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: P1198783

Luminaire Tested: GPC-SB1D-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:	P1198783
	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-SB1D-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA 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:	8517 lumens
Efficiency:	N/A
Efficacy:	107.0 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):	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

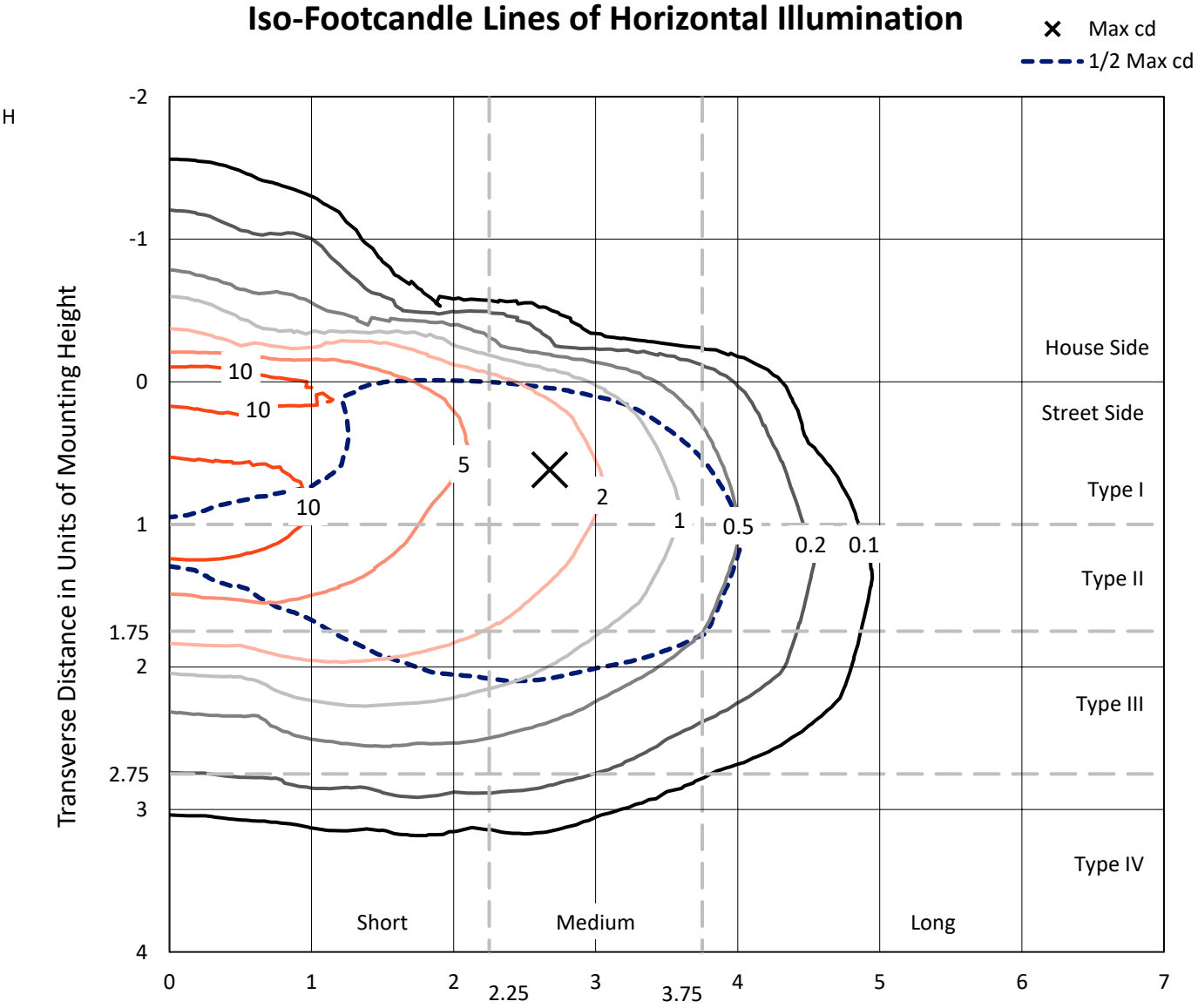


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Iso-Footcandle Lines of Horizontal Illumination



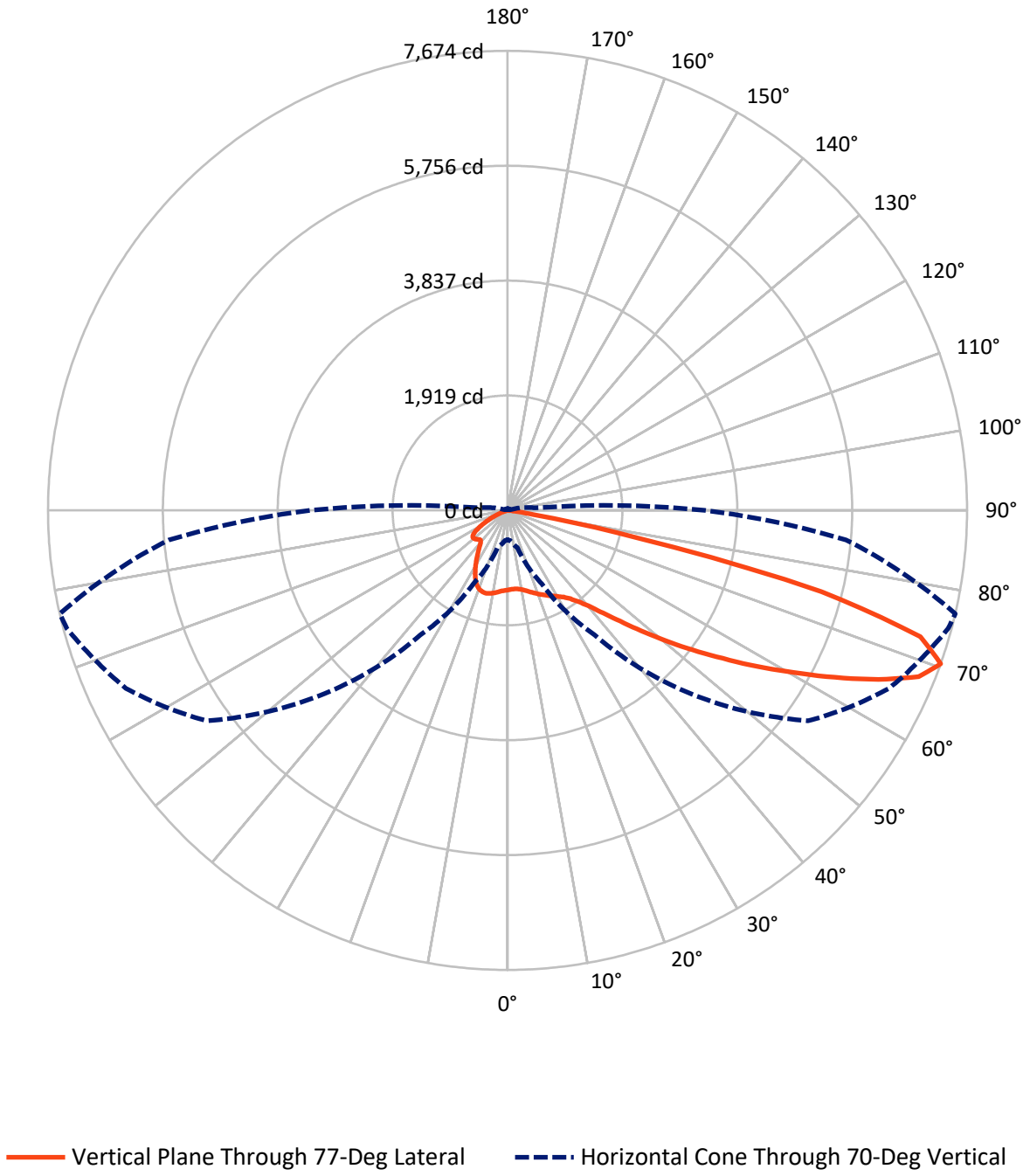
Based on 10 foot mounting height. Maximum calculated value = 15.6 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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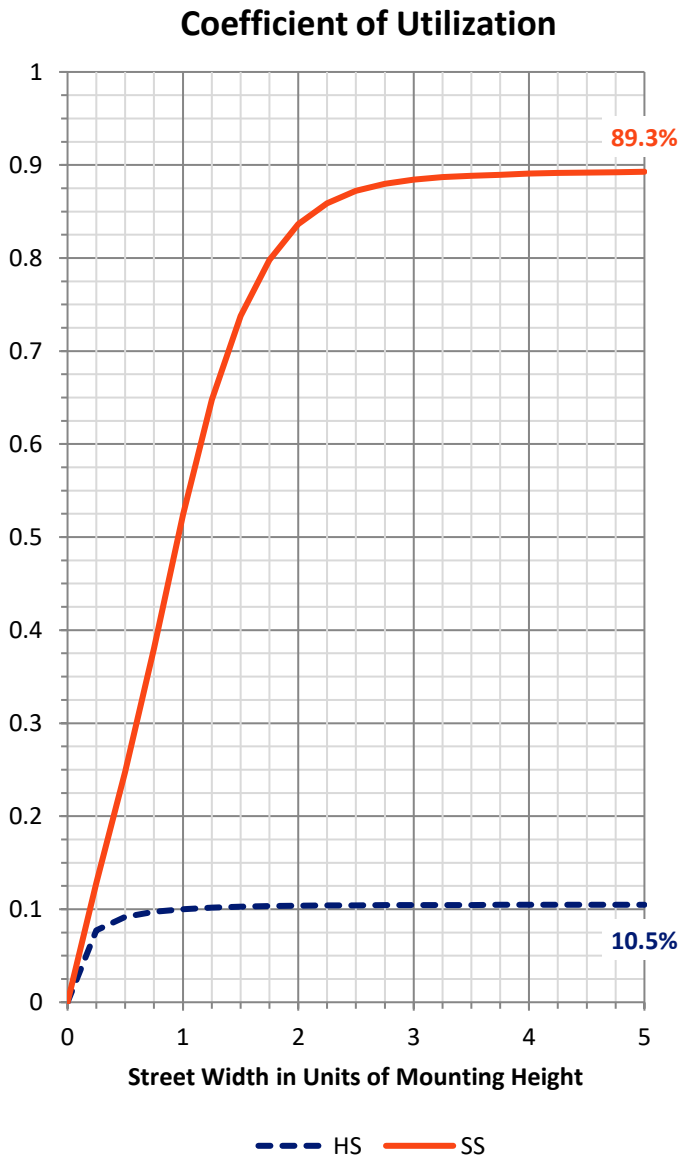
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	897.8	0.0	897.8
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	7619.2	0.0	7619.2
	% Fixture	89.5	0.0	89.5
Total	Lumens	8517.0	0.0	8517.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.5	1.3
10°-20°	271.8	3.2
20°-30°	420.4	4.9
30°-40°	762.8	9.0
