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: P1198303

Luminaire Tested: GPC-SB1C-735-U-T2R-HSS

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198303
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-4)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1C-735-U-T2R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6375 lumens
Efficiency:	N/A
Efficacy:	117.2 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

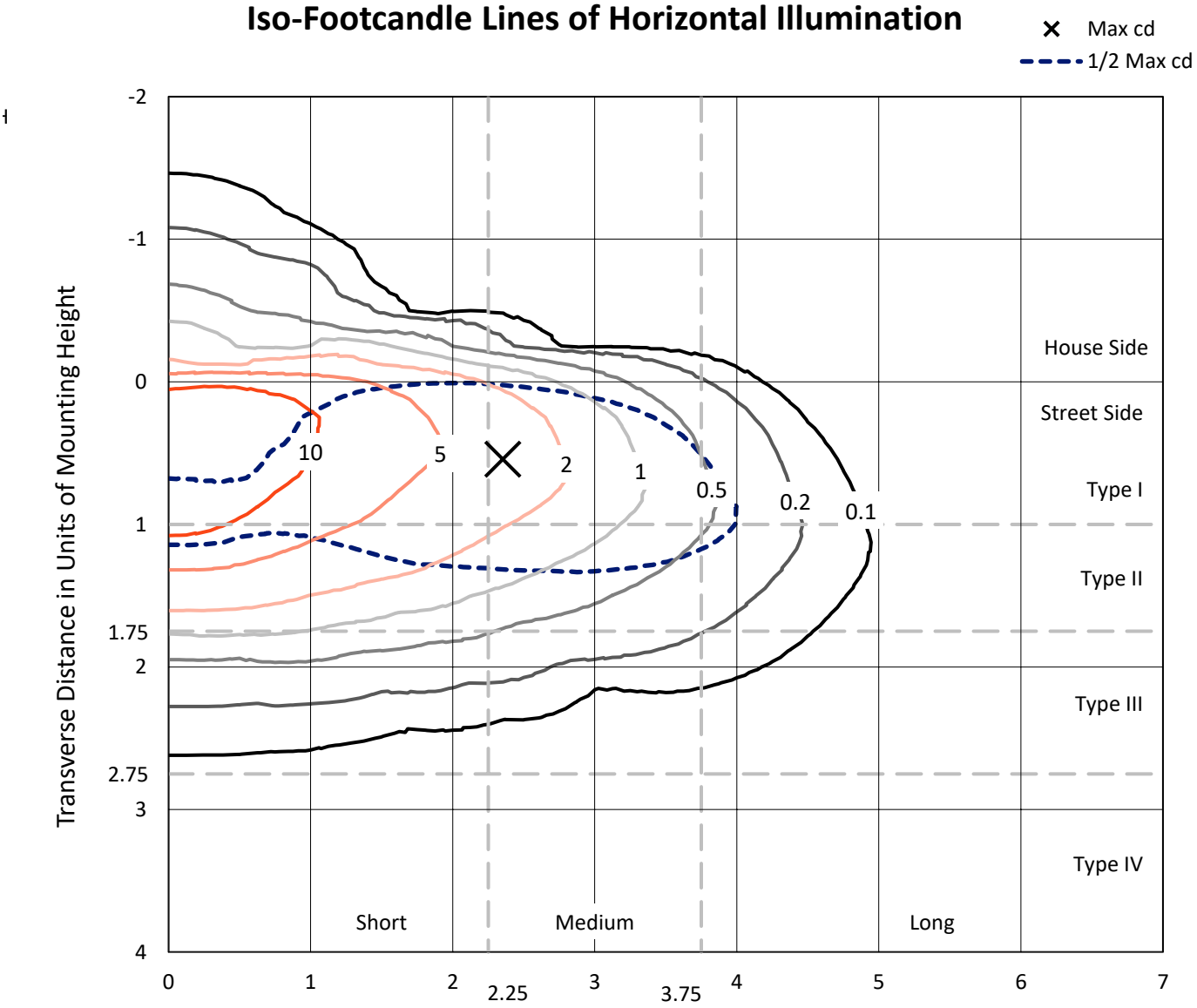


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Iso-Footcandle Lines of Horizontal Illumination



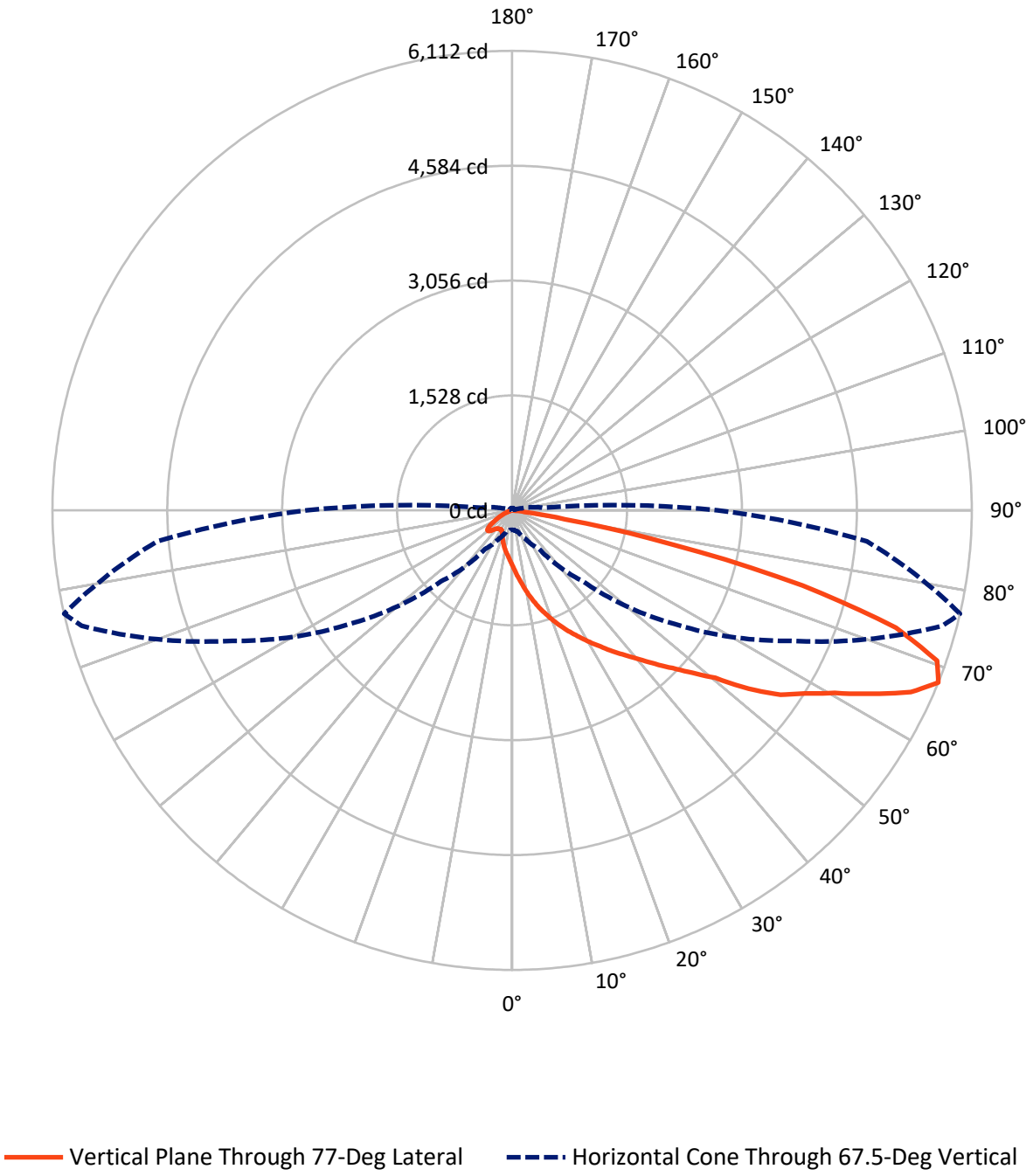
Based on 10 foot mounting height. Maximum calculated value = 17.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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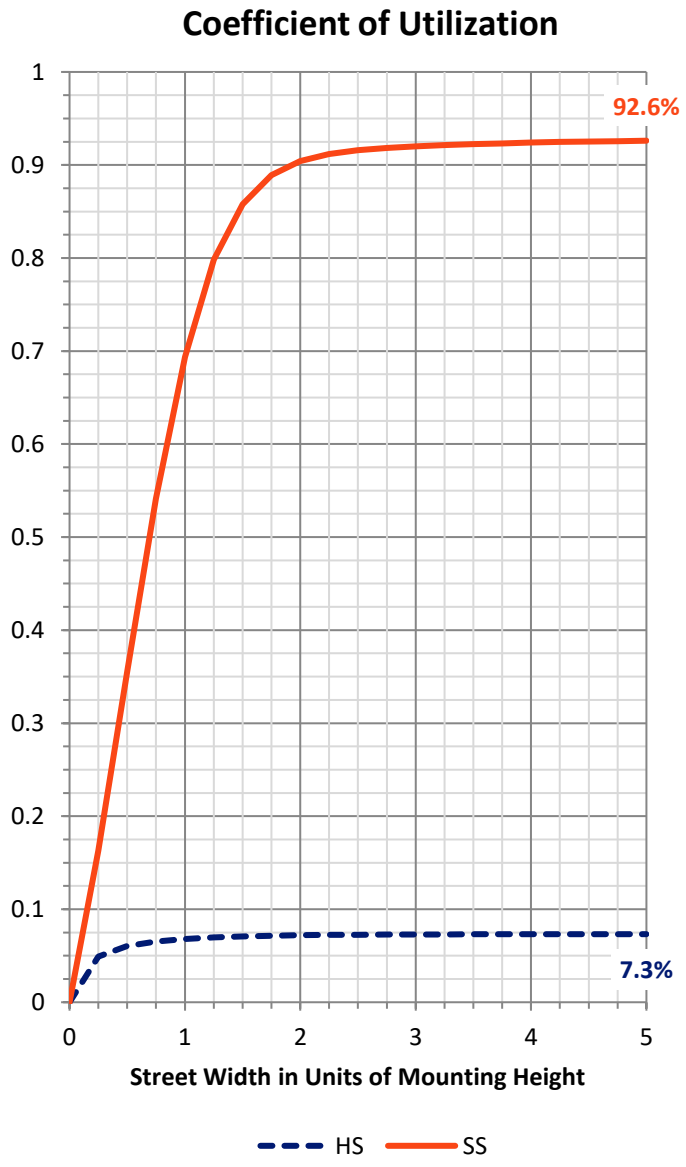
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	469.0	0.0	469.0
	% Fixture	7.4	0.0	7.4
Street Side	Lumens	5906.0	0.0	5906.0
	% Fixture	92.6	0.0	92.6
Total	Lumens	6375.0	0.0	6375.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.0	1.2
10°-20°	262.8	4.1
20°-30°	507.0	8.0
30°-40°	880.3	13.8
40°-50°	1278.1	20.0
