

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P722058

Luminaire Tested: **IFLD-S-SA6C-735-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722058
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-735-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

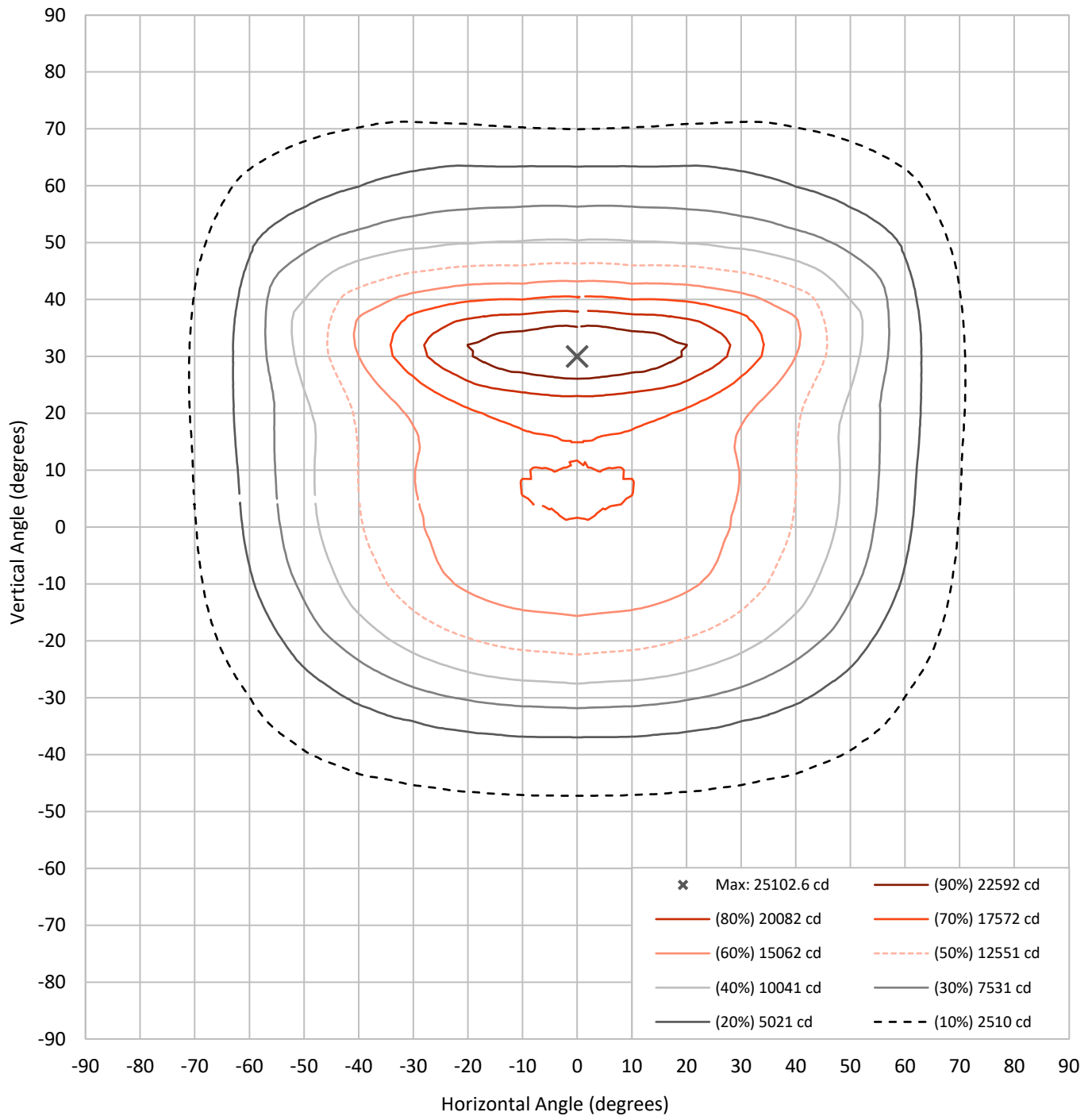
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	41902.6 lumens	Max Intensity:	25102.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	130.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24366.9 lumens	Field Lumens:	39268.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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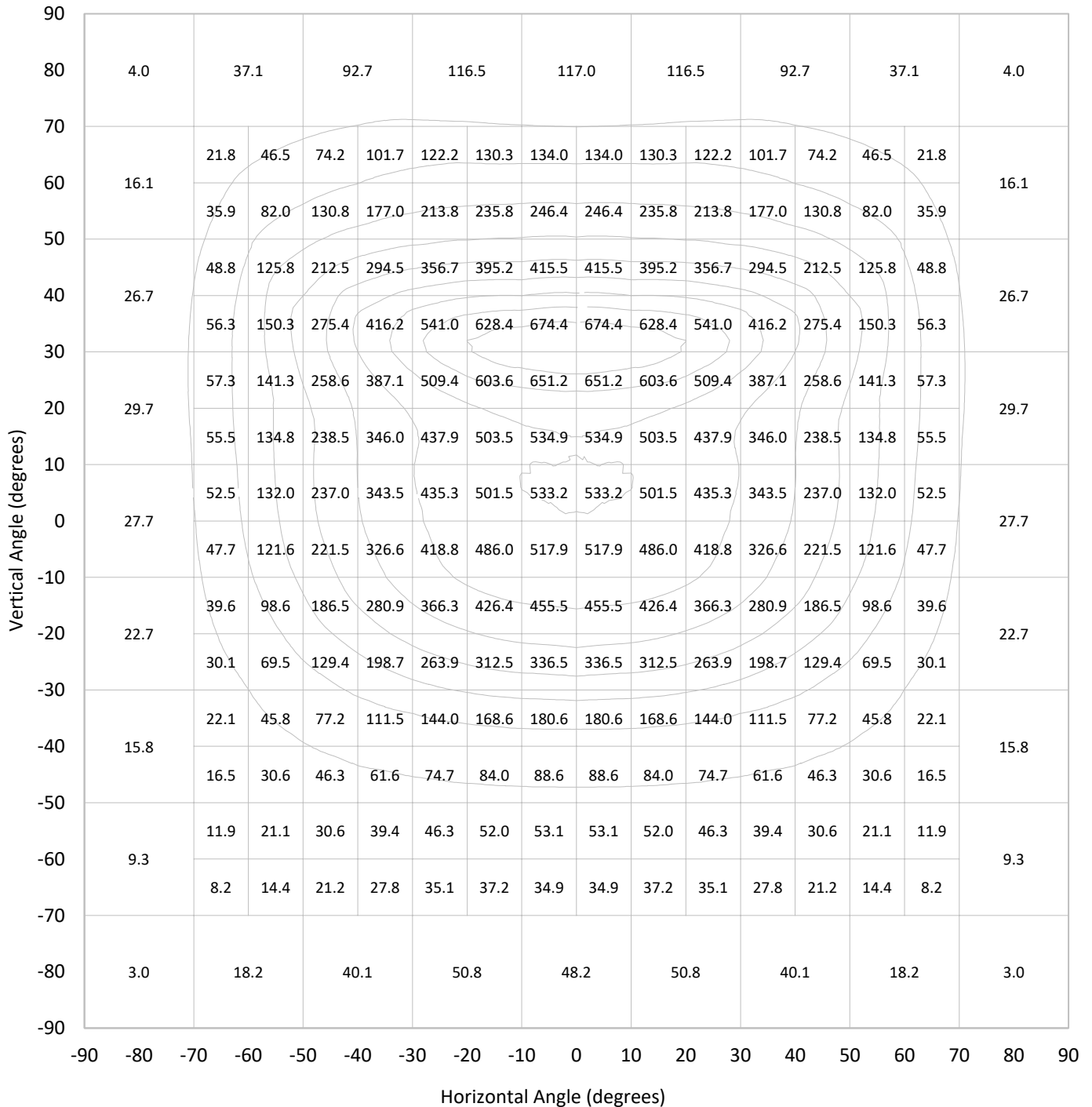
Iso-Candela Plot





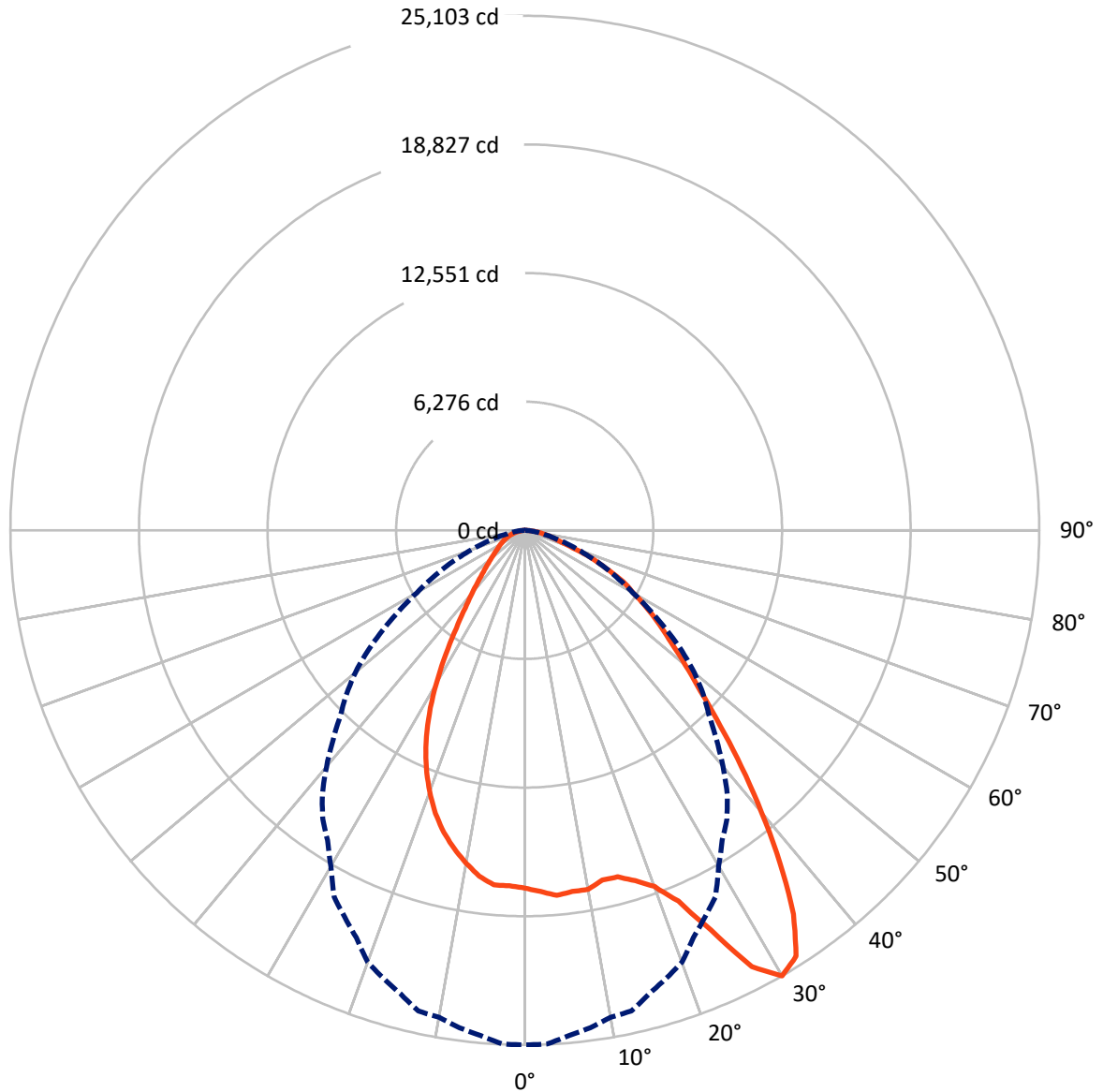
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Lumen Table



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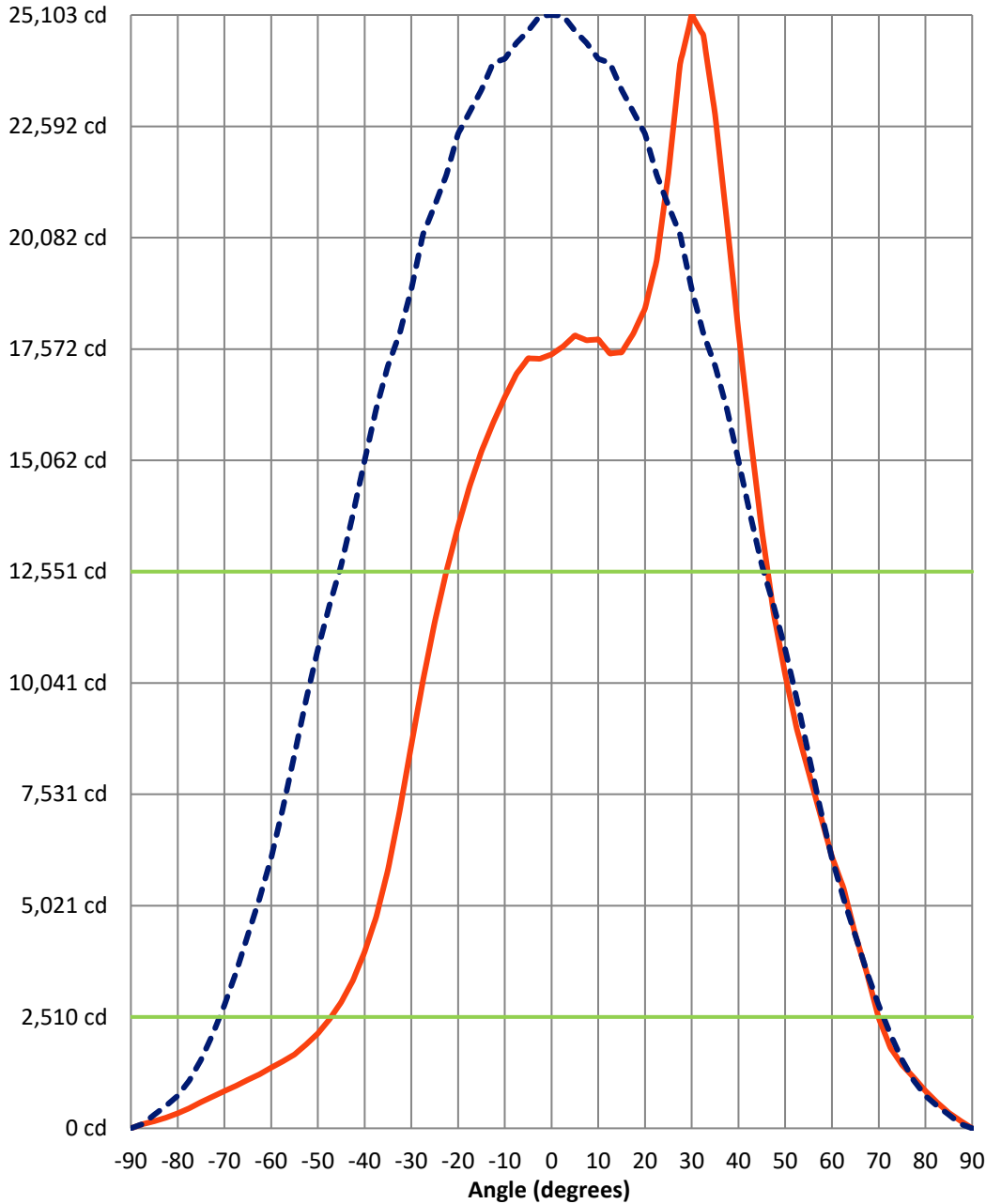
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
H Angle: 90.8°
V Angle: 68.8°
Lumens: 24366.9
Efficiency: 58.2%

Field:
H Angle: 142°
V Angle: 117.1°
Lumens: 39268.2
Efficiency: 93.7%

Spill:
Lumens: 2634.4
Efficiency: 6.3%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 30-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	168.7	173.1	177.6	177.6	173.1	173.1	173.1	168.7	173.1	173.1	173.1
85°	350.7	359.6	368.4	364.0	359.6	350.7	341.8	346.2	350.7	355.1	355.1
82.5°	581.5	594.8	603.7	599.3	590.4	581.5	572.6	577.1	586.0	590.4	590.4
80°	843.4	847.9	852.3	861.2	847.9	847.9	843.4	861.2	870.0	878.9	887.8
77.5°	1145.3	1149.7	1149.7	1154.1	1158.6	1163.0	1163.0	1194.1	1216.3	1229.6	1242.9
75°	1429.4	1442.7	1456.0	1469.3	1487.1	1495.9	1509.3	1553.7	1589.2	1615.8	1642.4
72.5°	1820.0	1837.8	1859.9	1891.0	1922.1	1944.3	1975.4	2028.6	2068.6	2095.2	2126.3
70°	2490.3	2508.0	2530.2	2552.4	2583.5	2605.7	2636.8	2703.4	2743.3	2761.1	2778.8
67.5°	3484.6	3529.0	3569.0	3524.6	3502.4	3471.3	3480.2	3542.3	3582.3	3608.9	3604.5
65°	4368.0	4399.1	4399.1	4394.6	4376.9	4336.9	4359.1	4434.6	4479.0	4501.2	4434.6
62.5°	5406.7	5406.7	5384.5	5420.0	5424.5	5397.8	5384.5	5389.0	5393.4	5406.7	5295.7
60°	6125.8	6170.2	6183.6	6214.6	6223.5	6223.5	6245.7	6263.5	6263.5	6236.8	6108.1
57.5°	7075.8	7160.1	7177.9	7155.7	7111.3	7053.6	7044.7	7018.1	6964.8	6911.6	6849.4
55°	8034.6	8079.0	8074.6	8061.3	8016.9	7950.3	7959.2	7923.6	7839.3	7772.7	7688.4
52.5°	8997.9	9104.4	9122.2	9095.5	9033.4	8962.4	8966.8	8926.9	8842.5	8771.5	8656.1
50°	10227.5	10316.3	10307.4	10263.0	10174.2	10121.0	10125.4	10049.9	9952.3	9930.1	9779.2
47.5°	11634.7	11736.8	11719.0	11656.9	11537.0	11514.8	11537.0	11439.3	11381.6	11332.8	11155.3
