

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: P722372

Luminaire Tested: **IFLD-S-SA3C-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722372
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15954.2 lumens	Max Intensity:	11137.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	99.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	10178.1 lumens	Field Lumens:	15041.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

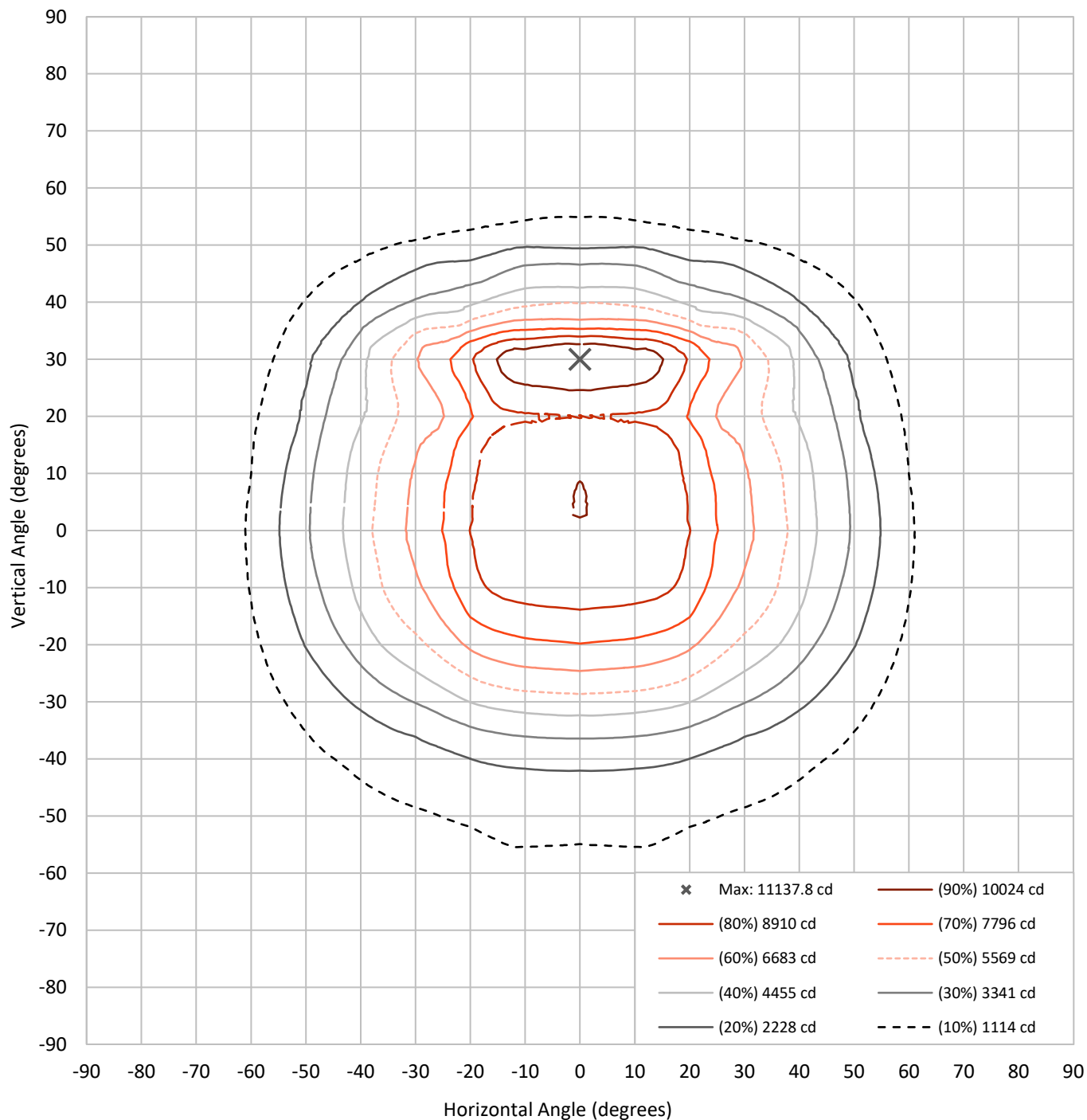
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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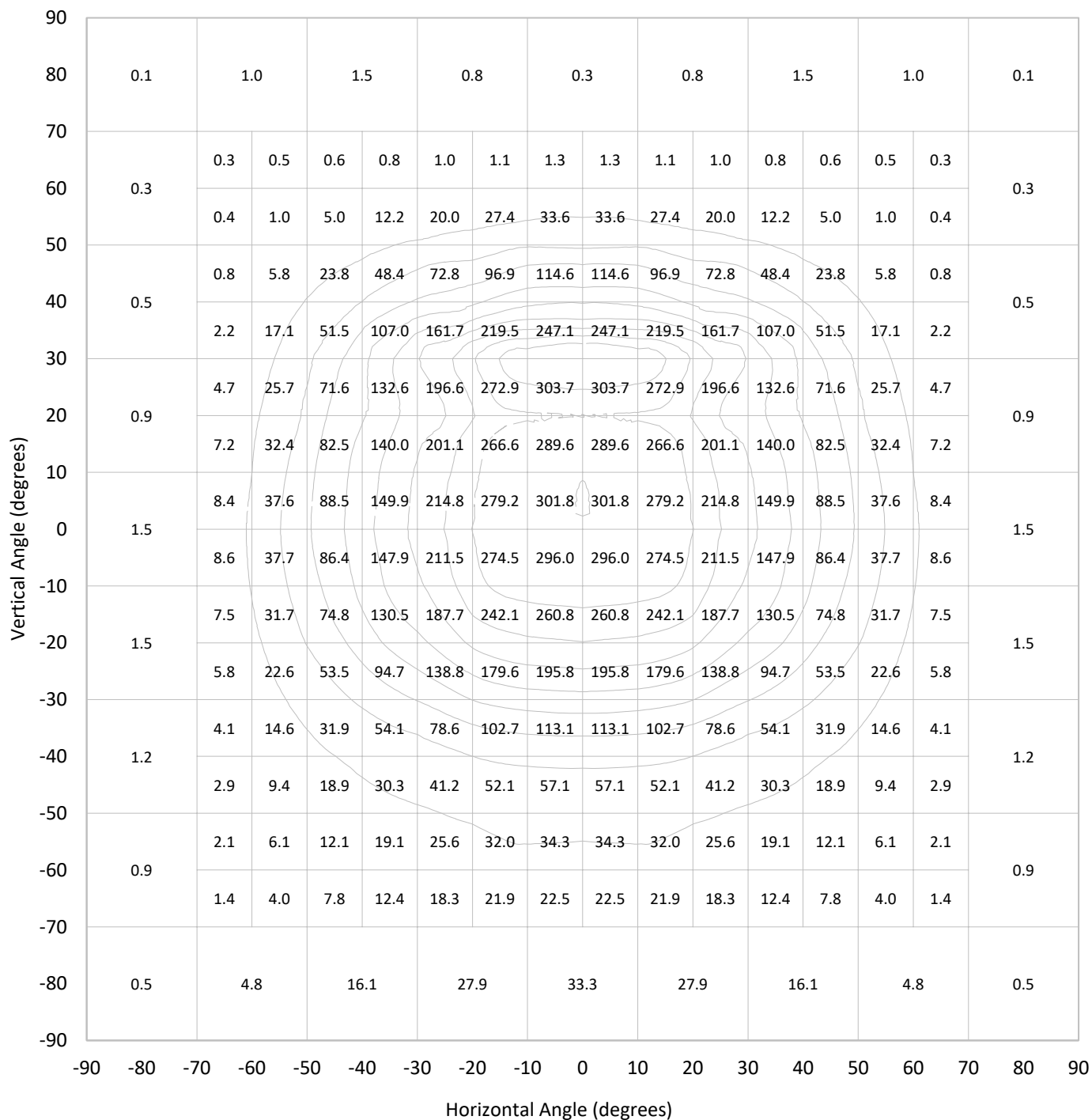
Iso-Candela Plot



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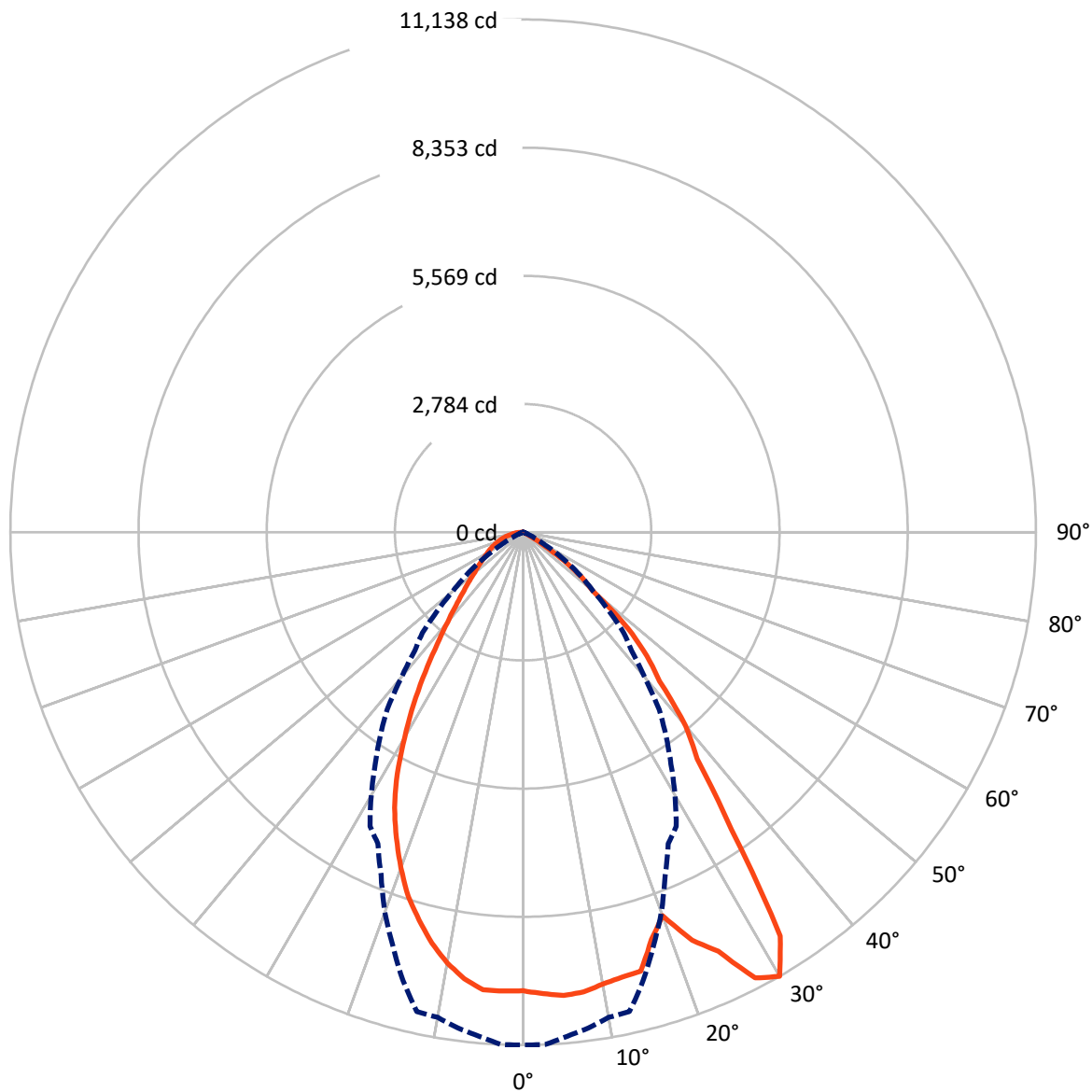
Lumen Table



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Luminous Intensity Polar Plot

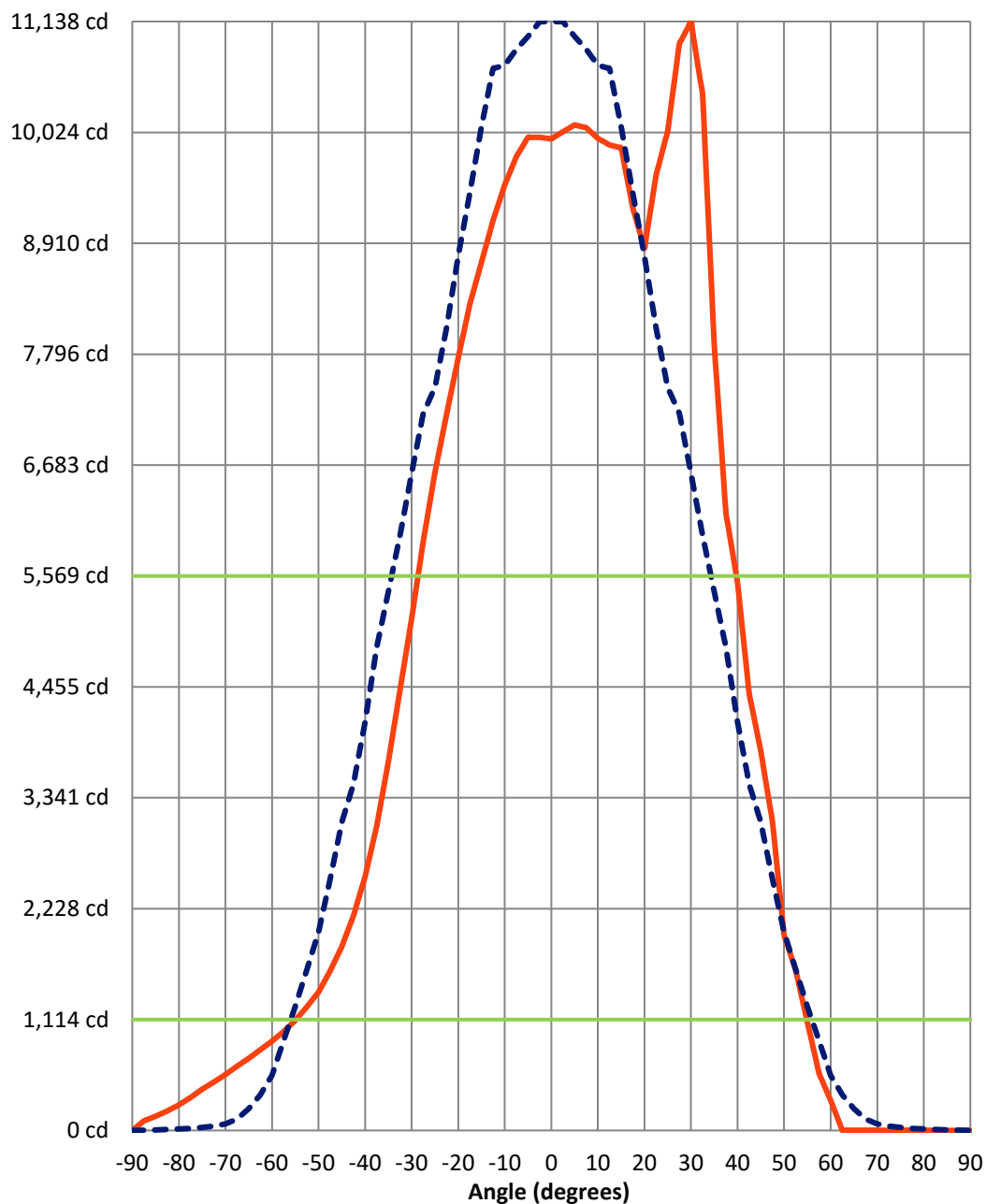


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 10178.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 15041.2

Efficiency: 94.3%

Spill:

Lumens: 913

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	2.5	5.1	5.1	5.1	5.1	5.1	5.1	7.6
82.5°	0.0	2.5	2.5	2.5	5.1	5.1	5.1	5.1	7.6	7.6	10.2
80°	2.5	2.5	2.5	2.5	5.1	5.1	5.1	7.6	7.6	10.2	10.2
77.5°	2.5	2.5	2.5	5.1	5.1	5.1	7.6	7.6	10.2	10.2	12.7
