

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: P722138

Luminaire Tested: **IFLD-S-SA3A-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722138
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

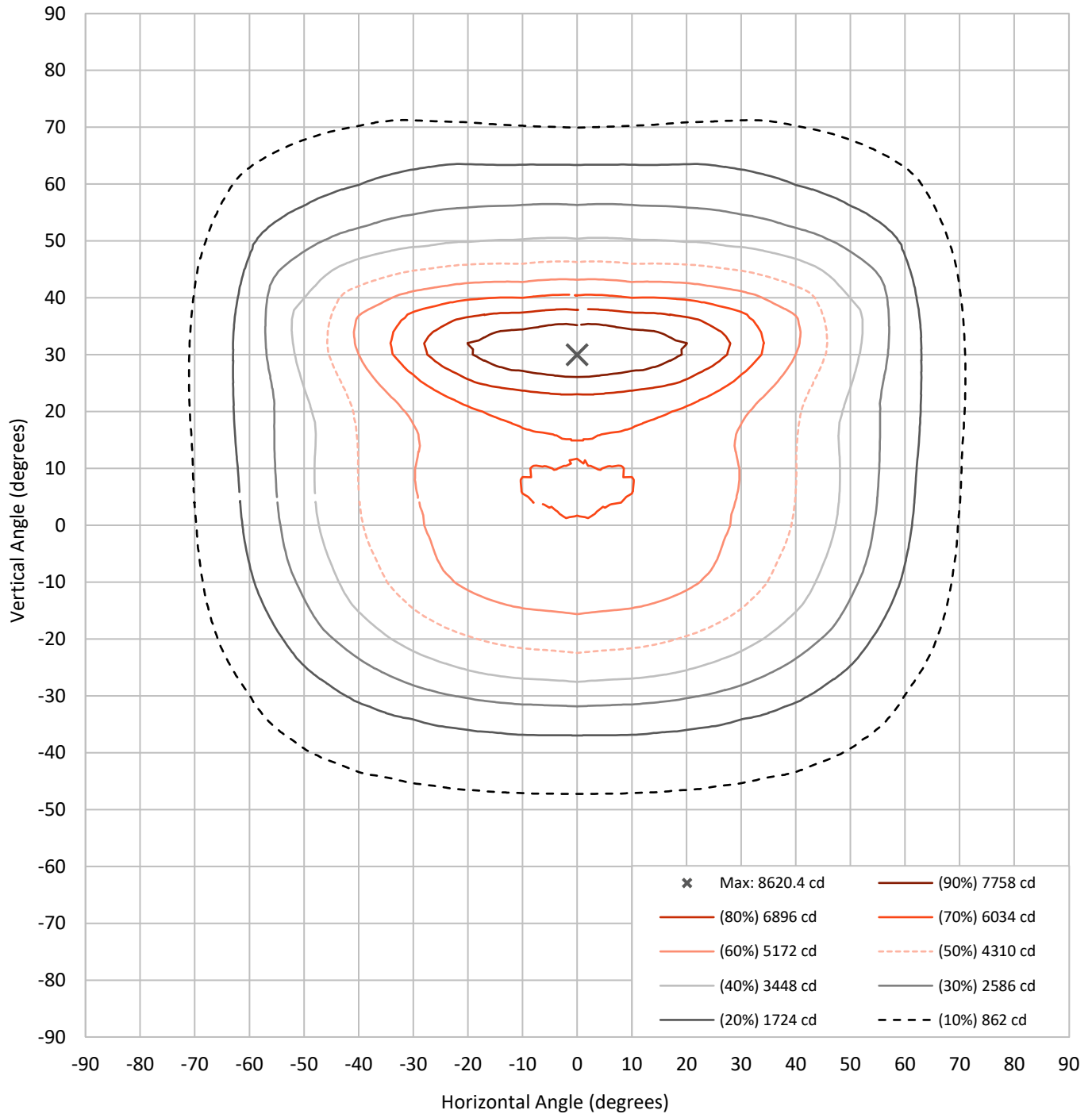
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14389.6 lumens	Max Intensity:	8620.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	151.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	8367.7 lumens	Field Lumens:	13484.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 94.8
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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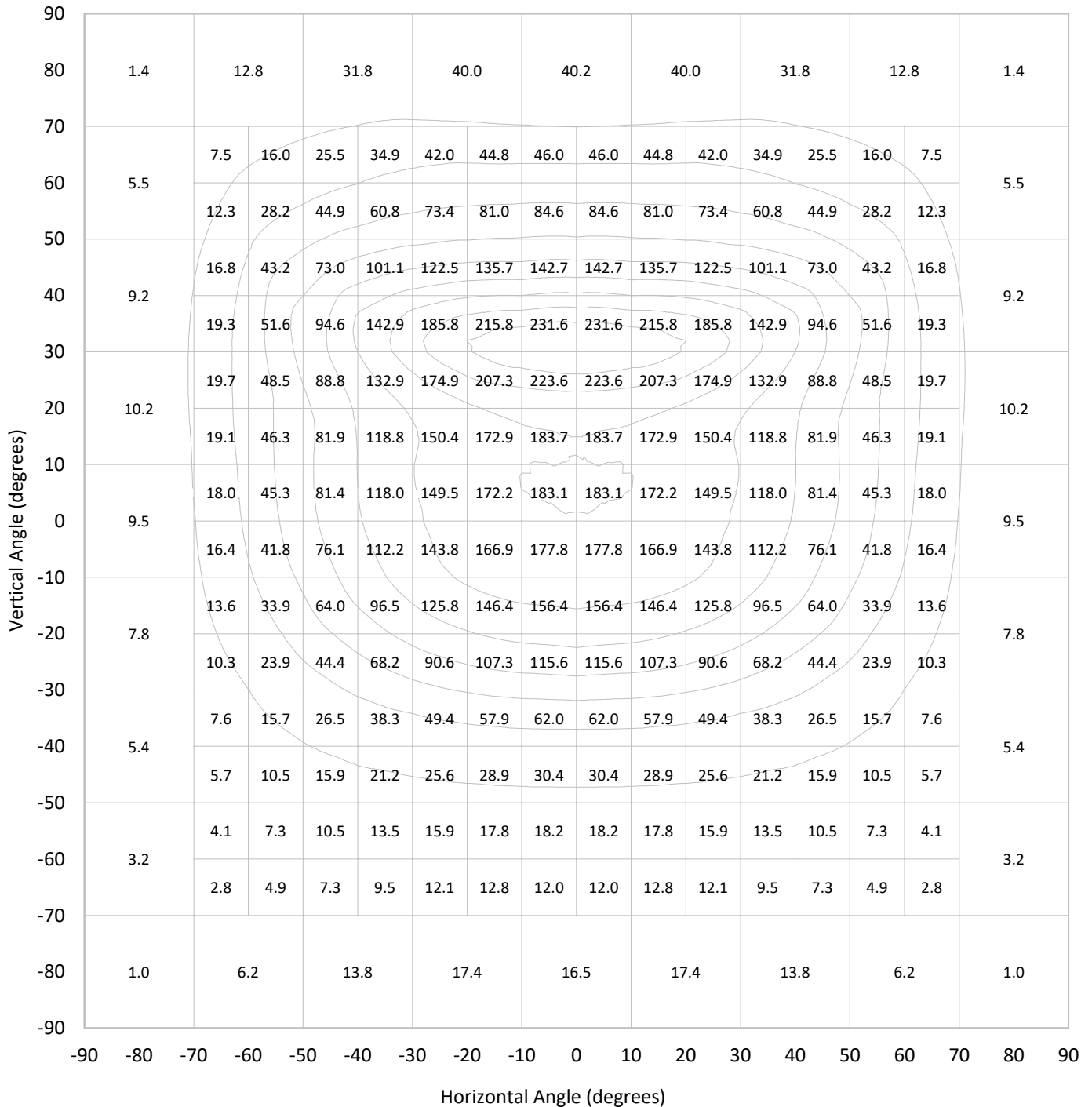
Iso-Candela Plot





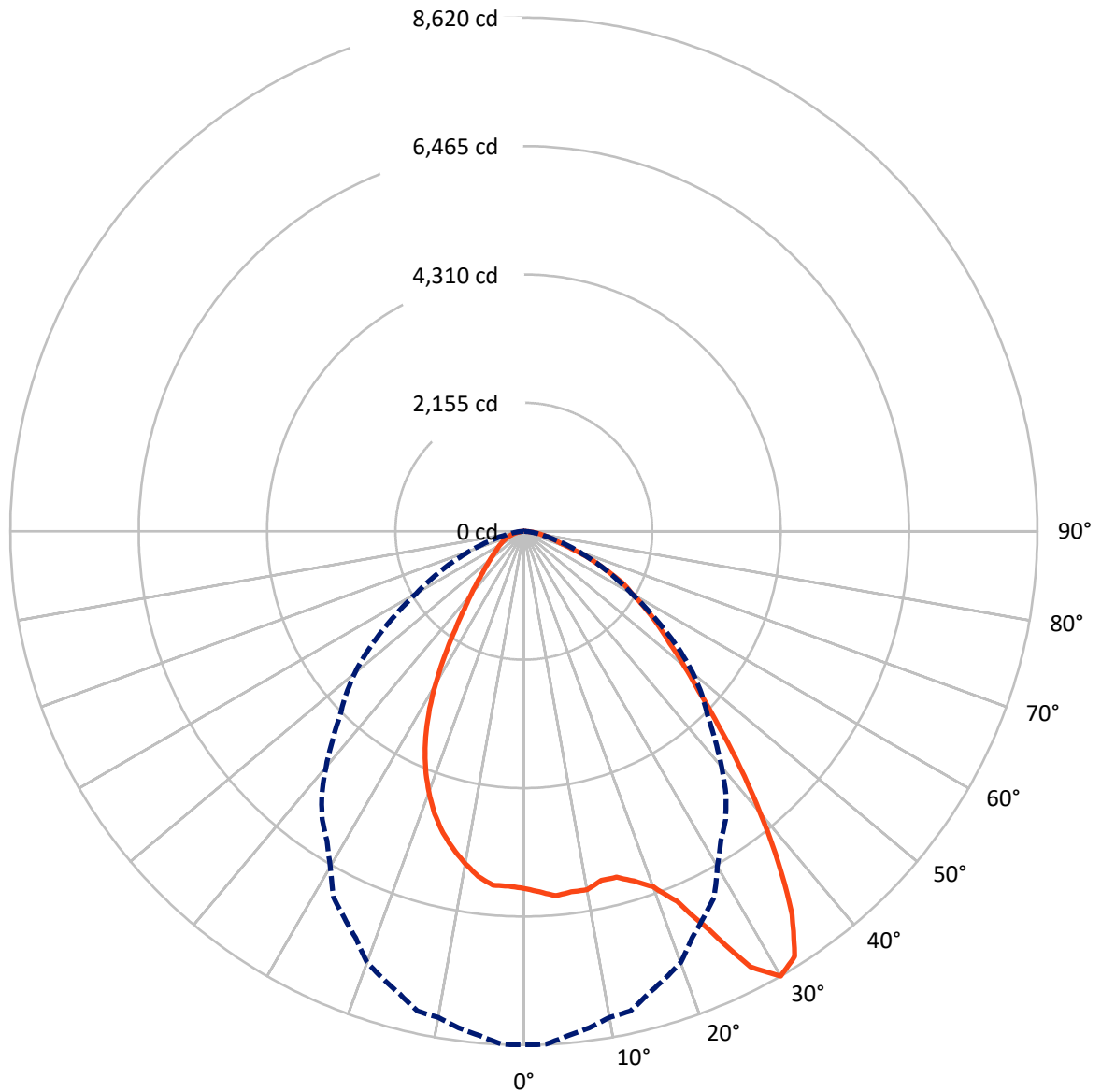
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Lumen Table



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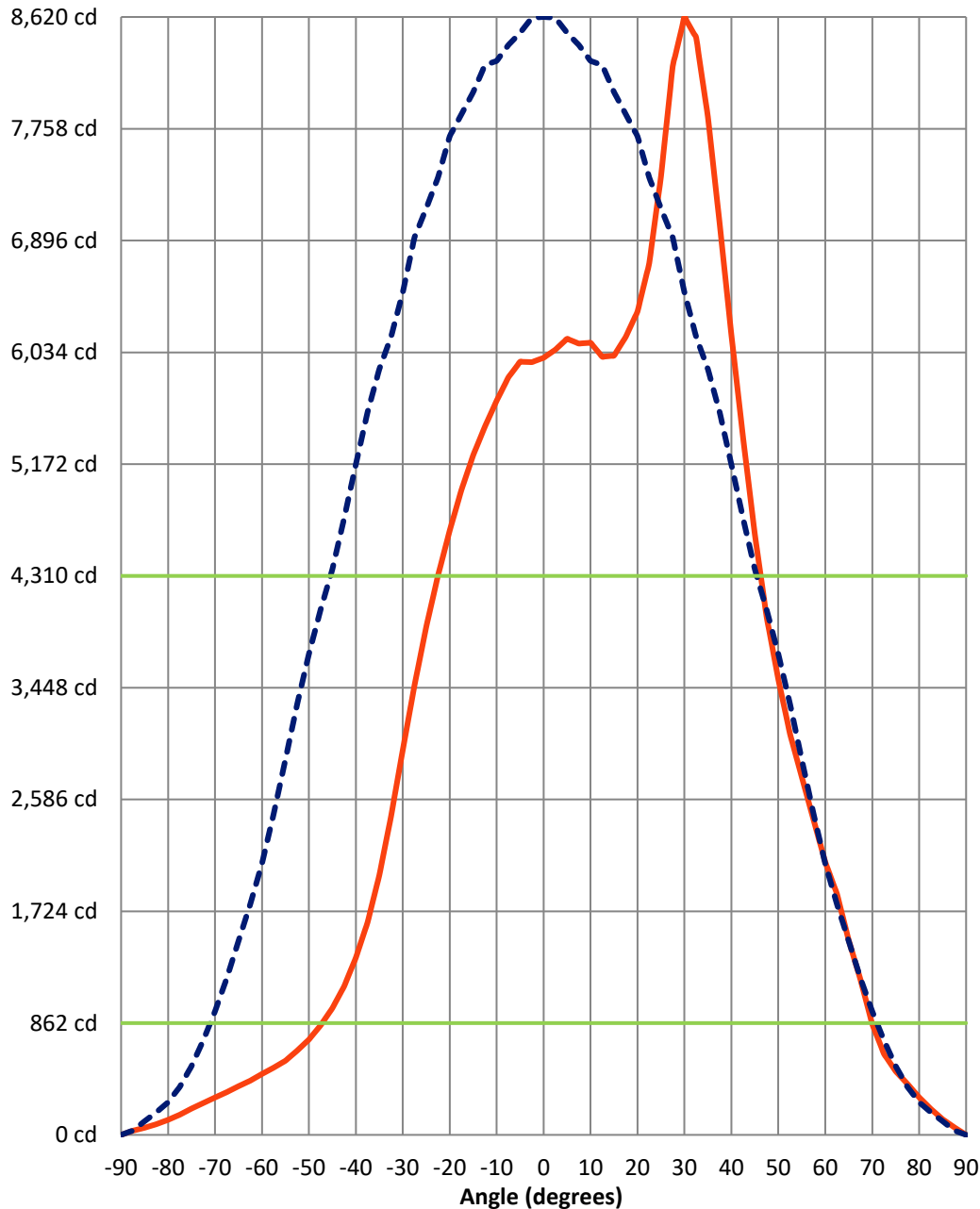
Luminous Intensity Polar Plot



— 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: 8367.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 13484.9
 Efficiency: 93.7%

Spill:
 Lumens: 904.7
 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°	57.9	59.5	61.0	61.0	59.5	59.5	59.5	57.9	59.5	59.5	59.5
85°	120.4	123.5	126.5	125.0	123.5	120.4	117.4	118.9	120.4	122.0	122.0
82.5°	199.7	204.3	207.3	205.8	202.7	199.7	196.6	198.2	201.2	202.7	202.7
80°	289.6	291.2	292.7	295.7	291.2	291.2	289.6	295.7	298.8	301.8	304.9
77.5°	393.3	394.8	394.8	396.3	397.9	399.4	399.4	410.1	417.7	422.3	426.8
75°	490.8	495.4	500.0	504.6	510.7	513.7	518.3	533.5	545.7	554.9	564.0
72.5°	625.0	631.1	638.7	649.4	660.1	667.7	678.3	696.6	710.4	719.5	730.2
70°	855.2	861.3	868.9	876.5	887.2	894.8	905.5	928.3	942.1	948.2	954.3
67.5°	1196.6	1211.9	1225.6	1210.4	1202.7	1192.1	1195.1	1216.5	1230.2	1239.3	1237.8
65°	1500.0	1510.7	1510.7	1509.1	1503.0	1489.3	1496.9	1522.9	1538.1	1545.7	1522.9
62.5°	1856.7	1856.7	1849.1	1861.3	1862.8	1853.6	1849.1	1850.6	1852.1	1856.7	1818.6
60°	2103.6	2118.9	2123.5	2134.1	2137.2	2137.2	2144.8	2150.9	2150.9	2141.8	2097.5
57.5°	2429.9	2458.8	2464.9	2457.3	2442.1	2422.2	2419.2	2410.0	2391.8	2373.5	2352.1
55°	2759.1	2774.4	2772.8	2768.3	2753.0	2730.2	2733.2	2721.0	2692.1	2669.2	2640.2
52.5°	3089.9	3126.5	3132.6	3123.5	3102.1	3077.7	3079.2	3065.5	3036.6	3012.2	2972.5
50°	3512.2	3542.7	3539.6	3524.4	3493.9	3475.6	3477.1	3451.2	3417.7	3410.0	3358.2
47.5°	3995.4	4030.5	4024.4	4003.0	3961.9	3954.2	3961.9	3928.3	3908.5	3891.7	3830.8