50°-60°	1467.7	23.0
60°-70°	1274.3	20.0
70°-80°	600.2	9.4
80°-90°	29.7	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°	6375.0	100.0
0°-180°	6375.0	100.0



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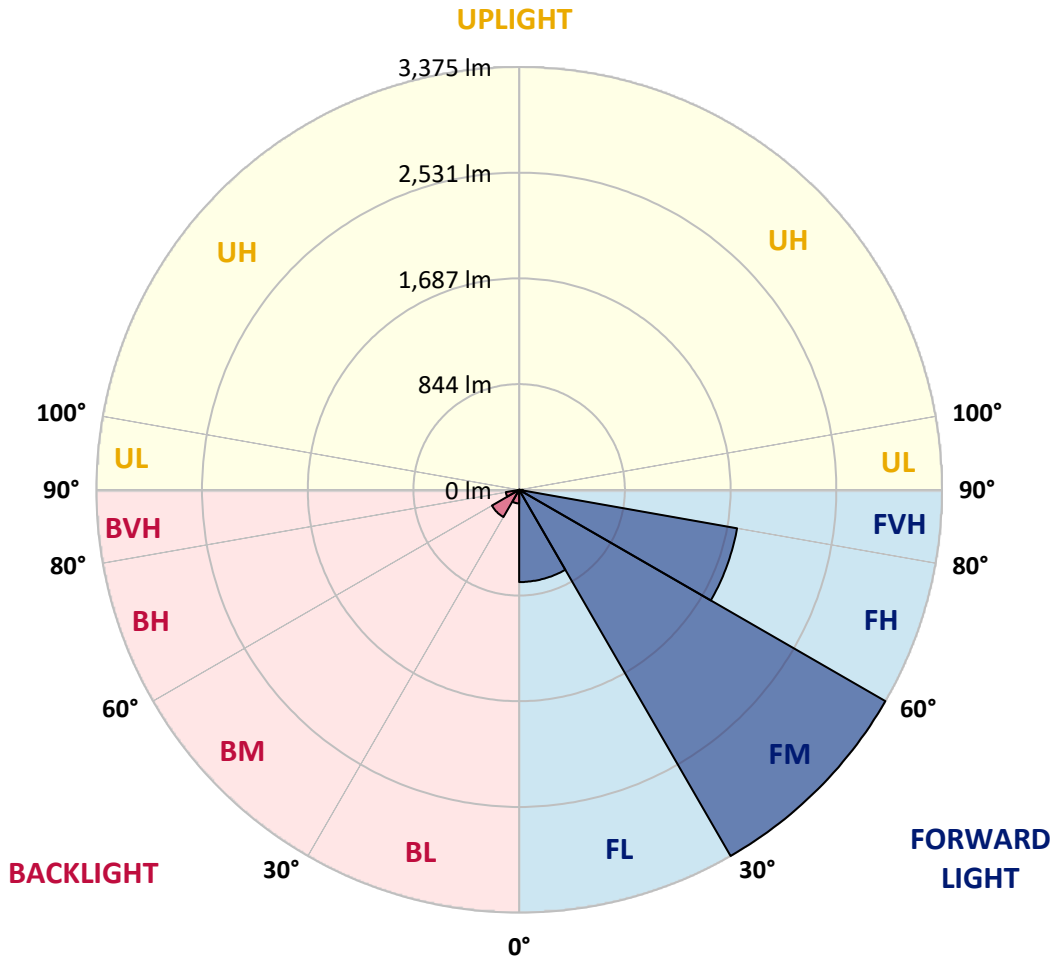
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	736.2	11.5			
FM	(30°-60°)	3374.8	52.9			
FH	(60°-80°)	1765.9	27.7			G1/1800
FVH	(80°-90°)	29.1	0.5			G1/100
BL	(0°-30°)	108.6	1.7	B0/110		
BM	(30°-60°)	251.3	3.9	B1/1000		
BH	(60°-80°)	108.6	1.7	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	*735.1*	735.1
2.5°	1017.8	1024.1	1015.0	997.6	971.5	954.4	912.9	873.7	830.1	*816.3*	772.7
5°	1240.7	1246.2	1235.9	1216.9	1182.1	1148.8	1094.2	1012.2	927.1	*899.8*	822.6
7.5°	1405.7	1408.9	1404.9	1387.5	1354.3	1316.7	1255.7	1158.7	1032.4	*1002.3*	884.0
10°	1524.5	1534.8	1533.6	1526.9	1504.7	1474.2	1409.3	1298.9	1150.4	*1111.6*	953.3
12.5°	1603.3	1614.8	1621.5	1636.5	1635.3	1615.9	1558.9	1442.2	1268.0	*1222.4*	1031.2
15°	1626.2	1638.5	1664.2	1699.1	1730.0	1739.9	1699.9	1582.7	1397.4	*1339.2*	1111.2
17.5°	1613.2	1632.2	1663.1	1718.1	1785.8	1830.5	1826.1	1718.5	1515.0	*1448.5*	1189.6