75°	2.5	2.5	2.5	5.1	5.1	7.6	7.6	7.6	10.2	10.2	12.7
72.5°	0.0	2.5	2.5	5.1	5.1	7.6	7.6	7.6	10.2	10.2	10.2
70°	2.5	2.5	2.5	5.1	5.1	7.6	7.6	7.6	10.2	10.2	10.2
67.5°	2.5	2.5	2.5	5.1	5.1	7.6	7.6	10.2	10.2	10.2	12.7
65°	2.5	2.5	2.5	5.1	7.6	7.6	10.2	12.7	12.7	15.2	17.8
62.5°	2.5	5.1	5.1	7.6	10.2	12.7	27.9	43.2	43.2	30.5	25.4
60°	302.3	327.7	325.1	294.6	256.5	215.9	208.3	200.7	185.4	162.6	170.2
57.5°	574.0	604.5	617.2	609.6	589.3	553.7	533.4	510.5	480.1	444.5	403.9
55°	1087.1	1099.8	1071.9	1018.5	960.1	901.7	881.4	850.9	805.2	759.5	698.5
52.5°	1607.8	1651.0	1638.3	1584.9	1506.2	1402.1	1287.8	1198.9	1145.5	1094.7	1033.8
50°	1963.4	1981.2	2016.7	2080.2	2103.1	2032.0	1846.6	1607.8	1437.6	1524.0	1457.9
47.5°	3098.8	3187.7	3169.9	3124.2	3048.0	2854.9	2595.9	2382.5	2204.7	2146.3	2156.4
45°	3807.4	3843.0	3830.3	3810.0	3774.4	3594.1	3307.0	2979.4	2814.3	2748.2	2679.7
42.5°	4389.1	4427.2	4434.8	4437.3	4399.2	4234.1	3975.1	3647.4	3482.3	3291.8	3141.9
40°	5499.0	5554.9	5491.4	5407.6	5280.6	5092.6	4838.6	4536.4	4244.3	4010.6	3832.8
37.5°	6207.7	6276.3	6301.7	6296.6	6268.7	6187.4	5875.0	5587.9	5140.9	4617.7	4711.6
35°	7889.2	7960.3	7940.0	7863.8	7823.1	7736.8	7432.0	7091.6	6530.3	5961.3	5808.9
32.5°	10396.1	10551.0	10261.5	9944.0	9748.4	9817.0	9507.1	8674.0	8414.9	7388.8	6913.8
