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: P1198784

Luminaire Tested: GPC-SB1D-735-U-T3R

Issue Date: 10/30/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1198784
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab:	INNOVATION CENTER
Issue Date:	3/13/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GPC-SB1D-735-U-T3R
Description:	GALLEON PEDESTRIAN LUMINAIRE
	(1) 70 CRI, 3500K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE III ROADWAY OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10502 lumens
Efficiency:	N/A
Efficacy:	131.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - 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

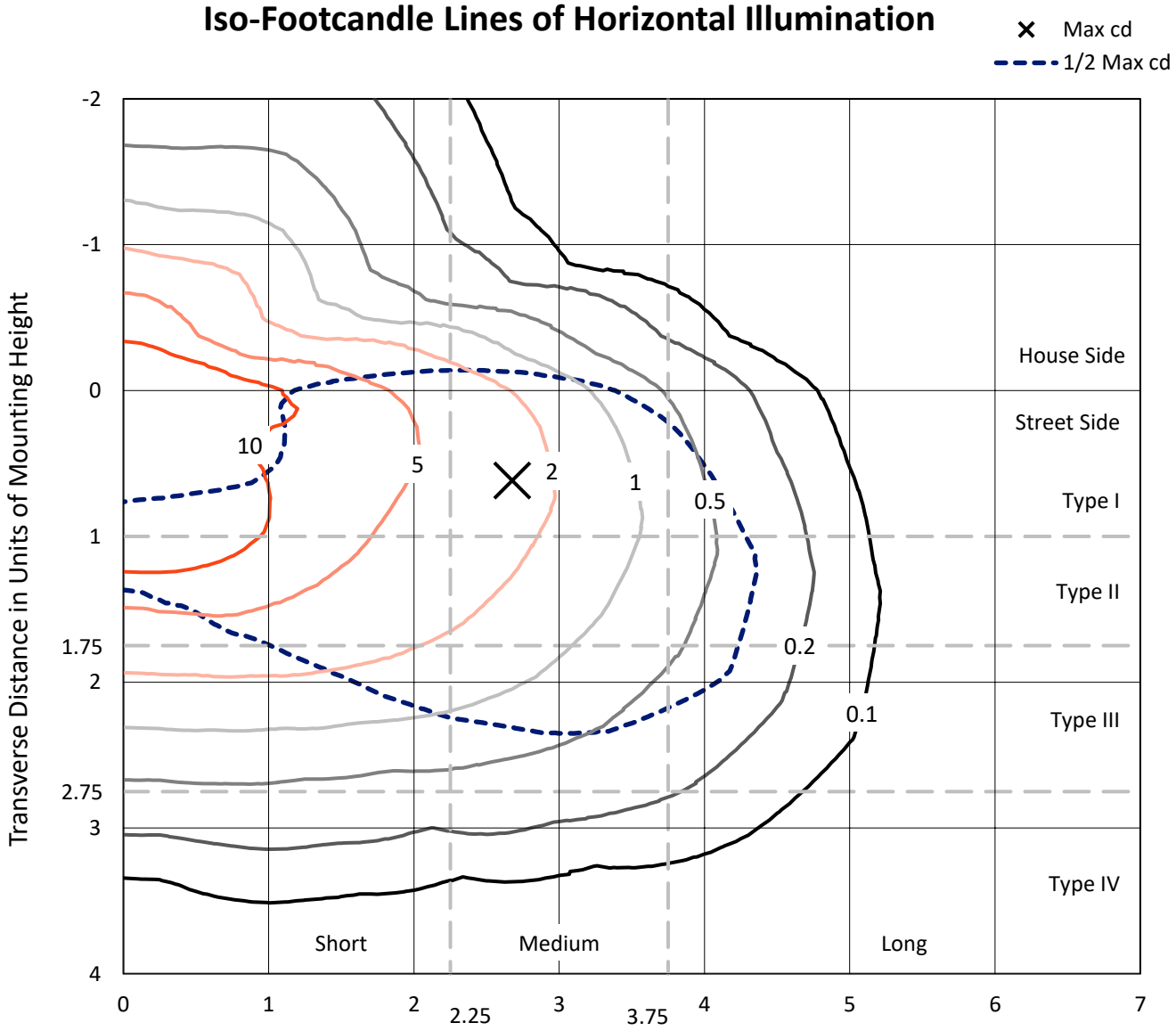


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Iso-Footcandle Lines of Horizontal Illumination



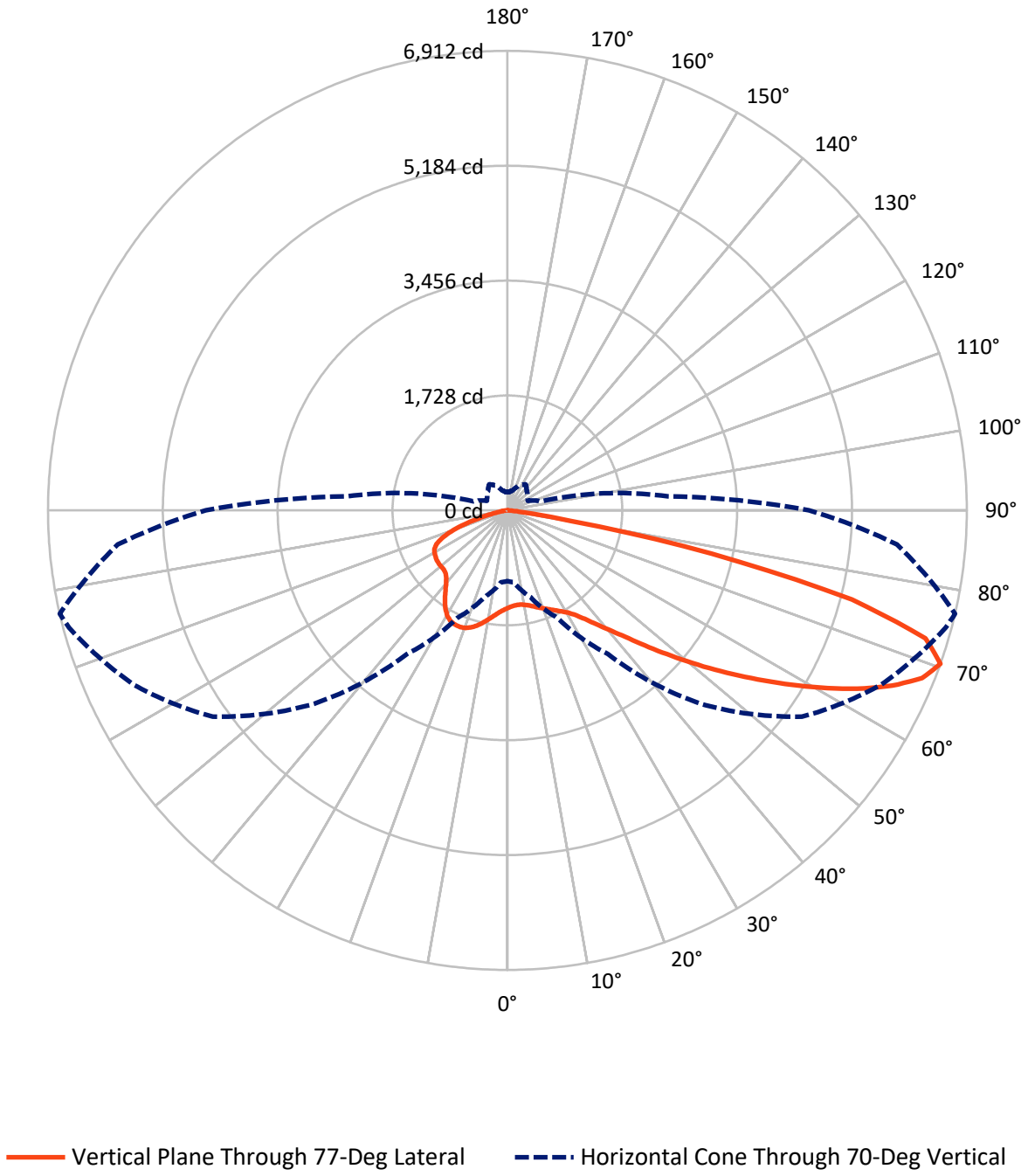
Based on 10 foot mounting height. Maximum calculated value = 17.4 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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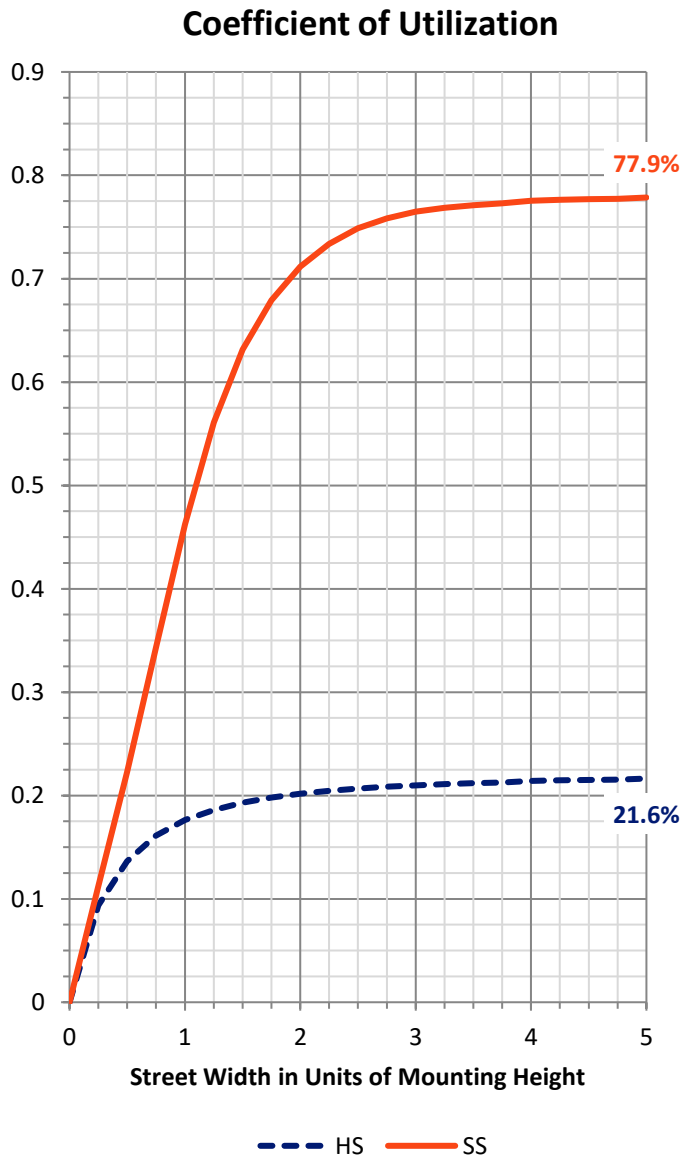
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2299.8	0.0	2299.8
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	8202.2	0.0	8202.2
	% Fixture	78.1	0.0	78.1