45°	13481.3	13601.1	13534.6	13414.7	13223.8	13246.0	13277.1	13259.3	13135.1	13006.3	12779.9
42.5°	15647.5	15723.0	15643.1	15523.2	15283.5	15327.9	15310.2	15203.6	15128.2	14915.1	14626.6
40°	17964.7	18128.9	18004.7	17818.2	17569.6	17636.2	17587.4	17449.8	17272.2	17005.9	16641.9
37.5°	20463.9	20592.6	20450.6	20233.0	20011.1	19988.9	19891.2	19678.2	19425.1	19132.2	18550.7
35°	22856.5	23189.4	22927.5	22581.3	22310.5	22208.4	22115.2	21622.5	21333.9	20858.9	20064.4
32.5°	24636.5	24880.7	24556.6	24197.1	23868.6	23726.5	23398.1	22812.1	22656.7	21658.0	20930.0
30°	25102.6	25084.9	24747.5	24472.3	24117.2	24019.5	23415.8	22918.6	22421.5	21498.2	20805.7
27.5°	23992.9	23881.9	23557.9	23318.2	22967.5	22852.1	22257.2	21990.9	21222.9	20441.7	19855.7
25°	21520.4	21578.1	21333.9	21214.1	20983.2	20734.7	20499.4	20139.8	19660.4	18976.8	18439.7
22.5°	19571.6	19647.1	19545.0	19402.9	19225.4	19087.8	18910.2	18630.6	18168.9	17747.2	17241.1
20°	18488.5	18466.3	18377.5	18271.0	18102.3	18004.7	17809.3	17574.1	17218.9	16854.9	16309.0
17.5°	17920.3	17782.7	17698.4	17658.4	17569.6	17445.3	17214.5	16974.8	16699.6	16286.8	15887.2
15°	17498.6	17520.8	17454.2	17423.1	17352.1	17179.0	16943.7	16748.4	16375.5	16166.9	15802.9
12.5°	17472.0	17449.8	17454.2	17440.9	17352.1	17130.2	17010.3	16761.7	16522.0	16246.8	15829.5
10°	17787.1	17551.9	17569.6	17631.8	17489.7	17312.2	17183.4	16912.7	16686.3	16335.6	15922.8
7.5°	17769.4	17649.5	17685.0	17582.9	17627.3	17409.8	17232.3	16961.5	16677.4	16304.5	15931.6
5°	17875.9	17693.9	17662.9	17671.7	17560.8	17396.5	17156.8	16899.3	16633.0	16215.7	15834.0
2.5°	17631.8	17658.4	17516.4	17463.1	17449.8	17174.6	16952.6	16704.0	16428.8	16060.4	15718.6
0°	17449.8	17498.6	17352.1	17276.7	17272.2	17036.9	16894.9	16610.8	16415.5	16109.2	15696.4
-2.5°	17352.1	17409.8	17427.6	17290.0	17156.8	16974.8	16735.1	16428.8	16109.2	15754.1	15399.0
-5°	17361.0	17245.6	17196.8	17241.1	17125.7	16943.7	16677.4	16406.6	16091.4	15709.7	15265.8
-7.5°	17010.3	16894.9	16886.0	16863.8	16837.2	16664.1	16442.1	16149.1	15829.5	15474.4	15061.6
-10°	16486.5	16402.2	16380.0	16357.8	16286.8	16184.7	15976.0	15709.7	15421.1	15066.0	14626.6
-12.5°	15905.0	15865.0	15780.7	15723.0	15652.0	15532.1	15332.4	15088.2	14799.7	14484.5	14107.2
-15°	15261.3	15185.9	15101.5	15052.7	14950.6	14808.6	14608.8	14382.4	14067.2	13756.5	13401.4
-17.5°	14484.5	14391.3	14298.1	14284.8	14213.7	13996.2	13809.8	13534.6	13259.3	12961.9	12615.7
-20°	13570.1	13441.3	13379.2	13343.7	13246.0	13086.2	12886.5	12633.4	12367.1	12083.0	11683.5



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	12558.0	12447.0	12340.5	12273.9	12189.5	12065.2	11874.4	11652.4	11390.5	11070.9	10702.5
