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: P1200211

Luminaire Tested: GPC-SB2C-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:	P1200211
	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-SB2C-735-U-T3R-HSS
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(2) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III ROADWAY OPTI WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12467 lumens
Efficiency:	N/A
Efficacy:	123.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	100.9
Input Voltage (V):	120.0
Input Current (Ain):	0.857
Voltage Rise (V):	NR
Power Factor:	0.994
Total Harmonic Distortion (THDi):	9.472
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

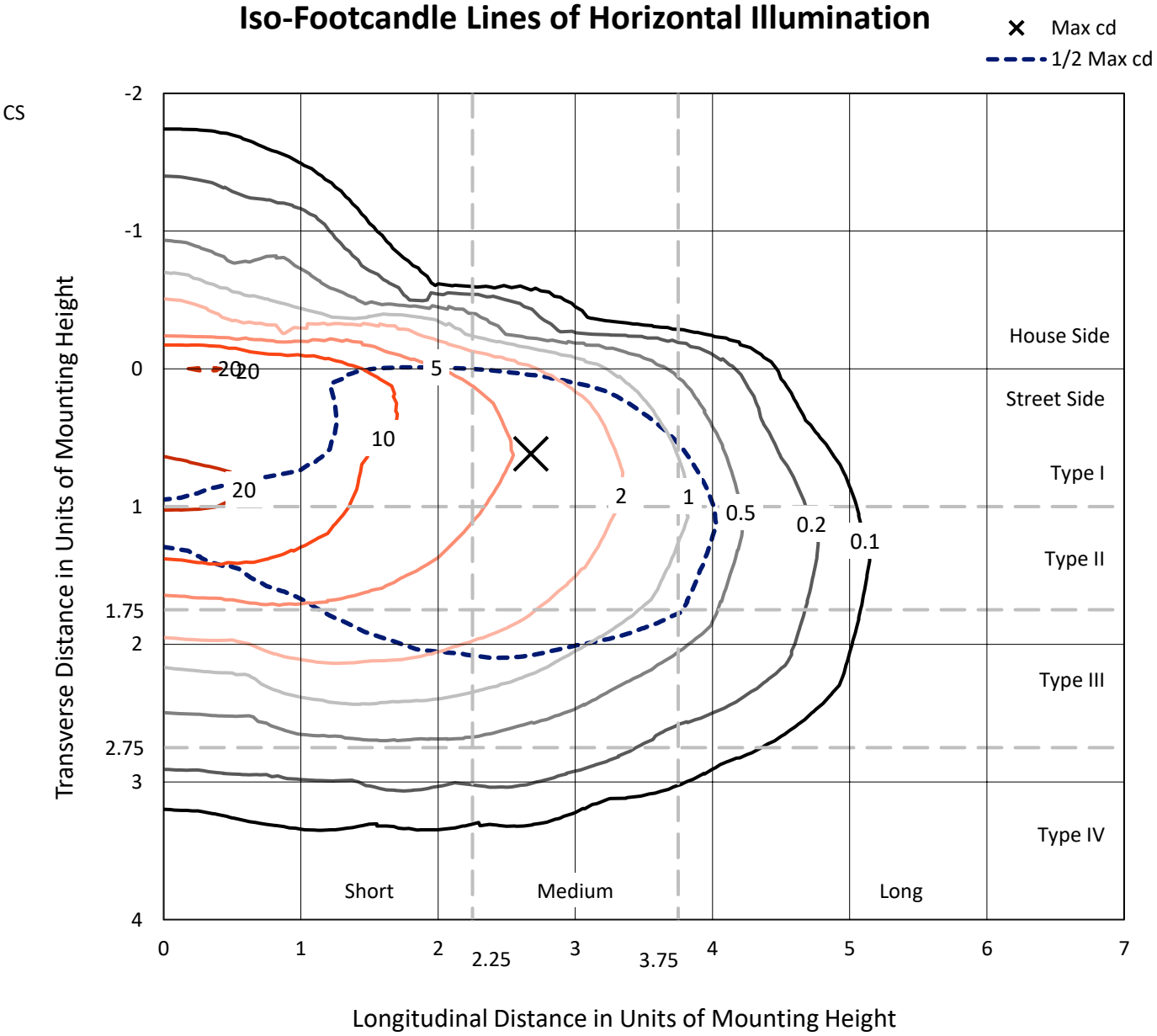


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Iso-Footcandle Lines of Horizontal Illumination



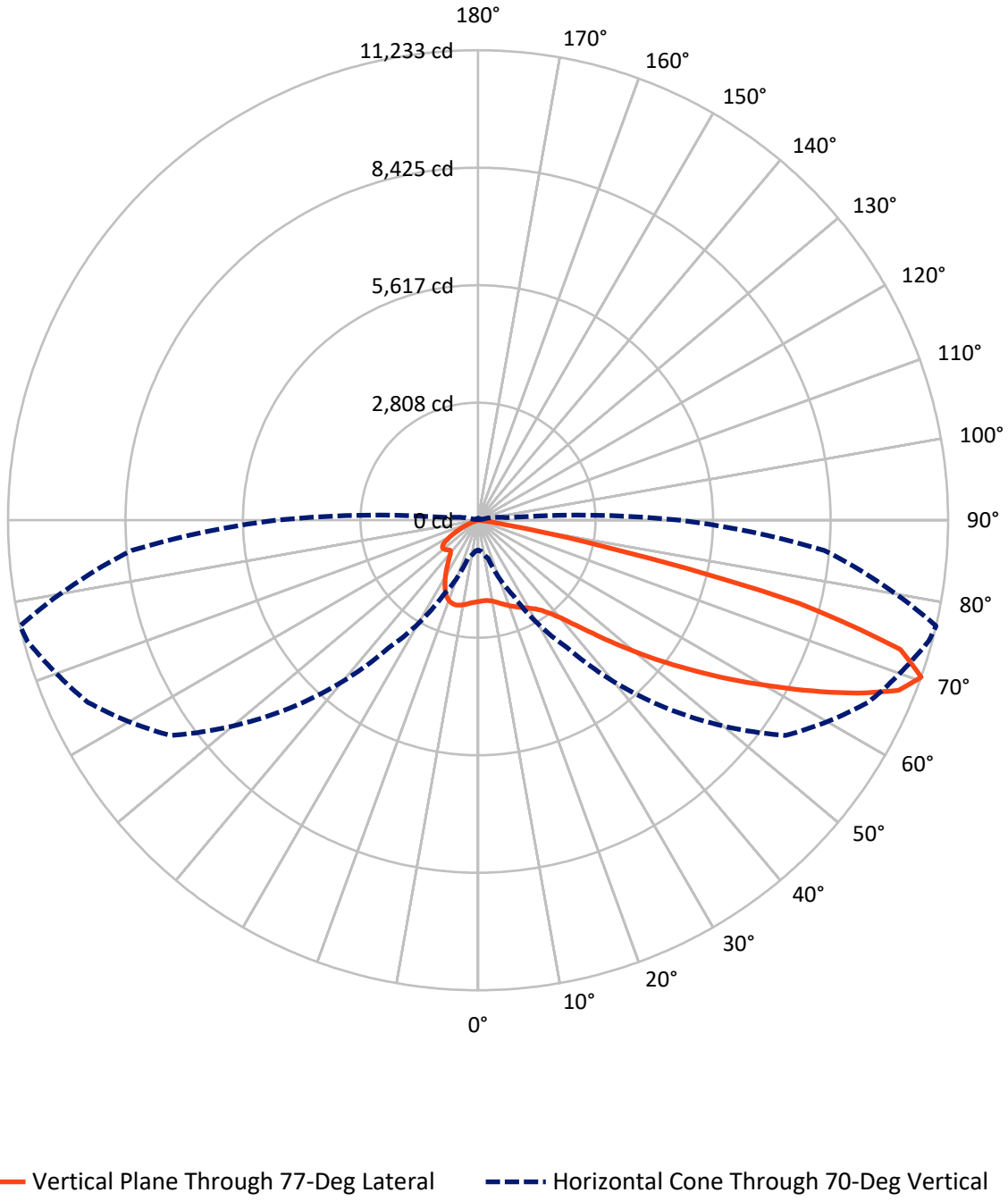
Based on 10 foot mounting height. Maximum calculated value = 22.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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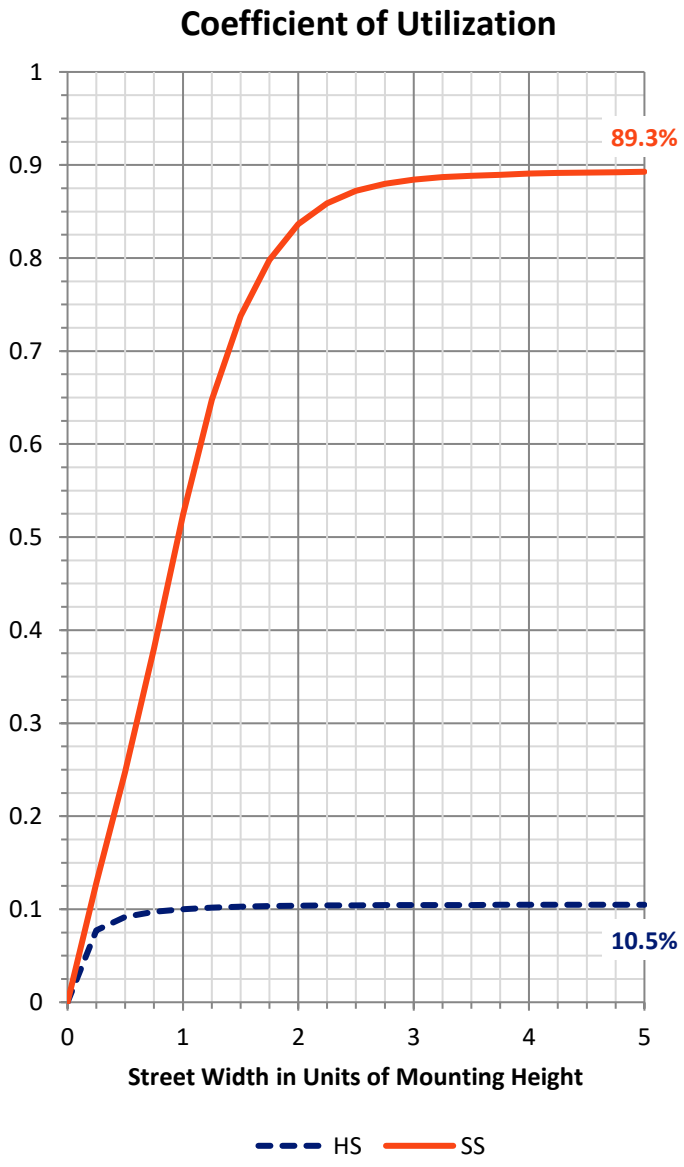
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1314.2	0.0	1314.2
	% Fixture	10.5	0.0	10.5
Street Side	Lumens	11152.8	0.0	11152.8
	% Fixture	89.5	0.0	89.5