45°	4629.5	4670.7	4647.8	4606.7	4541.1	4548.7	4559.4	4553.3	4510.6	4466.4	4388.7
42.5°	5373.4	5399.3	5371.9	5330.8	5248.4	5263.7	5257.6	5221.0	5195.1	5121.9	5022.8
40°	6169.2	6225.6	6182.9	6118.9	6033.5	6056.4	6039.6	5992.3	5931.4	5839.9	5714.9
37.5°	7027.4	7071.6	7022.8	6948.1	6871.9	6864.3	6830.7	6757.6	6670.7	6570.1	6370.4
35°	7849.0	7963.4	7873.4	7754.5	7661.5	7626.5	7594.5	7425.2	7326.2	7163.1	6890.2
32.5°	8460.3	8544.1	8432.9	8309.4	8196.6	8147.8	8035.0	7833.8	7780.4	7437.4	7187.4
30°	8620.4	8614.3	8498.4	8403.9	8281.9	8248.4	8041.1	7870.4	7699.6	7382.6	7144.8
27.5°	8239.3	8201.2	8089.9	8007.6	7887.1	7847.5	7643.2	7551.8	7288.1	7019.8	6818.5
25°	7390.2	7410.0	7326.2	7285.0	7205.7	7120.4	7039.6	6916.1	6751.5	6516.7	6332.3
22.5°	6721.0	6746.9	6711.8	6663.1	6602.1	6554.8	6493.9	6397.8	6239.3	6094.5	5920.7
20°	6349.0	6341.4	6310.9	6274.3	6216.4	6182.9	6115.8	6035.0	5913.1	5788.1	5600.6
17.5°	6153.9	6106.7	6077.7	6064.0	6033.5	5990.8	5911.5	5829.2	5734.7	5592.9	5455.8
15°	6009.1	6016.7	5993.9	5983.2	5958.8	5899.3	5818.6	5751.5	5623.4	5551.8	5426.8
12.5°	6000.0	5992.3	5993.9	5989.3	5958.8	5882.6	5841.4	5756.1	5673.7	5579.2	5435.9
10°	6108.2	6027.4	6033.5	6054.8	6006.1	5945.1	5900.9	5807.9	5730.1	5609.7	5467.9
7.5°	6102.1	6060.9	6073.1	6038.1	6053.3	5978.6	5917.6	5824.7	5727.1	5599.0	5471.0
5°	6138.7	6076.2	6065.5	6068.6	6030.4	5974.0	5891.7	5803.3	5711.8	5568.6	5437.5
2.5°	6054.8	6064.0	6015.2	5996.9	5992.3	5897.8	5821.6	5736.2	5641.7	5515.2	5397.8
0°	5992.3	6009.1	5958.8	5932.9	5931.4	5850.6	5801.8	5704.2	5637.2	5532.0	5390.2
-2.5°	5958.8	5978.6	5984.7	5937.5	5891.7	5829.2	5746.9	5641.7	5532.0	5410.0	5288.1
-5°	5961.8	5922.2	5905.4	5920.7	5881.1	5818.6	5727.1	5634.1	5525.9	5394.8	5242.3
-7.5°	5841.4	5801.8	5798.7	5791.1	5782.0	5722.5	5646.3	5545.7	5435.9	5314.0	5172.2
-10°	5661.5	5632.6	5625.0	5617.3	5592.9	5557.9	5486.2	5394.8	5295.7	5173.7	5022.8
-12.5°	5461.8	5448.1	5419.2	5399.3	5375.0	5333.8	5265.2	5181.4	5082.3	4974.0	4844.5
-15°	5240.8	5214.9	5185.9	5169.2	5134.1	5085.3	5016.7	4939.0	4830.8	4724.0	4602.1
-17.5°	4974.0	4942.0	4910.0	4905.5	4881.1	4806.4	4742.3	4647.8	4553.3	4451.2	4332.3
-20°	4660.0	4615.8	4594.5	4582.3	4548.7	4493.9	4425.3	4338.4	4246.9	4149.4	4012.2



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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°	4312.5	4274.4	4237.8	4214.9	4185.9	4143.3	4077.7	4001.5	3911.6	3801.8	3675.3
-25°	3917.7	3864.3	3841.4	3815.5	3800.3	3760.6	3696.6	3626.5	3533.5	3426.8	3306.4