Total	Lumens	10502.0	0.0	10502.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.7	1.3
10°-20°	403.3	3.8
20°-30°	689.7	6.6
30°-40°	1109.1	10.6
40°-50°	1731.5	16.5
50°-60°	2312.9	22.0
60°-70°	2465.2	23.5
70°-80°	1517.6	14.5
80°-90°	133.0	1.3
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°	10502.0	100.0
0°-180°	10502.0	100.0



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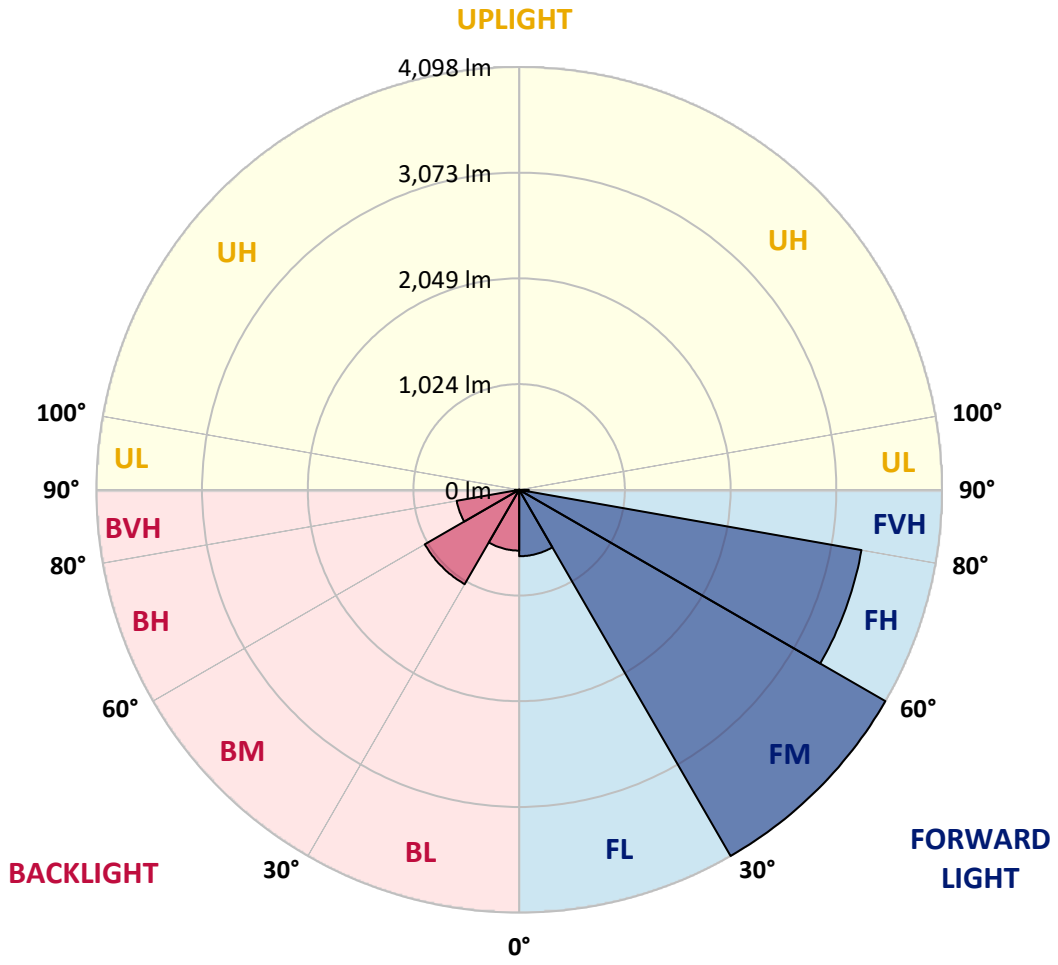
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	643.4	6.1			
FM	(30°-60°)	4097.7	39.0			
FH	(60°-80°)	3368.2	32.1			G2/5000
FVH	(80°-90°)	93.0	0.9			G1/100
BL	(0°-30°)	589.3	5.6	B2/1000		
BM	(30°-60°)	1055.9	10.1	B2/2500		
BH	(60°-80°)	614.6	5.9	B2/1000		G2/1000
BVH	(80°-90°)	40.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	*1465.1*	1465.1
2.5°	1350.6	1350.0	1357.0	1359.2	1372.1	1381.2	1398.4	1416.7	1440.4	*1443.1*	1457.6
5°	1272.6	1272.6	1280.6	1289.2	1305.9	1324.2	1350.6	1382.3	1423.2	*1429.6*	1465.7
7.5°	1206.4	1210.7	1217.7	1234.4	1253.7	1280.1	1320.4	1365.6	1419.4	*1429.6*	1487.7
10°	1153.2	1158.0	1166.6	1180.1	1209.1	1245.7	1298.4	1356.5	1428.6	*1444.7*	1520.0
12.5°	1136.5	1141.3	1146.2	1156.4	1183.3	1226.3	1289.2	1360.8	1450.6	*1466.7*	1564.1
15°	1175.2	1181.1	1177.4	1174.7	1188.7	1227.9	1293.5	1376.4	1478.0	*1501.2*	1618.4
