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: P1198307

Luminaire Tested: GPC-SB1C-735-U-T3R-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198307
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-6)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS WITI HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6268 lumens
Efficiency:	N/A
Efficacy:	115.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
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

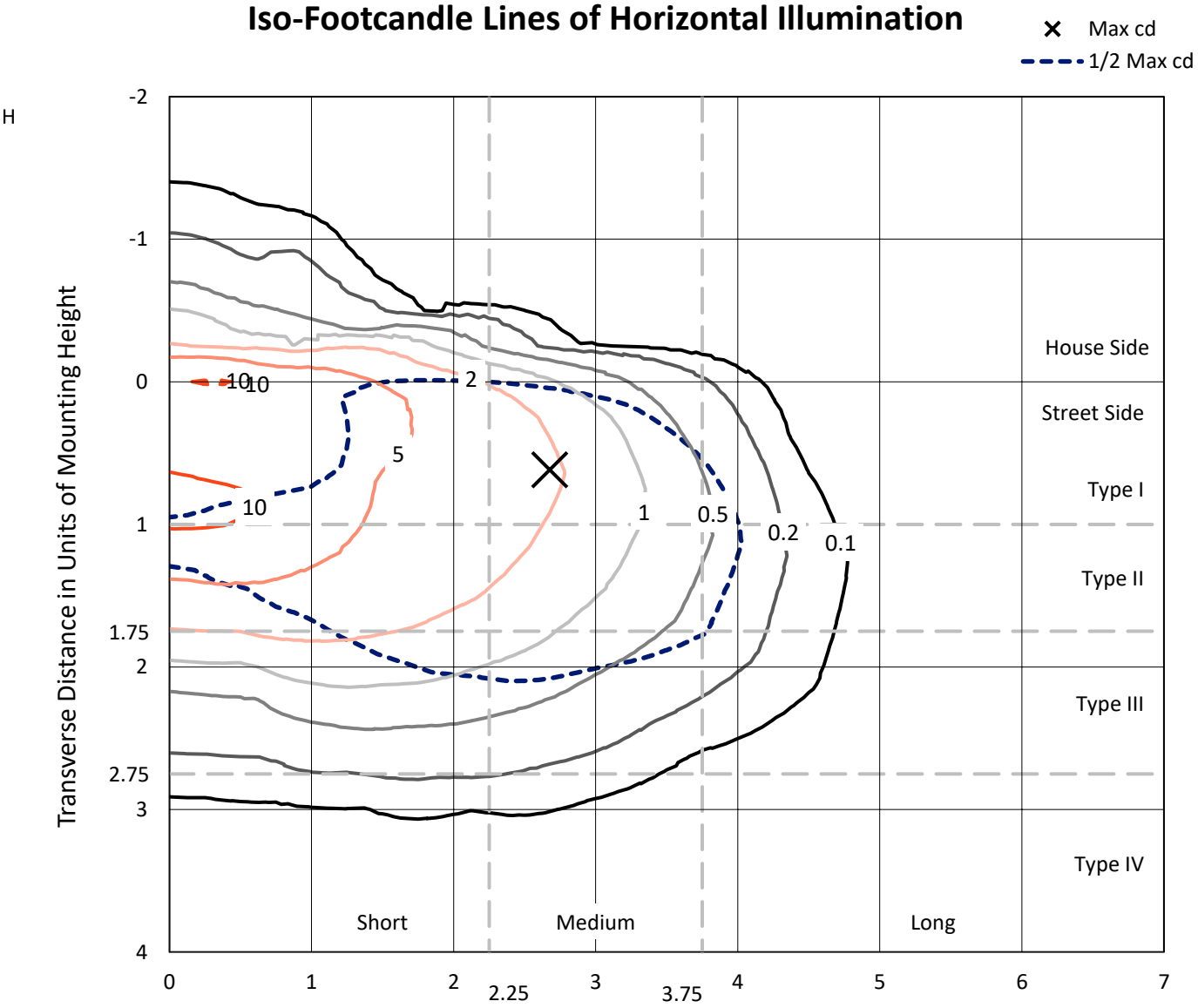


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Iso-Footcandle Lines of Horizontal Illumination



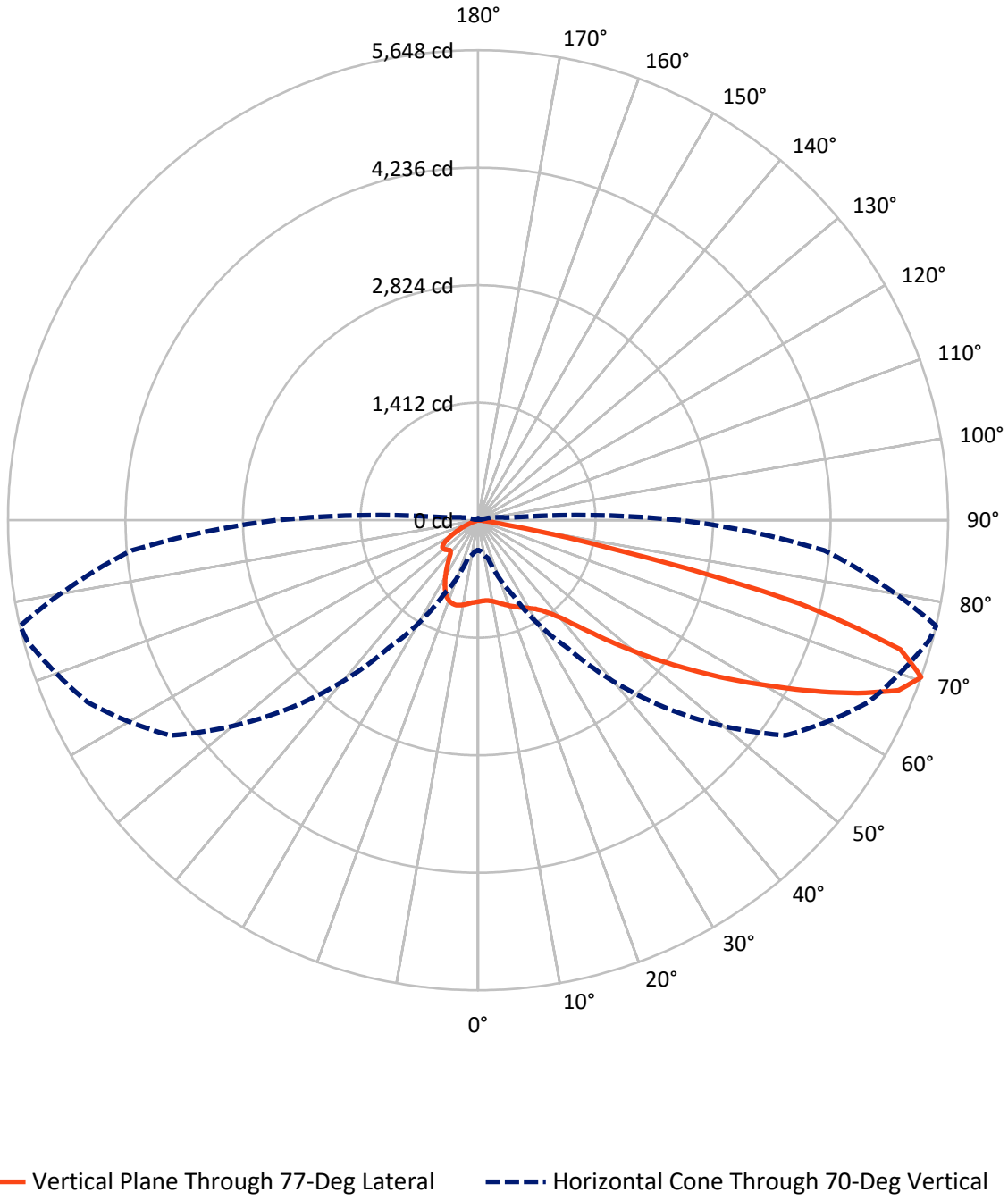
Based on 10 foot mounting height. Maximum calculated value = 11.5 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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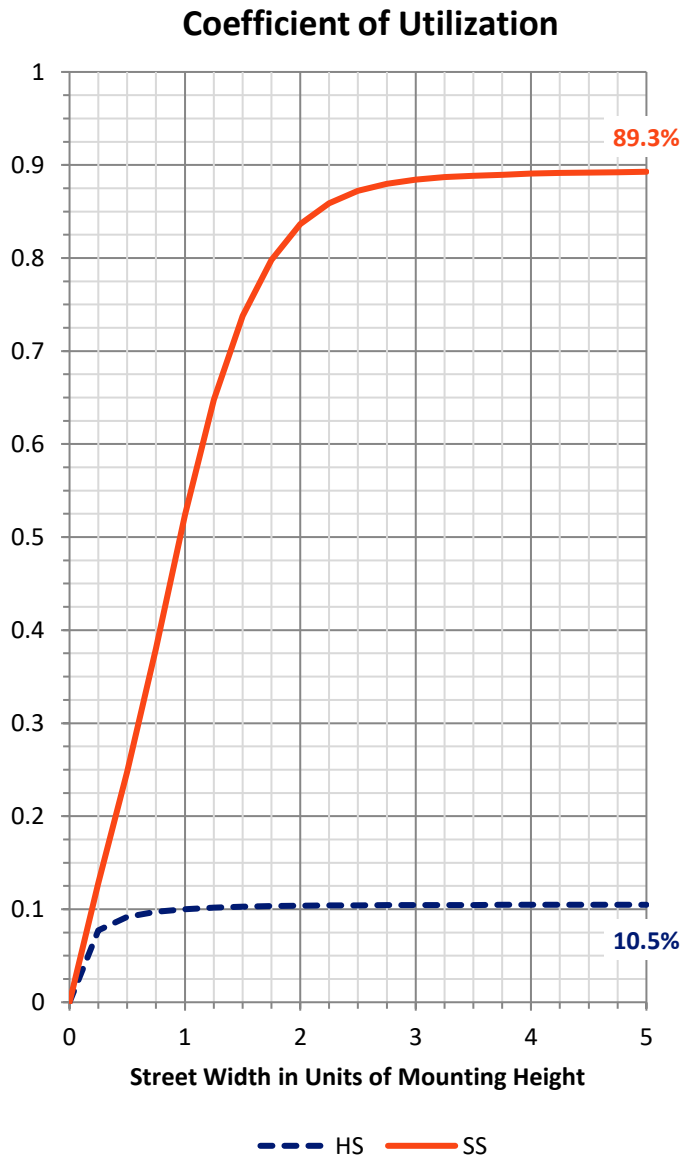
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	660.7	0.0	660.7
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	5607.3	0.0	5607.3
	% Fixture	89.5	0.0	89.5
Total	Lumens	6268.0	0.0	6268.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	1.3
10°-20°	200.0	3.2
20°-30°	309.4	4.9
30°-40°	561.4	9.0