-27.5°	3466.4	3423.8	3411.6	3375.0	3356.7	3315.5	3262.2	3196.6	3111.3	3010.6	2911.6
-30°	2968.0	2942.1	2922.2	2885.6	2871.9	2827.7	2792.7	2737.8	2660.0	2588.4	2509.1
-32.5°	2455.8	2429.9	2423.8	2407.0	2397.8	2368.9	2329.3	2289.6	2227.1	2173.8	2109.7
-35°	2001.5	1983.2	1984.7	1983.2	1974.1	1952.7	1903.9	1893.3	1847.5	1798.8	1757.6
-37.5°	1638.7	1640.2	1638.7	1637.2	1625.0	1615.8	1580.8	1567.1	1539.6	1492.4	1468.0
-40°	1365.8	1368.9	1367.4	1364.3	1350.6	1346.0	1323.2	1304.9	1294.2	1260.7	1234.7
-42.5°	1144.8	1149.4	1147.9	1146.3	1137.2	1135.7	1123.5	1102.1	1096.0	1076.2	1048.8
-45°	977.1	975.6	972.6	975.6	971.0	966.5	958.8	945.1	937.5	928.3	905.5
-47.5°	844.5	846.0	843.0	843.0	836.9	832.3	829.3	820.1	814.0	806.4	792.7
-50°	734.8	740.8	739.3	737.8	733.2	730.2	730.2	721.0	711.9	708.8	699.7
-52.5°	649.4	654.0	655.5	658.5	660.1	661.6	657.0	647.9	632.6	631.1	626.5
-55°	571.6	585.4	594.5	600.6	606.7	611.3	602.1	589.9	574.7	568.6	567.1
-57.5°	518.3	532.0	542.7	551.8	559.4	567.1	557.9	545.7	532.0	524.4	522.9
-60°	469.5	481.7	492.4	504.6	515.2	527.4	522.9	513.7	506.1	500.0	493.9
-62.5°	417.7	429.9	442.1	457.3	471.0	483.2	484.8	483.2	481.7	483.2	472.6
-65°	375.0	381.1	388.7	405.5	420.7	434.4	442.1	446.6	454.3	461.9	451.2
-67.5°	329.3	336.9	346.0	358.2	370.4	379.6	390.2	402.4	414.6	426.8	419.2
-70°	288.1	294.2	301.8	307.9	315.5	321.6	330.8	344.5	358.2	370.4	367.4
-72.5°	245.4	251.5	256.1	259.1	263.7	266.8	271.3	283.5	292.7	298.8	298.8
-75°	202.7	208.8	213.4	214.9	218.0	219.5	222.6	227.1	231.7	233.2	234.8
-77.5°	155.5	161.6	166.2	169.2	172.3	175.3	176.8	179.9	181.4	181.4	182.9
-80°	115.9	120.4	123.5	128.0	129.6	132.6	135.7	137.2	138.7	138.7	140.2
-82.5°	82.3	85.4	88.4	91.5	94.5	96.0	99.1	100.6	102.1	103.7	105.2
-85°	54.9	57.9	61.0	64.0	65.5	67.1	68.6	70.1	71.6	73.2	74.7
-87.5°	32.0	33.5	35.1	38.1	39.6	42.7	44.2	42.7	44.2	44.2	44.2
-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):

	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°	59.5	59.5	59.5	59.5	57.9	54.9	53.4	50.3	47.3	44.2	41.2
85°	123.5	125.0	125.0	125.0	122.0	120.4	115.9	111.3	105.2	96.0	88.4
82.5°	205.8	207.3	207.3	205.8	202.7	198.2	192.1	184.4	172.3	160.1	149.4
80°	309.4	311.0	311.0	309.4	301.8	294.2	286.6	277.4	262.2	245.4	227.1
77.5°	432.9	436.0	436.0	431.4	420.7	411.6	399.4	384.1	361.3	336.9	312.5
75°	576.2	583.8	585.4	580.8	567.1	550.3	530.5	504.6	469.5	439.0	410.1
72.5°	742.4	750.0	756.1	750.0	730.2	707.3	678.3	647.9	612.8	571.6	522.9
70°	960.4	968.0	972.6	952.7	917.7	879.6	844.5	809.4	768.3	718.0	664.6
