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: P1197814

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

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1197814
	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-SB1B-735-U-AFL
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND AUTOMOTIVE FRONTLINE OPTI
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5758 lumens
Efficiency:	N/A
Efficacy:	144.7 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

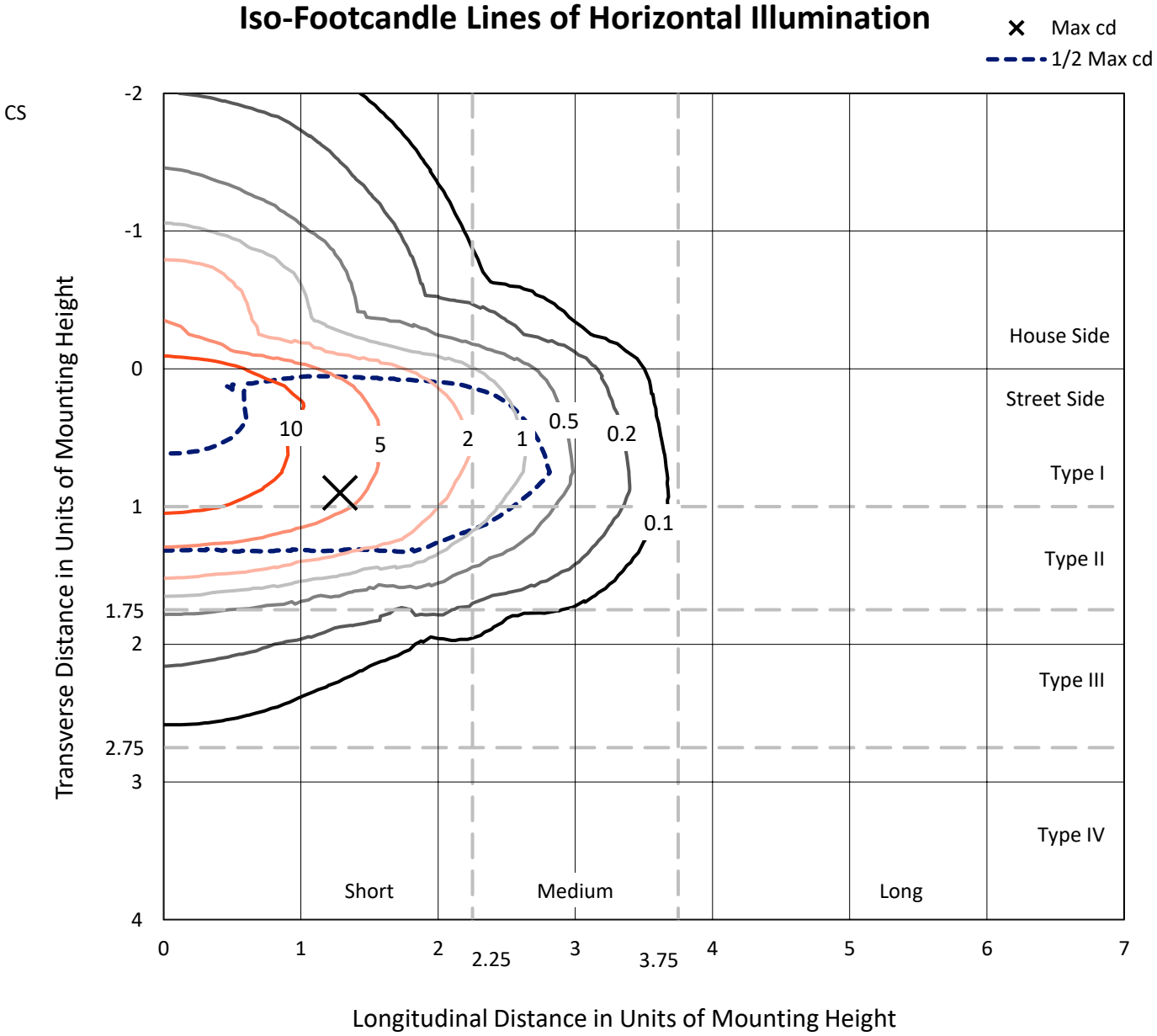


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Iso-Footcandle Lines of Horizontal Illumination



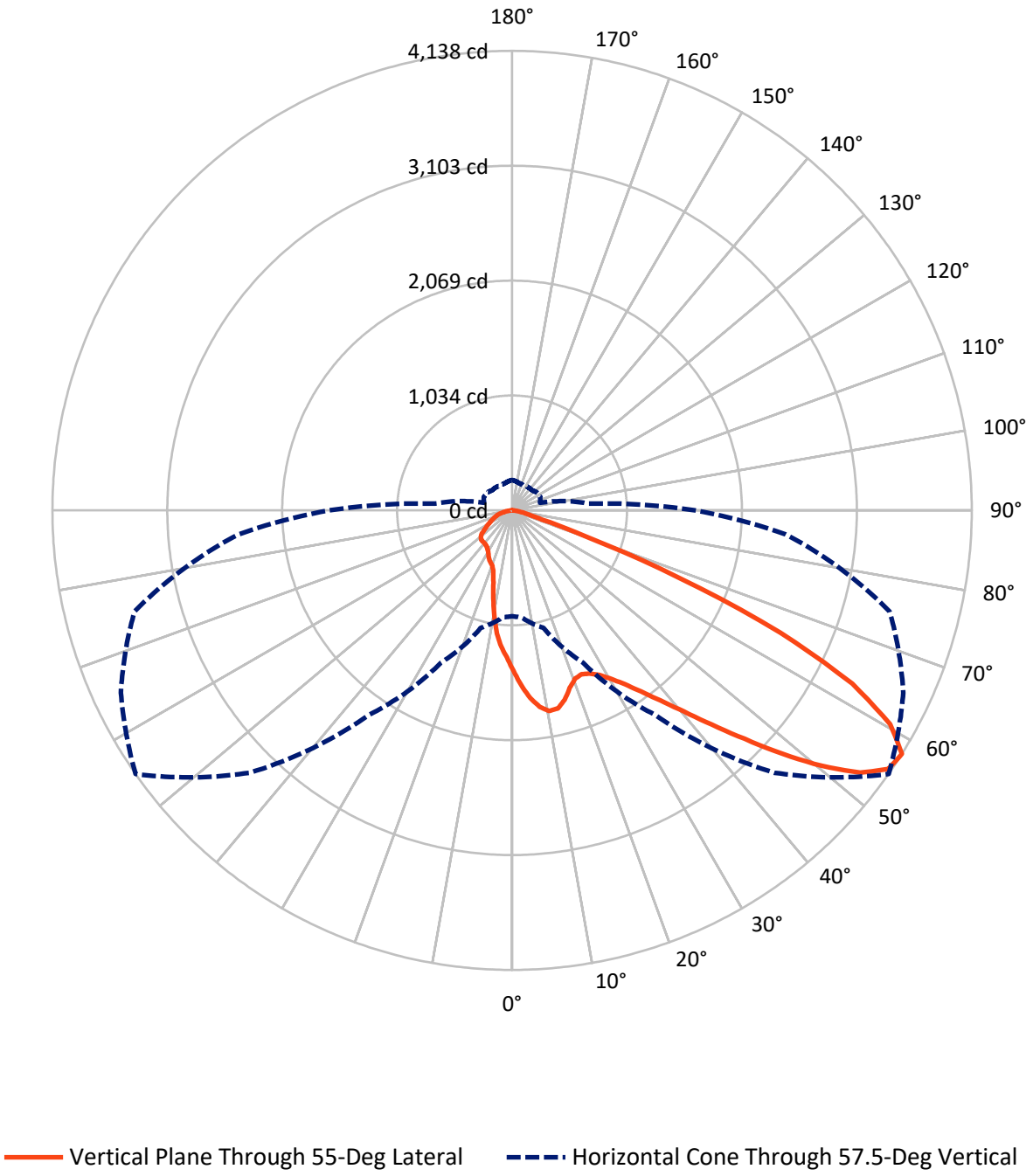
Based on 10 foot mounting height. Maximum calculated value = 17.4 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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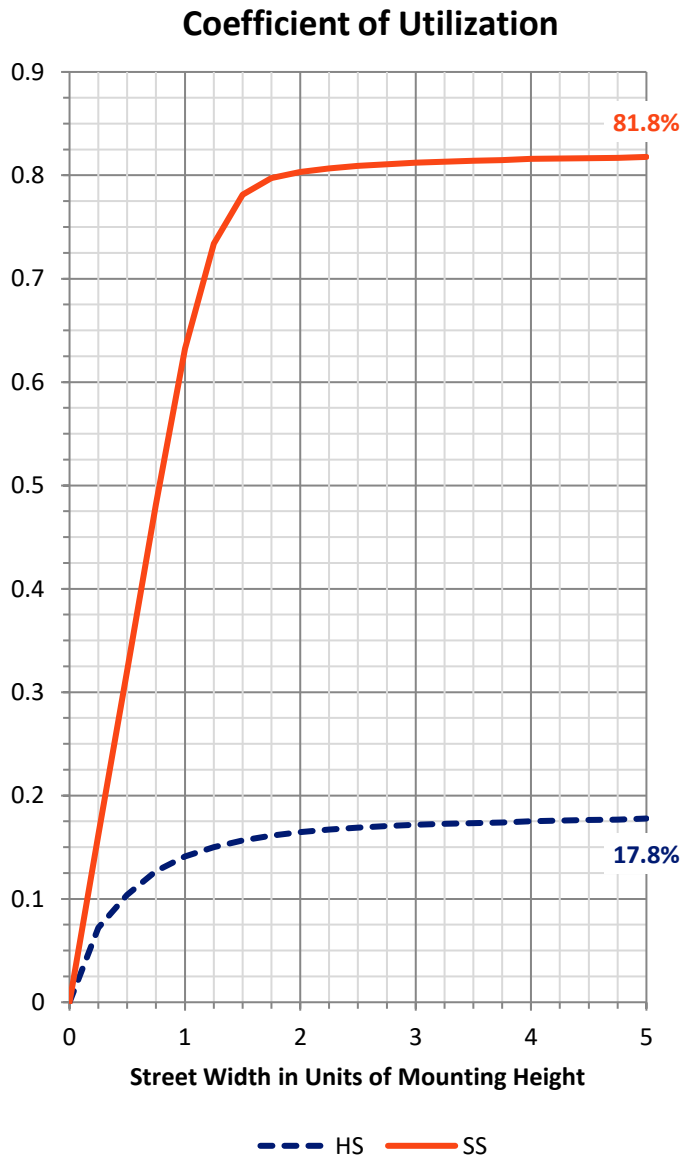
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1041.9	0.0	1041.9
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	4716.1	0.0	4716.1
	% Fixture	81.9	0.0	81.9
Total	Lumens	5758.0	0.0	5758.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	2.3
10°-20°	337.9	5.9
20°-30°	539.2	9.4
30°-40°	853.7	14.8