40°-50°	1439.9	16.9
50°-60°	2080.6	24.4
60°-70°	2214.7	26.0
70°-80°	1173.7	13.8
80°-90°	38.5	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°	8517.0	100.0
0°-180°	8517.0	100.0



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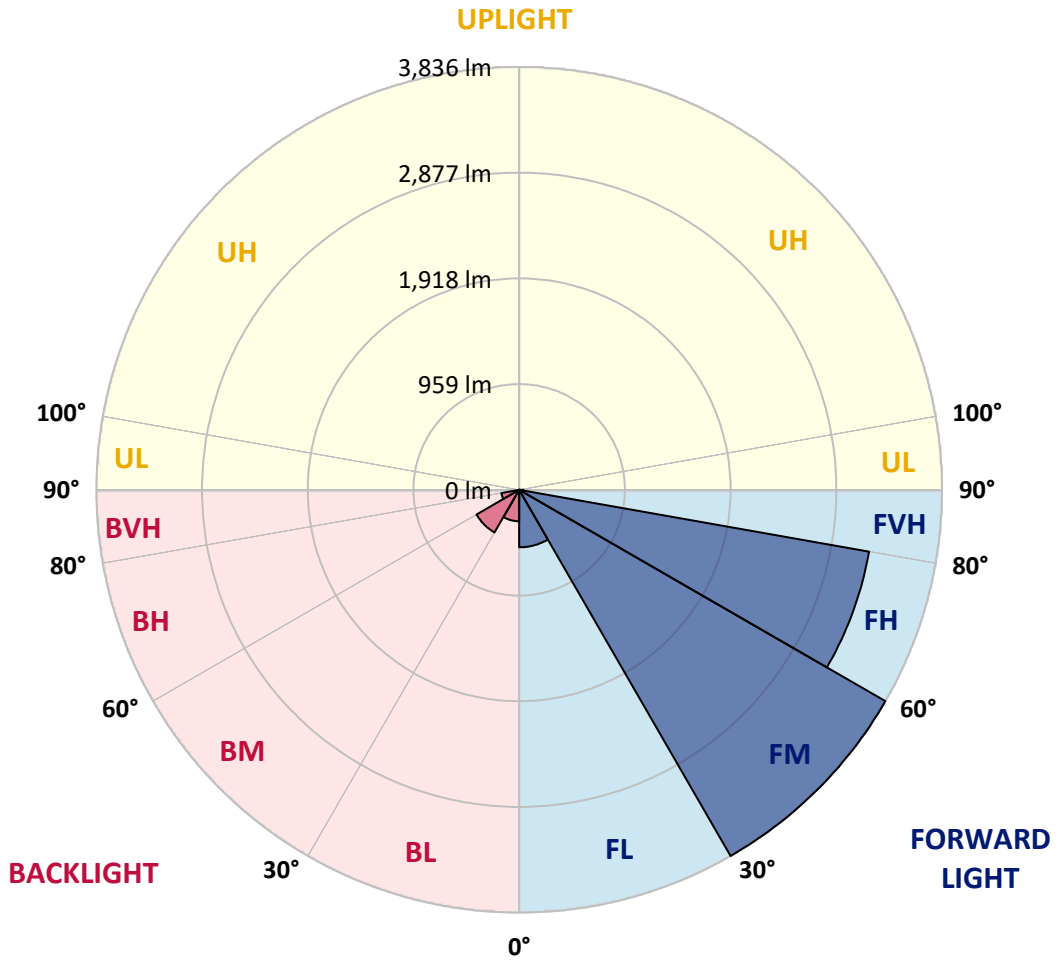
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	521.4	6.1			
FM	(30°-60°)	3836.4	45.0			
FH	(60°-80°)	3223.8	37.9			G2/5000
FVH	(80°-90°)	37.5	0.4			G1/100
BL	(0°-30°)	285.3	3.3	B1/500		
BM	(30°-60°)	446.9	5.2	B1/1000		
BH	(60°-80°)	164.6	1.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	*1328.5*	1328.5
2.5°	1247.3	1258.6	1257.0	1264.5	1267.2	1277.9	1288.7	1303.2	1319.4	*1318.8*	1329.6
5°	1176.8	1188.1	1190.8	1201.0	1213.9	1230.6	1252.7	1281.7	1311.8	*1316.7*	1338.2
7.5°	1093.5	1105.3	1112.3	1132.7	1156.4	1190.8	1226.8	1269.3	1319.4	*1326.3*	1367.8
10°	1010.1	1020.8	1030.0	1059.0	1096.7	1147.8	1206.4	1267.7	1335.0	*1345.2*	1403.8
12.5°	958.5	968.7	978.9	1004.2	1051.0	1113.4	1193.0	1275.3	1360.8	*1375.3*	1452.7
15°	940.2	949.3	957.4	980.0	1023.5	1094.5	1190.3	1290.8	1393.6	*1412.9*	1511.9
17.5°	942.9	947.7	953.1	970.3	1012.8	1085.9	1195.1	1317.7	1432.3	*1449.5*	1571.1