20°	1642.1	1660.3	1684.4	1730.7	1809.5	1890.7	1923.1	1848.3	1631.8	*1562.1*	1271.9
22.5°	1802.0	1798.8	1801.2	1808.7	1855.8	1936.2	2003.1	1966.3	1747.4	*1676.1*	1359.0
25°	2055.4	2041.1	2017.0	1976.2	1964.3	2003.1	2072.8	2070.8	1869.3	*1792.9*	1448.1
27.5°	2345.9	2343.6	2286.9	2188.8	2133.3	2118.3	2151.6	2172.5	1990.0	*1908.5*	1537.6
30°	2624.2	2630.6	2554.2	2444.9	2343.2	2284.2	2254.1	2269.1	2112.8	*2033.2*	1629.8
32.5°	2866.5	2873.2	2790.1	2662.2	2536.3	2465.1	2401.7	2364.5	2246.6	*2159.9*	1731.1
35°	3071.2	3077.9	2982.5	2841.2	2707.0	2642.4	2570.8	2469.0	2381.2	*2300.4*	1844.0
37.5°	3254.1	3252.1	3124.2	2981.7	2849.9	2798.8	2761.2	2597.7	2519.7	*2441.7*	1969.1
40°	3362.1	3370.4	3261.2	3104.0	2976.2	2938.9	2936.6	2757.2	2679.6	*2604.0*	2106.0
42.5°	3393.8	3408.4	3329.3	3200.2	3084.2	3043.8	3106.0	2929.8	2865.7	*2792.1*	2260.8
45°	3336.8	3351.0	3315.0	3225.6	3157.9	3131.7	3251.7	3108.8	3064.4	*2991.6*	2435.4
47.5°	3170.5	3188.3	3197.0	3178.0	3177.3	3203.8	3382.3	3297.2	3300.4	*3225.9*	2637.7
50°	2848.7	2878.8	2958.7	3026.0	3130.1	3260.8	3509.4	3501.5	3566.4	*3502.3*	2901.3
52.5°	2263.6	2306.3	2581.9	2765.9	2999.9	3250.1	3649.1	3829.3	4033.1	*3939.3*	3273.1
