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: P1197338

Luminaire Tested: GPC-SB1A-735-U-AFL

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197338
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-14)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1A-735-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 350mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4587 lumens
Efficiency:	N/A
Efficacy:	148.4 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	30.9
Input Voltage (V):	120.0
Input Current (Ain):	0.263
Voltage Rise (V):	NR
Power Factor:	0.995
Total Harmonic Distortion (THDi):	6.356
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

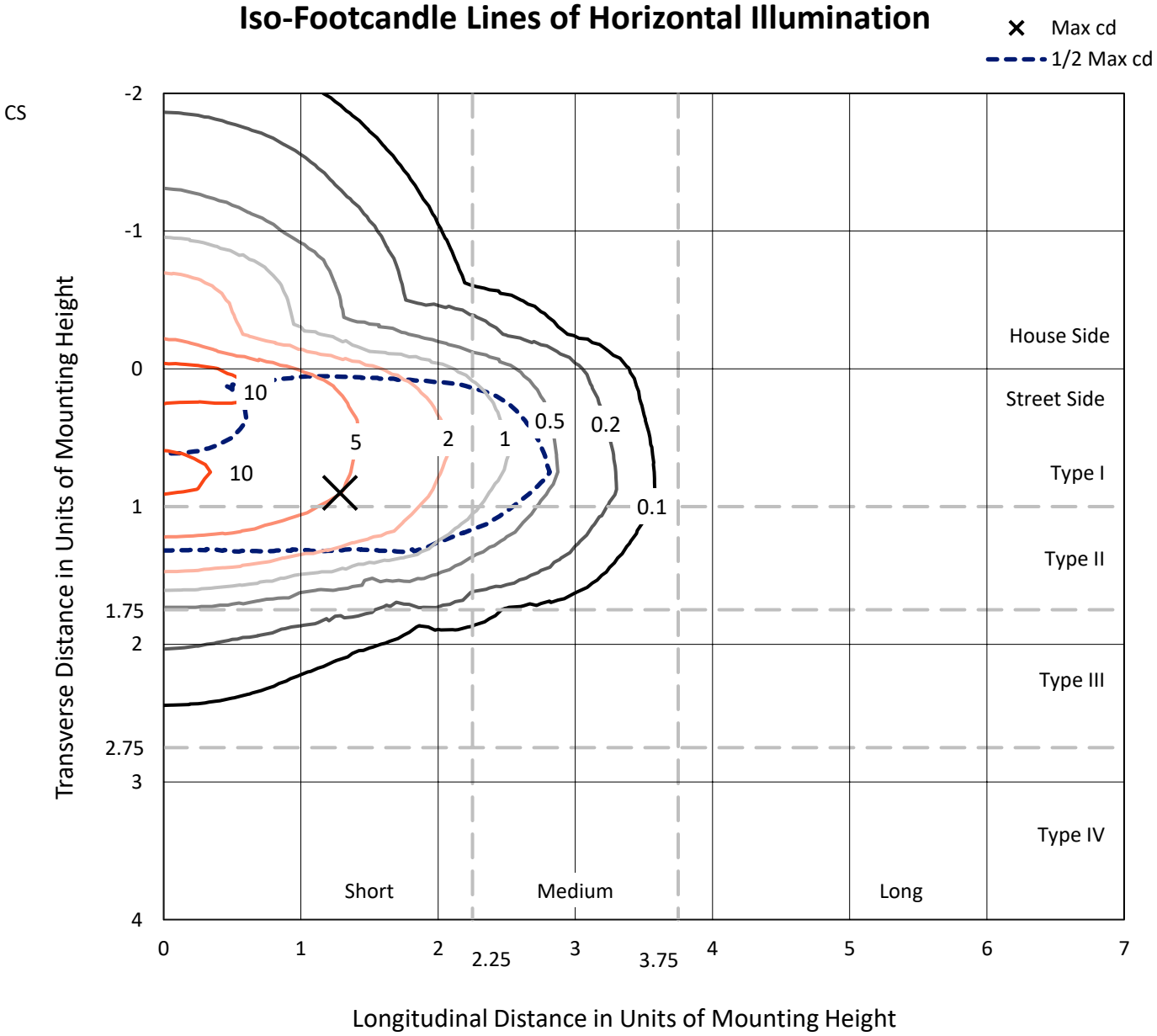


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Iso-Footcandle Lines of Horizontal Illumination



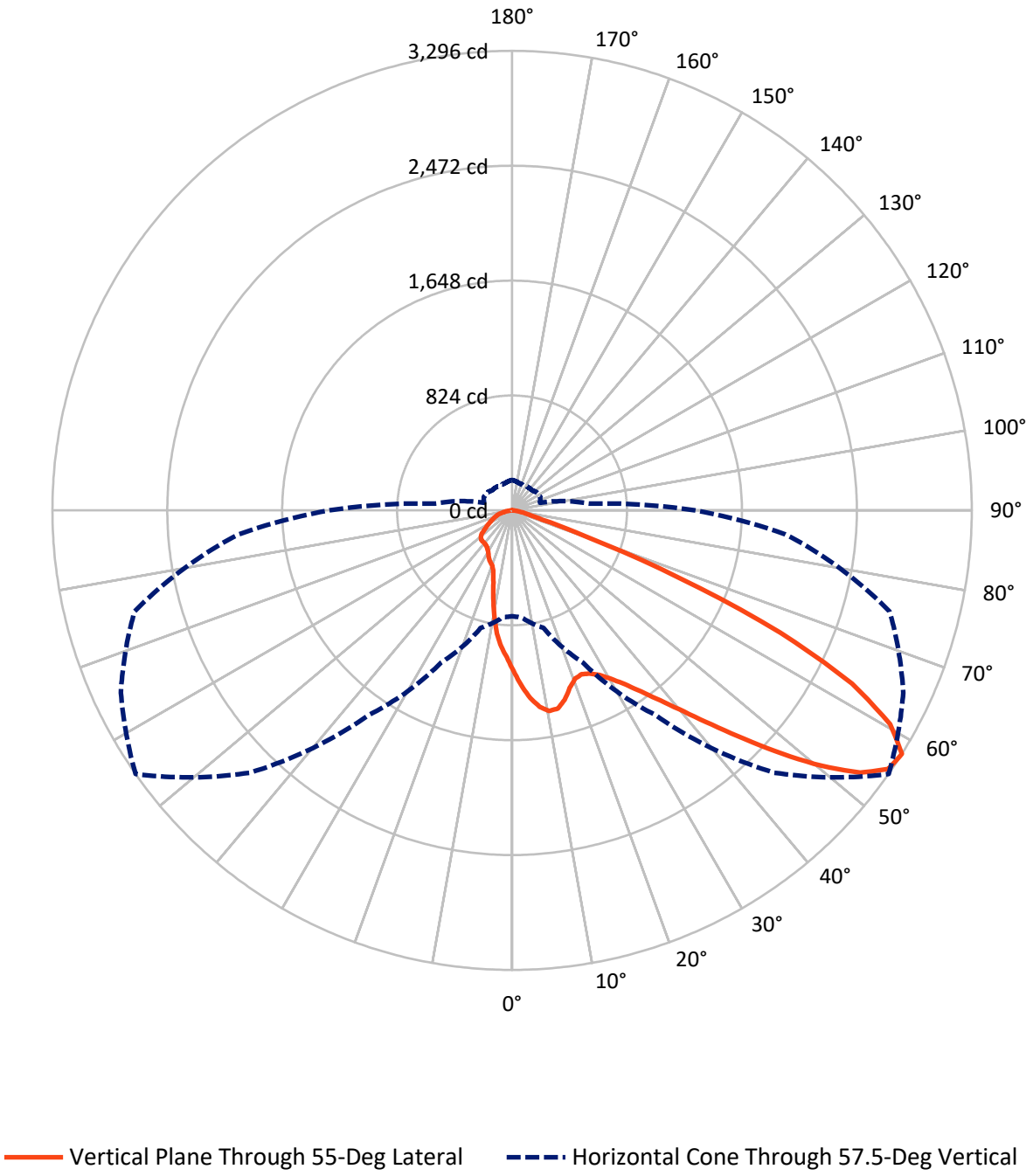
Based on 10 foot mounting height. Maximum calculated value = 13.9 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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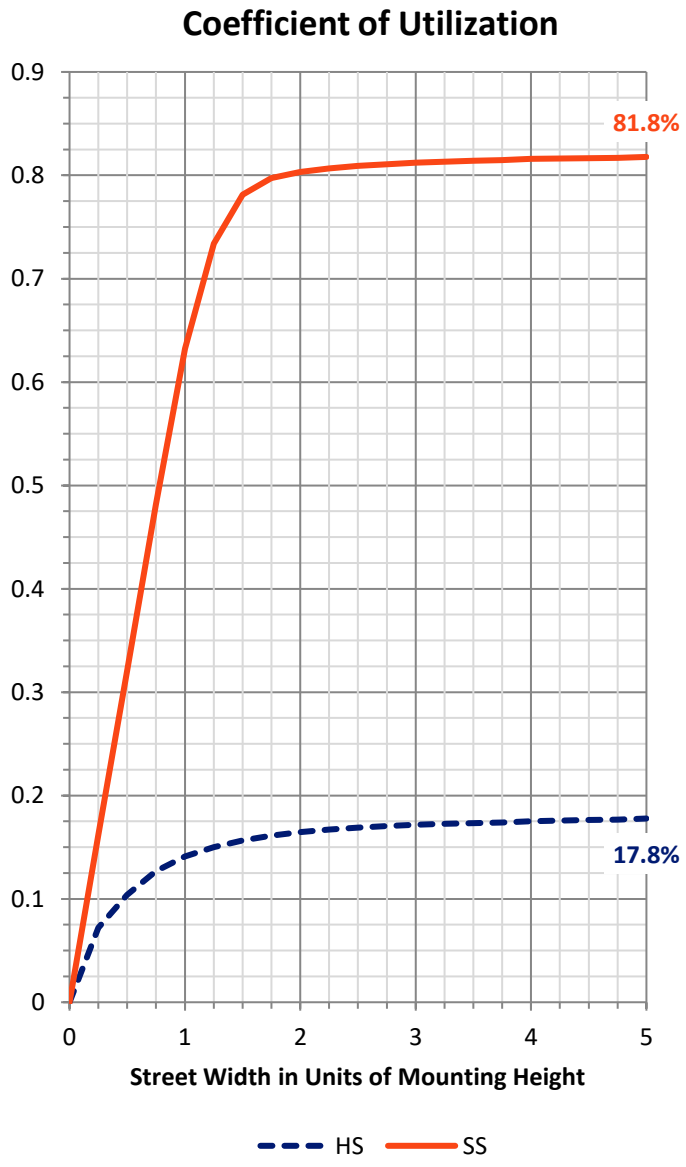
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	830.0	0.0	830.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	3757.0	0.0	3757.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	4587.0	0.0	4587.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	2.3
