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: P1198780

Luminaire Tested: GPC-SB1D-735-U-T2R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198780
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-3)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-735-U-T2R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10420 lumens
Efficiency:	N/A
Efficacy:	130.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - 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

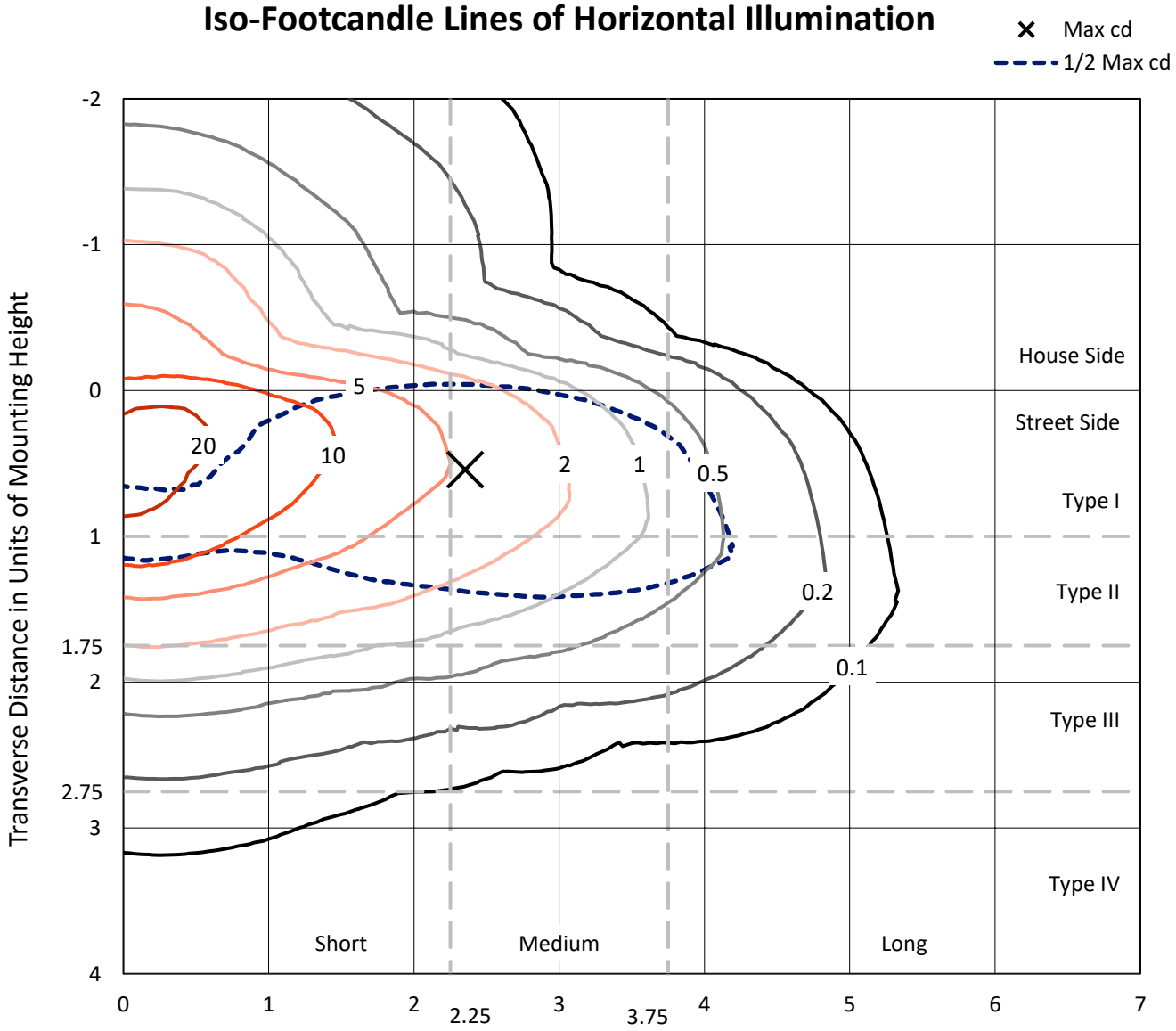


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Iso-Footcandle Lines of Horizontal Illumination



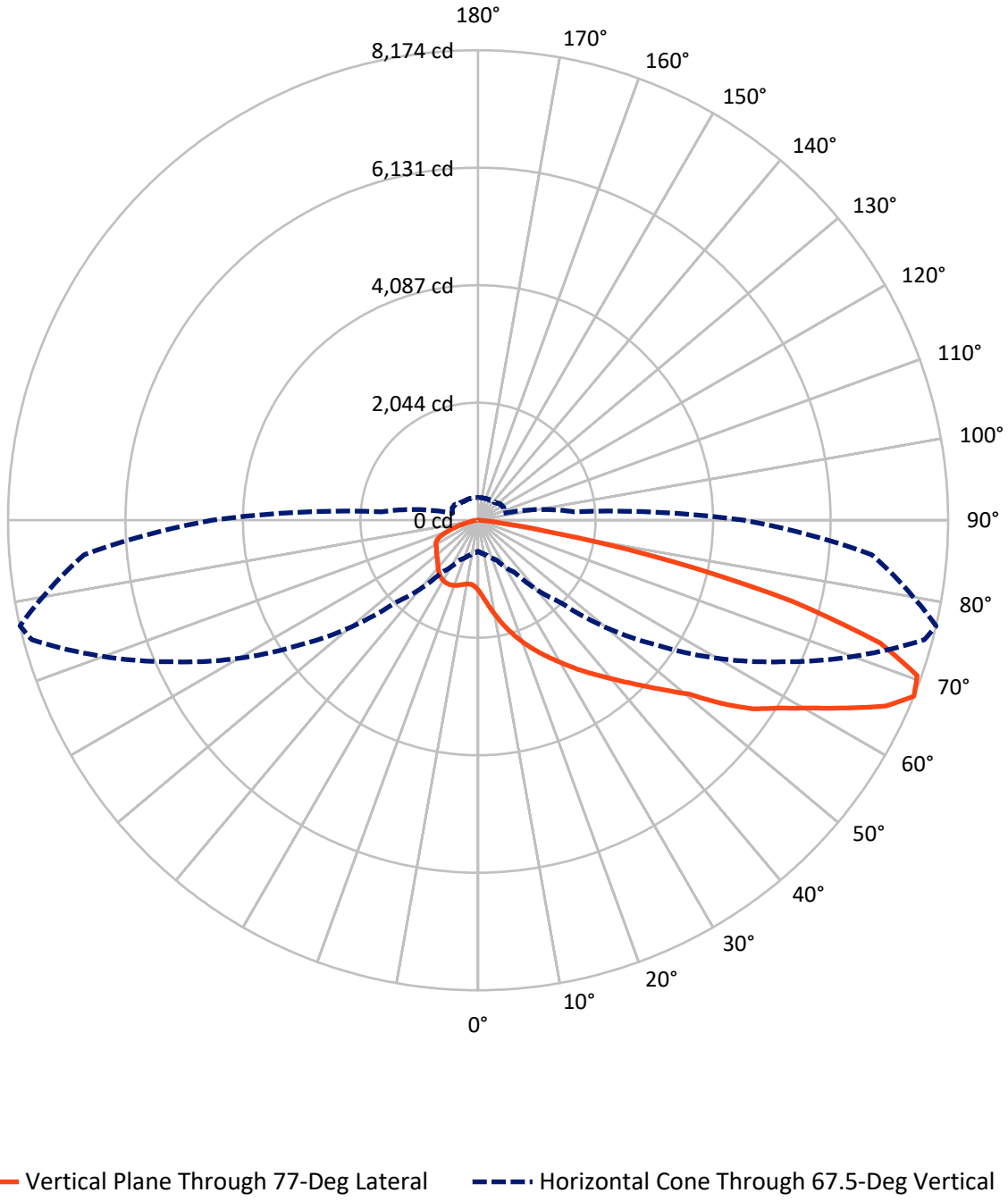
Based on 10 foot mounting height. Maximum calculated value = 23.9 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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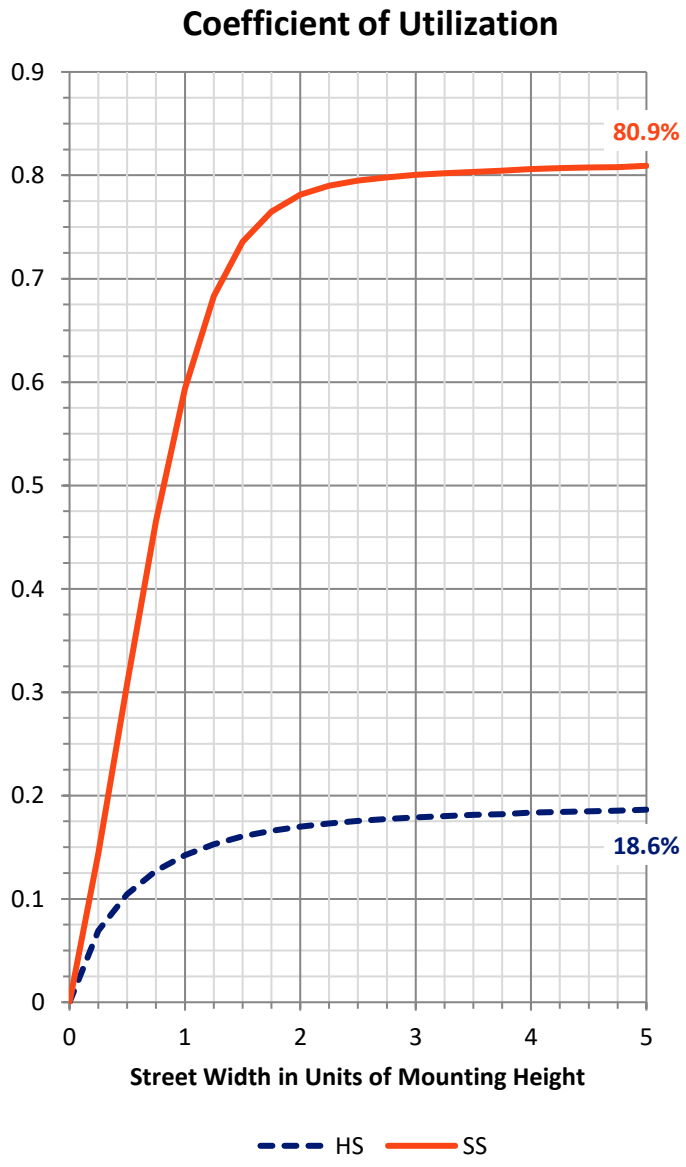
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1971.1	0.0	1971.1
	% Fixture	18.9	0.0	18.9
Street Side	Lumens	8449.0	0.0	8449.0
	% Fixture	81.1	0.0	81.1
Total	Lumens	10420.0	0.0	10420.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.0	1.3
10°-20°	470.8	4.5
20°-30°	888.9	8.5
30°-40°	1432.0	13.7
40°-50°	1958.7	18.8
50°-60°	2209.5	21.2