55°	1819.0	1819.0	2043.1	2387.5	2745.8	3179.6	3710.1	4042.2	4351.0	*4328.8*	3534.7
57.5°	1482.9	1500.7	1643.7	1948.1	2378.0	3011.8	3747.7	4176.0	4607.1	*4590.9*	3790.5
60°	915.3	953.7	1223.6	1524.1	1959.6	2712.9	3724.0	4311.4	4917.9	*4931.0*	4098.4
62.5°	515.4	529.7	650.0	1096.6	1523.7	2311.1	3542.2	4387.0	5315.4	*5370.8*	4415.9
65°	355.9	363.0	409.3	682.5	1056.2	1840.0	3187.2	4339.9	5713.6	*5825.6*	4685.1
67.5°	*258.5*	*262.1*	*291.0*	*416.9*	*626.7*	*1334.1*	*2630.6*	*4102.4*	*5924.6*	*6111.8*	*4736.6*
70°	198.7	201.1	222.1	273.9	370.1	823.4	1910.5	3630.1	5771.8	*5995.5*	4472.9
72.5°	161.5	163.9	180.1	202.7	245.4	486.9	1157.9	2948.0	5097.2	*5338.7*	3807.9
75°	136.2	139.3	154.0	168.6	192.4	312.7	543.1	2053.0	3833.2	*3991.6*	2648.0
77.5°	75.6	69.7	125.1	139.7	162.3	197.9	254.1	1208.2	2146.8	*2190.7*	1174.9
80°	47.1	48.7	99.4	112.4	124.7	99.8	116.4	465.1	744.2	*707.0*	227.6
82.5°	2.8	6.3	76.4	81.2	85.5	42.8	43.9	158.0	179.3	*164.7*	40.4
85°	0.0	0.0	34.8	28.1	29.7	12.3	12.7	36.8	24.1	*26.1*	7.9
87.5°	0.0	0.0	0.0	0.8	0.0	1.2	2.4	3.2	1.2	*1.6*	2.8
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°	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1	735.1