-25°	11408.3	11252.9	11186.3	11110.9	11066.5	10951.1	10764.6	10560.4	10289.6	9978.9	9628.2
-27.5°	10094.3	9970.0	9934.5	9828.0	9774.7	9654.9	9499.5	9308.6	9060.0	8767.1	8478.5
-30°	8642.8	8567.3	8509.6	8403.1	8363.1	8234.4	8132.3	7972.5	7746.1	7537.5	7306.6
-32.5°	7151.3	7075.8	7058.0	7009.2	6982.6	6898.2	6782.8	6667.4	6485.4	6330.0	6143.6
-35°	5828.4	5775.2	5779.6	5775.2	5748.5	5686.4	5544.3	5513.3	5380.1	5238.0	5118.2
-37.5°	4771.9	4776.4	4771.9	4767.5	4732.0	4705.4	4603.3	4563.3	4483.4	4345.8	4274.8
-40°	3977.4	3986.2	3981.8	3972.9	3933.0	3919.7	3853.1	3799.8	3768.7	3671.1	3595.6
-42.5°	3333.7	3347.0	3342.6	3338.1	3311.5	3307.1	3271.6	3209.4	3191.7	3133.9	3054.0
-45°	2845.4	2841.0	2832.1	2841.0	2827.7	2814.3	2792.1	2752.2	2730.0	2703.4	2636.8
-47.5°	2459.2	2463.7	2454.8	2454.8	2437.0	2423.7	2414.8	2388.2	2370.4	2348.2	2308.3
-50°	2139.6	2157.4	2152.9	2148.5	2135.2	2126.3	2126.3	2099.7	2073.0	2064.1	2037.5
-52.5°	1891.0	1904.3	1908.8	1917.7	1922.1	1926.5	1913.2	1886.6	1842.2	1837.8	1824.4
-55°	1664.6	1704.6	1731.2	1749.0	1766.7	1780.0	1753.4	1717.9	1673.5	1655.8	1651.3
-57.5°	1509.3	1549.2	1580.3	1606.9	1629.1	1651.3	1624.7	1589.2	1549.2	1527.0	1522.6
-60°	1367.2	1402.7	1433.8	1469.3	1500.4	1535.9	1522.6	1495.9	1473.8	1456.0	1438.2
-62.5°	1216.3	1251.8	1287.3	1331.7	1371.7	1407.2	1411.6	1407.2	1402.7	1407.2	1376.1
-65°	1092.0	1109.8	1131.9	1180.8	1225.2	1265.1	1287.3	1300.6	1322.8	1345.0	1313.9
-67.5°	958.8	981.0	1007.7	1043.2	1078.7	1105.3	1136.4	1171.9	1207.4	1242.9	1220.7
-70°	839.0	856.7	878.9	896.7	918.9	936.6	963.3	1003.2	1043.2	1078.7	1069.8
-72.5°	714.7	732.4	745.8	754.6	768.0	776.8	790.1	825.7	852.3	870.0	870.0
-75°	590.4	608.1	621.5	625.9	634.8	639.2	648.1	661.4	674.7	679.2	683.6
-77.5°	452.8	470.5	483.9	492.7	501.6	510.5	514.9	523.8	528.2	528.2	532.7
-80°	337.4	350.7	359.6	372.9	377.3	386.2	395.1	399.5	404.0	404.0	408.4
-82.5°	239.7	248.6	257.5	266.3	275.2	279.7	288.5	293.0	297.4	301.9	306.3
-85°	159.8	168.7	177.6	186.4	190.9	195.3	199.8	204.2	208.6	213.1	217.5
-87.5°	93.2	97.7	102.1	111.0	115.4	124.3	128.7	124.3	128.7	128.7	128.7
-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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	173.1	173.1	173.1	173.1	168.7	159.8	155.4	146.5	137.6	128.7	119.9
85°	359.6	364.0	364.0	364.0	355.1	350.7	337.4	324.0	306.3	279.7	257.5
82.5°	599.3	603.7	603.7	599.3	590.4	577.1	559.3	537.1	501.6	466.1	435.0
80°	901.1	905.6	905.6	901.1	878.9	856.7	834.5	807.9	763.5	714.7	661.4
77.5°	1260.7	1269.6	1269.6	1256.2	1225.2	1198.5	1163.0	1118.6	1052.0	981.0	910.0
75°	1677.9	1700.1	1704.6	1691.3	1651.3	1602.5	1544.8	1469.3	1367.2	1278.4	1194.1