10°-20°	269.2	5.9
20°-30°	429.6	9.4
30°-40°	680.1	14.8
40°-50°	1041.0	22.7
50°-60°	1115.0	24.3
60°-70°	701.4	15.3
70°-80°	207.4	4.5
80°-90°	36.7	0.8
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°	4587.0	100.0
0°-180°	4587.0	100.0



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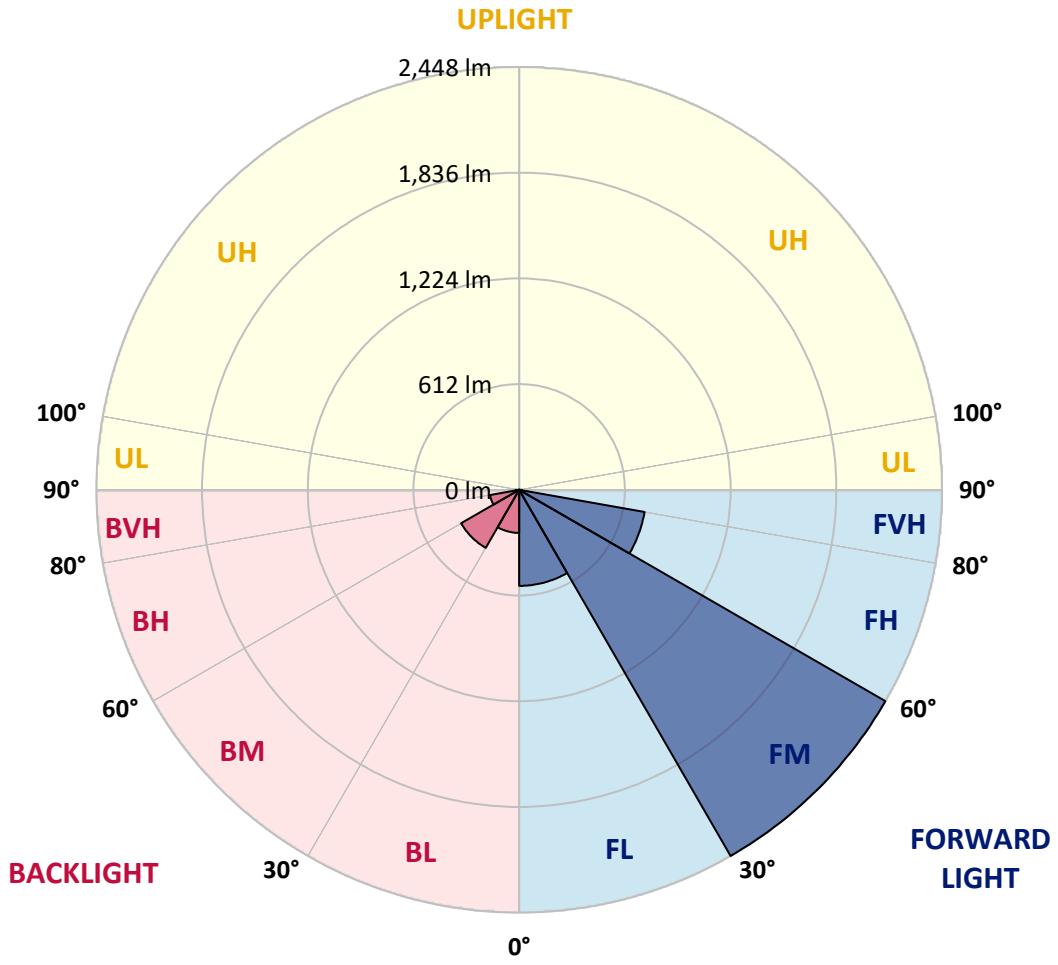
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	555.9	12.1			
FM	(30°-60°)	2448.1	53.4			
FH	(60°-80°)	737.4	16.1			G1/1800
FVH	(80°-90°)	15.5	0.3			G1/100
BL	(0°-30°)	249.5	5.4	B1/500		
BM	(30°-60°)	387.9	8.5	B1/1000		
BH	(60°-80°)	171.4	3.7	B1/500		G1/500
BVH	(80°-90°)	21.2	0.5			G1/100
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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1149.4	1149.4	1149.4	1149.4	1149.4	1149.4	*1149.4*	1149.4	1149.4	1149.4	1149.4
2.5°	1318.7	1317.7	1322.9	1305.1	1293.1	1276.7	*1255.1*	1227.6	1198.0	1166.7	1153.1
5°	1437.5	1429.2	1434.6	1421.3	1408.1	1383.4	*1351.4*	1306.6	1251.8	1189.4	1156.2
7.5°	1418.7	1413.0	1427.0	1438.9	1448.8	1445.8	*1422.3*	1375.3	1304.7	1214.1	1166.0
10°	1267.7	1261.3	1281.0	1322.0	1382.2	1434.6	*1463.1*	1433.9	1358.7	1241.1	1175.4
