

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: P722172

Luminaire Tested: **IFLD-S-SA6A-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722172
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

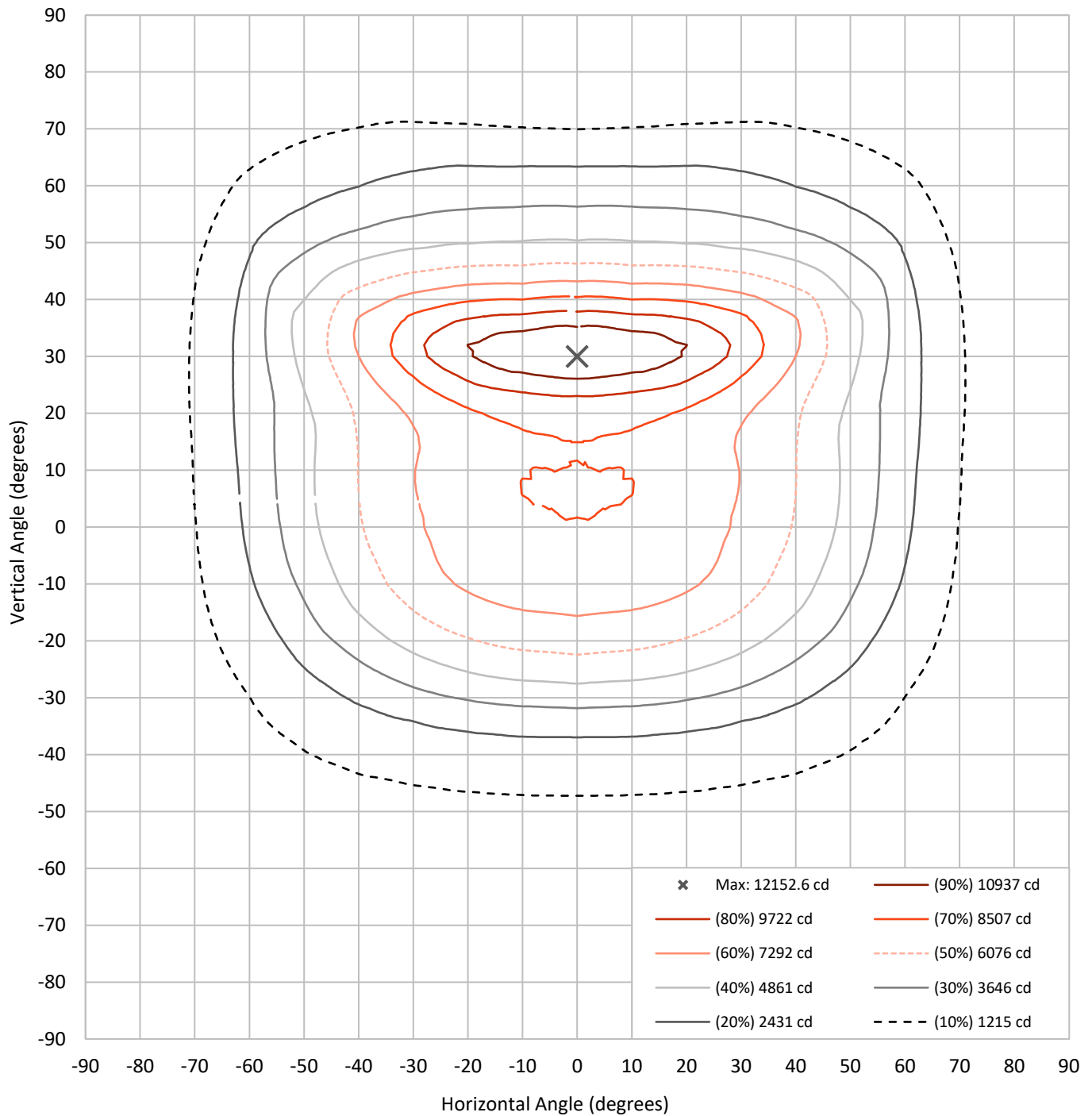
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	20285.7 lumens	Max Intensity:	12152.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11796.4 lumens	Field Lumens:	19010.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 189.6
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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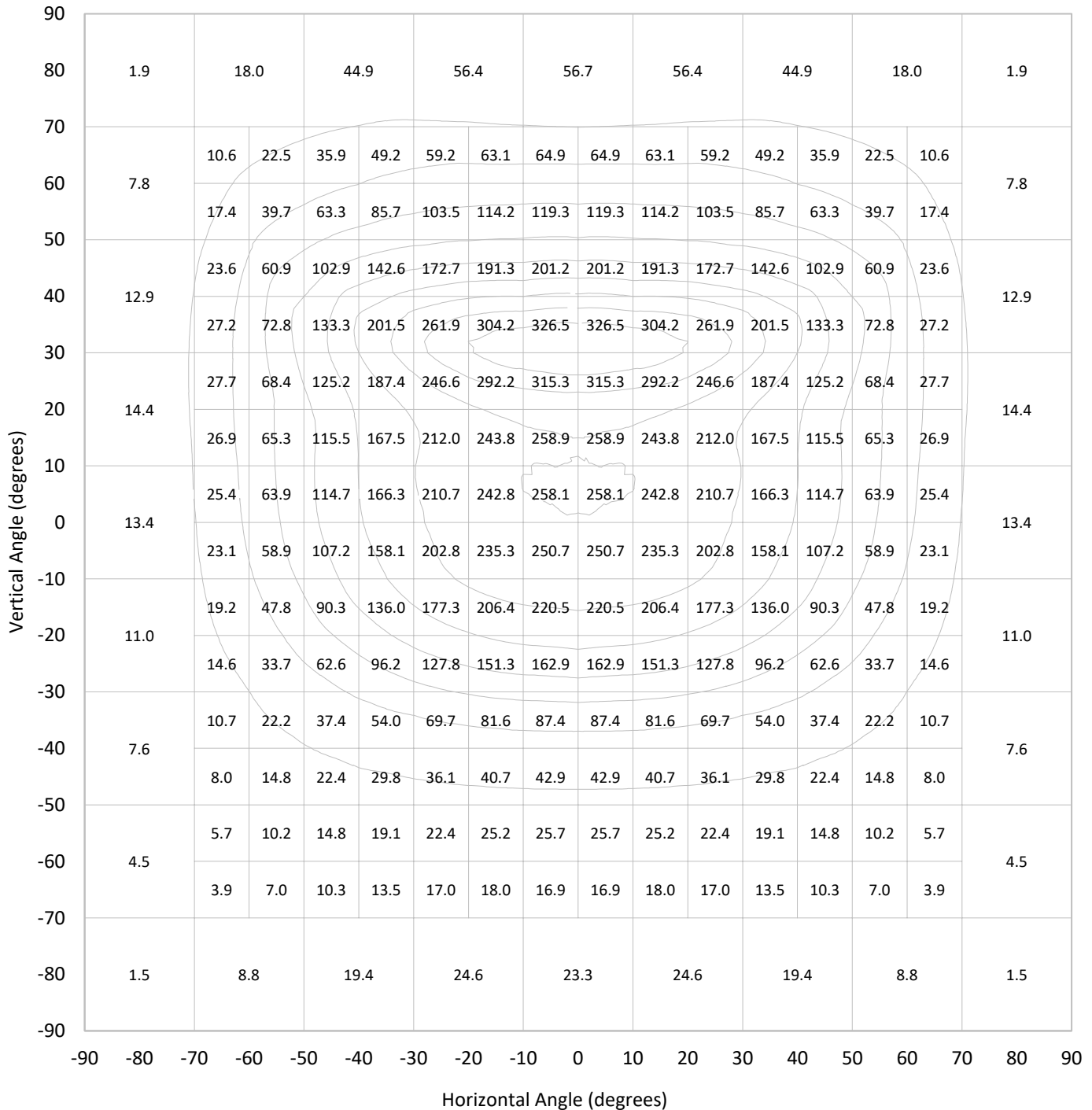
Iso-Candela Plot





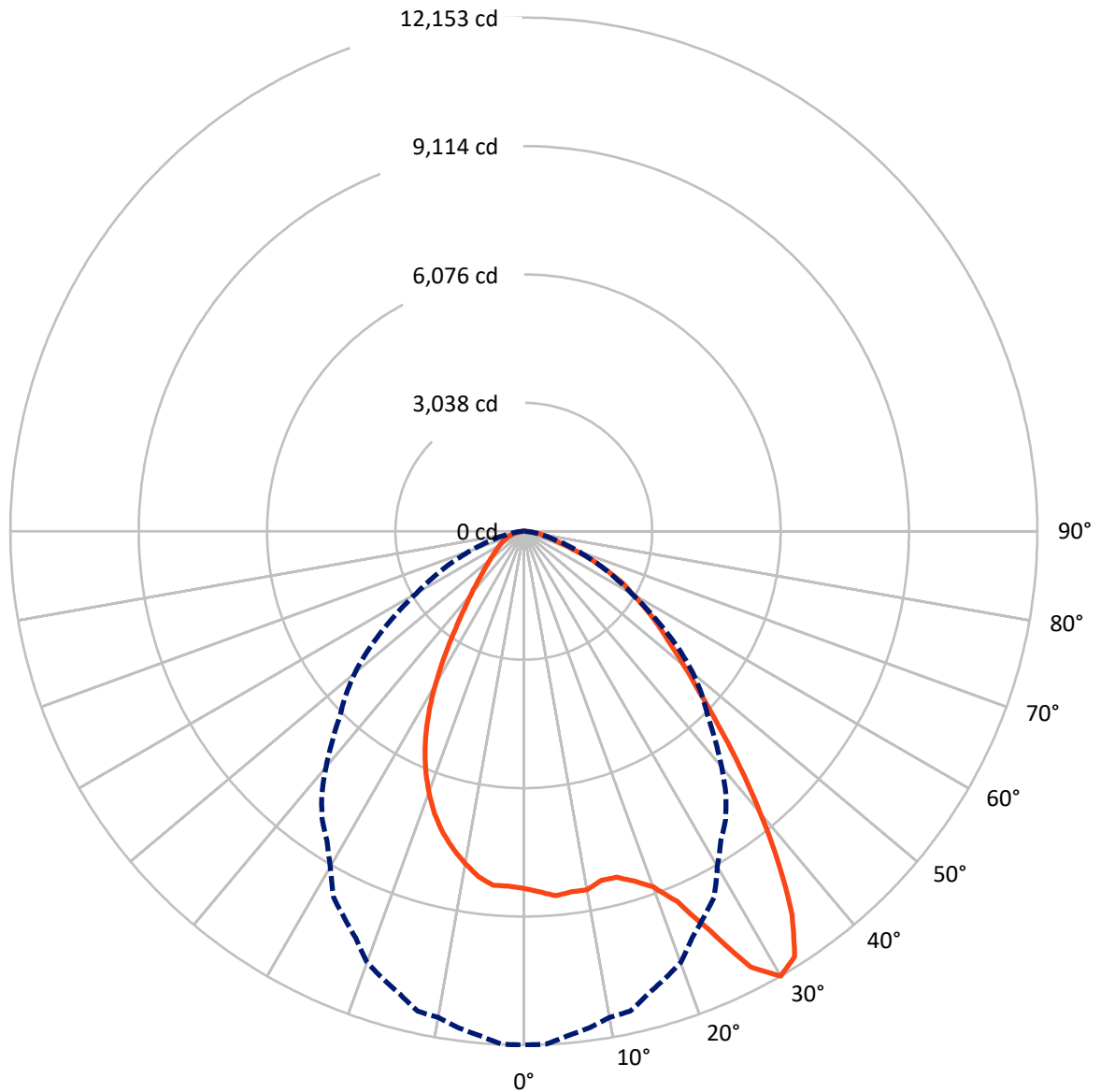
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Lumen Table



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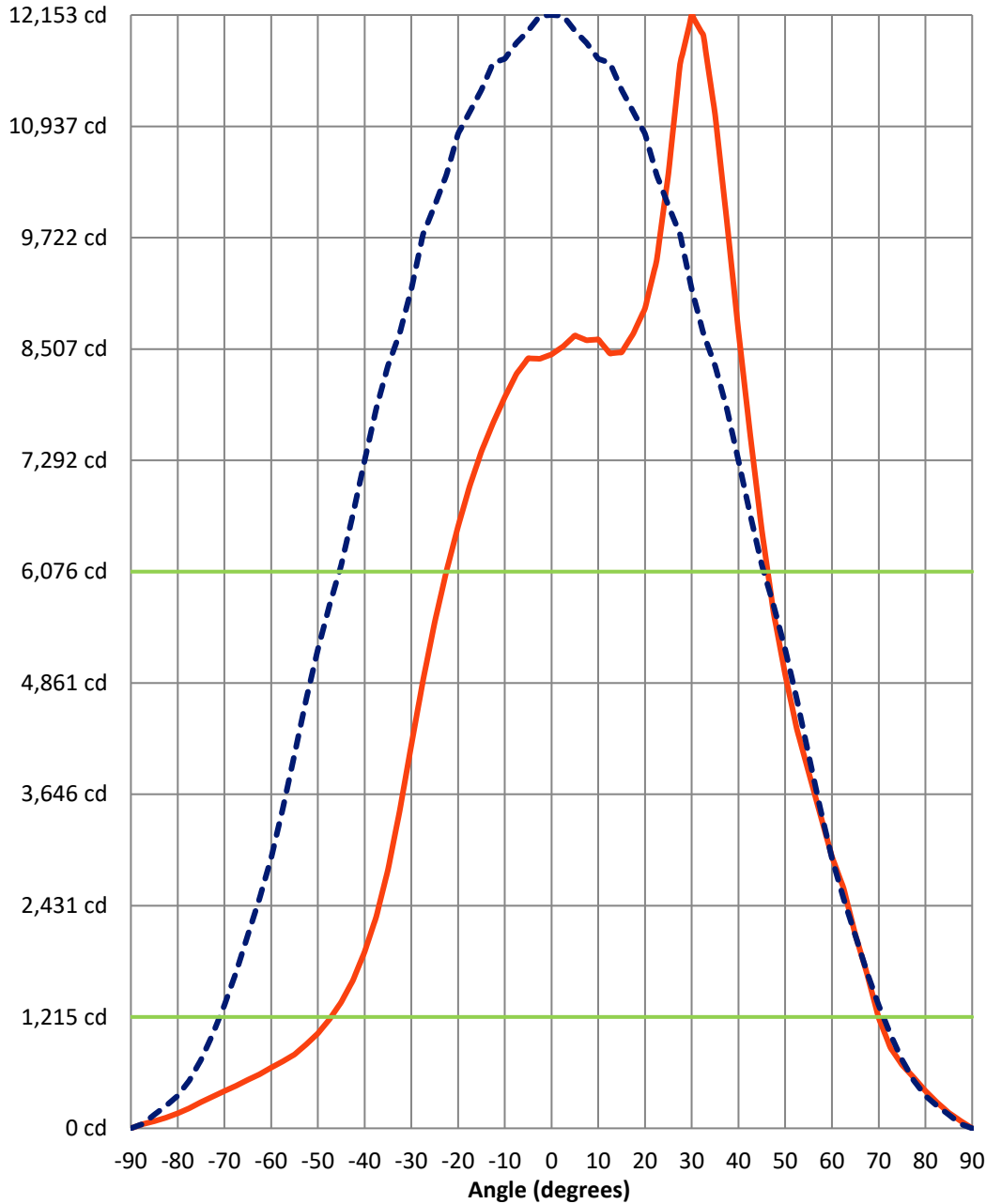
Luminous Intensity Polar Plot



— 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: 11796.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 19010.4
 Efficiency: 93.7%

Spill:
 Lumens: 1275.4
 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°	81.7	83.8	86.0	86.0	83.8	83.8	83.8	81.7	83.8	83.8	83.8
85°	169.8	174.1	178.4	176.2	174.1	169.8	165.5	167.6	169.8	171.9	171.9
82.5°	281.5	288.0	292.3	290.1	285.8	281.5	277.2	279.4	283.7	285.8	285.8
80°	408.3	410.5	412.6	416.9	410.5	410.5	408.3	416.9	421.2	425.5	429.8
77.5°	554.4	556.6	556.6	558.7	560.9	563.0	563.0	578.1	588.8	595.3	601.7
75°	692.0	698.4	704.9	711.3	719.9	724.2	730.7	752.1	769.3	782.2	795.1
72.5°	881.1	889.7	900.4	915.5	930.5	941.3	956.3	982.1	1001.4	1014.3	1029.4
70°	1205.6	1214.2	1224.9	1235.7	1250.7	1261.5	1276.5	1308.7	1328.1	1336.7	1345.3
67.5°	1687.0	1708.5	1727.8	1706.3	1695.6	1680.5	1684.8	1714.9	1734.2	1747.1	1745.0
65°	2114.6	2129.7	2129.7	2127.5	2118.9	2099.6	2110.3	2146.8	2168.3	2179.1	2146.8
62.5°	2617.5	2617.5	2606.7	2623.9	2626.1	2613.2	2606.7	2608.9	2611.0	2617.5	2563.8
60°	2965.6	2987.1	2993.6	3008.6	3012.9	3012.9	3023.6	3032.2	3032.2	3019.3	2957.0
57.5°	3425.5	3466.3	3474.9	3464.2	3442.7	3414.8	3410.5	3397.6	3371.8	3346.0	3315.9
55°	3889.7	3911.2	3909.0	3902.6	3881.1	3848.9	3853.2	3836.0	3795.1	3762.9	3722.1
52.5°	4356.0	4407.6	4416.2	4403.3	4373.2	4338.8	4341.0	4321.6	4280.8	4246.4	4190.5
50°	4951.3	4994.3	4990.0	4968.5	4925.5	4899.7	4901.9	4865.3	4818.1	4807.3	4734.2
47.5°	5632.5	5682.0	5673.4	5643.3	5585.2	5574.5	5585.2	5538.0	5510.0	5486.4	5400.4
45°	6526.5	6584.5	6552.3	6494.3	6401.9	6412.6	6427.7	6419.1	6358.9	6296.6	6187.0