72.5°	2161.8	2184.0	2201.8	2184.0	2126.3	2059.7	1975.4	1886.6	1784.5	1664.6	1522.6
70°	2796.6	2818.8	2832.1	2774.4	2672.3	2561.3	2459.2	2357.1	2237.3	2090.8	1935.4
67.5°	3595.6	3573.4	3546.8	3431.4	3302.6	3169.5	3027.4	2876.5	2721.1	2565.8	2383.8
65°	4363.6	4301.4	4243.7	4106.1	3941.8	3768.7	3604.5	3435.8	3249.4	3054.0	2880.9
62.5°	5171.5	5038.3	4896.2	4727.6	4558.9	4368.0	4203.7	4004.0	3795.4	3555.7	3333.7
60°	5966.0	5806.2	5664.2	5455.6	5233.6	4976.1	4798.6	4603.3	4359.1	4101.7	3839.8
57.5°	6734.0	6560.9	6405.5	6223.5	5983.8	5704.1	5508.8	5255.8	4998.3	4674.3	4407.9
55°	7550.8	7377.6	7253.4	7049.2	6787.3	6529.8	6316.7	6050.4	5690.8	5344.6	5016.1
52.5°	8487.4	8349.8	8216.6	8008.0	7692.8	7430.9	7195.6	6898.2	6520.9	6094.8	5699.7
50°	9535.0	9464.0	9321.9	9077.8	8718.2	8487.4	8176.7	7781.6	7377.6	6929.3	6436.6
47.5°	10924.4	10809.0	10609.3	10342.9	10041.1	9694.8	9277.5	8815.9	8243.3	7746.1	7222.3
45°	12584.6	12371.5	12114.1	11754.5	11381.6	10991.0	10533.8	9947.8	9179.9	8531.8	7981.4
42.5°	14382.4	14093.9	13743.2	13272.7	12788.8	12309.4	11816.7	11017.6	10058.8	9313.1	8691.6
40°	16260.1	15891.7	15452.2	14768.6	14231.5	13614.5	13050.7	11856.6	10835.6	10027.7	9366.3
37.5°	18097.9	17631.8	16894.9	16064.8	15438.9	14932.9	13694.4	12415.9	11501.5	10613.7	9943.4
35°	19505.0	19110.0	17809.3	16948.2	16411.0	15612.0	14062.8	12753.3	11785.6	11048.7	10005.5
32.5°	20339.6	19318.6	18177.8	17307.7	16863.8	15554.3	14089.4	12851.0	11918.8	11093.1	9845.7
30°	20153.1	18919.1	17920.3	17192.3	16229.0	15052.7	13840.9	12700.0	11794.5	10795.7	9668.2
27.5°	19030.1	18075.7	17183.4	16424.4	15478.9	14422.4	13303.7	12300.5	11457.1	10489.4	9424.0
25°	17760.5	16894.9	16233.5	15572.1	14675.4	13667.7	12682.3	11958.7	11110.9	10156.5	9104.4
22.5°	16593.0	15971.6	15452.2	14759.7	13885.2	13006.3	12393.7	11643.5	10773.5	9805.8	8775.9
20°	15847.3	15425.6	14830.8	14067.2	13379.2	12828.8	12149.6	11355.0	10458.3	9446.2	8496.3
17.5°	15487.7	14999.4	14338.0	13840.9	13312.6	12708.9	11949.8	11106.4	10152.0	9282.0	8527.4
15°	15301.3	14786.4	14351.3	13863.1	13268.2	12633.4	11790.0	10915.5	10152.0	9348.6	8549.5
12.5°	15341.2	14897.3	14422.4	13889.7	13250.5	12571.3	11807.8	10995.4	10205.3	9397.4	8554.0
10°	15465.5	14999.4	14493.4	13903.0	13259.3	12589.1	11856.6	11044.3	10231.9	9419.6	8545.1
7.5°	15509.9	15003.9	14462.3	13867.5	13237.2	12580.2	11865.5	11057.6	10236.4	9415.2	8518.5
5°	15372.3	14915.1	14391.3	13792.0	13175.0	12535.8	11830.0	11039.8	10200.9	9370.8	8451.9
2.5°	15185.9	14817.4	14315.8	13738.8	13112.9	12473.6	11772.3	10959.9	10121.0	9290.9	8367.5
0°	15154.8	14697.6	14191.5	13676.6	13010.8	12336.0	11639.1	10809.0	9974.5	9139.9	8221.1