17.5°	1264.5	1266.7	1258.0	1232.8	1230.6	1251.6	1314.0	1397.9	1512.5	*1537.7*	1673.3
20°	1408.6	1404.9	1387.1	1337.1	1308.6	1304.3	1348.9	1430.2	1548.0	*1574.8*	1732.4
22.5°	1604.4	1600.1	1564.6	1485.6	1422.1	1380.1	1399.5	1472.1	1587.8	*1617.9*	1790.0
25°	1848.6	1842.7	1790.5	1683.0	1584.5	1480.7	1468.4	1527.5	1636.7	*1664.7*	1850.2
27.5°	2133.7	2128.8	2072.4	1930.4	1788.4	1618.4	1553.9	1592.6	1687.8	*1719.5*	1918.0
30°	2440.3	2454.2	2354.2	2201.5	2021.8	1798.1	1669.0	1672.7	1754.0	*1782.5*	2000.3
32.5°	2800.6	2824.8	2704.3	2510.7	2265.5	1993.3	1814.2	1784.6	1850.2	*1873.9*	2104.1
35°	3157.8	3185.2	3085.2	2871.1	2588.7	2223.5	1965.9	1913.2	1978.2	*2004.1*	2241.8
37.5°	3466.5	3503.1	3451.4	3265.3	2934.6	2501.0	2163.8	2064.3	2135.8	*2168.1*	2426.8
40°	3710.1	3766.1	3762.3	3646.1	3342.2	2837.7	2415.0	2250.9	2331.6	*2366.6*	2651.1
42.5°	3908.1	3956.5	3998.4	3992.5	3767.7	3220.2	2710.3	2493.5	2554.8	*2595.2*	2903.4
45°	4044.7	4096.3	4186.7	4284.0	4177.0	3629.5	3048.6	2781.3	2837.2	*2898.0*	3204.0
47.5°	4166.8	4225.4	4342.7	4497.0	4524.5	4040.4	3419.2	3116.3	3167.4	*3230.4*	3505.8
50°	4177.5	4228.1	4409.9	4628.8	4771.3	4435.2	3817.2	3492.3	3540.2	*3607.4*	3829.0
52.5°	3917.8	3997.4	4314.7	4625.0	4884.8	4765.4	4212.5	3883.3	3937.1	*4017.8*	4163.6
55°	3041.0	3157.8	4035.5	4480.9	4844.5	4979.0	4588.5	4299.1	4367.9	*4452.4*	4500.3
