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: P1197813

Luminaire Tested: GPC-SB1B-735-U-AFL-HSS

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197813
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-15)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1B-735-U-AFL-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4827 lumens
Efficiency:	N/A
Efficacy:	121.3 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):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

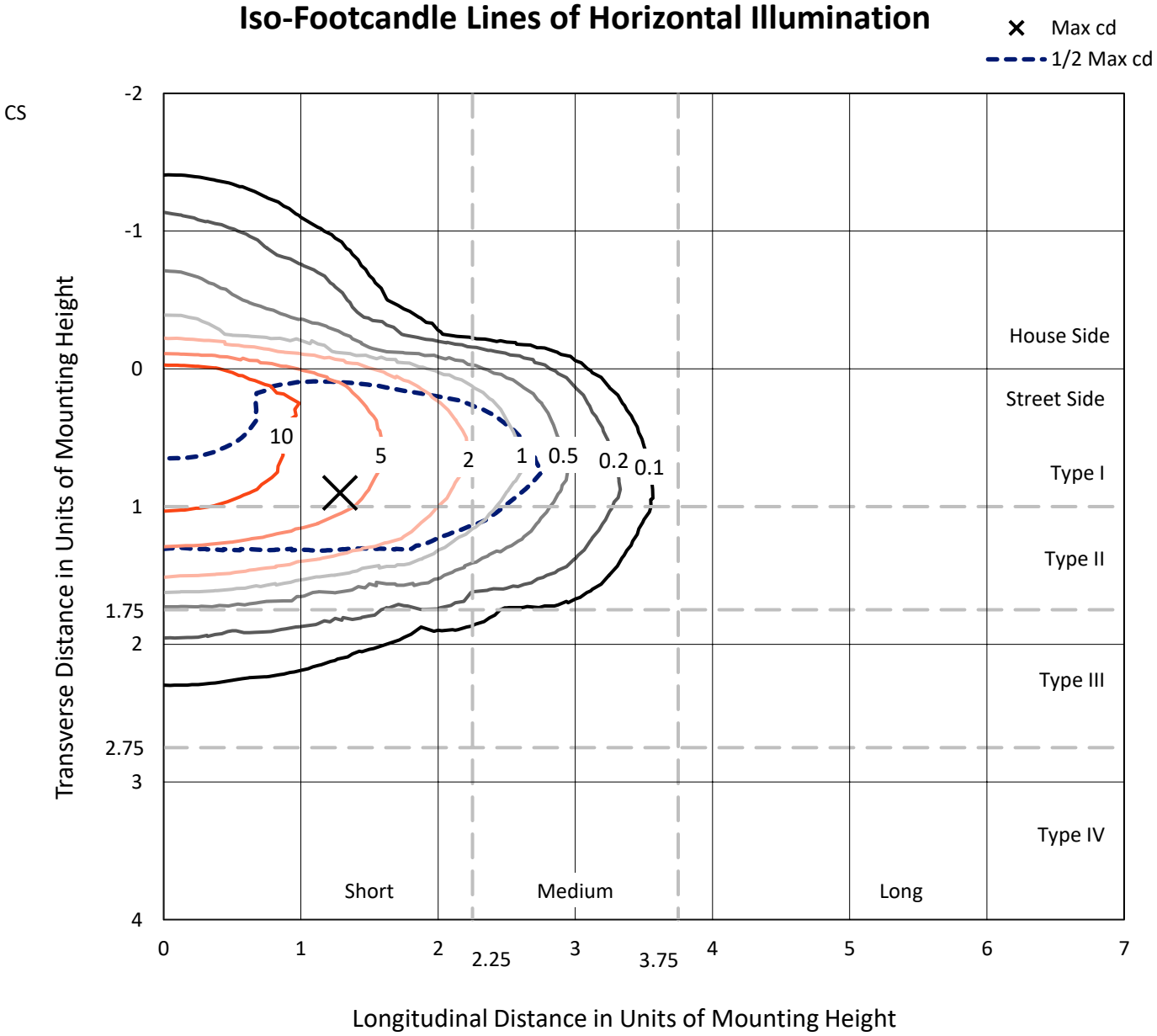


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Iso-Footcandle Lines of Horizontal Illumination



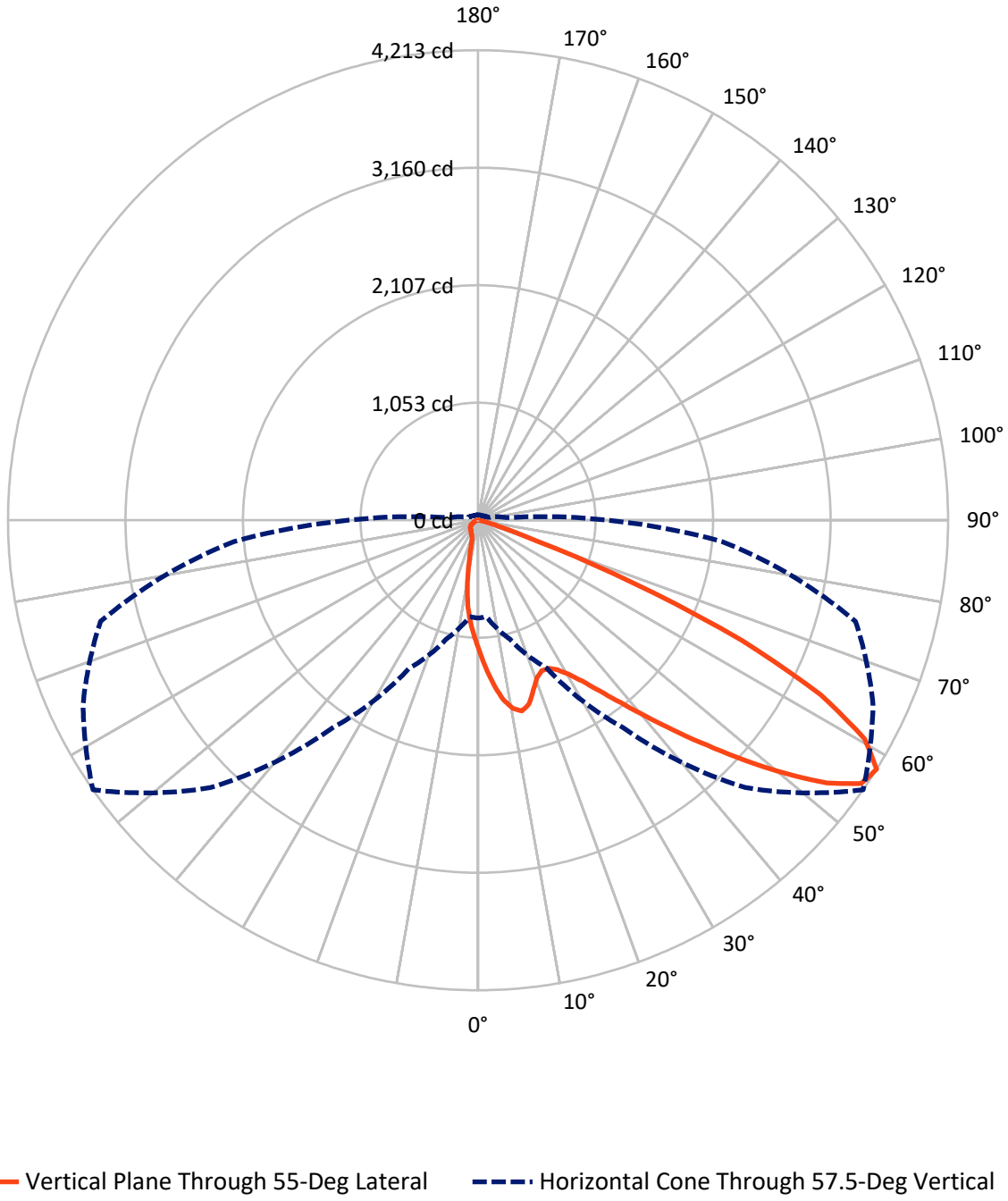
Based on 10 foot mounting height. Maximum calculated value = 16.7 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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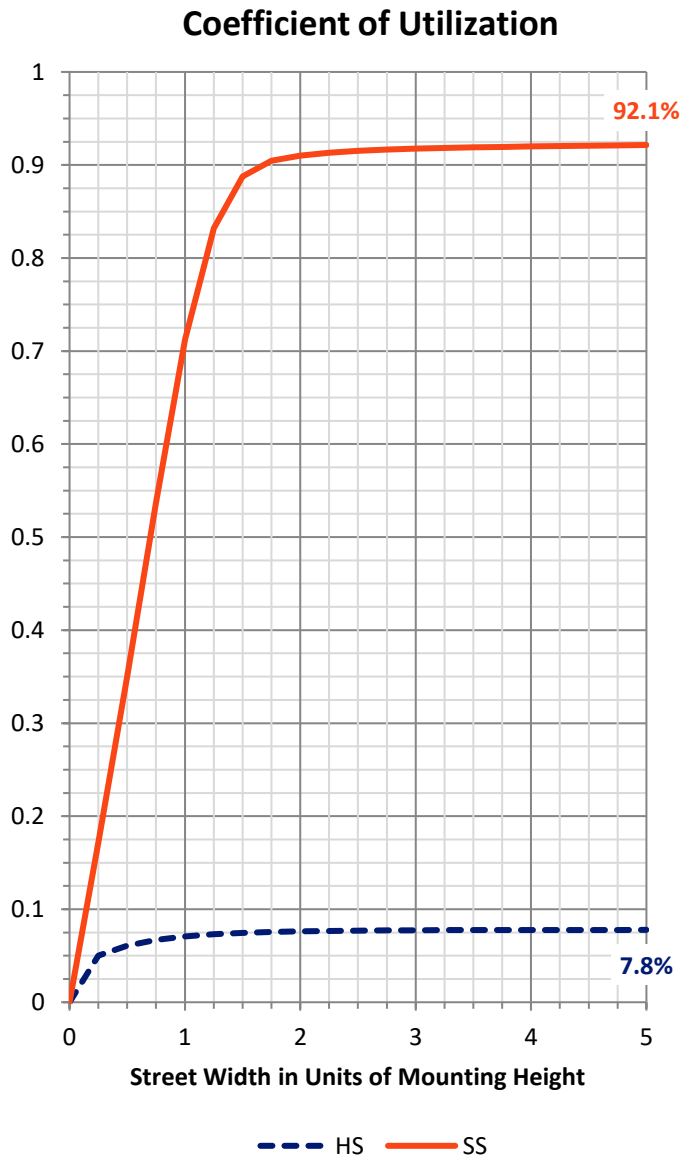
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	377.0	0.0	377.0
	% Fixture	7.8	0.0	7.8
Street Side	Lumens	4450.0	0.0	4450.0
	% Fixture	92.2	0.0	92.2
Total	Lumens	4827.0	0.0	4827.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.2	2.2