20°	958.5	961.1	961.7	973.5	1011.2	1084.9	1204.8	1343.6	1468.9	*1492.0*	1629.7
22.5°	978.4	979.4	978.4	986.4	1021.4	1092.9	1217.7	1374.8	1509.8	*1531.3*	1688.9
25°	1071.4	1051.0	1025.1	1009.6	1038.6	1108.5	1237.1	1416.7	1554.4	*1575.4*	1746.4
27.5°	1360.2	1301.6	1209.1	1105.3	1074.1	1131.1	1264.0	1459.2	1599.6	*1618.4*	1808.3
30°	1829.2	1752.3	1595.3	1361.3	1188.1	1178.4	1298.9	1501.7	1647.4	*1667.9*	1874.4
32.5°	2299.3	2280.5	2099.2	1775.5	1444.7	1283.9	1357.0	1559.2	1710.9	*1727.0*	1963.7
35°	2774.8	2736.6	2588.2	2268.1	1840.0	1498.5	1453.8	1634.5	1794.3	*1812.6*	2093.9
37.5°	3138.9	3115.8	3023.8	2760.3	2309.0	1829.8	1619.5	1751.3	1915.3	*1935.7*	2260.6
40°	3460.5	3449.8	3418.6	3244.9	2833.4	2263.3	1877.1	1932.0	2083.1	*2107.3*	2465.0
42.5°	3713.3	3738.6	3756.4	3708.0	3374.0	2758.1	2223.5	2185.8	2317.1	*2341.8*	2725.3
45°	3972.0	3980.7	4052.2	4122.1	3910.7	3275.5	2614.0	2483.3	2608.1	*2638.7*	3037.3
47.5°	4138.2	4172.7	4298.5	4421.7	4362.0	3788.6	3033.5	2834.5	2945.3	*3002.8*	3386.9
50°	4150.6	4215.7	4388.9	4603.5	4690.6	4277.0	3489.6	3234.7	3352.4	*3415.9*	3760.1
52.5°	3944.6	4045.7	4314.1	4628.2	4868.1	4690.6	3961.3	3634.8	3786.0	*3868.8*	4147.4
55°	3024.4	3156.7	4032.8	4493.8	4875.1	5004.2	4420.6	4051.7	4268.9	*4362.5*	4565.8