57.5°	2619.4	2670.5	3203.5	4218.4	4660.5	5034.3	4905.8	4719.2	4830.0	*4922.5*	4856.3
60°	2354.2	2396.7	2711.9	3810.2	4418.5	4946.7	5151.1	5110.7	5302.2	*5412.5*	5220.4
62.5°	2070.2	2110.6	2397.2	3181.4	4108.7	4800.9	5306.0	5472.2	5786.3	*5906.8*	5563.6
65°	1788.4	1822.8	2097.6	2673.2	3715.0	4655.2	5386.1	5784.7	6234.3	*6359.1*	5848.7
67.5°	1474.3	1502.8	1762.6	2255.2	3236.3	4455.6	5425.9	6030.5	6624.3	*6731.3*	5989.6
70°	*1063.9*	*1085.9*	*1354.3*	*1783.5*	*2635.5*	*4112.5*	*5409.8*	*6204.7*	*6826.5*	*6912.0*	*5883.1*
72.5°	502.9	522.8	838.0	1158.0	1861.5	3444.4	5083.3	6066.5	6621.0	*6578.5*	5231.2
75°	268.4	285.6	481.4	635.2	983.2	2361.2	4159.8	5225.8	5559.8	*5353.3*	3866.1
77.5°	181.8	195.2	298.0	381.3	449.1	1120.9	2673.7	3618.2	3481.0	*3140.0*	1936.3
80°	144.1	158.1	244.2	258.2	217.3	405.0	1104.8	1674.9	1203.2	*962.2*	550.8
82.5°	110.8	126.4	205.5	187.2	118.3	166.2	321.6	529.8	308.2	*234.5*	133.4
85°	67.8	84.4	161.4	119.4	66.7	75.8	109.2	147.4	94.1	*78.5*	47.9
87.5°	34.4	48.4	81.8	43.6	30.1	17.7	29.0	29.0	24.7	*21.5*	12.4
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°	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1	1465.1
2.5°	1470.5	1481.3	1499.5	1516.8	1530.2	1543.1	1556.0	1563.0	1565.2	1573.8	1578.6