60°-70°	2062.3	19.8
70°-80°	1130.5	10.8
80°-90°	136.4	1.3
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°	10420.0	100.0
0°-180°	10420.0	100.0



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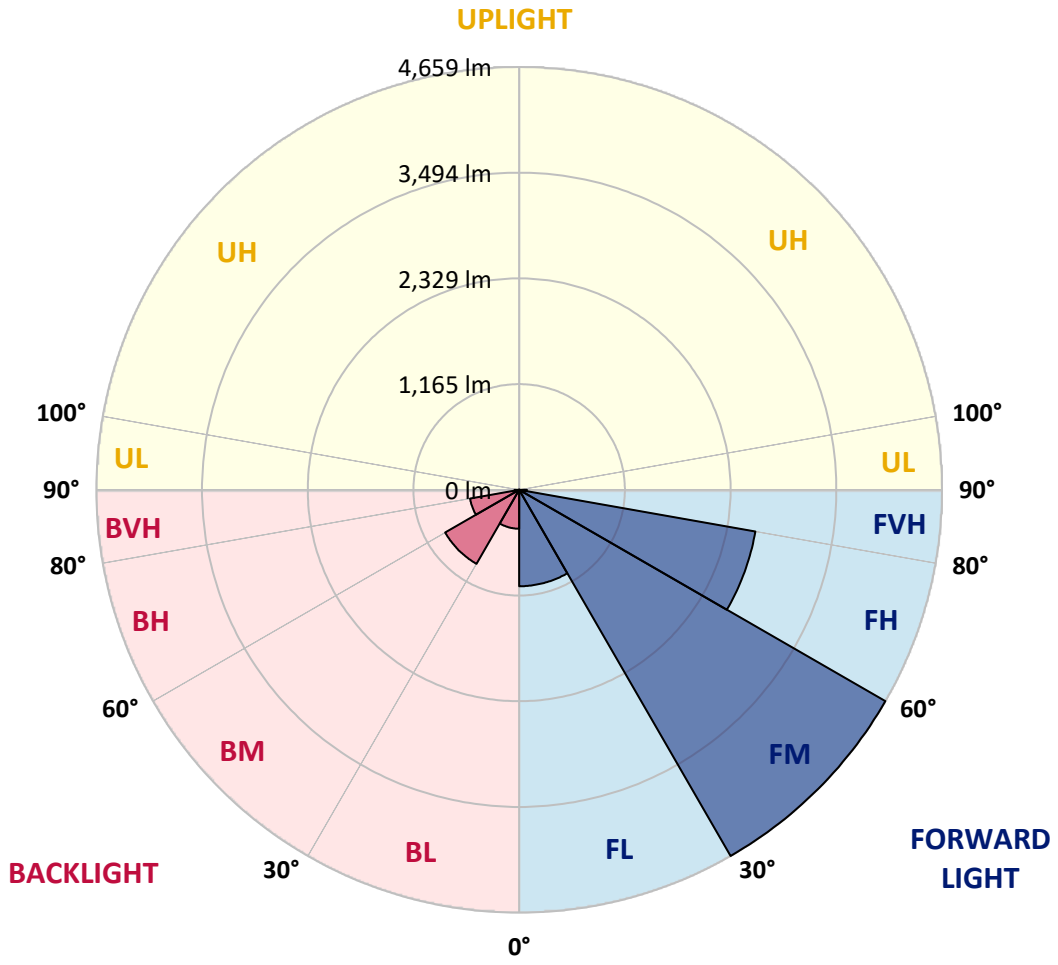
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1062.2	10.2			
FM	(30°-60°)	4658.7	44.7			
FH	(60°-80°)	2642.8	25.4			G2/5000
FVH	(80°-90°)	85.3	0.8			G1/100
BL	(0°-30°)	428.6	4.1	B1/500		
BM	(30°-60°)	941.5	9.0	B1/1000		
BH	(60°-80°)	549.9	5.3	B2/1000		G2/1000
BVH	(80°-90°)	51.1	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	*1222.6*	1222.6
2.5°	1530.8	1541.5	1528.1	1528.1	1482.9	1459.3	1414.1	1379.6	1317.8	*1307.0*	1266.2
5°	1809.4	1822.9	1804.0	1796.0	1742.7	1693.8	1617.9	1543.2	1432.9	*1421.6*	1325.3
7.5°	2025.1	2042.3	2025.6	2017.0	1969.7	1914.8	1826.1	1721.7	1566.3	*1544.2*	1404.9
10°	2201.0	2203.7	2198.3	2201.5	2164.4	2119.2	2028.3	1906.8	1712.6	*1682.5*	1501.2
12.5°	2300.5	2312.9	2323.6	2343.0	2336.5	2308.6	2226.8	2081.6	1867.5	*1828.8*	1606.1
15°	2347.3	2368.8	2393.0	2437.6	2473.7	2480.7	2418.3	2269.3	2025.1	*1978.3*	1712.1
17.5°	2364.0	2384.4	2422.6	2487.1	2564.6	2616.8	2588.8	2451.6	2181.1	*2127.3*	1823.4
20°	2448.4	2454.3	2477.5	2538.8	2622.7	2709.3	2730.3	2627.0	2335.5	*2274.7*	1938.5