40°-50°	1306.7	22.7
50°-60°	1399.6	24.3
60°-70°	880.5	15.3
70°-80°	260.4	4.5
80°-90°	46.0	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°	5758.0	100.0
0°-180°	5758.0	100.0



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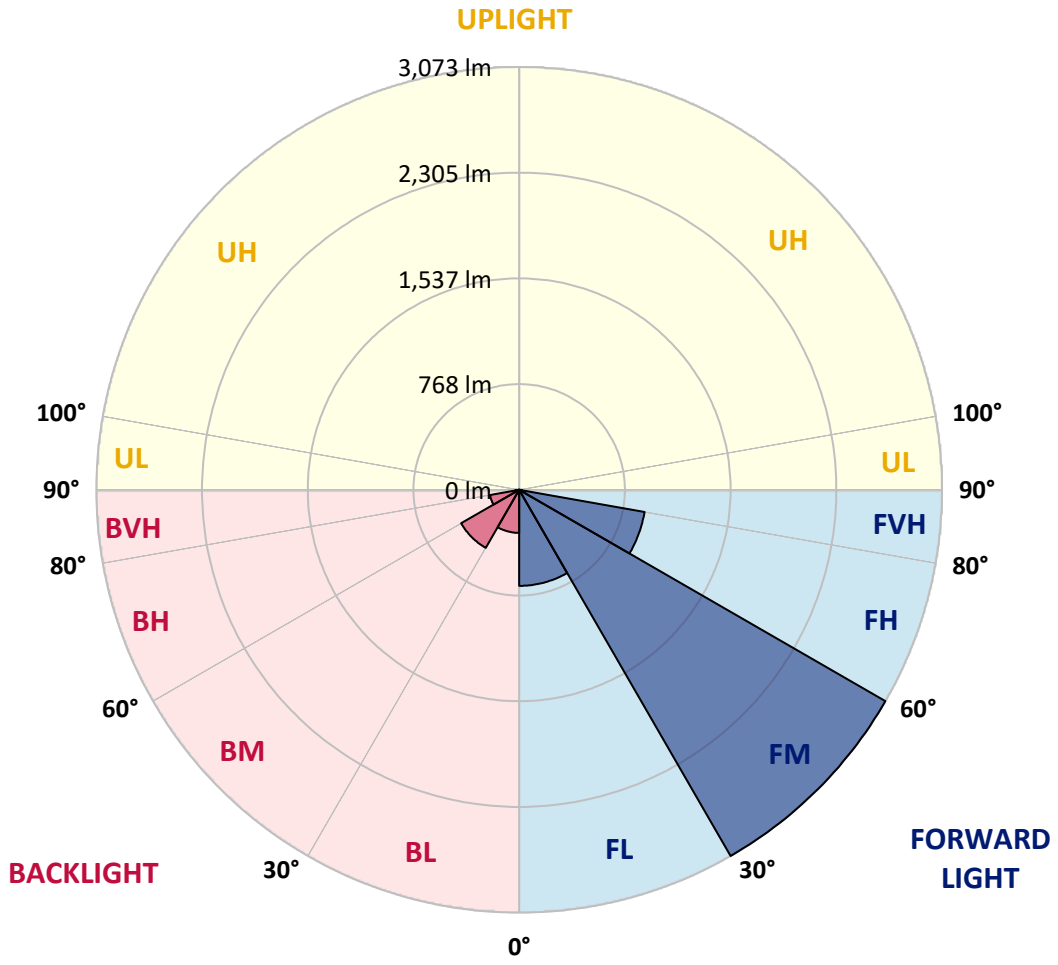
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	697.9	12.1			
FM	(30°-60°)	3073.1	53.4			
FH	(60°-80°)	925.7	16.1			G1/1800
FVH	(80°-90°)	19.5	0.3			G1/100
BL	(0°-30°)	313.2	5.4	B1/500		
BM	(30°-60°)	487.0	8.5	B1/1000		
BH	(60°-80°)	215.2	3.7	B1/500		G1/500
BVH	(80°-90°)	26.6	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°	1442.8	1442.8	1442.8	1442.8	1442.8	1442.8	*1442.8*	1442.8	1442.8	1442.8	1442.8
2.5°	1655.3	1654.1	1660.7	1638.3	1623.2	1602.6	*1575.5*	1541.0	1503.8	1464.5	1447.5
5°	1804.4	1794.0	1800.9	1784.2	1767.5	1736.6	*1696.4*	1640.1	1571.4	1493.1	1451.4
7.5°	1780.9	1773.8	1791.3	1806.2	1818.7	1814.8	*1785.4*	1726.4	1637.7	1524.0	1463.6
10°	1591.3	1583.3	1608.0	1659.5	1735.1	1800.9	*1836.6*	1800.0	1705.6	1558.0	1475.5
12.5°	1424.0	1420.1	1436.5	1478.2	1562.1	1688.3	*1830.0*	1864.3	1776.1	1598.1	1491.6
15°	1352.6	1347.8	1358.2	1379.4	1432.9	1550.5	*1770.5*	1908.3	1845.5	1644.6	1517.2