30°	11137.8	11135.2	10987.9	10858.4	10698.4	10665.3	10081.1	9415.7	8780.7	8061.9	7462.4
27.5°	10911.7	10866.0	10741.5	10647.6	10497.7	10419.0	9847.5	9319.2	8585.1	7942.5	7363.4
25°	10040.5	10076.1	9949.1	9931.3	9872.9	9720.5	9436.0	8841.6	8186.3	7475.1	7058.6
22.5°	9590.9	9578.2	9425.8	9336.9	9408.1	9245.5	9131.2	8531.8	7848.5	7249.1	6748.7
20°	8859.4	8862.0	8823.9	8816.2	8773.1	8699.4	8608.0	8183.8	7701.2	7188.1	6586.1
17.5°	9268.4	9372.5	9418.2	9039.8	9146.4	9062.6	8966.1	8374.3	8011.1	7556.4	6771.6
15°	9867.8	9829.7	9784.0	9763.7	9705.2	9626.5	9451.2	8978.8	8354.0	7884.1	7271.9
12.5°	9898.3	9824.6	9806.8	9804.3	9743.3	9634.1	9463.9	9072.8	8519.1	7947.6	7449.7
10°	9964.3	9888.1	9878.0	9890.7	9796.7	9728.1	9557.9	9194.7	8569.9	8056.8	7586.9
7.5°	10071.0	9944.0	10002.4	9964.3	9921.1	9811.9	9629.0	9273.4	8755.3	8201.6	7708.8
5°	10098.9	9959.2	10022.7	9987.2	9923.7	9817.0	9618.9	9324.2	8869.6	8260.0	7757.1
2.5°	10030.4	9989.7	9961.8	9895.7	9867.8	9751.0	9563.0	9248.0	8816.2	8234.6	7746.9
0°	9959.2	9994.8	9931.3	9865.3	9852.6	9758.6	9598.6	9314.1	8940.7	8305.7	7833.3
-2.5°	9974.5	9946.5	9903.4	9834.8	9768.7	9634.1	9489.3	9222.6	8821.3	8150.8	7711.4
-5°	9974.5	9844.9	9850.0	9852.6	9786.5	9646.8	9471.6	9245.5	8750.2	8148.2	7675.8