40°-50°	1059.7	16.9
50°-60°	1531.2	24.4
60°-70°	1629.9	26.0
70°-80°	863.7	13.8
80°-90°	28.4	0.5
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°	6268.0	100.0
0°-180°	6268.0	100.0



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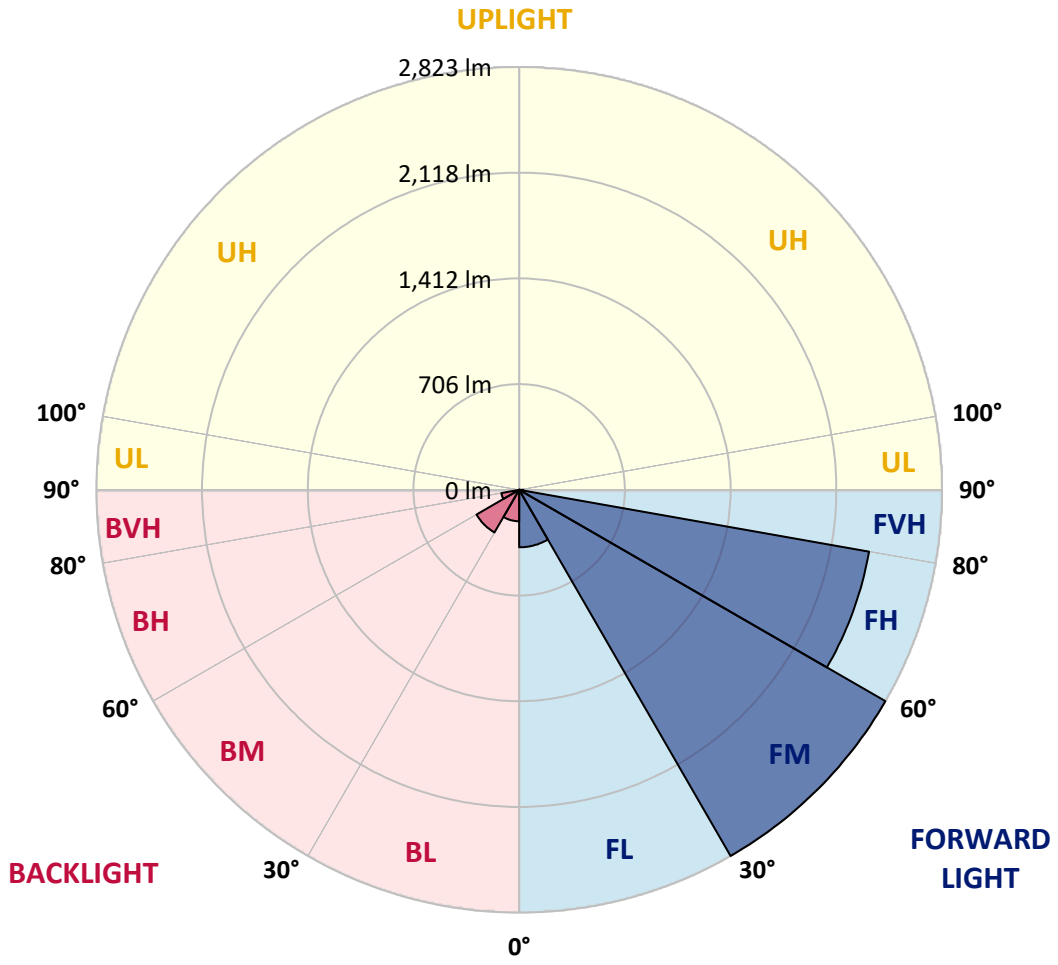
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	383.7	6.1			
FM	(30°-60°)	2823.4	45.0			
FH	(60°-80°)	2372.5	37.9			G2/5000
FVH	(80°-90°)	27.6	0.4			G1/100
BL	(0°-30°)	209.9	3.3	B1/500		
BM	(30°-60°)	328.9	5.2	B1/1000		
BH	(60°-80°)	121.1	1.9	B1/500		G1/500
BVH	(80°-90°)	0.8	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	977.7	977.7	977.7	977.7	977.7	977.7	977.7	977.7	977.7	*977.7*	977.7
2.5°	917.9	926.2	925.0	930.6	932.6	940.5	948.4	959.1	971.0	*970.6*	978.5
5°	866.1	874.4	876.4	883.9	893.4	905.7	921.9	943.3	965.4	*969.0*	984.8
7.5°	804.7	813.4	818.6	833.6	851.0	876.4	902.9	934.2	971.0	*976.1*	1006.6
10°	743.4	751.3	758.0	779.4	807.1	844.7	887.8	933.0	982.4	*990.0*	1033.1
12.5°	705.4	712.9	720.4	739.0	773.4	819.4	877.9	938.5	1001.4	*1012.1*	1069.1
15°	691.9	698.6	704.6	721.2	753.3	805.5	876.0	950.0	1025.6	*1039.8*	1112.7
17.5°	693.9	697.4	701.4	714.1	745.3	799.2	879.5	969.8	1054.1	*1066.8*	1156.2