Total	Lumens	12467.0	0.0	12467.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.6	1.3
10°-20°	397.9	3.2
20°-30°	615.4	4.9
30°-40°	1116.6	9.0
40°-50°	2107.8	16.9
50°-60°	3045.5	24.4
60°-70°	3241.9	26.0
70°-80°	1718.0	13.8
80°-90°	56.4	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°	12467.0	100.0
0°-180°	12467.0	100.0



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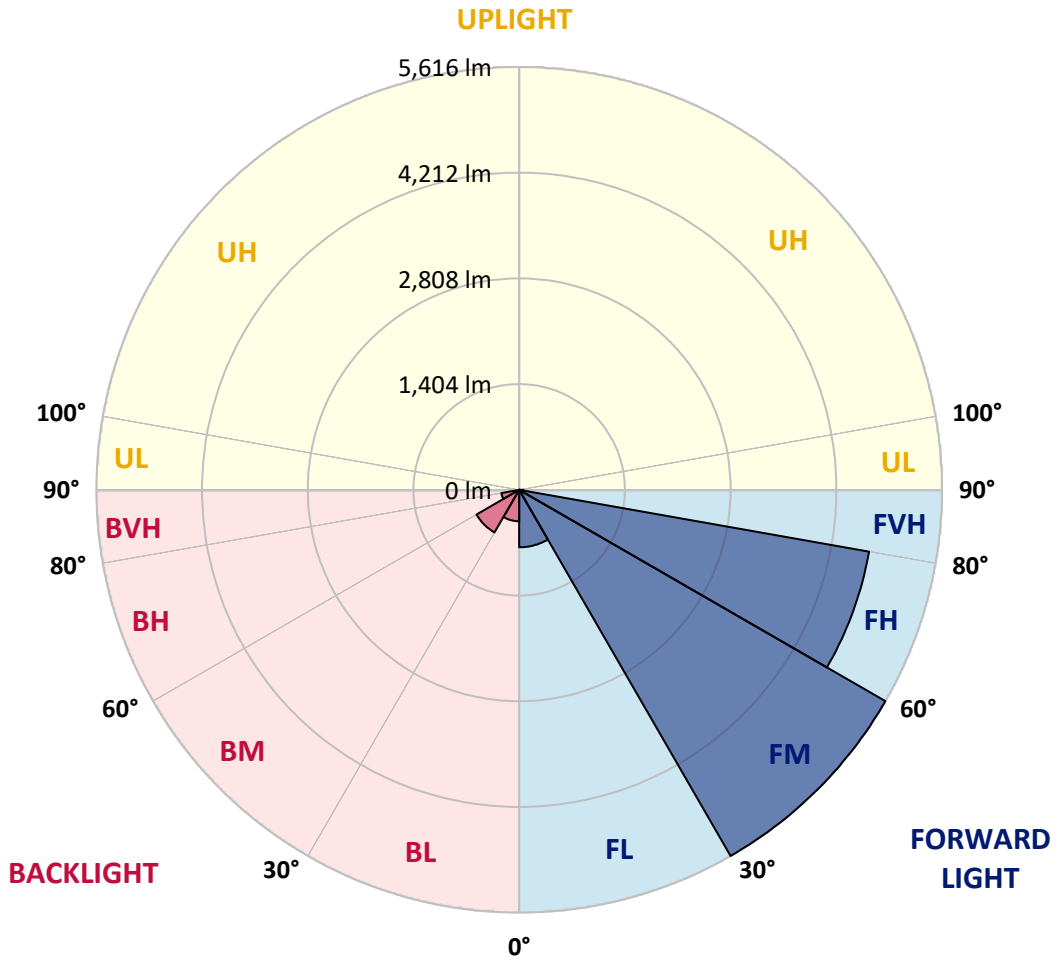
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	763.3	6.1			
FM	(30°-60°)	5615.7	45.0			
FH	(60°-80°)	4718.9	37.9			G2/5000
FVH	(80°-90°)	54.9	0.4			G1/100
BL	(0°-30°)	417.5	3.3	B1/500		
BM	(30°-60°)	654.2	5.2	B1/1000		
BH	(60°-80°)	240.9	1.9	B1/500		G1/500
BVH	(80°-90°)	1.5	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°	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	*1944.6*	1944.6
2.5°	1825.7	1842.3	1839.9	1850.9	1854.9	1870.6	1886.4	1907.6	1931.2	*1930.5*	1946.2
5°	1722.6	1739.1	1743.1	1758.0	1776.9	1801.3	1833.6	1876.1	1920.2	*1927.3*	1958.8
7.5°	1600.6	1617.9	1628.1	1658.1	1692.7	1743.1	1795.8	1858.0	1931.2	*1941.5*	2002.1
10°	1478.5	1494.3	1507.7	1550.2	1605.3	1680.1	1765.9	1855.7	1954.1	*1969.0*	2054.8
12.5°	1403.0	1417.9	1432.9	1469.9	1538.4	1629.7	1746.2	1866.7	1991.9	*2013.1*	2126.5