-7.5°	9781.4	9669.7	9651.9	9636.7	9618.9	9489.3	9352.2	9070.2	8630.8	8082.2	7576.7
-10°	9497.0	9387.7	9397.9	9375.0	9319.2	9232.8	9128.7	8874.7	8514.0	7873.9	7376.1
-12.5°	9141.4	9093.1	9065.2	9027.1	8971.2	8895.0	8788.3	8549.5	8163.5	7617.4	7144.9
-15°	8719.7	8684.2	8658.8	8635.9	8554.6	8475.9	8336.2	8115.2	7873.9	7287.2	6804.6
-17.5°	8298.1	8209.2	8173.6	8143.2	8089.8	7962.8	7835.8	7670.7	7332.9	6868.1	6454.1
-20°	7757.1	7703.7	7660.6	7619.9	7543.7	7444.7	7340.5	7150.0	6857.9	6482.0	6052.8

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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°	7190.7	7160.2	7124.6	7073.8	7023.0	6929.0	6784.3	6601.4	6372.8	5966.4	5565.1
-25°	6606.5	6548.0	6504.9	6456.6	6416.0	6329.6	6189.9	6014.7	5727.6	5377.1	5041.8
-27.5°	5918.1	5862.3	5839.4	5783.5	5748.0	5669.2	5529.5	5367.0	5107.9	4813.2	4472.9
-30°	5140.9	5151.1	5125.7	5072.3	5029.1	4927.5	4820.9	4683.7	4480.5	4198.6	3893.8
-32.5°	4422.1	4434.8	4404.3	4348.4	4292.6	4218.9	4119.8	3995.4	3843.0	3573.7	3309.6
-35°	3703.3	3698.2	3672.8	3639.8	3601.7	3540.7	3429.0	3335.0	3159.7	2971.8	2788.9
-37.5°	3058.1	3070.8	3063.2	3045.4	3002.2	2951.4	2860.0	2773.6	2644.1	2479.0	2336.8
-40°	2547.6	2562.8	2552.7	2534.9	2496.8	2466.3	2405.4	2329.2	2225.0	2082.8	1963.4
-42.5°	2156.4	2166.6	2153.9	2138.7	2105.6	2082.8	2034.5	1971.0	1884.7	1775.4	1668.8