42.5°	7575.2	7611.8	7573.1	7515.0	7399.0	7420.5	7411.9	7360.3	7323.8	7220.6	7081.0
40°	8697.0	8776.5	8716.3	8626.1	8505.7	8538.0	8514.3	8447.7	8361.8	8232.8	8056.6
37.5°	9906.9	9969.2	9900.4	9795.1	9687.7	9676.9	9629.7	9526.5	9404.0	9262.2	8980.7
35°	11065.2	11226.4	11099.6	10932.0	10800.9	10751.4	10706.3	10467.8	10328.1	10098.1	9713.5
32.5°	11926.9	12045.1	11888.3	11714.2	11555.2	11486.4	11327.4	11043.7	10968.5	10485.0	10132.5
30°	12152.6	12144.0	11980.7	11847.4	11675.5	11628.2	11336.0	11095.3	10854.6	10407.6	10072.4
27.5°	11615.3	11561.6	11404.7	11288.7	11118.9	11063.0	10775.1	10646.1	10274.4	9896.1	9612.5
25°	10418.3	10446.3	10328.1	10270.1	10158.3	10038.0	9924.1	9750.0	9517.9	9187.0	8926.9
22.5°	9474.9	9511.5	9462.0	9393.3	9307.3	9240.7	9154.7	9019.3	8795.9	8591.7	8346.7
20°	8950.6	8939.8	8896.9	8845.3	8763.6	8716.3	8621.8	8507.9	8336.0	8159.7	7895.4
17.5°	8675.5	8608.9	8568.1	8548.7	8505.7	8445.6	8333.8	8217.8	8084.5	7884.7	7691.3
15°	8471.4	8482.1	8449.9	8434.8	8400.4	8316.6	8202.7	8108.2	7927.7	7826.7	7650.4
12.5°	8458.5	8447.7	8449.9	8443.4	8400.4	8293.0	8235.0	8114.6	7998.6	7865.3	7663.3
10°	8611.0	8497.1	8505.7	8535.8	8467.1	8381.1	8318.8	8187.7	8078.1	7908.3	7708.5
7.5°	8602.4	8544.4	8561.6	8512.2	8533.7	8428.4	8342.4	8211.3	8073.8	7893.3	7712.8
5°	8654.0	8565.9	8550.9	8555.2	8501.4	8421.9	8305.9	8181.2	8052.3	7850.3	7665.5
2.5°	8535.8	8548.7	8479.9	8454.2	8447.7	8314.5	8207.0	8086.7	7953.4	7775.1	7609.6
0°	8447.7	8471.4	8400.4	8363.9	8361.8	8247.9	8179.1	8041.6	7947.0	7798.7	7598.9
-2.5°	8400.4	8428.4	8437.0	8370.3	8305.9	8217.8	8101.7	7953.4	7798.7	7626.8	7454.9
-5°	8404.7	8348.9	8325.2	8346.7	8290.8	8202.7	8073.8	7942.7	7790.1	7605.3	7390.4
-7.5°	8235.0	8179.1	8174.8	8164.0	8151.2	8067.3	7959.9	7818.1	7663.3	7491.4	7291.6
-10°	7981.4	7940.5	7929.8	7919.1	7884.7	7835.2	7734.2	7605.3	7465.6	7293.7	7081.0
-12.5°	7699.9	7680.5	7639.7	7611.8	7577.4	7519.3	7422.6	7304.4	7164.8	7012.2	6829.5
-15°	7388.3	7351.7	7310.9	7287.3	7237.8	7169.1	7072.4	6962.8	6810.2	6659.7	6487.8
-17.5°	7012.2	6967.1	6921.9	6915.5	6881.1	6775.8	6685.5	6552.3	6419.1	6275.1	6107.5
-20°	6569.5	6507.2	6477.1	6459.9	6412.6	6335.2	6238.5	6116.1	5987.1	5849.6	5656.2



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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°	6079.5	6025.8	5974.2	5942.0	5901.2	5841.0	5748.6	5641.1	5514.3	5359.6	5181.2
-25°	5522.9	5447.7	5415.5	5378.9	5357.5	5301.6	5211.3	5112.5	4981.4	4830.9	4661.2
-27.5°	4886.8	4826.7	4809.5	4757.9	4732.1	4674.1	4598.9	4506.5	4386.1	4244.3	4104.6