10°-20°	261.4	5.4
20°-30°	418.3	8.7
30°-40°	708.0	14.7
40°-50°	1162.3	24.1
50°-60°	1277.5	26.5
60°-70°	732.8	15.2
70°-80°	149.7	3.1
80°-90°	8.8	0.2
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°	4827.0	100.0
0°-180°	4827.0	100.0



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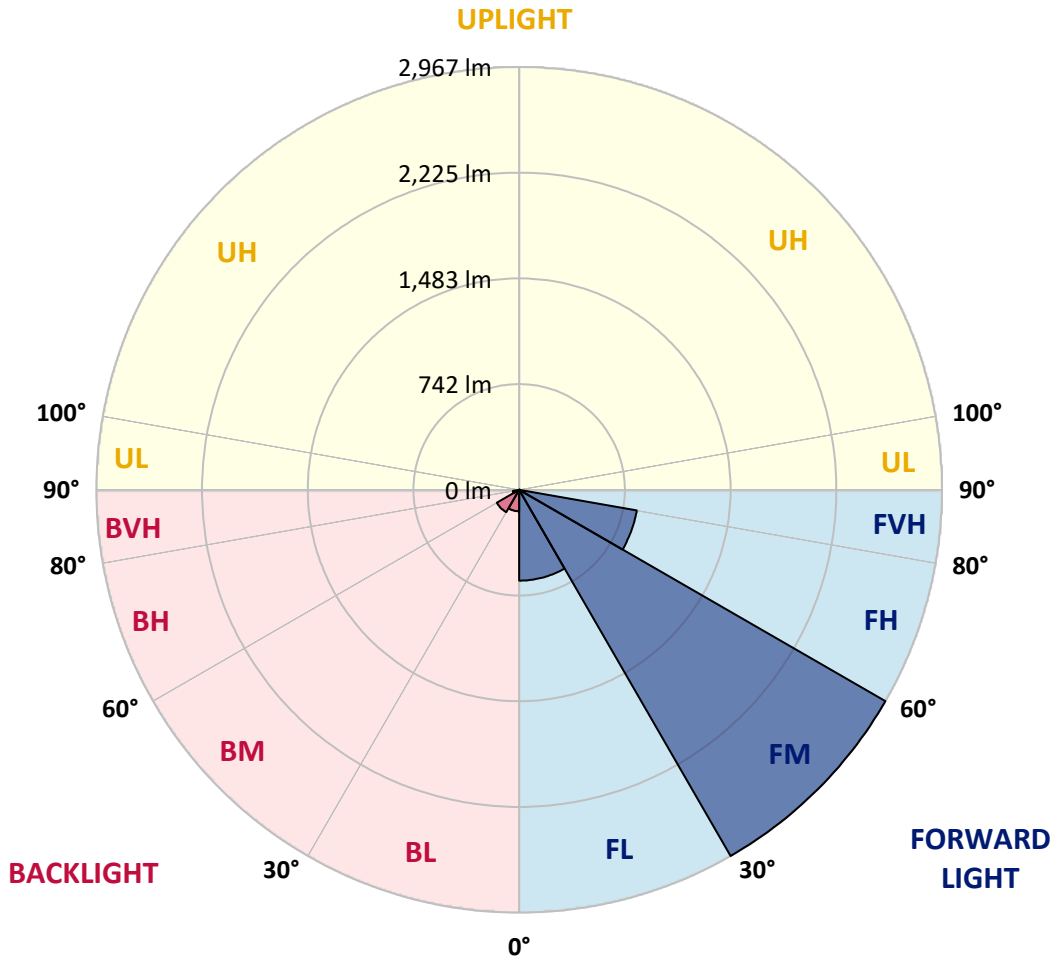
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	637.4	13.2			
FM	(30°-60°)	2966.7	61.5			
FH	(60°-80°)	837.6	17.4			G1/1800
FVH	(80°-90°)	8.2	0.2			G0/10
BL	(0°-30°)	150.5	3.1	B1/500		
BM	(30°-60°)	181.0	3.8	B0/220		
BH	(60°-80°)	44.8	0.9	B0/110		G0/110
BVH	(80°-90°)	0.6	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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	*1163.2*	1163.2	1163.2	1163.2	1163.2
2.5°	1443.3	1425.1	1422.4	1418.9	1384.3	1358.4	*1320.9*	1279.9	1233.7	1186.7	1165.9
5°	1667.4	1653.1	1650.4	1633.8	1594.5	1550.4	*1483.7*	1399.5	1313.5	1212.3	1168.8
7.5°	1710.9	1708.2	1720.4	1719.8	1714.4	1679.6	*1623.3*	1523.0	1393.9	1243.8	1176.6
10°	1517.1	1523.9	1560.2	1592.1	1678.1	1728.1	*1715.9*	1633.2	1476.6	1279.9	1185.2
12.5°	1340.6	1332.5	1358.4	1394.5	1494.5	1643.3	*1754.3*	1725.1	1571.3	1320.6	1198.0