2.5°	745.0	717.3	661.1	606.1	561.3	519.8	490.1	462.0	447.7	446.9	446.1
5°	767.6	709.4	597.0	497.6	417.6	353.5	311.9	282.3	267.2	262.1	261.3
7.5°	799.3	711.8	540.8	402.6	308.4	253.4	229.6	220.1	216.9	213.4	212.6
10°	839.2	717.3	490.5	324.2	243.1	215.4	205.9	201.9	199.5	197.1	196.4
12.5°	884.0	722.5	440.6	269.2	213.8	199.5	192.8	188.0	184.9	182.1	181.3
15°	927.5	725.6	388.7	230.8	198.7	187.2	180.1	175.0	170.6	167.5	167.1
17.5°	970.7	730.0	340.1	207.8	186.5	175.0	167.8	161.5	158.0	154.4	154.0
20°	1018.6	729.2	294.1	191.6	174.2	162.7	155.2	149.2	145.7	141.7	141.3
22.5°	1062.9	725.2	253.8	177.7	161.5	150.4	142.1	136.2	132.6	129.4	129.1
25°	1114.0	722.1	220.1	165.1	149.6	138.6	129.4	123.9	119.9	117.2	116.8
27.5°	1163.1	717.3	195.6	153.6	138.2	127.5	118.8	112.4	108.9	106.9	106.9
30°	1211.4	716.1	186.5	142.5	127.9	117.2	108.5	102.5	99.8	99.0	98.6
32.5°	1269.6	719.3	190.4	138.6	118.4	107.7	99.4	95.0	92.2	92.2	92.2
35°	1331.7	718.5	196.4	142.1	112.0	98.2	91.8	89.1	86.3	86.3	86.3
37.5°	1409.7	719.7	201.1	148.1	109.7	90.3	86.7	83.1	81.5	81.5	81.5
40°	1526.1	758.9	198.7	153.2	108.9	84.7	77.6	76.4	75.2	75.2	75.2