-45°	1846.6	1849.1	1836.4	1826.2	1800.8	1772.9	1732.3	1681.5	1612.9	1536.7	1450.3
-47.5°	1602.7	1600.2	1587.5	1577.3	1557.0	1531.6	1498.6	1452.9	1399.5	1341.1	1272.5
-50°	1389.4	1402.1	1397.0	1386.8	1371.6	1353.8	1320.8	1272.5	1219.2	1176.0	1127.7
-52.5°	1242.0	1244.6	1242.0	1242.0	1239.5	1226.8	1188.7	1140.4	1082.0	1043.9	1003.3
-55°	1104.9	1117.6	1122.7	1127.7	1130.3	1130.3	1084.6	1033.8	977.9	939.8	909.3
-57.5°	993.1	1000.7	1005.8	1018.5	1028.7	1036.3	995.7	949.9	906.8	871.2	843.3
-60°	896.6	906.8	914.4	927.1	934.7	939.8	914.4	883.9	858.5	835.7	795.0
-62.5°	810.3	817.9	825.5	833.1	840.7	845.8	835.7	820.4	807.7	797.6	746.8
-65°	723.9	731.5	739.1	749.3	756.9	762.0	759.5	749.3	739.1	729.0	683.3
-67.5°	645.2	652.8	662.9	665.5	670.6	673.1	668.0	660.4	647.7	635.0	599.4
-70°	561.3	566.4	571.5	571.5	571.5	569.0	563.9	553.7	541.0	523.2	495.3
-72.5°	485.1	490.2	495.3	487.7	482.6	475.0	467.4	454.7	442.0	429.3	414.0
-75°	414.0	416.6	416.6	406.4	398.8	391.2	381.0	373.4	360.7	350.5	337.8
-77.5°	330.2	330.2	330.2	322.6	317.5	312.4	304.8	297.2	287.0	279.4	269.2
-80°	256.5	256.5	256.5	254.0	246.4	241.3	236.2	231.1	223.5	218.4	213.4
-82.5°	195.6	195.6	195.6	193.0	188.0	185.4	180.3	175.3	172.7	167.6	165.1
-85°	142.2	144.8	144.8	142.2	139.7	134.6	132.1	129.5	127.0	124.5	119.4