-2.5°	14950.6	14466.8	13960.7	13401.4	12815.4	12136.3	11403.8	10591.5	9765.8	8944.6	8061.3
-5°	14795.2	14258.1	13721.0	13117.3	12526.9	11847.7	11088.7	10298.5	9490.6	8691.6	7839.3
-7.5°	14586.6	14036.2	13472.4	12842.1	12202.9	11510.4	10760.2	9970.0	9175.4	8380.9	7564.1
-10°	14164.9	13681.1	13152.8	12500.3	11825.5	11133.1	10387.3	9610.5	8815.9	8012.4	7191.2
-12.5°	13654.4	13143.9	12566.9	11967.6	11363.9	10720.2	9974.5	9211.0	8411.9	7604.0	6787.3
-15°	12993.0	12491.4	11901.0	11315.1	10733.5	10116.5	9459.5	8771.5	7959.2	7164.6	6347.8
-17.5°	12167.3	11696.8	11168.6	10609.3	10032.2	9410.7	8771.5	8190.0	7430.9	6685.2	5877.3
-20°	11279.5	10840.1	10365.1	9836.9	9259.8	8651.6	8047.9	7439.8	6782.8	6125.8	5375.7



REPORT NUMBER: P722058
 CATALOG NUMBER: IFLD-S-SA6C-735-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10356.2	9912.3	9432.9	8940.2	8407.5	7843.7	7284.4	6702.9	6125.8	5531.0	4896.2
-25°	9290.9	8900.2	8460.8	7981.4	7506.4	7013.6	6481.0	5952.7	5460.0	4945.1	4425.7
-27.5°	8176.7	7817.1	7417.6	7000.3	6591.9	6179.1	5717.5	5229.2	4820.8	4394.6	3964.0
-30°	7004.8	6716.2	6392.2	6028.2	5713.0	5380.1	4993.9	4589.9	4217.1	3893.0	3546.8
-32.5°	5895.0	5650.9	5420.0	5180.3	4869.6	4612.1	4345.8	4048.4	3719.9	3413.6	3165.0
-35°	4940.6	4678.7	4581.1	4403.5	4181.6	3955.2	3759.8	3546.8	3298.2	3027.4	2823.2
-37.5°	4137.2	3981.8	3844.2	3746.5	3600.0	3418.0	3262.7	3107.3	2916.4	2712.2	2508.0
-40°	3511.3	3404.7	3253.8	3205.0	3111.8	2987.5	2827.7	2707.8	2579.1	2423.7	2250.6
-42.5°	3009.7	2929.8	2832.1	2747.8	2707.8	2619.0	2494.7	2379.3	2277.2	2170.7	2037.5
-45°	2596.8	2543.6	2481.4	2405.9	2374.9	2303.9	2215.1	2086.3	2028.6	1939.9	1842.2
-47.5°	2263.9	2237.3	2192.9	2144.0	2099.7	2046.4	1966.5	1886.6	1806.7	1749.0	1673.5
-50°	2002.0	1984.2	1957.6	1917.7	1859.9	1824.4	1771.2	1700.1	1624.7	1575.9	1522.6
-52.5°	1793.4	1775.6	1757.9	1726.8	1682.4	1646.9	1602.5	1544.8	1482.6	1433.8	1389.4
-55°	1633.6	1606.9	1593.6	1567.0	1531.5	1491.5	1451.6	1411.6	1358.3	1313.9	1269.6
-57.5°	1509.3	1473.8	1456.0	1433.8	1398.3	1358.3	1327.3	1287.3	1251.8	1203.0	1163.0
-60°	1411.6	1371.7	1336.1	1313.9	1282.9	1242.9	1211.9	1180.8	1145.3	1105.3	1056.5
-62.5°	1331.7	1282.9	1234.0	1207.4	1176.3	1140.8	1109.8	1078.7	1043.2	1003.2	958.8
-65°	1256.2	1198.5	1136.4	1109.8	1078.7	1043.2	1003.2	981.0	949.9	914.4	870.0
-67.5°	1163.0	1100.9	1047.6	1016.5	985.5	954.4	918.9	896.7	865.6	821.2	776.8
-70°	1025.4	985.5	949.9	923.3	896.7	870.0	834.5	799.0	763.5	723.6	683.6
-72.5°	852.3	839.0	834.5	821.2	790.1	759.1	723.6	688.0	657.0	625.9	594.8
-75°	688.0	696.9	705.8	701.4	670.3	639.2	608.1	577.1	554.9	528.2	501.6
-77.5°	546.0	554.9	563.8	563.8	541.6	523.8	501.6	479.4	461.7	439.5	412.8