57.5°	2634.9	2701.6	3170.6	4260.3	4745.5	5130.6	4835.8	4448.6	4794.4	*4910.6*	4961.2
60°	2192.3	2280.0	2659.1	3878.5	4569.6	5143.0	5202.7	4960.6	5364.0	*5494.7*	5323.7
62.5°	1489.9	1585.1	1962.1	3222.3	4329.2	5137.0	5503.3	5487.7	5997.1	*6137.4*	5630.8
65°	923.0	982.7	1231.1	2631.2	3993.0	5143.5	5818.0	6127.8	6665.1	*6807.6*	5868.5
67.5°	729.3	756.8	886.4	2020.2	3413.8	4998.3	6132.1	6729.6	7293.8	*7406.8*	5941.1
70°	*490.0*	*506.7*	*644.9*	*1354.3*	*2539.7*	*4328.1*	*6126.2*	*7031.9*	*7617.6*	*7674.1*	*5676.5*
72.5°	258.2	271.1	377.0	627.1	1534.0	3076.5	5163.9	6670.5	7295.4	*7210.5*	4852.0
75°	129.1	150.6	253.9	318.4	655.1	1715.8	3206.7	5259.1	5742.1	*5413.0*	3113.1
77.5°	97.9	118.3	209.8	209.8	228.0	577.7	1358.1	2868.4	2645.7	*2203.0*	913.8
80°	62.4	80.7	183.4	158.7	95.2	146.8	353.9	803.6	562.1	*427.6*	166.2
82.5°	36.6	52.7	152.8	104.9	53.2	54.3	100.0	171.0	145.8	*113.5*	51.1
85°	14.5	34.4	104.9	41.4	21.0	13.4	30.1	36.6	30.1	*22.6*	12.9
87.5°	0.0	8.1	18.3	0.0	1.6	1.1	2.2	2.7	2.7	*2.2*	4.3
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°	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5	1328.5