-87.5°	96.5	96.5	96.5	94.0	91.4	91.4	88.9	83.8	78.7	76.2	73.7
-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	7.6	7.6	7.6	10.2	10.2	10.2	10.2	10.2	10.2	10.2	7.6
82.5°	12.7	12.7	15.2	15.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8
80°	12.7	15.2	17.8	20.3	22.9	25.4	25.4	25.4	25.4	22.9	22.9
77.5°	15.2	15.2	17.8	20.3	22.9	25.4	27.9	30.5	27.9	27.9	27.9
75°	15.2	17.8	17.8	20.3	22.9	25.4	27.9	30.5	30.5	30.5	30.5
72.5°	12.7	15.2	17.8	20.3	20.3	22.9	25.4	25.4	27.9	27.9	30.5
70°	12.7	15.2	17.8	17.8	20.3	20.3	22.9	25.4	25.4	27.9	27.9
67.5°	15.2	17.8	17.8	20.3	22.9	22.9	22.9	25.4	25.4	27.9	27.9
65°	17.8	20.3	20.3	22.9	25.4	25.4	27.9	27.9	27.9	30.5	30.5
62.5°	30.5	30.5	30.5	27.9	30.5	30.5	30.5	33.0	33.0	30.5	33.0
60°	157.5	114.3	78.7	99.1	88.9	40.6	40.6	40.6	38.1	38.1	35.6
57.5°	370.8	345.4	297.2	251.5	226.1	200.7	124.5	50.8	50.8	45.7	40.6
55°	619.8	535.9	500.4	439.4	373.4	342.9	284.5	193.0	91.4	61.0	53.3
52.5°	960.1	881.4	789.9	665.5	576.6	505.5	457.2	363.2	243.8	129.5	81.3
50°	1285.2	1249.7	1193.8	1071.9	886.5	767.1	688.3	581.7	436.9	266.7	152.4
47.5°	2070.1	1772.9	1592.6	1498.6	1343.6	1117.6	965.2	845.8	670.6	449.6	269.2
45°	2606.0	2418.1	2131.0	1932.9	1704.3	1465.6	1267.4	1130.3	922.0	673.1	421.6