22.5°	2629.1	2617.3	2623.8	2651.7	2712.0	2795.9	2843.7	2781.9	2494.1	*2424.2*	2054.7
25°	2927.7	2893.2	2858.8	2826.5	2857.2	2904.5	2958.9	2936.8	2660.3	*2571.6*	2171.9
27.5°	3304.7	3262.7	3186.9	3080.9	3043.8	3060.5	3084.7	3080.4	2814.2	*2724.3*	2293.0
30°	3675.8	3626.9	3536.5	3383.2	3285.3	3241.2	3222.9	3210.6	2981.4	*2885.7*	2415.1
32.5°	3972.2	3933.5	3844.7	3673.1	3531.1	3455.8	3395.1	3351.0	3156.3	*3060.5*	2544.1
35°	4231.5	4195.4	4093.8	3906.6	3752.2	3672.1	3592.5	3498.3	3338.1	*3241.2*	2682.9
37.5°	4468.1	4432.1	4292.8	4098.1	3942.6	3887.2	3816.2	3656.5	3520.4	*3429.0*	2829.8
40°	4617.7	4609.6	4479.4	4258.9	4097.5	4070.1	4046.4	3839.9	3722.6	*3637.6*	2991.1
42.5°	4655.8	4673.6	4570.3	4389.1	4235.2	4213.2	4268.6	4047.5	3949.6	*3868.4*	3174.0
45°	4563.9	4615.0	4547.2	4424.0	4333.1	4321.3	4465.4	4274.5	4200.8	*4126.6*	3394.5
47.5°	4331.0	4417.6	4389.6	4372.4	4359.5	4410.6	4638.6	4515.5	4485.3	*4420.8*	3646.3
50°	3860.9	4024.9	4073.9	4182.5	4307.3	4480.0	4796.2	4778.5	4817.7	*4752.7*	3952.8
52.5°	3048.1	3274.0	3558.0	3830.2	4147.0	4456.8	4969.4	5156.1	5321.7	*5286.2*	4440.2
55°	2516.2	2617.8	2836.2	3335.4	3836.1	4359.5	5047.4	5461.0	5822.0	*5790.2*	4809.7