2.5°	1334.4	1335.5	1338.7	1339.3	1331.7	1322.0	1318.3	1316.7	1310.2	1309.7	1310.7
5°	1350.6	1355.4	1350.6	1336.6	1303.2	1256.4	1220.9	1191.9	1165.5	1157.5	1152.6
7.5°	1382.8	1387.7	1373.1	1318.3	1234.4	1141.3	1057.4	998.3	945.0	925.1	917.0
10°	1429.1	1435.5	1389.8	1279.0	1130.6	981.0	839.1	739.0	661.0	629.3	615.8
12.5°	1487.2	1489.9	1399.0	1219.3	995.6	782.0	580.9	473.8	404.5	378.6	370.6
15°	1551.2	1547.4	1400.0	1138.1	811.6	552.9	379.2	311.4	283.4	274.8	274.8
17.5°	1618.4	1602.8	1378.5	1020.8	609.9	378.1	281.3	265.2	260.3	258.2	257.6
20°	1684.6	1649.6	1339.3	867.6	437.8	282.4	255.5	250.6	248.0	246.9	245.8
22.5°	1744.8	1685.1	1272.0	689.5	317.9	249.6	241.5	237.2	232.4	230.2	229.7
25°	1803.4	1705.5	1177.4	523.3	254.4	233.4	227.0	218.9	212.5	209.8	208.7
27.5°	1860.4	1718.4	1059.0	387.3	227.0	218.4	206.5	195.2	190.4	189.3	188.2
30°	1921.2	1722.7	924.6	288.8	210.3	199.5	182.3	169.4	166.7	167.3	167.3
32.5°	1995.4	1729.2	789.0	236.7	196.3	177.0	156.5	143.1	140.9	143.1	142.5
35°	2084.2	1742.1	658.3	217.8	183.9	153.8	131.8	120.5	118.3	119.9	119.4
37.5°	2204.7	1763.1	536.2	214.1	173.7	134.5	110.8	101.7	101.7	102.2	101.7
40°	2364.9	1819.0	427.1	211.4	168.3	119.9	93.6	89.8	91.4	92.5	92.5