12.5°	1134.4	1131.3	1144.4	1177.6	1244.4	1345.0	*1457.9*	1485.1	1414.9	1273.1	1188.2
15°	1077.5	1073.7	1082.0	1098.8	1141.5	1235.2	*1410.4*	1520.2	1470.2	1310.1	1208.6
17.5°	1064.9	1060.7	1064.2	1073.0	1100.5	1171.9	*1338.8*	1537.5	1527.8	1351.4	1225.7
20°	1088.2	1084.6	1085.1	1084.6	1103.8	1160.5	*1289.0*	1530.9	1578.1	1389.3	1242.3
22.5°	1144.4	1138.4	1138.7	1126.1	1136.5	1180.4	*1276.0*	1513.1	1622.9	1422.5	1254.9
25°	1235.9	1225.2	1227.4	1195.4	1192.5	1225.0	*1296.4*	1499.4	1667.5	1449.1	1257.2
27.5°	1361.1	1349.0	1342.6	1294.9	1272.2	1288.3	*1337.9*	1504.1	1709.7	1472.1	1251.3
30°	1517.6	1502.9	1489.9	1422.3	1381.0	1375.1	*1402.4*	1535.4	1759.5	1496.3	1241.1
32.5°	1709.4	1692.4	1668.7	1579.0	1520.9	1489.9	*1485.8*	1591.1	1817.8	1527.1	1235.9
35°	1937.8	1915.5	1881.8	1765.9	1692.4	1628.8	*1595.9*	1671.5	1897.7	1573.6	1241.8
37.5°	2173.0	2147.9	2117.1	1979.1	1888.7	1795.0	*1730.1*	1780.6	2004.2	1636.6	1257.5
40°	2390.0	2361.8	2333.1	2210.3	2113.3	2000.4	*1894.4*	1918.6	2134.4	1712.1	1284.0
42.5°	2518.0	2497.2	2486.3	2419.9	2344.9	2230.4	*2098.8*	2082.2	2280.7	1798.8	1314.4
45°	2512.4	2503.8	2537.5	2565.0	2547.2	2483.7	*2338.3*	2263.1	2427.5	1874.0	1342.4
47.5°	2378.1	2383.8	2459.0	2613.6	2681.7	2714.9	*2611.0*	2440.7	2555.0	1930.2	1354.9