15°	1376.2	1389.6	1401.4	1434.5	1498.2	1602.2	1742.3	1889.5	2039.9	*2068.2*	2213.1
17.5°	1380.1	1387.2	1395.1	1420.3	1482.5	1589.6	1749.4	1928.9	2096.6	*2121.8*	2299.7
20°	1403.0	1406.9	1407.7	1425.0	1480.1	1588.0	1763.5	1966.7	2150.1	*2184.0*	2385.5
22.5°	1432.1	1433.7	1432.1	1443.9	1495.1	1599.8	1782.4	2012.3	2209.9	*2241.4*	2472.1
25°	1568.3	1538.4	1500.6	1477.8	1520.3	1622.6	1810.8	2073.7	2275.3	*2306.0*	2556.4
27.5°	1991.1	1905.3	1769.8	1617.9	1572.2	1655.7	1850.2	2135.9	2341.4	*2369.0*	2646.9
30°	2677.6	2565.0	2335.1	1992.7	1739.1	1725.0	1901.3	2198.1	2411.5	*2441.4*	2743.7
32.5°	3365.7	3338.1	3072.8	2598.9	2114.7	1879.3	1986.4	2282.4	2504.4	*2528.0*	2874.4
35°	4061.7	4005.8	3788.5	3320.0	2693.3	2193.4	2128.1	2392.6	2626.4	*2653.2*	3065.0
37.5°	4594.7	4560.8	4426.2	4040.4	3379.9	2678.4	2370.6	2563.4	2803.6	*2833.5*	3309.0
40°	5065.5	5049.7	5004.1	4749.8	4147.5	3313.0	2747.7	2828.0	3049.2	*3084.6*	3608.2
42.5°	5435.5	5472.5	5498.5	5427.6	4938.7	4037.3	3254.7	3199.6	3391.7	*3427.9*	3989.2
45°	5814.2	5826.8	5931.5	6033.9	5724.4	4794.6	3826.3	3635.0	3817.6	*3862.5*	4445.9
47.5°	6057.5	6107.9	6292.1	6472.4	6385.0	5545.7	4440.4	4149.1	4311.2	*4395.5*	4957.6
50°	6075.6	6170.8	6424.4	6738.5	6866.0	6260.6	5108.0	4734.8	4907.2	*5000.1*	5504.0