20°	705.4	707.3	707.7	716.4	744.2	798.4	886.7	988.8	1081.0	*1098.0*	1199.4
22.5°	720.0	720.8	720.0	725.9	751.7	804.3	896.2	1011.7	1111.1	*1126.9*	1242.9
25°	788.5	773.4	754.4	743.0	764.3	815.8	910.4	1042.6	1143.9	*1159.4*	1285.3
27.5°	1001.0	957.9	889.8	813.4	790.5	832.4	930.2	1073.9	1177.2	*1191.0*	1330.8
30°	1346.2	1289.6	1174.0	1001.8	874.4	867.3	955.9	1105.2	1212.4	*1227.5*	1379.5
32.5°	1692.2	1678.3	1544.9	1306.6	1063.2	944.8	998.7	1147.5	1259.1	*1271.0*	1445.2
35°	2042.1	2014.0	1904.7	1669.2	1354.1	1102.8	1069.9	1202.9	1320.5	*1333.9*	1541.0
37.5°	2310.1	2293.0	2225.3	2031.4	1699.3	1346.6	1191.8	1288.8	1409.5	*1424.6*	1663.7
40°	2546.8	2538.8	2515.9	2388.0	2085.2	1665.6	1381.4	1421.8	1533.0	*1550.9*	1814.1
42.5°	2732.8	2751.4	2764.5	2728.8	2483.0	2029.8	1636.4	1608.6	1705.2	*1723.4*	2005.7
45°	2923.2	2929.5	2982.2	3033.6	2878.1	2410.6	1923.7	1827.5	1919.4	*1941.9*	2235.2
47.5°	3045.5	3070.8	3163.5	3254.1	3210.2	2788.2	2232.5	2086.0	2167.6	*2209.9*	2492.5
50°	3054.6	3102.5	3230.0	3387.9	3452.0	3147.6	2568.1	2380.5	2467.2	*2513.9*	2767.2
52.5°	2903.0	2977.4	3174.9	3406.1	3582.6	3452.0	2915.3	2675.0	2786.2	*2847.2*	3052.2