57.5°	2107.4	2198.3	2332.8	2749.6	3366.0	4138.4	5095.8	5647.1	6164.6	*6161.4*	5174.4
60°	1669.0	1765.3	1903.0	2198.3	2816.9	3756.5	5085.1	5859.1	6601.9	*6628.8*	5619.2
62.5°	1174.2	1280.1	1432.9	1708.3	2255.8	3261.7	4865.6	6012.4	7116.6	*7189.8*	6154.4
65°	771.9	841.8	956.9	1194.6	1680.9	2625.4	4446.6	6032.3	7667.4	*7791.1*	6656.7
67.5°	*541.1*	*568.0*	*635.8*	*764.9*	*1108.0*	*2013.3*	*3779.1*	*5826.3*	*8034.8*	*8174.1*	*6874.6*
70°	422.2	435.7	470.1	521.7	696.0	1353.8	2895.9	5290.5	7956.2	*8101.5*	6647.1
72.5°	364.7	377.6	390.5	397.0	466.9	835.9	1961.6	4423.5	7216.7	*7315.1*	5779.5
75°	330.8	334.0	344.8	342.6	356.1	542.2	1132.2	3222.9	5693.9	*5660.1*	4266.4
77.5°	278.1	282.4	300.1	297.4	316.3	370.6	587.9	2080.0	3691.4	*3461.2*	2374.7
80°	235.6	237.7	257.1	253.9	274.9	268.4	300.1	1060.2	1565.8	*1326.4*	684.7
82.5°	81.8	101.1	196.3	202.2	209.8	162.4	173.2	432.5	478.2	*366.3*	143.6
85°	39.8	42.5	100.0	142.0	141.5	81.8	84.4	154.4	150.6	*118.3*	47.9
87.5°	6.5	8.1	11.8	55.4	44.1	21.5	29.0	30.1	31.2	*26.9*	10.8
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°	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6	1222.6
2.5°	1236.0	1209.1	1152.7	1100.5	1059.6	1020.3	998.3	979.5	968.7	966.6	966.6
5°	1269.4	1214.0	1111.2	1024.7	968.2	926.2	904.2	890.2	883.2	878.9	878.3