42.5°	1668.6	844.0	201.9	153.6	108.5	80.8	71.3	73.6	70.9	70.5	70.1
45°	1824.6	937.0	222.1	145.3	108.1	78.8	68.1	70.9	66.5	66.5	66.5
47.5°	1979.4	1029.3	242.7	133.4	106.9	78.4	65.3	63.7	62.5	62.9	62.9
50°	2192.7	1104.5	250.6	117.2	104.1	77.6	60.2	60.6	59.8	60.6	60.6
52.5°	2425.1	1120.3	241.1	99.0	96.2	75.2	56.6	58.2	57.8	58.6	58.6
55°	2570.0	1103.3	199.1	82.3	83.9	65.7	53.0	56.2	56.2	56.2	56.2
57.5°	2719.6	1030.8	141.3	66.9	69.7	53.8	49.9	54.2	53.8	53.4	53.4
60°	2827.3	913.7	93.0	55.0	55.4	44.3	46.3	51.1	50.7	48.7	48.7
62.5°	2907.7	784.2	59.8	46.7	42.4	40.0	42.4	46.3	44.7	40.4	39.6
65°	2898.6	604.9	45.9	40.0	34.8	34.8	36.8	40.4	35.6	28.5	27.7
67.5°	*2729.5*	*409.3*	*38.0*	*33.6*	*29.3*	*28.9*	*30.5*	*33.6*	*30.5*	*24.1*	*23.4*
70°	2427.5	267.6	30.5	26.1	23.4	21.4	24.5	28.9	25.7	19.4	18.6
72.5°	1970.2	163.1	23.0	19.0	17.0	13.9	19.4	23.8	20.6	14.3	13.5
75°	1274.7	83.1	15.8	12.3	9.1	8.3	14.3	17.8	14.3	8.7	7.5
77.5°	487.7	34.8	8.7	5.5	4.8	4.0	7.9	10.7	5.9	2.0	1.6
80°	93.8	14.6	4.4	2.8	2.4	1.6	1.2	0.8	0.0	0.0	0.0
82.5°	16.2	4.8	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	0.0	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)