55°	2225.7	2323.1	2967.9	3307.1	3587.8	3682.8	3253.3	2981.8	3141.7	*3210.6*	3360.2
57.5°	1939.2	1988.2	2333.4	3135.4	3492.4	3775.8	3558.9	3273.9	3528.4	*3613.9*	3651.1
60°	1613.4	1677.9	1957.0	2854.3	3363.0	3784.9	3828.8	3650.7	3947.6	*4043.8*	3917.9
62.5°	1096.4	1166.5	1444.0	2371.4	3186.0	3780.6	4050.1	4038.6	4413.5	*4516.8*	4143.9
65°	679.2	723.2	906.0	1936.4	2938.6	3785.3	4281.7	4509.7	4905.1	*5010.0*	4318.9
67.5°	536.7	556.9	652.3	1486.7	2512.3	3678.4	4512.8	4952.6	5367.8	*5450.9*	4372.3
70°	*360.6*	*372.9*	*474.6*	*996.7*	*1869.1*	*3185.2*	*4508.5*	*5175.1*	*5606.1*	*5647.7*	*4177.6*
72.5°	190.0	199.5	277.5	461.5	1128.9	2264.1	3800.3	4909.1	5369.0	*5306.5*	3570.8
75°	95.0	110.8	186.8	234.3	482.1	1262.7	2359.9	3870.4	4225.9	*3983.6*	2291.1
77.5°	72.0	87.1	154.4	154.4	167.8	425.1	999.5	2110.9	1947.1	*1621.3*	672.5
80°	45.9	59.4	135.0	116.8	70.1	108.1	260.5	591.4	413.6	*314.7*	122.3
82.5°	26.9	38.8	112.4	77.2	39.2	40.0	73.6	125.9	107.3	*83.5*	37.6
85°	10.7	25.3	77.2	30.5	15.4	9.9	22.2	26.9	22.2	*16.6*	9.5
87.5°	0.0	5.9	13.5	0.0	1.2	0.8	1.6	2.0	2.0	*1.6*	3.2
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°	977.7	977.7	977.7	977.7	977.7	977.7	977.7	977.7	977.7	977.7	977.7