7.5°	1317.3	1236.0	1089.7	991.3	932.1	902.0	890.7	888.6	888.0	888.6	890.2
10°	1383.4	1272.1	1087.6	983.2	933.8	917.1	916.5	917.1	919.2	919.8	920.3
12.5°	1455.0	1309.2	1096.2	990.2	954.2	945.0	943.4	942.9	944.5	945.6	946.1
15°	1532.9	1358.1	1110.7	1005.3	976.8	967.1	965.5	962.3	961.7	961.2	960.6
17.5°	1613.1	1406.5	1126.8	1021.4	991.3	977.9	971.9	964.4	958.5	956.9	958.5
20°	1694.3	1454.4	1138.1	1029.5	992.4	973.6	961.7	948.8	938.6	932.7	934.8
22.5°	1780.9	1504.4	1145.1	1027.3	982.7	956.9	935.4	920.3	904.7	894.5	895.0
25°	1865.4	1548.0	1144.6	1016.0	963.9	931.1	903.6	884.3	862.8	852.0	852.0
27.5°	1946.6	1587.3	1131.2	996.1	937.0	900.4	867.6	844.5	823.5	813.3	812.7
30°	2030.5	1620.1	1110.2	967.1	905.2	864.9	828.9	809.0	790.1	780.5	779.9
32.5°	2113.8	1650.2	1080.6	931.1	868.7	829.9	794.4	776.2	764.9	764.9	765.4
35°	2202.1	1671.2	1041.3	889.1	829.9	792.8	764.9	754.1	753.0	746.6	745.0
37.5°	2295.1	1684.6	993.5	846.1	791.8	756.8	748.2	735.3	724.5	710.5	708.4
40°	2393.0	1698.1	935.9	801.4	751.4	732.0	728.3	711.1	680.4	646.0	641.1
42.5°	2511.9	1707.2	876.2	756.8	708.9	702.5	707.8	678.3	629.3	603.5	604.0
45°	2649.6	1722.3	821.3	712.7	665.4	665.4	687.9	649.2	608.9	592.7	595.4
47.5°	2828.1	1757.2	770.2	664.3	625.0	635.8	643.8	614.3	591.7	571.8	571.2