-80°	421.7	435.0	448.3	457.2	439.5	426.1	408.4	390.6	372.9	355.1	337.4
-82.5°	319.6	332.9	346.2	355.1	341.8	332.9	319.6	306.3	293.0	275.2	261.9
-85°	230.8	239.7	248.6	253.0	244.1	235.3	226.4	217.5	208.6	195.3	186.4
-87.5°	133.2	137.6	142.0	146.5	137.6	128.7	124.3	115.4	111.0	102.1	97.7
-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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	111.0	102.1	93.2	88.8	79.9	66.6	57.7	48.8	40.0	31.1	26.6
85°	235.3	213.1	186.4	173.1	155.4	137.6	119.9	102.1	84.3	66.6	48.8
82.5°	404.0	377.3	350.7	319.6	279.7	230.8	182.0	150.9	124.3	97.7	75.5
80°	608.1	559.3	514.9	475.0	430.6	368.4	301.9	239.7	168.7	128.7	97.7
77.5°	843.4	785.7	723.6	657.0	586.0	501.6	426.1	346.2	261.9	177.6	124.3
75°	1109.8	1034.3	949.9	856.7	763.5	652.5	546.0	452.8	355.1	248.6	150.9
72.5°	1407.2	1313.9	1211.9	1087.6	941.1	812.3	683.6	559.3	443.9	315.2	204.2
70°	1788.9	1642.4	1491.5	1358.3	1171.9	967.7	816.8	674.7	528.2	386.2	257.5
67.5°	2197.3	2019.8	1837.8	1642.4	1407.2	1167.5	949.9	790.1	617.0	452.8	306.3
65°	2641.2	2419.3	2188.4	1970.9	1646.9	1362.8	1118.6	901.1	701.4	514.9	355.1
62.5°	3098.4	2836.5	2570.2	2286.1	1913.2	1562.5	1278.4	1025.4	781.3	572.6	399.5
60°	3586.7	3280.4	2956.4	2601.3	2166.2	1780.0	1429.4	1154.1	865.6	630.3	448.3
57.5°	4101.7	3768.7	3387.0	2907.6	2428.1	1988.7	1602.5	1269.6	941.1	683.6	483.9
55°	4661.0	4279.2	3861.9	3227.2	2685.6	2197.3	1775.6	1385.0	1021.0	728.0	519.4
52.5°	5264.7	4820.8	4292.5	3564.5	2956.4	2410.4	1935.4	1487.1	1096.4	776.8	550.4
50°	5939.4	5380.1	4669.8	3875.3	3191.7	2610.1	2095.2	1598.0	1158.6	830.1	577.1
47.5°	6640.8	6037.1	5007.2	4163.8	3431.4	2805.5	2259.5	1695.7	1220.7	874.5	603.7
45°	7373.2	6494.3	5357.9	4421.3	3640.0	2983.0	2383.8	1784.5	1296.2	914.4	625.9
42.5°	8096.8	6840.5	5664.2	4678.7	3835.3	3142.8	2485.8	1868.8	1358.3	954.4	648.1
40°	8438.6	7102.4	5908.3	4856.3	3999.6	3284.9	2574.6	1944.3	1411.6	981.0	670.3
37.5°	8580.6	7262.2	6068.1	5025.0	4128.3	3360.3	2650.1	2010.9	1456.0	1007.7	688.0
35°	8611.7	7319.9	6148.0	5140.4	4234.8	3431.4	2707.8	2059.7	1491.5	1034.3	705.8
32.5°	8554.0	7302.2	6170.2	5180.3	4301.4	3484.6	2747.8	2095.2	1518.1	1060.9	723.6
30°	8425.3	7209.0	6090.3	5175.9	4350.2	3515.7	2774.4	2121.9	1544.8	1078.7	732.4
27.5°	8216.6	7044.7	5988.2	5180.3	4376.9	3529.0	2787.7	2135.2	1562.5	1092.0	750.2
25°	7959.2	6822.8	5992.7	5171.5	4381.3	3533.5	2787.7	2135.2	1567.0	1096.4	763.5
22.5°	7661.7	6822.8	5992.7	5158.1	4354.7	3524.6	2774.4	2126.3	1567.0	1105.3	776.8
20°	7679.5	6827.2	5979.4	5131.5	4314.7	3497.9	2743.3	2104.1	1553.7	1118.6	785.7
17.5°	7692.8	6818.3	5952.7	5096.0	4261.5	3453.6	2703.4	2073.0	1553.7	1131.9	790.1