67.5°	1234.7	1227.1	1218.0	1178.3	1134.1	1088.4	1039.6	987.8	934.4	881.1	818.6
65°	1498.5	1477.1	1457.3	1410.1	1353.6	1294.2	1237.8	1179.9	1115.8	1048.8	989.3
62.5°	1775.9	1730.2	1681.4	1623.5	1565.5	1500.0	1443.6	1375.0	1303.3	1221.0	1144.8
60°	2048.8	1993.9	1945.1	1873.5	1797.2	1708.8	1647.9	1580.8	1496.9	1408.5	1318.6
57.5°	2312.5	2253.0	2199.7	2137.2	2054.9	1958.8	1891.8	1804.9	1716.5	1605.2	1513.7
55°	2593.0	2533.5	2490.8	2420.7	2330.8	2242.4	2169.2	2077.7	1954.3	1835.4	1722.5
52.5°	2914.6	2867.4	2821.6	2750.0	2641.7	2551.8	2471.0	2368.9	2239.3	2093.0	1957.3
50°	3274.4	3250.0	3201.2	3117.4	2993.9	2914.6	2807.9	2672.2	2533.5	2379.6	2210.3
47.5°	3751.5	3711.9	3643.3	3551.8	3448.1	3329.2	3186.0	3027.4	2830.8	2660.0	2480.2
45°	4321.6	4248.4	4160.0	4036.6	3908.5	3774.4	3617.4	3416.1	3152.4	2929.9	2740.8
42.5°	4939.0	4839.9	4719.5	4557.9	4391.7	4227.1	4057.9	3783.5	3454.2	3198.1	2984.7
40°	5583.8	5457.3	5306.4	5071.6	4887.2	4675.3	4481.7	4071.6	3721.0	3443.6	3216.4
37.5°	6214.9	6054.8	5801.8	5516.7	5301.8	5128.0	4702.7	4263.7	3949.7	3644.8	3414.6
35°	6698.1	6562.4	6115.8	5820.1	5635.6	5361.2	4829.2	4379.5	4047.2	3794.2	3435.9
32.5°	6984.7	6634.1	6242.3	5943.6	5791.1	5341.4	4838.4	4413.1	4093.0	3809.4	3381.1
30°	6920.7	6496.9	6153.9	5903.9	5573.1	5169.2	4753.0	4361.2	4050.3	3707.3	3320.1
27.5°	6535.0	6207.3	5900.9	5640.2	5315.5	4952.7	4568.6	4224.1	3934.4	3602.1	3236.3
25°	6099.0	5801.8	5574.7	5347.5	5039.6	4693.6	4355.1	4106.7	3815.5	3487.8	3126.5
22.5°	5698.1	5484.7	5306.4	5068.6	4768.3	4466.4	4256.1	3998.4	3699.7	3367.4	3013.7
20°	5442.0	5297.2	5092.9	4830.8	4594.5	4405.5	4172.2	3899.4	3591.4	3243.9	2917.7
17.5°	5318.6	5150.9	4923.7	4753.0	4571.6	4364.3	4103.6	3814.0	3486.3	3187.5	2928.3
15°	5254.5	5077.7	4928.3	4760.6	4556.4	4338.4	4048.7	3748.4	3486.3	3210.3	2936.0
12.5°	5268.3	5115.8	4952.7	4769.8	4550.3	4317.0	4054.8	3775.9	3504.5	3227.1	2937.5
10°	5310.9	5150.9	4977.1	4774.4	4553.3	4323.1	4071.6	3792.7	3513.7	3234.7	2934.4
7.5°	5326.2	5152.4	4966.4	4762.2	4545.7	4320.1	4074.7	3797.2	3515.2	3233.2	2925.3
5°	5278.9	5121.9	4942.0	4736.2	4524.4	4304.8	4062.5	3791.1	3503.0	3218.0	2902.4
2.5°	5214.9	5088.4	4916.1	4718.0	4503.0	4283.5	4042.7	3763.7	3475.6	3190.5	2873.5
0°	5204.2	5047.2	4873.4	4696.6	4468.0	4236.2	3996.9	3711.9	3425.3	3138.7	2823.1
-2.5°	5134.1	4967.9	4794.2	4602.1	4400.9	4167.7	3916.1	3637.2	3353.6	3071.6	2768.3
-5°	5080.8	4896.3	4711.9	4504.5	4301.8	4068.6	3807.9	3536.6	3259.1	2984.7	2692.1