17.5°	1336.8	1331.4	1335.9	1346.9	1381.4	1471.0	*1680.6*	1930.0	1917.8	1696.4	1538.6
20°	1366.0	1361.5	1362.1	1361.5	1385.6	1456.8	*1618.1*	1921.7	1980.9	1744.0	1559.5
22.5°	1436.5	1429.1	1429.4	1413.6	1426.7	1481.8	*1601.7*	1899.4	2037.2	1785.7	1575.2
25°	1551.4	1538.0	1540.7	1500.5	1496.9	1537.7	*1627.3*	1882.1	2093.2	1819.0	1578.2
27.5°	1708.6	1693.4	1685.4	1625.5	1597.0	1617.2	*1679.4*	1888.1	2146.1	1847.9	1570.8
30°	1905.0	1886.6	1870.2	1785.4	1733.6	1726.1	*1760.4*	1927.4	2208.7	1878.2	1558.0
32.5°	2145.8	2124.4	2094.6	1982.1	1909.2	1870.2	*1865.2*	1997.3	2281.9	1916.9	1551.4
35°	2432.5	2404.5	2362.2	2216.7	2124.4	2044.6	*2003.3*	2098.2	2382.2	1975.3	1558.9
37.5°	2727.8	2696.2	2657.5	2484.3	2370.9	2253.3	*2171.7*	2235.1	2515.8	2054.5	1578.5
40°	3000.1	2964.7	2928.7	2774.5	2652.8	2511.1	*2378.0*	2408.4	2679.3	2149.1	1611.8
42.5°	3160.9	3134.7	3121.0	3037.6	2943.6	2799.8	*2634.6*	2613.8	2862.9	2258.1	1649.9
45°	3153.7	3143.0	3185.3	3219.8	3197.5	3117.7	*2935.2*	2840.9	3047.2	2352.4	1685.1
47.5°	2985.3	2992.4	3086.8	3280.8	3366.3	3407.9	*3277.6*	3063.8	3207.3	2423.0	1700.8
50°	2526.9	2532.8	2751.3	3169.8	3409.7	3644.6	*3617.2*	3281.4	3331.4	2466.1	1697.3