15°	7692.8	6791.7	5912.8	5042.7	4194.9	3391.4	2645.7	2046.4	1558.1	1136.4	799.0
12.5°	7679.5	6742.9	5850.6	4971.7	4115.0	3315.9	2610.1	2037.5	1558.1	1140.8	799.0
10°	7652.9	6676.3	5770.7	4882.9	4039.5	3289.3	2592.4	2019.8	1549.2	1140.8	799.0
7.5°	7604.0	6596.4	5704.1	4829.7	3995.1	3258.2	2565.8	1993.1	1535.9	1131.9	807.9
5°	7528.6	6552.0	5650.9	4767.5	3933.0	3236.0	2548.0	1970.9	1527.0	1131.9	799.0
2.5°	7430.9	6498.7	5588.7	4687.6	3861.9	3160.6	2490.3	1922.1	1495.9	1114.2	790.1
0°	7271.1	6392.2	5482.2	4576.6	3764.3	3085.1	2432.6	1873.3	1464.9	1096.4	781.3
-2.5°	7124.6	6250.1	5344.6	4461.2	3671.1	3018.5	2388.2	1846.6	1451.6	1092.0	776.8
-5°	6920.4	6054.8	5162.6	4310.3	3546.8	2951.9	2343.8	1815.6	1438.2	1083.1	776.8
-7.5°	6694.0	5850.6	4971.7	4154.9	3422.5	2836.5	2259.5	1766.7	1407.2	1065.4	772.4
-10°	6343.4	5544.3	4732.0	3977.4	3289.3	2734.4	2188.4	1722.3	1380.5	1047.6	754.6
-12.5°	5970.5	5207.0	4456.8	3759.8	3138.4	2627.9	2108.5	1673.5	1349.5	1029.9	745.8
-15°	5575.4	4860.7	4168.2	3533.5	2974.1	2499.2	2024.2	1620.2	1318.4	1007.7	732.4
-17.5°	5162.6	4496.7	3870.8	3302.6	2809.9	2366.0	1935.4	1571.4	1282.9	985.5	719.1
-20°	4727.6	4123.8	3569.0	3067.4	2636.8	2232.8	1842.2	1513.7	1242.9	958.8	701.4



REPORT NUMBER: P722058

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4297.0	3755.4	3258.2	2836.5	2459.2	2095.2	1749.0	1456.0	1198.5	927.8	688.0
-25°	3915.2	3409.2	2983.0	2614.6	2286.1	1962.0	1651.3	1398.3	1149.7	896.7	670.3
-27.5°	3542.3	3111.8	2712.2	2405.9	2117.4	1833.3	1558.1	1336.1	1100.9	861.2	652.5
-30°	3196.1	2827.7	2499.2	2201.8	1957.6	1717.9	1478.2	1274.0	1047.6	825.7	630.3
-32.5°	2880.9	2583.5	2308.3	2024.2	1806.7	1602.5	1402.7	1211.9	994.3	790.1	608.1
-35°	2587.9	2357.1	2117.4	1877.7	1655.8	1495.9	1322.8	1145.3	945.5	750.2	586.0
-37.5°	2326.0	2139.6	1948.7	1744.5	1553.7	1393.9	1247.4	1078.7	896.7	714.7	563.8
-40°	2099.7	1948.7	1780.0	1615.8	1456.0	1305.1	1171.9	1012.1	847.9	688.0	541.6
-42.5°	1891.0	1775.6	1638.0	1500.4	1358.3	1225.2	1096.4	941.1	799.0	657.0	519.4
-45°	1731.2	1615.8	1504.8	1380.5	1260.7	1145.3	1016.5	878.9	754.6	621.5	497.2
-47.5°	1580.3	1478.2	1376.1	1274.0	1176.3	1069.8	941.1	825.7	705.8	590.4	479.4
-50°	1447.1	1349.5	1260.7	1171.9	1087.6	985.5	865.6	772.4	665.9	559.3	457.2
-52.5°	1322.8	1238.5	1149.7	1078.7	1007.7	905.6	807.9	719.1	625.9	523.8	435.0
-55°	1211.9	1131.9	1052.0	985.5	918.9	830.1	750.2	674.7	586.0	497.2	412.8
-57.5°	1105.3	1038.7	963.3	901.1	834.5	763.5	696.9	625.9	546.0	470.5	390.6
-60°	1007.7	945.5	878.9	816.8	759.1	701.4	639.2	581.5	510.5	439.5	368.4
-62.5°	910.0	856.7	799.0	736.9	692.5	639.2	590.4	532.7	475.0	412.8	328.5
-65°	821.2	772.4	719.1	665.9	625.9	586.0	541.6	488.3	439.5	381.8	293.0