15°	1229.9	1226.6	1241.2	1257.8	1334.0	1484.0	*1709.7*	1799.8	1662.3	1368.9	1217.4
17.5°	1194.4	1191.8	1196.2	1200.4	1249.8	1365.9	*1603.4*	1845.7	1749.5	1423.9	1238.8
20°	1223.3	1219.7	1219.1	1215.9	1236.4	1315.6	*1507.3*	1849.0	1827.8	1473.9	1257.2
22.5°	1307.5	1303.4	1288.8	1275.7	1277.5	1322.4	*1464.4*	1816.2	1886.8	1520.7	1268.9
25°	1460.2	1453.4	1423.0	1379.0	1351.0	1370.0	*1471.0*	1773.1	1943.0	1557.3	1263.2
27.5°	1651.3	1642.4	1603.4	1537.9	1473.9	1450.7	*1518.3*	1743.3	1989.7	1585.2	1251.0
30°	1838.5	1826.9	1788.5	1737.6	1644.2	1571.0	*1603.7*	1756.4	2045.4	1614.4	1234.9
32.5°	2040.6	2029.6	1978.7	1915.6	1838.2	1739.7	*1720.7*	1820.4	2113.6	1655.2	1223.6
35°	2296.3	2279.1	2206.7	2120.7	2038.6	1938.8	*1879.0*	1930.8	2204.3	1717.4	1229.9
37.5°	2587.4	2564.2	2486.2	2367.5	2260.3	2148.7	*2071.9*	2082.6	2337.4	1800.7	1249.2
40°	2861.8	2840.7	2768.7	2656.8	2522.2	2386.8	*2304.9*	2281.1	2521.0	1902.2	1283.1
42.5°	3026.4	3007.4	2977.0	2929.7	2816.3	2678.2	*2574.9*	2523.4	2738.3	2023.7	1324.5
45°	3035.7	3019.0	3059.8	3114.8	3092.5	3000.5	*2874.6*	2780.3	2956.5	2137.7	1367.4