52.5°	2164.0	2167.9	2261.6	2840.6	3266.2	3763.6	*3923.2*	3486.5	3422.2	2478.0	1677.3
55°	1630.0	1643.4	1748.5	2228.6	2893.0	3669.3	*4109.5*	3697.9	3479.7	2479.2	1656.5
57.5°	*952.2*	*966.8*	*1096.6*	*1512.7*	*2248.5*	*3340.4*	*4137.8*	*3885.4*	*3518.7*	*2469.7*	*1644.0*
60°	466.4	472.7	529.2	795.1	1386.5	2706.6	*3910.4*	3976.2	3540.4	2464.6	1643.4
62.5°	314.3	313.4	315.8	392.3	683.1	1738.9	*3436.5*	3817.2	3528.8	2445.3	1637.4
65°	270.3	267.0	258.1	275.3	353.9	795.4	*2655.1*	3342.7	3440.4	2396.8	1596.7
67.5°	233.7	234.0	234.3	228.9	252.7	367.0	*1622.6*	2633.1	3123.1	2167.0	1439.5
70°	193.5	196.2	197.3	197.3	206.0	240.8	*692.7*	1804.7	2463.5	1699.1	1159.4
72.5°	176.2	170.6	171.2	168.2	168.2	183.4	*278.9*	1023.1	1552.0	955.8	707.5
75°	143.8	147.3	147.9	145.9	139.0	139.9	*165.5*	429.2	664.1	396.5	349.8
77.5°	124.1	124.1	125.3	123.8	118.5	104.8	*110.4*	166.4	225.9	162.5	174.7
80°	99.7	99.4	104.5	107.5	99.1	77.4	*70.5*	92.0	100.3	71.4	90.8
82.5°	48.5	51.5	71.7	81.9	75.3	56.0	*43.2*	57.2	53.6	31.6	40.8
85°	28.3	26.8	32.1	45.5	43.2	31.0	*20.8*	29.8	28.0	16.1	16.4
87.5°	8.9	8.3	6.5	15.5	12.5	8.6	*5.7*	8.6	7.7	3.6	3.6
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°	1442.8	1442.8	1442.8	1442.8	1442.8	1442.8	1442.8	1442.8	1442.8	1442.8