50°	2013.0	2017.7	2191.8	2525.2	2716.3	2903.4	*2881.6*	2614.1	2653.9	1964.6	1352.1
52.5°	1723.9	1727.0	1801.7	2262.9	2602.0	2998.2	*3125.3*	2777.5	2726.2	1974.1	1336.2
55°	1298.5	1309.2	1392.9	1775.4	2304.6	2923.1	*3273.8*	2945.8	2772.0	1975.0	1319.6
57.5°	*758.6*	*770.2*	*873.6*	*1205.1*	*1791.3*	*2661.0*	*3296.3*	*3095.2*	*2803.1*	*1967.4*	*1309.7*
60°	371.6	376.6	421.6	633.4	1104.5	2156.2	*3115.1*	3167.5	2820.4	1963.4	1309.2
62.5°	250.4	249.7	251.6	312.5	544.2	1385.3	*2737.6*	3040.9	2811.1	1948.0	1304.4
65°	215.3	212.7	205.6	219.3	281.9	633.6	*2115.2*	2662.9	2740.7	1909.3	1271.9
67.5°	186.1	186.4	186.6	182.4	201.3	292.4	*1292.6*	2097.6	2487.9	1726.3	1146.7
70°	154.1	156.3	157.2	157.2	164.1	191.8	*551.8*	1437.7	1962.5	1353.5	923.6
72.5°	140.4	135.9	136.3	134.0	134.0	146.1	*222.2*	815.0	1236.4	761.4	563.7
75°	114.5	117.4	117.9	116.2	110.7	111.4	*131.8*	341.9	529.0	315.9	278.6
77.5°	98.9	98.9	99.8	98.6	94.4	83.5	*88.0*	132.6	180.0	129.5	139.2
80°	79.4	79.2	83.2	85.6	79.0	61.7	*56.2*	73.3	79.9	56.9	72.3
82.5°	38.7	41.0	57.1	65.2	60.0	44.6	*34.4*	45.5	42.7	25.1	32.5
85°	22.5	21.3	25.6	36.3	34.4	24.7	*16.6*	23.7	22.3	12.8	13.0
