	61.3
62.5°	3364.9	1981.0	268.9	152.2	92.0	74.2	64.0	62.4	55.9	49.5	46.3
65°	3292.8	1598.0	186.1	118.9	78.5	64.5	54.9	51.6	44.6	38.2	36.0
67.5°	3064.7	1122.0	129.6	85.5	66.7	51.1	43.6	42.5	37.1	31.7	30.1
70°	2646.8	639.5	86.6	64.0	52.7	35.0	34.4	35.5	30.1	25.8	23.7
72.5°	*2029.4*	*292.6*	*53.8*	*46.8*	*36.0*	*23.7*	*27.4*	*28.0*	*23.1*	*19.4*	*17.2*
75°	1194.6	125.3	33.9	30.1	18.3	15.6	19.9	20.4	15.6	12.4	10.8
77.5°	406.6	47.3	21.5	17.7	9.1	8.6	12.9	12.9	8.6	4.8	3.8
80°	92.5	17.7	10.8	7.0	4.3	3.8	4.3	3.8	2.2	0.5	0.0
82.5°	26.4	7.0	4.3	2.7	1.6	1.6	0.5	0.0	0.0	0.0	0.0
85°	7.5	3.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	0.5	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)