2.5°	1426.4	1391.3	1356.4	1324.6	1305.2	1292.7	1280.2	1266.3	1260.9	1252.9
5°	1412.1	1344.2	1283.8	1231.7	1184.4	1147.2	1109.7	1079.3	1065.6	1074.9
7.5°	1403.8	1305.5	1212.4	1116.8	1024.9	951.3	887.3	842.4	822.1	827.2
10°	1396.3	1261.8	1119.8	968.9	836.7	745.6	680.2	645.9	633.1	635.8
12.5°	1389.5	1212.7	1008.2	809.6	669.1	609.0	590.3	590.6	592.9	594.7
15°	1388.3	1153.4	883.5	670.3	578.7	574.8	595.0	607.8	614.7	616.8
17.5°	1386.5	1082.6	756.4	575.4	556.6	582.8	601.6	609.9	615.3	615.6
20°	1379.4	992.7	639.1	530.1	551.9	574.5	586.1	592.6	597.1	598.6
22.5°	1357.3	892.7	547.7	509.9	532.8	551.0	564.7	572.1	574.8	576.6
25°	1317.7	780.8	484.6	490.5	506.3	529.2	540.3	541.7	540.9	543.5
27.5°	1266.0	660.8	445.3	464.4	484.6	504.2	510.2	509.3	507.5	510.5
30°	1203.4	553.1	420.3	434.9	462.6	480.4	485.8	483.7	480.1	483.4
32.5°	1137.4	464.9	399.8	414.3	444.4	462.0	467.3	465.2	462.6	465.2
35°	1075.8	403.3	380.7	400.7	430.1	447.4	454.2	454.5	454.5	457.8
37.5°	1019.2	367.3	364.9	392.0	420.3	435.8	445.6	446.2	433.4	434.3
40°	966.8	352.1	357.8	386.4	410.8	425.7	426.3	392.9	369.4	368.8
42.5°	923.9	349.2	359.9	385.8	403.9	404.5	362.6	336.7	330.1	330.4