87.5°	7.1	6.6	5.2	12.3	10.0	6.9	*4.5*	6.9	6.2	2.8	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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1149.4	1149.4	1149.4	1149.4	1149.4	1149.4	1149.4	1149.4	1149.4	1149.4
2.5°	1136.3	1108.3	1080.6	1055.2	1039.8	1029.8	1019.9	1008.7	1004.5	998.1
5°	1124.9	1070.9	1022.7	981.2	943.5	913.9	884.0	859.8	848.9	856.3
7.5°	1118.3	1040.0	965.8	889.7	816.4	757.9	706.9	671.1	654.9	659.0
10°	1112.4	1005.2	892.1	771.8	666.6	594.0	541.8	514.6	504.4	506.5
12.5°	1106.9	966.1	803.1	645.0	533.1	485.2	470.2	470.5	472.4	473.8
15°	1106.0	918.9	703.8	534.0	461.0	457.9	474.0	484.2	489.7	491.3
17.5°	1104.5	862.4	602.5	458.4	443.4	464.3	479.2	485.9	490.1	490.4
20°	1098.8	790.8	509.1	422.3	439.6	457.7	466.9	472.1	475.7	476.9
22.5°	1081.3	711.1	436.3	406.2	424.5	438.9	449.8	455.8	457.9	459.3
25°	1049.8	622.0	386.0	390.8	403.4	421.6	430.4	431.6	430.9	433.0
27.5°	1008.5	526.4	354.7	369.9	386.0	401.7	406.4	405.7	404.3	406.7
30°	958.7	440.6	334.8	346.4	368.5	382.7	387.0	385.3	382.5	385.1
32.5°	906.1	370.4	318.5	330.1	354.0	368.0	372.3	370.6	368.5	370.6
35°	857.0	321.3	303.3	319.2	342.6	356.4	361.9	362.1	362.1	364.7
37.5°	811.9	292.6	290.7	312.3	334.8	347.2	355.0	355.5	345.3	346.0
40°	770.2	280.5	285.0	307.8	327.2	339.1	339.6	313.0	294.3	293.8