-30°	4184.1	4147.6	4119.6	4068.1	4048.7	3986.4	3937.0	3859.6	3750.0	3649.0	3537.3
-32.5°	3462.0	3425.5	3416.9	3393.3	3380.4	3339.5	3283.7	3227.8	3139.7	3064.5	2974.2
-35°	2821.6	2795.8	2798.0	2795.8	2783.0	2752.9	2684.1	2669.1	2604.6	2535.8	2477.8
-37.5°	2310.2	2312.3	2310.2	2308.0	2290.8	2277.9	2228.5	2209.2	2170.5	2103.9	2069.5
-40°	1925.5	1929.8	1927.7	1923.4	1904.0	1897.6	1865.3	1839.5	1824.5	1777.2	1740.7
-42.5°	1613.9	1620.3	1618.2	1616.0	1603.2	1601.0	1583.8	1553.7	1545.1	1517.2	1478.5
-45°	1377.5	1375.4	1371.1	1375.4	1368.9	1362.5	1351.7	1332.4	1321.6	1308.7	1276.5
-47.5°	1190.5	1192.7	1188.4	1188.4	1179.8	1173.4	1169.1	1156.2	1147.6	1136.8	1117.5
-50°	1035.8	1044.4	1042.3	1040.1	1033.7	1029.4	1029.4	1016.5	1003.6	999.3	986.4
-52.5°	915.5	921.9	924.1	928.4	930.5	932.7	926.2	913.3	891.8	889.7	883.2
-55°	805.9	825.2	838.1	846.7	855.3	861.7	848.9	831.7	810.2	801.6	799.4
-57.5°	730.7	750.0	765.0	777.9	788.7	799.4	786.5	769.3	750.0	739.3	737.1
-60°	661.9	679.1	694.1	711.3	726.4	743.6	737.1	724.2	713.5	704.9	696.3
-62.5°	588.8	606.0	623.2	644.7	664.0	681.2	683.4	681.2	679.1	681.2	666.2
-65°	528.7	537.2	548.0	571.6	593.1	612.5	623.2	629.7	640.4	651.1	636.1
-67.5°	464.2	474.9	487.8	505.0	522.2	535.1	550.1	567.3	584.5	601.7	591.0
-70°	406.2	414.8	425.5	434.1	444.8	453.4	466.3	485.7	505.0	522.2	517.9
-72.5°	346.0	354.6	361.0	365.3	371.8	376.1	382.5	399.7	412.6	421.2	421.2
-75°	285.8	294.4	300.9	303.0	307.3	309.5	313.8	320.2	326.6	328.8	330.9
-77.5°	219.2	227.8	234.2	238.5	242.8	247.1	249.3	253.6	255.7	255.7	257.9
-80°	163.3	169.8	174.1	180.5	182.7	187.0	191.3	193.4	195.6	195.6	197.7
-82.5°	116.0	120.3	124.6	128.9	133.2	135.4	139.7	141.8	144.0	146.1	148.3
-85°	77.4	81.7	86.0	90.3	92.4	94.6	96.7	98.9	101.0	103.2	105.3
-87.5°	45.1	47.3	49.4	53.7	55.9	60.2	62.3	60.2	62.3	62.3	62.3
-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):

	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°	83.8	83.8	83.8	83.8	81.7	77.4	75.2	70.9	66.6	62.3	58.0
85°	174.1	176.2	176.2	176.2	171.9	169.8	163.3	156.9	148.3	135.4	124.6
82.5°	290.1	292.3	292.3	290.1	285.8	279.4	270.8	260.0	242.8	225.6	210.6
80°	436.2	438.4	438.4	436.2	425.5	414.8	404.0	391.1	369.6	346.0	320.2
77.5°	610.3	614.6	614.6	608.2	593.1	580.2	563.0	541.5	509.3	474.9	440.5
75°	812.3	823.1	825.2	818.8	799.4	775.8	747.9	711.3	661.9	618.9	578.1
72.5°	1046.6	1057.3	1065.9	1057.3	1029.4	997.1	956.3	913.3	863.9	805.9	737.1
70°	1353.9	1364.6	1371.1	1343.1	1293.7	1240.0	1190.5	1141.1	1083.1	1012.2	937.0
67.5°	1740.7	1729.9	1717.0	1661.2	1598.9	1534.4	1465.6	1392.6	1317.3	1242.1	1154.0