45°	883.8	348.3	364.6	385.8	393.8	349.5	321.2	314.3	314.9	317.3
47.5°	838.8	344.7	365.5	380.4	364.6	310.8	302.4	299.4	298.3	298.9
50°	789.7	331.9	354.2	369.7	314.6	294.1	283.7	282.8	284.3	285.2
52.5°	737.9	311.1	334.9	350.3	291.7	279.5	267.9	270.0	276.5	278.6
55°	704.0	286.6	309.3	311.7	275.6	265.8	256.0	260.8	273.0	276.8
57.5°	*695.0*	*260.8*	*280.1*	*277.4*	*255.1*	*253.9*	*248.0*	*252.1*	*267.6*	*273.3*
60°	692.4	237.5	251.5	249.4	235.2	240.8	239.3	241.4	246.8	248.5
62.5°	671.5	219.1	225.9	222.9	217.3	227.1	230.7	226.2	230.4	232.5
65°	618.5	204.2	200.9	198.8	201.2	210.1	217.3	208.4	212.2	218.2
67.5°	531.0	184.0	175.0	177.4	184.8	189.6	198.8	188.7	192.0	202.1
70°	429.5	158.4	150.3	157.2	164.3	174.1	175.6	168.8	176.5	187.8
72.5°	303.9	132.5	126.8	140.8	143.2	156.0	152.7	149.4	160.1	164.0
75°	210.7	106.9	103.6	114.3	122.9	133.9	131.6	135.4	158.1	159.8
77.5°	133.4	83.0	81.0	87.8	99.7	111.9	115.8	159.8	270.0	280.7
80°	77.4	61.9	59.5	64.9	75.3	86.6	111.6	196.2	178.0	175.9
82.5°	43.2	42.6	39.6	41.1	50.3	62.5	157.8	138.1	112.2	115.8
85°	20.2	25.0	21.4	20.5	28.3	73.2	105.4	78.9	52.4	51.2
87.5°	5.4	4.8	4.8	5.4	11.9	63.1	42.0	33.6	19.9	19.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)