42.5°	2560.2	1937.9	353.4	208.1	162.4	113.5	85.0	83.4	86.1	87.1	87.1
45°	2779.1	2088.5	327.6	202.8	157.1	117.8	81.2	79.1	82.3	82.8	83.4
47.5°	3005.5	2235.9	324.3	196.9	151.7	124.2	80.1	75.3	79.1	79.6	80.1
50°	3234.7	2332.1	327.6	187.7	143.1	124.2	80.7	71.5	74.8	76.4	76.9
52.5°	3465.4	2376.2	325.4	167.8	128.0	116.7	80.7	68.3	71.5	72.6	72.6
55°	3689.1	2367.6	292.6	138.2	108.6	103.3	78.5	65.6	67.8	68.3	68.3
57.5°	3866.1	2247.7	231.8	107.6	88.2	86.1	71.5	62.4	64.0	63.5	63.5
60°	3958.6	1984.1	165.7	82.8	69.4	67.8	62.9	58.1	59.2	56.5	55.9
62.5°	3959.7	1635.6	110.8	65.6	55.4	53.8	53.8	52.2	51.1	45.7	44.1
65°	3875.2	1248.9	73.7	52.2	44.6	42.0	45.2	44.6	40.9	33.3	32.3
67.5°	3683.8	818.6	55.9	40.9	34.4	32.8	36.0	37.6	35.0	28.0	27.4
70°	*3290.0*	*476.5*	*46.3*	*31.7*	*25.8*	*24.2*	*29.0*	*32.3*	*29.0*	*22.6*	*21.5*
72.5°	2732.8	257.1	37.6	23.7	17.7	16.1	23.1	26.4	23.1	16.7	16.1
75°	1773.3	137.7	29.0	15.6	9.1	10.2	17.2	19.4	16.1	10.8	9.7
77.5°	595.4	60.8	18.3	7.5	4.3	4.3	10.2	11.8	7.5	3.8	3.2
80°	132.8	25.3	7.5	3.2	1.6	1.6	2.2	2.2	1.1	0.0	0.0
82.5°	43.6	10.2	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.7	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	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)