-7.5°	5009.1	4820.1	4626.5	4410.0	4190.5	3952.7	3695.1	3423.8	3150.9	2878.0	2597.5
-10°	4864.3	4698.1	4516.7	4292.7	4060.9	3823.1	3567.0	3300.3	3027.4	2751.5	2469.5
-12.5°	4689.0	4513.7	4315.5	4109.7	3902.4	3681.4	3425.3	3163.1	2888.7	2611.3	2330.8
-15°	4461.9	4289.6	4086.9	3885.6	3685.9	3474.1	3248.5	3012.2	2733.2	2460.3	2179.9
-17.5°	4178.3	4016.7	3835.3	3643.3	3445.1	3231.7	3012.2	2812.5	2551.8	2295.7	2018.3
-20°	3873.4	3722.5	3559.4	3378.0	3179.9	2971.0	2763.7	2554.9	2329.3	2103.6	1846.0



REPORT NUMBER: P722138
 CATALOG NUMBER: IFLD-S-SA3A-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3556.4	3403.9	3239.3	3070.1	2887.2	2693.6	2501.5	2301.8	2103.6	1899.4	1681.4
-25°	3190.5	3056.4	2905.5	2740.8	2577.7	2408.5	2225.6	2044.2	1875.0	1698.2	1519.8
-27.5°	2807.9	2684.4	2547.2	2403.9	2263.7	2121.9	1963.4	1795.7	1655.5	1509.1	1361.3
-30°	2405.5	2306.4	2195.1	2070.1	1961.9	1847.5	1714.9	1576.2	1448.2	1336.9	1218.0
-32.5°	2024.4	1940.5	1861.3	1778.9	1672.2	1583.8	1492.4	1390.2	1277.4	1172.2	1086.9
-35°	1696.6	1606.7	1573.2	1512.2	1436.0	1358.2	1291.1	1218.0	1132.6	1039.6	969.5
-37.5°	1420.7	1367.4	1320.1	1286.6	1236.3	1173.8	1120.4	1067.1	1001.5	931.4	861.3
-40°	1205.8	1169.2	1117.4	1100.6	1068.6	1025.9	971.0	929.9	885.7	832.3	772.9
-42.5°	1033.5	1006.1	972.6	943.6	929.9	899.4	856.7	817.1	782.0	745.4	699.7
-45°	891.8	873.5	852.1	826.2	815.5	791.2	760.7	716.5	696.6	666.2	632.6
-47.5°	777.4	768.3	753.0	736.3	721.0	702.7	675.3	647.9	620.4	600.6	574.7
-50°	687.5	681.4	672.3	658.5	638.7	626.5	608.2	583.8	557.9	541.2	522.9
-52.5°	615.8	609.8	603.7	593.0	577.7	565.5	550.3	530.5	509.1	492.4	477.1
-55°	561.0	551.8	547.3	538.1	525.9	512.2	498.5	484.8	466.5	451.2	436.0
-57.5°	518.3	506.1	500.0	492.4	480.2	466.5	455.8	442.1	429.9	413.1	399.4
-60°	484.8	471.0	458.8	451.2	440.5	426.8	416.2	405.5	393.3	379.6	362.8
-62.5°	457.3	440.5	423.8	414.6	404.0	391.8	381.1	370.4	358.2	344.5	329.3
-65°	431.4	411.6	390.2	381.1	370.4	358.2	344.5	336.9	326.2	314.0	298.8
-67.5°	399.4	378.0	359.8	349.1	338.4	327.7	315.5	307.9	297.3	282.0	266.8
-70°	352.1	338.4	326.2	317.1	307.9	298.8	286.6	274.4	262.2	248.5	234.8
-72.5°	292.7	288.1	286.6	282.0	271.3	260.7	248.5	236.3	225.6	214.9	204.3
-75°	236.3	239.3	242.4	240.9	230.2	219.5	208.8	198.2	190.5	181.4	172.3
-77.5°	187.5	190.5	193.6	193.6	186.0	179.9	172.3	164.6	158.5	150.9	141.8
-80°	144.8	149.4	154.0	157.0	150.9	146.3	140.2	134.1	128.0	122.0	115.9
-82.5°	109.8	114.3	118.9	122.0	117.4	114.3	109.8	105.2	100.6	94.5	89.9
-85°	79.3	82.3	85.4	86.9	83.8	80.8	77.7	74.7	71.6	67.1	64.0