50°	3086.3	1841.1	717.5	615.3	594.4	615.9	604.6	587.4	561.0	544.9	543.3
52.5°	3406.9	1890.6	670.7	571.2	568.0	589.5	573.4	557.2	537.3	515.8	511.5
55°	3625.3	1899.8	631.5	539.0	550.2	548.1	542.2	527.7	516.9	488.4	488.9
57.5°	3869.5	1918.1	599.2	519.6	539.0	515.3	513.1	500.8	486.8	467.4	461.0
60°	4161.5	1946.6	571.2	512.1	529.3	493.8	483.0	478.2	464.2	454.5	457.2
62.5°	4480.0	1972.4	542.7	513.1	518.0	472.8	456.7	455.0	446.4	443.2	443.2
65°	4697.3	1901.9	507.2	512.1	500.2	451.3	430.8	430.3	423.3	422.2	421.7
67.5°	*4621.4*	*1678.7*	*459.3*	*497.0*	*481.9*	*429.8*	*407.2*	*405.0*	*395.9*	*396.4*	*396.4*
70°	4241.7	1360.3	393.2	459.9	459.3	410.4	382.4	375.4	363.1	365.2	367.4
72.5°	3529.5	1008.0	304.4	398.0	423.3	392.6	353.9	342.6	327.0	329.2	328.6
75°	2549.0	685.3	221.6	302.8	368.4	371.7	326.0	306.6	287.8	291.0	292.1
77.5°	1304.3	388.3	163.0	208.7	289.4	337.8	300.7	274.9	270.6	300.7	296.4
80°	425.5	194.7	113.0	146.3	189.9	276.5	263.6	234.0	232.9	239.9	206.0
82.5°	126.9	82.3	72.6	96.3	104.9	211.9	227.5	177.0	152.2	160.3	165.7
85°	43.6	39.8	41.4	47.9	50.0	124.2	159.2	117.3	110.8	122.1	120.5
87.5°	10.2	14.0	11.8	10.8	10.8	30.1	61.9	48.9	67.8	45.2	43.6
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)