-67.5°	732.4	688.0	643.7	599.3	563.8	532.7	488.3	448.3	408.4	346.2	257.5
-70°	648.1	612.6	572.6	537.1	510.5	475.0	443.9	408.4	372.9	301.9	217.5
-72.5°	568.2	532.7	501.6	475.0	452.8	421.7	395.1	368.4	319.6	253.0	182.0
-75°	475.0	452.8	435.0	412.8	390.6	368.4	346.2	315.2	266.3	204.2	142.0
-77.5°	390.6	377.3	364.0	346.2	328.5	310.7	284.1	253.0	213.1	159.8	115.4
-80°	319.6	306.3	297.4	279.7	266.3	248.6	222.0	195.3	155.4	124.3	93.2
-82.5°	244.1	235.3	226.4	217.5	204.2	186.4	159.8	137.6	115.4	93.2	71.0
-85°	173.1	168.7	159.8	150.9	137.6	124.3	106.5	93.2	79.9	62.1	48.8
-87.5°	88.8	84.3	79.9	75.5	71.0	62.1	53.3	44.4	40.0	31.1	22.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	17.8	13.3	4.4	0.0
85°	35.5	22.2	8.9	0.0
82.5°	53.3	35.5	13.3	0.0
80°	71.0	44.4	22.2	0.0
77.5°	88.8	53.3	26.6	0.0
75°	106.5	66.6	31.1	0.0
72.5°	119.9	75.5	35.5	0.0
70°	142.0	88.8	40.0	0.0
67.5°	177.6	97.7	44.4	0.0
65°	208.6	106.5	48.8	0.0
62.5°	244.1	115.4	53.3	0.0
60°	275.2	124.3	57.7	0.0
57.5°	306.3	146.5	62.1	0.0
55°	332.9	164.2	66.6	0.0
52.5°	364.0	182.0	71.0	0.0
50°	390.6	199.8	75.5	0.0
47.5°	412.8	217.5	75.5	0.0
45°	430.6	230.8	79.9	0.0
42.5°	443.9	244.1	84.3	0.0
40°	457.2	257.5	88.8	0.0
37.5°	470.5	270.8	88.8	0.0
35°	483.9	284.1	93.2	0.0
32.5°	497.2	297.4	93.2	0.0
30°	506.0	306.3	97.7	0.0
27.5°	519.4	315.2	97.7	0.0
25°	523.8	324.0	102.1	0.0
22.5°	532.7	328.5	102.1	0.0
20°	541.6	337.4	102.1	0.0
17.5°	546.0	341.8	106.5	0.0
15°	546.0	346.2	111.0	0.0
12.5°	550.4	350.7	111.0	0.0
10°	550.4	359.6	106.5	0.0
7.5°	559.3	355.1	106.5	0.0
5°	554.9	355.1	106.5	0.0
2.5°	550.4	350.7	106.5	0.0
0°	546.0	350.7	106.5	0.0
-2.5°	546.0	350.7	106.5	0.0
-5°	546.0	350.7	106.5	0.0
-7.5°	541.6	355.1	106.5	0.0
-10°	532.7	355.1	106.5	0.0
-12.5°	528.2	341.8	106.5	0.0
-15°	523.8	337.4	106.5	0.0
-17.5°	514.9	332.9	102.1	0.0
-20°	506.0	328.5	102.1	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	497.2	319.6	102.1	0.0
-25°	488.3	310.7	97.7	0.0
-27.5°	479.4	301.9	97.7	0.0
-30°	466.1	293.0	93.2	0.0
-32.5°	452.8	284.1	93.2	0.0
-35°	443.9	270.8	88.8	0.0
-37.5°	430.6	257.5	88.8	0.0
-40°	417.3	244.1	84.3	0.0
-42.5°	404.0	230.8	79.9	0.0
-45°	386.2	217.5	79.9	0.0
-47.5°	372.9	204.2	75.5	0.0
-50°	350.7	186.4	71.0	0.0
-52.5°	324.0	168.7	66.6	0.0
-55°	297.4	155.4	62.1	0.0
-57.5°	270.8	137.6	62.1	0.0
-60°	244.1	119.9	57.7	0.0
-62.5°	217.5	111.0	53.3	0.0
-65°	190.9	102.1	48.8	0.0
-67.5°	159.8	88.8	44.4	0.0
-70°	133.2	79.9	40.0	0.0
-72.5°	115.4	71.0	35.5	0.0
-75°	97.7	62.1	31.1	0.0
-77.5°	84.3	53.3	26.6	0.0
-80°	66.6	40.0	17.8	0.0
-82.5°	48.8	31.1	13.3	0.0
-85°	31.1	22.2	8.9	0.0
-87.5°	17.8	8.9	4.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)