5°	1487.7	1507.6	1543.1	1576.5	1597.4	1610.3	1619.5	1624.9	1625.9	1628.6	1632.9
7.5°	1519.4	1551.2	1600.7	1634.0	1649.6	1648.5	1644.8	1631.3	1625.9	1621.1	1622.2
10°	1564.1	1606.0	1666.8	1689.9	1680.3	1654.5	1621.1	1581.8	1563.6	1545.8	1540.4
12.5°	1619.5	1672.7	1732.4	1731.4	1683.5	1617.3	1539.9	1479.6	1441.5	1414.0	1407.6
15°	1686.7	1748.0	1793.8	1757.2	1652.3	1533.4	1419.9	1341.4	1307.0	1276.9	1273.6
17.5°	1756.1	1821.7	1842.7	1749.1	1573.8	1409.2	1280.6	1218.8	1184.9	1168.8	1173.6
20°	1823.9	1889.0	1871.7	1702.9	1454.4	1268.3	1153.7	1119.8	1112.8	1116.6	1115.0
22.5°	1895.4	1953.5	1877.7	1613.6	1302.2	1124.1	1061.2	1062.3	1077.9	1089.2	1091.9
25°	1968.6	2007.8	1862.1	1484.5	1138.6	1018.2	1002.6	1019.8	1050.4	1072.5	1078.4
27.5°	2039.0	2056.2	1828.2	1324.7	998.3	942.3	945.0	980.5	1026.8	1057.4	1065.0
30°	2118.6	2099.3	1763.1	1145.1	900.9	877.2	899.8	941.3	987.5	1014.9	1021.4
32.5°	2208.4	2136.4	1659.8	978.9	832.1	825.1	862.2	889.1	909.5	917.6	921.9
35°	2320.3	2188.5	1527.5	862.2	770.2	786.9	822.4	808.9	800.9	796.6	800.9
37.5°	2465.5	2259.0	1372.6	786.3	720.2	759.5	774.0	732.0	700.3	684.7	688.5
40°	2640.3	2362.3	1223.6	727.7	688.5	735.8	710.5	660.0	619.6	597.6	599.2
42.5°	2834.5	2470.4	1098.3	683.6	670.7	716.4	663.7	603.5	538.4	531.4	538.4
45°	3038.4	2581.7	1012.8	649.7	662.1	699.8	636.8	539.5	493.2	521.7	536.8