65°	2112.5	2082.4	2054.4	1987.8	1908.3	1824.5	1745.0	1663.3	1573.1	1478.5	1394.7
62.5°	2503.6	2439.1	2370.3	2288.7	2207.0	2114.6	2035.1	1938.4	1837.4	1721.3	1613.9
60°	2888.3	2810.9	2742.1	2641.1	2533.7	2409.0	2323.1	2228.5	2110.3	1985.7	1858.9
57.5°	3260.0	3176.2	3101.0	3012.9	2896.9	2761.5	2666.9	2544.4	2419.8	2262.9	2134.0
55°	3655.4	3571.6	3511.5	3412.6	3285.8	3161.2	3058.0	2929.1	2755.0	2587.4	2428.4
52.5°	4108.9	4042.3	3977.8	3876.8	3724.2	3597.4	3483.5	3339.5	3156.9	2950.6	2759.3
50°	4616.0	4581.7	4512.9	4394.7	4220.6	4108.9	3958.5	3767.2	3571.6	3354.6	3116.0
47.5°	5288.7	5232.8	5136.1	5007.2	4861.0	4693.4	4491.4	4267.9	3990.7	3750.0	3496.4
45°	6092.4	5989.3	5864.6	5690.5	5510.0	5320.9	5099.6	4815.9	4444.1	4130.4	3863.9
42.5°	6962.8	6823.1	6653.3	6425.5	6191.3	5959.2	5720.6	5333.8	4869.6	4508.6	4207.7
40°	7871.8	7693.4	7480.7	7149.7	6889.7	6591.0	6318.1	5740.0	5245.7	4854.6	4534.4
37.5°	8761.5	8535.8	8179.1	7777.2	7474.2	7229.2	6629.7	6010.7	5568.1	5138.3	4813.8
35°	9442.7	9251.4	8621.8	8204.9	7944.8	7558.0	6808.0	6174.1	5705.6	5348.9	4843.8
32.5°	9846.7	9352.4	8800.1	8378.9	8164.0	7530.1	6820.9	6221.4	5770.1	5370.3	4766.5
30°	9756.5	9159.0	8675.5	8323.1	7856.7	7287.3	6700.6	6148.3	5709.9	5226.4	4680.5
27.5°	9212.8	8750.7	8318.8	7951.3	7493.6	6982.1	6440.5	5954.9	5546.6	5078.1	4562.3
25°	8598.1	8179.1	7858.9	7538.7	7104.6	6616.8	6139.7	5789.4	5378.9	4916.9	4407.6
22.5°	8033.0	7732.1	7480.7	7145.4	6722.1	6296.6	6000.0	5636.8	5215.6	4747.1	4248.6
20°	7671.9	7467.8	7179.8	6810.2	6477.1	6210.6	5881.8	5497.1	5063.0	4573.1	4113.2
17.5°	7497.9	7261.5	6941.3	6700.6	6444.8	6152.6	5785.1	5376.8	4914.8	4493.6	4128.2
15°	7407.6	7158.3	6947.7	6711.3	6423.4	6116.1	5707.7	5284.4	4914.8	4525.8	4139.0
12.5°	7426.9	7212.0	6982.1	6724.2	6414.8	6086.0	5716.3	5323.1	4940.5	4549.4	4141.1
10°	7487.1	7261.5	7016.5	6730.7	6419.1	6094.6	5740.0	5346.7	4953.4	4560.2	4136.8
7.5°	7508.6	7263.6	7001.4	6713.5	6408.3	6090.3	5744.3	5353.2	4955.6	4558.0	4123.9
5°	7442.0	7220.6	6967.1	6676.9	6378.2	6068.8	5727.1	5344.6	4938.4	4536.5	4091.7
2.5°	7351.7	7173.4	6930.5	6651.2	6348.1	6038.7	5699.1	5305.9	4899.7	4497.9	4050.9
0°	7336.7	7115.3	6870.3	6621.1	6298.7	5972.1	5634.7	5232.8	4828.8	4424.8	3979.9
-2.5°	7237.8	7003.6	6758.6	6487.8	6204.2	5875.4	5520.8	5127.5	4727.8	4330.2	3902.6
-5°	7162.6	6902.6	6642.6	6350.3	6064.5	5735.7	5368.2	4985.7	4594.6	4207.7	3795.1
-7.5°	7061.6	6795.1	6522.2	6217.1	5907.6	5572.4	5209.2	4826.7	4442.0	4057.3	3661.9