-87.5°	45.7	47.3	48.8	50.3	47.3	44.2	42.7	39.6	38.1	35.1	33.5
-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-SA3A-760-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°	38.1	35.1	32.0	30.5	27.4	22.9	19.8	16.8	13.7	10.7	9.1
85°	80.8	73.2	64.0	59.5	53.4	47.3	41.2	35.1	29.0	22.9	16.8
82.5°	138.7	129.6	120.4	109.8	96.0	79.3	62.5	51.8	42.7	33.5	25.9
80°	208.8	192.1	176.8	163.1	147.9	126.5	103.7	82.3	57.9	44.2	33.5
77.5°	289.6	269.8	248.5	225.6	201.2	172.3	146.3	118.9	89.9	61.0	42.7
75°	381.1	355.2	326.2	294.2	262.2	224.1	187.5	155.5	122.0	85.4	51.8
72.5°	483.2	451.2	416.2	373.5	323.2	279.0	234.8	192.1	152.4	108.2	70.1
70°	614.3	564.0	512.2	466.5	402.4	332.3	280.5	231.7	181.4	132.6	88.4
67.5°	754.6	693.6	631.1	564.0	483.2	400.9	326.2	271.3	211.9	155.5	105.2
65°	907.0	830.8	751.5	676.8	565.5	468.0	384.1	309.4	240.9	176.8	122.0
62.5°	1064.0	974.1	882.6	785.1	657.0	536.6	439.0	352.1	268.3	196.6	137.2
60°	1231.7	1126.5	1015.2	893.3	743.9	611.3	490.8	396.3	297.3	216.5	154.0
57.5°	1408.5	1294.2	1163.1	998.5	833.8	682.9	550.3	436.0	323.2	234.8	166.2
55°	1600.6	1469.5	1326.2	1108.2	922.2	754.6	609.8	475.6	350.6	250.0	178.4
52.5°	1807.9	1655.5	1474.1	1224.1	1015.2	827.7	664.6	510.7	376.5	266.8	189.0
50°	2039.6	1847.5	1603.6	1330.8	1096.0	896.3	719.5	548.8	397.9	285.1	198.2
47.5°	2280.5	2073.2	1719.5	1429.9	1178.3	963.4	775.9	582.3	419.2	300.3	207.3
45°	2532.0	2230.2	1839.9	1518.3	1250.0	1024.4	818.6	612.8	445.1	314.0	214.9
42.5°	2780.5	2349.1	1945.1	1606.7	1317.1	1079.3	853.7	641.8	466.5	327.7	222.6
40°	2897.8	2439.0	2028.9	1667.7	1373.5	1128.0	884.1	667.7	484.8	336.9	230.2
37.5°	2946.6	2493.9	2083.8	1725.6	1417.7	1154.0	910.1	690.5	500.0	346.0	236.3
35°	2957.3	2513.7	2111.3	1765.2	1454.3	1178.3	929.9	707.3	512.2	355.2	242.4
32.5°	2937.5	2507.6	2118.9	1778.9	1477.1	1196.6	943.6	719.5	521.3	364.3	248.5
30°	2893.3	2475.6	2091.4	1777.4	1493.9	1207.3	952.7	728.7	530.5	370.4	251.5
27.5°	2821.6	2419.2	2056.4	1778.9	1503.0	1211.9	957.3	733.2	536.6	375.0	257.6
25°	2733.2	2343.0	2057.9	1775.9	1504.6	1213.4	957.3	733.2	538.1	376.5	262.2
22.5°	2631.1	2343.0	2057.9	1771.3	1495.4	1210.4	952.7	730.2	538.1	379.6	266.8
20°	2637.2	2344.5	2053.3	1762.2	1481.7	1201.2	942.1	722.6	533.5	384.1	269.8
17.5°	2641.7	2341.4	2044.2	1750.0	1463.4	1186.0	928.3	711.9	533.5	388.7	271.3
15°	2641.7	2332.3	2030.5	1731.7	1440.5	1164.6	908.5	702.7	535.1	390.2	274.4
12.5°	2637.2	2315.5	2009.1	1707.3	1413.1	1138.7	896.3	699.7	535.1	391.8	274.4