42.5°	736.0	278.1	286.7	307.3	321.8	322.3	288.8	268.2	263.0	263.2
45°	704.0	277.4	290.5	307.3	313.7	278.4	255.9	250.4	250.9	252.8
47.5°	668.2	274.6	291.2	303.0	290.5	247.6	240.9	238.5	237.6	238.1
50°	629.1	264.4	282.2	294.5	250.6	234.3	226.0	225.3	226.5	227.2
52.5°	587.8	247.8	266.8	279.1	232.4	222.7	213.4	215.1	220.3	222.0
55°	560.8	228.4	246.4	248.3	219.6	211.8	203.9	207.7	217.4	220.5
57.5°	*553.7*	*207.7*	*223.1*	*221.0*	*203.2*	*202.3*	*197.5*	*200.8*	*213.2*	*217.7*
60°	551.6	189.2	200.4	198.7	187.3	191.8	190.6	192.3	196.6	198.0
62.5°	535.0	174.5	180.0	177.6	173.1	180.9	183.8	180.2	183.5	185.2
65°	492.7	162.7	160.1	158.4	160.3	167.4	173.1	166.0	169.1	173.8
67.5°	423.0	146.5	139.4	141.3	147.3	151.0	158.4	150.3	152.9	161.0
70°	342.2	126.2	119.7	125.2	130.9	138.7	139.9	134.5	140.6	149.6
72.5°	242.1	105.5	101.0	112.2	114.1	124.3	121.6	119.0	127.6	130.7
75°	167.9	85.1	82.5	91.1	97.9	106.7	104.8	107.9	125.9	127.3
77.5°	106.2	66.2	64.5	70.0	79.4	89.2	92.2	127.3	215.1	223.6
80°	61.7	49.3	47.4	51.7	60.0	69.0	88.9	156.3	141.8	140.1
82.5°	34.4	33.9	31.5	32.7	40.1	49.8	125.7	110.0	89.4	92.2
85°	16.1	19.9	17.1	16.4	22.5	58.3	83.9	62.8	41.7	40.8
87.5°	4.3	3.8	3.8	4.3	9.5	50.3	33.4	26.8	15.9	15.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)