-10°	6857.5	6623.2	6367.5	6051.6	5724.9	5389.7	5028.7	4652.6	4267.9	3878.9	3481.4
-12.5°	6610.3	6363.2	6083.8	5793.7	5501.4	5189.8	4828.8	4459.2	4072.4	3681.2	3285.8
-15°	6290.1	6047.3	5761.5	5477.8	5196.3	4897.6	4579.5	4246.4	3853.2	3468.5	3073.1
-17.5°	5890.4	5662.6	5406.9	5136.1	4856.7	4555.9	4246.4	3964.9	3597.4	3236.4	2845.3
-20°	5460.6	5247.9	5017.9	4762.2	4482.8	4188.4	3896.1	3601.7	3283.7	2965.6	2602.4



REPORT NUMBER: P722172
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5013.6	4798.7	4566.6	4328.1	4070.2	3797.3	3526.5	3245.0	2965.6	2677.7	2370.3
-25°	4497.9	4308.7	4096.0	3863.9	3634.0	3395.4	3137.5	2881.8	2643.3	2394.0	2142.6
-27.5°	3958.5	3784.4	3591.0	3389.0	3191.3	2991.4	2767.9	2531.5	2333.8	2127.5	1919.1
-30°	3391.1	3251.4	3094.6	2918.3	2765.8	2604.6	2417.6	2222.1	2041.5	1884.7	1717.0
-32.5°	2853.9	2735.7	2623.9	2507.9	2357.5	2232.8	2103.9	1959.9	1800.9	1652.6	1532.2
-35°	2391.8	2265.0	2217.8	2131.8	2024.4	1914.8	1820.2	1717.0	1596.7	1465.6	1366.8
-37.5°	2002.9	1927.7	1861.0	1813.8	1742.8	1654.7	1579.5	1504.3	1411.9	1313.0	1214.2
-40°	1699.9	1648.3	1575.2	1551.6	1506.4	1446.3	1368.9	1310.9	1248.6	1173.4	1089.5
-42.5°	1457.0	1418.3	1371.1	1330.2	1310.9	1267.9	1207.7	1151.9	1102.4	1050.9	986.4
-45°	1257.2	1231.4	1201.3	1164.8	1149.7	1115.3	1072.4	1010.0	982.1	939.1	891.8
-47.5°	1096.0	1083.1	1061.6	1038.0	1016.5	990.7	952.0	913.3	874.6	846.7	810.2
-50°	969.2	960.6	947.7	928.4	900.4	883.2	857.5	823.1	786.5	762.9	737.1
-52.5°	868.2	859.6	851.0	836.0	814.5	797.3	775.8	747.9	717.8	694.1	672.6
-55°	790.8	777.9	771.5	758.6	741.4	722.1	702.7	683.4	657.6	636.1	614.6
-57.5°	730.7	713.5	704.9	694.1	676.9	657.6	642.6	623.2	606.0	582.4	563.0
-60°	683.4	664.0	646.8	636.1	621.1	601.7	586.7	571.6	554.4	535.1	511.5
-62.5°	644.7	621.1	597.4	584.5	569.5	552.3	537.2	522.2	505.0	485.7	464.2
-65°	608.2	580.2	550.1	537.2	522.2	505.0	485.7	474.9	459.9	442.7	421.2
-67.5°	563.0	533.0	507.2	492.1	477.1	462.0	444.8	434.1	419.1	397.6	376.1
-70°	496.4	477.1	459.9	447.0	434.1	421.2	404.0	386.8	369.6	350.3	330.9
-72.5°	412.6	406.2	404.0	397.6	382.5	367.5	350.3	333.1	318.1	303.0	288.0
-75°	333.1	337.4	341.7	339.5	324.5	309.5	294.4	279.4	268.6	255.7	242.8
-77.5°	264.3	268.6	272.9	272.9	262.2	253.6	242.8	232.1	223.5	212.8	199.9
-80°	204.2	210.6	217.0	221.3	212.8	206.3	197.7	189.1	180.5	171.9	163.3
-82.5°	154.7	161.2	167.6	171.9	165.5	161.2	154.7	148.3	141.8	133.2	126.8
-85°	111.7	116.0	120.3	122.5	118.2	113.9	109.6	105.3	101.0	94.6	90.3
-87.5°	64.5	66.6	68.8	70.9	66.6	62.3	60.2	55.9	53.7	49.4	47.3