10°	2628.0	2292.7	1981.7	1676.8	1387.2	1129.6	890.2	693.6	532.0	391.8	274.4
7.5°	2611.3	2265.2	1958.8	1658.5	1371.9	1118.9	881.1	684.4	527.4	388.7	277.4
5°	2585.3	2250.0	1940.5	1637.2	1350.6	1111.3	875.0	676.8	524.4	388.7	274.4
2.5°	2551.8	2231.7	1919.2	1609.7	1326.2	1085.4	855.2	660.1	513.7	382.6	271.3
0°	2496.9	2195.1	1882.6	1571.6	1292.7	1059.4	835.4	643.3	503.0	376.5	268.3
-2.5°	2446.6	2146.3	1835.4	1532.0	1260.7	1036.6	820.1	634.1	498.5	375.0	266.8
-5°	2376.5	2079.3	1772.9	1480.2	1218.0	1013.7	804.9	623.5	493.9	371.9	266.8
-7.5°	2298.8	2009.1	1707.3	1426.8	1175.3	974.1	775.9	606.7	483.2	365.9	265.2
-10°	2178.3	1903.9	1625.0	1365.8	1129.6	939.0	751.5	591.5	474.1	359.8	259.1
-12.5°	2050.3	1788.1	1530.5	1291.1	1077.7	902.4	724.1	574.7	463.4	353.7	256.1
-15°	1914.6	1669.2	1431.4	1213.4	1021.3	858.2	695.1	556.4	452.7	346.0	251.5
-17.5°	1772.9	1544.2	1329.3	1134.1	964.9	812.5	664.6	539.6	440.5	338.4	246.9
-20°	1623.5	1416.1	1225.6	1053.3	905.5	766.8	632.6	519.8	426.8	329.3	240.9



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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°	1475.6	1289.6	1118.9	974.1	844.5	719.5	600.6	500.0	411.6	318.6	236.3
-25°	1344.5	1170.7	1024.4	897.9	785.1	673.8	567.1	480.2	394.8	307.9	230.2
-27.5°	1216.5	1068.6	931.4	826.2	727.1	629.6	535.1	458.8	378.0	295.7	224.1
-30°	1097.6	971.0	858.2	756.1	672.3	589.9	507.6	437.5	359.8	283.5	216.5
-32.5°	989.3	887.2	792.7	695.1	620.4	550.3	481.7	416.2	341.5	271.3	208.8
-35°	888.7	809.4	727.1	644.8	568.6	513.7	454.3	393.3	324.7	257.6	201.2
-37.5°	798.8	734.8	669.2	599.1	533.5	478.7	428.4	370.4	307.9	245.4	193.6
-40°	721.0	669.2	611.3	554.9	500.0	448.2	402.4	347.6	291.2	236.3	186.0
-42.5°	649.4	609.8	562.5	515.2	466.5	420.7	376.5	323.2	274.4	225.6	178.4
-45°	594.5	554.9	516.8	474.1	432.9	393.3	349.1	301.8	259.1	213.4	170.7
-47.5°	542.7	507.6	472.6	437.5	404.0	367.4	323.2	283.5	242.4	202.7	164.6
-50°	496.9	463.4	432.9	402.4	373.5	338.4	297.3	265.2	228.7	192.1	157.0
-52.5°	454.3	425.3	394.8	370.4	346.0	311.0	277.4	246.9	214.9	179.9	149.4
-55°	416.2	388.7	361.3	338.4	315.5	285.1	257.6	231.7	201.2	170.7	141.8
-57.5°	379.6	356.7	330.8	309.4	286.6	262.2	239.3	214.9	187.5	161.6	134.1
-60°	346.0	324.7	301.8	280.5	260.7	240.9	219.5	199.7	175.3	150.9	126.5
-62.5°	312.5	294.2	274.4	253.0	237.8	219.5	202.7	182.9	163.1	141.8	112.8
-65°	282.0	265.2	246.9	228.7	214.9	201.2	186.0	167.7	150.9	131.1	100.6
-67.5°	251.5	236.3	221.0	205.8	193.6	182.9	167.7	154.0	140.2	118.9	88.4