47.5°	2888.0	2876.7	3000.5	3192.8	3288.7	3327.3	*3211.3*	3015.7	3136.6	2219.5	1384.9
50°	2485.6	2481.4	2736.2	3089.2	3363.4	3613.7	*3566.4*	3234.8	3276.2	2261.8	1368.3
52.5°	2155.2	2140.1	2288.6	2757.7	3254.7	3764.3	*3913.4*	3449.7	3373.8	2269.8	1329.3
55°	1634.7	1621.3	1807.6	2202.9	2904.4	3710.7	*4167.3*	3671.4	3443.7	2249.3	1259.3
57.5°	*876.9*	*868.5*	*1104.0*	*1466.2*	*2270.4*	*3389.3*	*4213.1*	*3906.0*	*3502.7*	*2194.8*	*1161.4*
60°	341.4	339.9	428.0	711.4	1379.9	2757.4	*3981.9*	4046.8	3539.6	2127.8	1079.6
62.5°	206.6	211.0	225.3	319.4	609.6	1712.9	*3448.8*	3886.6	3564.3	2066.5	1012.0
65°	170.8	171.1	172.9	219.4	292.0	716.7	*2596.3*	3359.8	3503.3	1957.3	916.1
67.5°	146.4	149.1	156.0	174.1	206.0	314.3	*1494.8*	2602.6	3132.1	1703.1	766.7
70°	115.5	119.1	127.7	143.2	158.9	196.7	*552.4*	1731.7	2392.8	1283.7	579.8
72.5°	97.3	97.0	101.5	116.4	126.2	138.4	*212.5*	970.3	1390.6	612.8	286.9
75°	75.3	78.3	83.9	97.3	103.3	100.3	*115.2*	354.5	498.3	185.7	97.6
77.5°	58.9	61.3	66.4	79.5	85.4	71.1	*66.4*	126.8	160.1	66.7	44.1
80°	26.5	28.6	45.2	58.6	69.6	49.1	*36.0*	64.9	71.1	30.4	22.3
82.5°	4.8	8.0	26.5	31.0	35.7	31.8	*18.8*	33.6	34.8	12.2	7.7