-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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 CATALOG NUMBER: IFLD-S-SA6A-827-U-76

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°	53.7	49.4	45.1	43.0	38.7	32.2	27.9	23.6	19.3	15.0	12.9
85°	113.9	103.2	90.3	83.8	75.2	66.6	58.0	49.4	40.8	32.2	23.6
82.5°	195.6	182.7	169.8	154.7	135.4	111.7	88.1	73.1	60.2	47.3	36.5
80°	294.4	270.8	249.3	229.9	208.5	178.4	146.1	116.0	81.7	62.3	47.3
77.5°	408.3	380.4	350.3	318.1	283.7	242.8	206.3	167.6	126.8	86.0	60.2
75°	537.2	500.7	459.9	414.8	369.6	315.9	264.3	219.2	171.9	120.3	73.1
72.5°	681.2	636.1	586.7	526.5	455.6	393.3	330.9	270.8	214.9	152.6	98.9
70°	866.0	795.1	722.1	657.6	567.3	468.5	395.4	326.6	255.7	187.0	124.6
67.5°	1063.8	977.8	889.7	795.1	681.2	565.2	459.9	382.5	298.7	219.2	148.3
65°	1278.7	1171.2	1059.5	954.2	797.3	659.7	541.5	436.2	339.5	249.3	171.9
62.5°	1500.0	1373.2	1244.3	1106.7	926.2	756.4	618.9	496.4	378.2	277.2	193.4
60°	1736.4	1588.1	1431.2	1259.3	1048.7	861.7	692.0	558.7	419.1	305.2	217.0
57.5°	1985.7	1824.5	1639.7	1407.6	1175.5	962.8	775.8	614.6	455.6	330.9	234.2
55°	2256.4	2071.6	1869.6	1562.3	1300.1	1063.8	859.6	670.5	494.3	352.4	251.4
52.5°	2548.7	2333.8	2078.1	1725.6	1431.2	1166.9	937.0	719.9	530.8	376.1	266.5
50°	2875.4	2604.6	2260.7	1876.1	1545.1	1263.6	1014.3	773.6	560.9	401.9	279.4
47.5°	3214.9	2922.6	2424.1	2015.8	1661.2	1358.2	1093.8	820.9	591.0	423.4	292.3
45°	3569.5	3144.0	2593.8	2140.4	1762.2	1444.1	1154.0	863.9	627.5	442.7	303.0
42.5°	3919.8	3311.6	2742.1	2265.0	1856.7	1521.5	1203.4	904.7	657.6	462.0	313.8
40°	4085.2	3438.4	2860.3	2351.0	1936.2	1590.3	1246.4	941.3	683.4	474.9	324.5
37.5°	4154.0	3515.8	2937.7	2432.7	1998.6	1626.8	1283.0	973.5	704.9	487.8	333.1
35°	4169.1	3543.7	2976.4	2488.5	2050.1	1661.2	1310.9	997.1	722.1	500.7	341.7
32.5°	4141.1	3535.1	2987.1	2507.9	2082.4	1687.0	1330.2	1014.3	735.0	513.6	350.3
30°	4078.8	3490.0	2948.4	2505.7	2106.0	1702.0	1343.1	1027.2	747.9	522.2	354.6
27.5°	3977.8	3410.5	2899.0	2507.9	2118.9	1708.5	1349.6	1033.7	756.4	528.7	363.2
25°	3853.2	3303.0	2901.1	2503.6	2121.1	1710.6	1349.6	1033.7	758.6	530.8	369.6
22.5°	3709.2	3303.0	2901.1	2497.1	2108.2	1706.3	1343.1	1029.4	758.6	535.1	376.1
20°	3717.8	3305.2	2894.7	2484.2	2088.8	1693.4	1328.1	1018.6	752.1	541.5	380.4
17.5°	3724.2	3300.9	2881.8	2467.1	2063.0	1671.9	1308.7	1003.6	752.1	548.0	382.5
15°	3724.2	3288.0	2862.5	2441.3	2030.8	1641.8	1280.8	990.7	754.3	550.1	386.8
12.5°	3717.8	3264.3	2832.4	2406.9	1992.1	1605.3	1263.6	986.4	754.3	552.3	386.8
10°	3704.9	3232.1	2793.7	2363.9	1955.6	1592.4	1255.0	977.8	750.0	552.3	386.8