-70°	222.6	210.4	196.6	184.4	175.3	163.1	152.4	140.2	128.0	103.7	74.7
-72.5°	195.1	182.9	172.3	163.1	155.5	144.8	135.7	126.5	109.8	86.9	62.5
-75°	163.1	155.5	149.4	141.8	134.1	126.5	118.9	108.2	91.5	70.1	48.8
-77.5°	134.1	129.6	125.0	118.9	112.8	106.7	97.6	86.9	73.2	54.9	39.6
-80°	109.8	105.2	102.1	96.0	91.5	85.4	76.2	67.1	53.4	42.7	32.0
-82.5°	83.8	80.8	77.7	74.7	70.1	64.0	54.9	47.3	39.6	32.0	24.4
-85°	59.5	57.9	54.9	51.8	47.3	42.7	36.6	32.0	27.4	21.3	16.8
-87.5°	30.5	29.0	27.4	25.9	24.4	21.3	18.3	15.2	13.7	10.7	7.6
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	6.1	4.6	1.5	0.0
85°	12.2	7.6	3.0	0.0
82.5°	18.3	12.2	4.6	0.0
80°	24.4	15.2	7.6	0.0
77.5°	30.5	18.3	9.1	0.0
75°	36.6	22.9	10.7	0.0
72.5°	41.2	25.9	12.2	0.0
70°	48.8	30.5	13.7	0.0
67.5°	61.0	33.5	15.2	0.0
65°	71.6	36.6	16.8	0.0
62.5°	83.8	39.6	18.3	0.0
60°	94.5	42.7	19.8	0.0
57.5°	105.2	50.3	21.3	0.0
55°	114.3	56.4	22.9	0.0
52.5°	125.0	62.5	24.4	0.0
50°	134.1	68.6	25.9	0.0
47.5°	141.8	74.7	25.9	0.0
45°	147.9	79.3	27.4	0.0
42.5°	152.4	83.8	29.0	0.0
40°	157.0	88.4	30.5	0.0
37.5°	161.6	93.0	30.5	0.0
35°	166.2	97.6	32.0	0.0
32.5°	170.7	102.1	32.0	0.0
30°	173.8	105.2	33.5	0.0
27.5°	178.4	108.2	33.5	0.0
25°	179.9	111.3	35.1	0.0
22.5°	182.9	112.8	35.1	0.0
20°	186.0	115.9	35.1	0.0
17.5°	187.5	117.4	36.6	0.0
15°	187.5	118.9	38.1	0.0
12.5°	189.0	120.4	38.1	0.0
10°	189.0	123.5	36.6	0.0
7.5°	192.1	122.0	36.6	0.0
5°	190.5	122.0	36.6	0.0
2.5°	189.0	120.4	36.6	0.0
0°	187.5	120.4	36.6	0.0
-2.5°	187.5	120.4	36.6	0.0
-5°	187.5	120.4	36.6	0.0
-7.5°	186.0	122.0	36.6	0.0
-10°	182.9	122.0	36.6	0.0
-12.5°	181.4	117.4	36.6	0.0
-15°	179.9	115.9	36.6	0.0
-17.5°	176.8	114.3	35.1	0.0
-20°	173.8	112.8	35.1	0.0



REPORT NUMBER: P722138
 CATALOG NUMBER: IFLD-S-SA3A-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	170.7	109.8	35.1	0.0
-25°	167.7	106.7	33.5	0.0
-27.5°	164.6	103.7	33.5	0.0
-30°	160.1	100.6	32.0	0.0
-32.5°	155.5	97.6	32.0	0.0
-35°	152.4	93.0	30.5	0.0
-37.5°	147.9	88.4	30.5	0.0
-40°	143.3	83.8	29.0	0.0
-42.5°	138.7	79.3	27.4	0.0
-45°	132.6	74.7	27.4	0.0
-47.5°	128.0	70.1	25.9	0.0
-50°	120.4	64.0	24.4	0.0
-52.5°	111.3	57.9	22.9	0.0
-55°	102.1	53.4	21.3	0.0
-57.5°	93.0	47.3	21.3	0.0
-60°	83.8	41.2	19.8	0.0
-62.5°	74.7	38.1	18.3	0.0
-65°	65.5	35.1	16.8	0.0
-67.5°	54.9	30.5	15.2	0.0
-70°	45.7	27.4	13.7	0.0
-72.5°	39.6	24.4	12.2	0.0
-75°	33.5	21.3	10.7	0.0
-77.5°	29.0	18.3	9.1	0.0
-80°	22.9	13.7	6.1	0.0
-82.5°	16.8	10.7	4.6	0.0
-85°	10.7	7.6	3.0	0.0
-87.5°	6.1	3.0	1.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)