52.5°	5774.0	5922.1	6314.9	6774.7	7125.8	6866.0	5798.5	5320.6	5541.8	*5663.0*	6070.9
55°	4427.0	4620.7	5903.2	6577.9	7136.1	7325.0	6470.8	5930.7	6248.8	*6385.8*	6683.4
57.5°	3857.0	3954.6	4641.1	6236.2	6946.3	7510.0	7078.6	6511.7	7018.0	*7188.0*	7262.0
60°	3209.0	3337.4	3892.4	5677.2	6688.9	7528.1	7615.5	7261.3	7851.7	*8043.0*	7792.7
62.5°	2180.8	2320.2	2872.1	4716.7	6337.0	7519.5	8055.6	8032.8	8778.4	*8983.9*	8242.2
65°	1351.0	1438.4	1802.1	3851.5	5844.9	7528.9	8516.2	8969.7	9756.2	*9964.8*	8590.2
67.5°	1067.6	1107.7	1297.5	2957.1	4997.0	7316.4	8976.0	9850.7	10676.6	*10841.9*	8696.5
70°	*717.2*	*741.6*	*944.0*	*1982.4*	*3717.6*	*6335.4*	*8967.3*	*10293.1*	*11150.5*	*11233.2*	*8309.1*
72.5°	377.9	396.8	551.9	918.0	2245.4	4503.3	7558.9	9764.1	10678.9	*10554.5*	7102.2
75°	189.0	220.4	371.6	466.1	958.9	2511.5	4693.9	7698.2	8405.2	*7923.4*	4556.9
77.5°	143.3	173.2	307.0	307.0	333.8	845.6	1987.9	4198.7	3872.7	*3224.8*	1337.6
80°	91.3	118.1	268.5	232.3	139.4	214.9	518.0	1176.2	822.7	*625.9*	243.3
82.5°	53.5	77.2	223.6	153.5	77.9	79.5	146.4	250.4	213.4	*166.1*	74.8
85°	21.3	50.4	153.5	60.6	30.7	19.7	44.1	53.5	44.1	*33.1*	18.9
87.5°	0.0	11.8	26.8	0.0	2.4	1.6	3.1	3.9	3.9	*3.1*	6.3
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°	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6	1944.6