7.5°	3681.2	3193.4	2761.5	2338.1	1934.1	1577.4	1242.1	964.9	743.6	548.0	391.1
5°	3644.7	3171.9	2735.7	2308.0	1904.0	1566.6	1233.5	954.2	739.3	548.0	386.8
2.5°	3597.4	3146.1	2705.6	2269.3	1869.6	1530.1	1205.6	930.5	724.2	539.4	382.5
0°	3520.1	3094.6	2654.0	2215.6	1822.4	1493.6	1177.7	906.9	709.2	530.8	378.2
-2.5°	3449.1	3025.8	2587.4	2159.7	1777.2	1461.3	1156.2	894.0	702.7	528.7	376.1
-5°	3350.3	2931.2	2499.3	2086.7	1717.0	1429.1	1134.7	878.9	696.3	524.4	376.1
-7.5°	3240.7	2832.4	2406.9	2011.5	1656.9	1373.2	1093.8	855.3	681.2	515.8	373.9
-10°	3070.9	2684.1	2290.8	1925.5	1592.4	1323.8	1059.5	833.8	668.3	507.2	365.3
-12.5°	2890.4	2520.8	2157.6	1820.2	1519.3	1272.2	1020.8	810.2	653.3	498.6	361.0
-15°	2699.1	2353.2	2017.9	1710.6	1439.8	1209.9	979.9	784.4	638.3	487.8	354.6
-17.5°	2499.3	2176.9	1873.9	1598.9	1360.3	1145.4	937.0	760.7	621.1	477.1	348.1
-20°	2288.7	1996.4	1727.8	1485.0	1276.5	1080.9	891.8	732.8	601.7	464.2	339.5



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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°	2080.2	1818.1	1577.4	1373.2	1190.5	1014.3	846.7	704.9	580.2	449.1	333.1
-25°	1895.4	1650.4	1444.1	1265.8	1106.7	949.9	799.4	676.9	556.6	434.1	324.5
-27.5°	1714.9	1506.4	1313.0	1164.8	1025.1	887.5	754.3	646.8	533.0	416.9	315.9
-30°	1547.3	1368.9	1209.9	1065.9	947.7	831.7	715.6	616.8	507.2	399.7	305.2
-32.5°	1394.7	1250.7	1117.5	979.9	874.6	775.8	679.1	586.7	481.4	382.5	294.4
-35°	1252.9	1141.1	1025.1	909.0	801.6	724.2	640.4	554.4	457.7	363.2	283.7
-37.5°	1126.1	1035.8	943.4	844.6	752.1	674.8	603.9	522.2	434.1	346.0	272.9
-40°	1016.5	943.4	861.7	782.2	704.9	631.8	567.3	490.0	410.5	333.1	262.2
-42.5°	915.5	859.6	793.0	726.4	657.6	593.1	530.8	455.6	386.8	318.1	251.4
-45°	838.1	782.2	728.5	668.3	610.3	554.4	492.1	425.5	365.3	300.9	240.7
-47.5°	765.0	715.6	666.2	616.8	569.5	517.9	455.6	399.7	341.7	285.8	232.1
-50°	700.6	653.3	610.3	567.3	526.5	477.1	419.1	373.9	322.3	270.8	221.3
-52.5°	640.4	599.6	556.6	522.2	487.8	438.4	391.1	348.1	303.0	253.6	210.6
-55°	586.7	548.0	509.3	477.1	444.8	401.9	363.2	326.6	283.7	240.7	199.9
-57.5°	535.1	502.9	466.3	436.2	404.0	369.6	337.4	303.0	264.3	227.8	189.1
-60°	487.8	457.7	425.5	395.4	367.5	339.5	309.5	281.5	247.1	212.8	178.4
-62.5°	440.5	414.8	386.8	356.7	335.2	309.5	285.8	257.9	229.9	199.9	159.0
-65°	397.6	373.9	348.1	322.3	303.0	283.7	262.2	236.4	212.8	184.8	141.8
-67.5°	354.6	333.1	311.6	290.1	272.9	257.9	236.4	217.0	197.7	167.6	124.6
-70°	313.8	296.6	277.2	260.0	247.1	229.9	214.9	197.7	180.5	146.1	105.3