85°	0.3	0.6	9.2	11.3	14.3	10.4	*5.7*	13.4	11.6	4.2	3.0
87.5°	0.0	0.0	0.0	0.3	0.3	1.5	*1.8*	2.4	1.8	1.5	1.2
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2	1163.2
2.5°	1144.4	1102.2	1061.1	1027.5	1007.8	974.5	952.5	948.9	939.7	947.7
5°	1122.4	1046.8	970.3	901.9	845.6	773.0	718.8	695.9	675.9	682.8
7.5°	1112.0	992.6	873.6	756.6	636.4	520.3	434.0	397.9	370.6	374.4
10°	1098.0	936.4	749.8	571.2	410.2	295.6	236.0	214.0	201.8	202.1
12.5°	1087.3	869.1	606.0	387.2	249.7	188.7	170.3	164.9	161.3	161.6
15°	1081.9	789.9	464.0	258.1	178.6	159.8	155.4	153.0	150.6	150.3
17.5°	1073.0	701.8	339.6	188.4	156.3	149.7	145.8	143.2	140.2	139.6
20°	1059.6	601.8	248.2	159.2	146.4	141.4	136.0	132.5	128.9	128.3
22.5°	1034.9	496.2	190.8	147.3	139.3	133.6	127.1	122.9	119.4	118.8
25°	989.1	397.1	160.7	139.9	133.0	126.2	119.1	113.4	110.1	109.5
27.5°	931.0	311.9	145.8	133.0	125.0	118.8	110.7	105.4	102.4	101.8
30°	862.6	240.2	137.2	125.3	115.5	110.1	103.0	98.5	96.7	96.7
32.5°	788.8	192.0	133.6	117.6	107.2	101.2	95.5	93.8	93.2	92.9
35°	719.4	166.7	131.9	111.3	99.7	94.1	91.7	92.0	93.2	93.2
37.5°	657.8	158.6	131.0	106.9	93.2	88.1	89.6	92.3	91.1	91.1