2.5°	1953.3	1954.9	1959.6	1960.4	1949.4	1935.2	1929.7	1927.3	1917.9	1917.1	1918.6
5°	1976.9	1984.0	1976.9	1956.4	1907.6	1839.1	1787.2	1744.7	1706.1	1694.3	1687.2
7.5°	2024.1	2031.2	2010.0	1929.7	1806.8	1670.6	1547.8	1461.2	1383.3	1354.2	1342.3
10°	2091.9	2101.3	2034.4	1872.2	1654.9	1436.0	1228.2	1081.7	967.6	921.1	901.5
12.5°	2176.9	2180.8	2047.8	1784.8	1457.3	1144.7	850.3	693.6	592.0	554.3	542.4
15°	2270.6	2265.1	2049.3	1665.9	1188.0	809.3	555.0	455.8	414.9	402.3	402.3
17.5°	2369.0	2346.1	2017.8	1494.3	892.8	553.5	411.8	388.1	381.1	377.9	377.1
20°	2465.8	2414.6	1960.4	1269.9	640.9	413.3	374.0	366.9	362.9	361.4	359.8
22.5°	2554.0	2466.6	1862.0	1009.3	465.3	365.3	353.5	347.2	340.1	337.0	336.2
25°	2639.8	2496.5	1723.4	766.0	372.4	341.7	332.2	320.4	311.0	307.0	305.5
27.5°	2723.3	2515.4	1550.2	566.9	332.2	319.6	302.3	285.8	278.7	277.1	275.6
30°	2812.2	2521.7	1353.4	422.8	307.8	292.1	266.9	248.0	244.1	244.8	244.8
32.5°	2920.9	2531.2	1155.0	346.4	287.4	259.0	229.1	209.4	206.3	209.4	208.6
35°	3050.8	2550.1	963.7	318.9	269.3	225.2	192.9	176.4	173.2	175.6	174.8
37.5°	3227.1	2580.8	784.9	313.3	254.3	196.8	162.2	148.8	148.8	149.6	148.8
40°	3461.8	2662.6	625.1	309.4	246.4	175.6	137.0	131.5	133.8	135.4	135.4