-72.5°	275.1	257.9	242.8	229.9	219.2	204.2	191.3	178.4	154.7	122.5	88.1
-75°	229.9	219.2	210.6	199.9	189.1	178.4	167.6	152.6	128.9	98.9	68.8
-77.5°	189.1	182.7	176.2	167.6	159.0	150.4	137.5	122.5	103.2	77.4	55.9
-80°	154.7	148.3	144.0	135.4	128.9	120.3	107.4	94.6	75.2	60.2	45.1
-82.5°	118.2	113.9	109.6	105.3	98.9	90.3	77.4	66.6	55.9	45.1	34.4
-85°	83.8	81.7	77.4	73.1	66.6	60.2	51.6	45.1	38.7	30.1	23.6
-87.5°	43.0	40.8	38.7	36.5	34.4	30.1	25.8	21.5	19.3	15.0	10.7
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.6	6.4	2.1	0.0
85°	17.2	10.7	4.3	0.0
82.5°	25.8	17.2	6.4	0.0
80°	34.4	21.5	10.7	0.0
77.5°	43.0	25.8	12.9	0.0
75°	51.6	32.2	15.0	0.0
72.5°	58.0	36.5	17.2	0.0
70°	68.8	43.0	19.3	0.0
67.5°	86.0	47.3	21.5	0.0
65°	101.0	51.6	23.6	0.0
62.5°	118.2	55.9	25.8	0.0
60°	133.2	60.2	27.9	0.0
57.5°	148.3	70.9	30.1	0.0
55°	161.2	79.5	32.2	0.0
52.5°	176.2	88.1	34.4	0.0
50°	189.1	96.7	36.5	0.0
47.5°	199.9	105.3	36.5	0.0
45°	208.5	111.7	38.7	0.0
42.5°	214.9	118.2	40.8	0.0
40°	221.3	124.6	43.0	0.0
37.5°	227.8	131.1	43.0	0.0
35°	234.2	137.5	45.1	0.0
32.5°	240.7	144.0	45.1	0.0
30°	245.0	148.3	47.3	0.0
27.5°	251.4	152.6	47.3	0.0
25°	253.6	156.9	49.4	0.0
22.5°	257.9	159.0	49.4	0.0
20°	262.2	163.3	49.4	0.0
17.5°	264.3	165.5	51.6	0.0
15°	264.3	167.6	53.7	0.0
12.5°	266.5	169.8	53.7	0.0
10°	266.5	174.1	51.6	0.0
7.5°	270.8	171.9	51.6	0.0
5°	268.6	171.9	51.6	0.0
2.5°	266.5	169.8	51.6	0.0
0°	264.3	169.8	51.6	0.0
-2.5°	264.3	169.8	51.6	0.0
-5°	264.3	169.8	51.6	0.0
-7.5°	262.2	171.9	51.6	0.0
-10°	257.9	171.9	51.6	0.0
-12.5°	255.7	165.5	51.6	0.0
-15°	253.6	163.3	51.6	0.0
-17.5°	249.3	161.2	49.4	0.0
-20°	245.0	159.0	49.4	0.0



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CATALOG NUMBER: IFLD-S-SA6A-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	240.7	154.7	49.4	0.0
-25°	236.4	150.4	47.3	0.0
-27.5°	232.1	146.1	47.3	0.0
-30°	225.6	141.8	45.1	0.0
-32.5°	219.2	137.5	45.1	0.0
-35°	214.9	131.1	43.0	0.0
-37.5°	208.5	124.6	43.0	0.0
-40°	202.0	118.2	40.8	0.0
-42.5°	195.6	111.7	38.7	0.0
-45°	187.0	105.3	38.7	0.0
-47.5°	180.5	98.9	36.5	0.0
-50°	169.8	90.3	34.4	0.0
-52.5°	156.9	81.7	32.2	0.0
-55°	144.0	75.2	30.1	0.0
-57.5°	131.1	66.6	30.1	0.0
-60°	118.2	58.0	27.9	0.0
-62.5°	105.3	53.7	25.8	0.0
-65°	92.4	49.4	23.6	0.0
-67.5°	77.4	43.0	21.5	0.0
-70°	64.5	38.7	19.3	0.0
-72.5°	55.9	34.4	17.2	0.0
-75°	47.3	30.1	15.0	0.0
-77.5°	40.8	25.8	12.9	0.0
-80°	32.2	19.3	8.6	0.0
-82.5°	23.6	15.0	6.4	0.0
-85°	15.0	10.7	4.3	0.0
-87.5°	8.6	4.3	2.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)