2.5°	982.0	982.8	985.2	985.6	980.1	972.9	970.2	969.0	964.2	963.8	964.6
5°	993.9	997.5	993.9	983.6	959.1	924.7	898.5	877.2	857.8	851.8	848.3
7.5°	1017.7	1021.2	1010.5	970.2	908.4	839.9	778.2	734.7	695.5	680.8	674.9
10°	1051.7	1056.5	1022.8	941.3	832.0	722.0	617.5	543.9	486.5	463.1	453.2
12.5°	1094.5	1096.4	1029.5	897.3	732.7	575.5	427.5	348.7	297.7	278.7	272.7
15°	1141.6	1138.8	1030.3	837.6	597.3	406.9	279.1	229.2	208.6	202.3	202.3
17.5°	1191.0	1179.6	1014.5	751.3	448.9	278.3	207.0	195.1	191.6	190.0	189.6
20°	1239.7	1214.0	985.6	638.5	322.2	207.8	188.0	184.5	182.5	181.7	180.9
22.5°	1284.1	1240.1	936.1	507.5	233.9	183.7	177.7	174.6	171.0	169.4	169.0
25°	1327.2	1255.2	866.5	385.1	187.2	171.8	167.0	161.1	156.4	154.4	153.6
27.5°	1369.2	1264.7	779.4	285.0	167.0	160.7	152.0	143.7	140.1	139.3	138.5
30°	1413.9	1267.8	680.4	212.6	154.8	146.9	134.2	124.7	122.7	123.1	123.1
32.5°	1468.5	1272.6	580.7	174.2	144.5	130.2	115.2	105.3	103.7	105.3	104.9
35°	1533.8	1282.1	484.5	160.3	135.4	113.2	97.0	88.7	87.1	88.3	87.9
37.5°	1622.5	1297.5	394.6	157.5	127.9	99.0	81.5	74.8	74.8	75.2	74.8
40°	1740.5	1338.7	314.3	155.6	123.9	88.3	68.9	66.1	67.3	68.1	68.1