42.5°	3747.5	2836.6	517.3	304.7	237.8	166.1	124.4	122.0	126.0	127.5	127.5
45°	4068.0	3057.1	479.5	296.8	229.9	172.4	118.9	115.7	120.5	121.2	122.0
47.5°	4399.4	3272.8	474.7	288.2	222.0	181.9	117.3	110.2	115.7	116.5	117.3
50°	4734.8	3413.7	479.5	274.8	209.4	181.9	118.1	104.7	109.4	111.8	112.6
52.5°	5072.6	3478.3	476.3	245.6	187.4	170.8	118.1	100.0	104.7	106.3	106.3
55°	5400.1	3465.7	428.3	202.3	159.0	151.2	114.9	96.1	99.2	100.0	100.0
57.5°	5659.1	3290.1	339.3	157.5	129.1	126.0	104.7	91.3	93.7	92.9	92.9
60°	5794.5	2904.3	242.5	121.2	101.6	99.2	92.1	85.0	86.6	82.7	81.9
62.5°	5796.1	2394.2	162.2	96.1	81.1	78.7	78.7	76.4	74.8	66.9	64.6
65°	5672.5	1828.1	107.9	76.4	65.3	61.4	66.1	65.3	59.8	48.8	47.2
67.5°	5392.2	1198.3	81.9	59.8	50.4	48.0	52.7	55.1	51.2	40.9	40.2
70°	*4815.9*	*697.5*	*67.7*	*46.5*	*37.8*	*35.4*	*42.5*	*47.2*	*42.5*	*33.1*	*31.5*
72.5°	4000.3	376.3	55.1	34.6	26.0	23.6	33.9	38.6	33.9	24.4	23.6
75°	2595.7	201.5	42.5	22.8	13.4	15.0	25.2	28.3	23.6	15.7	14.2
77.5°	871.5	89.0	26.8	11.0	6.3	6.3	15.0	17.3	11.0	5.5	4.7
80°	194.5	37.0	11.0	4.7	2.4	2.4	3.1	3.1	1.6	0.0	0.0
82.5°	63.8	15.0	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	24.4	5.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.4	0.8	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)