40°	602.1	159.5	130.4	103.6	87.8	84.8	87.8	85.7	82.7	82.4
42.5°	559.6	167.0	129.2	100.9	84.5	82.4	81.3	78.0	77.7	78.3
45°	528.6	173.5	128.9	99.7	81.0	77.1	75.6	72.3	78.3	79.8
47.5°	492.0	173.5	128.9	95.5	75.0	73.5	71.1	67.6	73.5	75.0
50°	444.7	162.5	123.8	90.8	70.2	69.4	65.2	60.7	59.5	60.4
52.5°	384.9	142.6	111.0	84.2	65.5	63.7	58.6	55.4	54.5	54.5
55°	316.7	119.4	93.8	74.7	60.4	57.1	53.6	52.1	51.2	50.6
57.5°	*257.5*	*97.9*	*75.3*	*66.4*	*55.7*	*51.5*	*50.3*	*48.5*	*47.0*	*46.1*
60°	211.3	77.1	62.2	58.9	50.9	47.0	46.7	44.3	40.5	39.9
62.5°	163.1	56.6	52.4	51.2	46.1	42.9	42.3	37.5	31.6	30.4
65°	115.2	44.1	42.3	44.9	41.1	38.1	36.6	29.5	23.2	22.3
67.5°	81.0	36.9	33.3	39.3	35.7	31.8	31.0	25.0	19.3	18.8
70°	57.7	30.1	27.4	33.6	28.6	28.0	26.2	20.8	15.8	15.2
72.5°	40.8	22.9	21.1	29.2	19.6	24.1	21.4	16.1	11.9	11.3
75°	30.1	16.4	14.9	17.0	14.3	18.2	15.2	10.7	7.4	7.1
77.5°	22.0	10.4	8.9	8.3	8.3	11.3	8.3	4.5	3.3	3.0
80°	15.5	4.8	4.2	3.6	3.3	2.7	1.2	0.6	0.3	0.3
82.5°	9.2	2.1	2.1	1.5	0.9	0.0	0.0	0.0	0.0	0.0
85°	2.1	0.9	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	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

(END OF REPORT)