42.5°	1884.1	1426.2	260.1	153.2	119.5	83.5	62.5	61.4	63.3	64.1	64.1
45°	2045.2	1537.0	241.1	149.2	115.6	86.7	59.8	58.2	60.6	61.0	61.4
47.5°	2211.9	1645.5	238.7	144.9	111.6	91.4	59.0	55.4	58.2	58.6	59.0
50°	2380.5	1716.3	241.1	138.1	105.3	91.4	59.4	52.6	55.0	56.2	56.6
52.5°	2550.3	1748.8	239.5	123.5	94.2	85.9	59.4	50.3	52.6	53.4	53.4
55°	2715.0	1742.4	215.3	101.7	80.0	76.0	57.8	48.3	49.9	50.3	50.3
57.5°	2845.2	1654.2	170.6	79.2	64.9	63.3	52.6	45.9	47.1	46.7	46.7
60°	2913.3	1460.2	121.9	61.0	51.1	49.9	46.3	42.7	43.5	41.6	41.2
62.5°	2914.1	1203.7	81.5	48.3	40.8	39.6	39.6	38.4	37.6	33.6	32.5
65°	2851.9	919.1	54.2	38.4	32.9	30.9	33.2	32.9	30.1	24.5	23.7
67.5°	2711.0	602.4	41.2	30.1	25.3	24.1	26.5	27.7	25.7	20.6	20.2
70°	*2421.3*	*350.7*	*34.0*	*23.4*	*19.0*	*17.8*	*21.4*	*23.7*	*21.4*	*16.6*	*15.8*
72.5°	2011.2	189.2	27.7	17.4	13.1	11.9	17.0	19.4	17.0	12.3	11.9
75°	1305.0	101.3	21.4	11.5	6.7	7.5	12.7	14.2	11.9	7.9	7.1
77.5°	438.2	44.7	13.5	5.5	3.2	3.2	7.5	8.7	5.5	2.8	2.4
80°	97.8	18.6	5.5	2.4	1.2	1.2	1.6	1.6	0.8	0.0	0.0
82.5°	32.1	7.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.3	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	0.4	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)