47.5°	3242.2	2683.9	961.2	624.5	657.8	680.9	613.2	504.0	471.2	512.6	531.9
50°	3469.2	2775.3	938.0	606.2	653.0	673.4	577.7	494.8	448.0	475.5	495.9
52.5°	3694.5	2846.3	920.8	587.9	646.0	667.5	560.4	484.1	420.1	421.7	433.0
55°	3919.4	2892.6	902.0	563.7	630.4	654.6	558.8	472.2	399.1	391.6	396.9
57.5°	4159.3	2919.0	878.9	536.8	603.5	621.8	557.2	463.1	392.6	380.3	381.9
60°	4403.4	2957.7	848.7	504.0	567.4	582.5	553.5	459.9	388.9	367.9	369.5
62.5°	4622.4	2971.1	812.7	472.8	521.2	543.8	545.4	457.2	378.7	342.6	342.6
65°	4766.0	2913.0	749.8	437.3	471.2	504.0	529.8	448.0	360.4	324.3	324.3
67.5°	4760.0	2747.4	651.3	391.6	422.8	459.9	507.2	432.4	338.3	301.7	303.4
70°	*4538.4*	*2420.4*	*526.6*	*338.3*	*369.5*	*412.5*	*478.2*	*409.3*	*312.0*	*277.0*	*280.2*
72.5°	3892.5	1894.3	382.4	275.9	307.7	363.6	440.5	381.3	285.1	254.9	253.3
75°	2780.7	1198.9	259.2	211.9	239.3	308.2	393.7	348.5	260.3	256.0	241.5
77.5°	1420.5	572.8	171.6	154.9	166.7	243.1	330.8	311.4	264.1	211.4	188.3
80°	462.0	211.4	108.1	105.4	110.8	161.9	256.0	255.5	200.1	143.6	126.9
82.5°	147.4	90.9	70.5	67.8	65.1	101.7	178.6	202.2	135.0	90.9	90.4
85°	58.6	54.3	41.4	38.2	27.4	47.9	93.6	134.5	100.6	65.6	67.2
87.5°	21.5	21.5	11.3	8.1	5.9	16.1	25.3	40.3	57.6	33.9	33.3
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)