42.5°	3065.7	2903.2	2644.1	2354.6	2113.3	1800.8	1546.8	1366.5	1191.2	919.5	629.9
40°	3657.6	3464.5	3215.6	2933.7	2651.7	2253.0	1841.5	1623.0	1430.0	1188.7	850.9
37.5°	4632.9	4292.6	3886.2	3573.7	3205.4	2867.6	2303.8	1917.7	1689.1	1437.6	1110.0
35°	5806.4	5433.0	4754.8	4340.8	3848.1	3345.1	2837.1	2265.7	1940.5	1673.8	1348.7
32.5°	6898.6	6352.5	5483.8	4998.7	4671.0	3743.9	3218.1	2722.9	2199.6	1872.0	1485.9
30°	7200.8	6598.8	5976.6	5410.1	4851.3	4102.1	3479.8	3093.7	2524.7	1991.3	1615.4
27.5°	6896.0	6482.0	5999.4	5473.6	4869.1	4226.5	3639.8	3271.5	2763.5	2072.6	1717.0
25°	6586.1	6154.4	5816.5	5377.1	4818.3	4218.9	3644.9	3383.2	2948.9	2230.1	1772.9
22.5°	6258.5	5989.3	5709.9	5219.6	4691.3	4241.8	3810.0	3479.8	3045.4	2407.9	1795.8
20°	6276.3	6101.0	5793.7	5138.4	4668.5	4376.4	4008.1	3601.7	3149.6	2562.8	1813.5
17.5°	6560.7	6332.2	5946.1	5377.1	4874.2	4513.5	4173.2	3769.3	3256.2	2700.0	2029.4
15°	6911.3	6563.3	6159.4	5659.1	5090.1	4663.4	4300.2	3886.2	3378.2	2827.0	2222.5
12.5°	7165.3	6670.0	6291.5	5839.4	5323.8	4825.9	4384.0	3975.1	3492.5	2931.1	2367.3
10°	7251.6	6802.0	6355.0	5951.2	5443.2	4912.3	4447.5	4030.9	3591.5	3012.4	2473.9
7.5°	7297.3	6916.3	6398.2	6002.0	5514.3	4965.6	4498.3	4061.4	3670.3	3068.3	2542.5
5°	7292.3	6977.3	6431.2	6017.2	5552.4	4988.5	4533.9	4069.0	3726.1	3116.5	2583.2
2.5°	7269.4	7017.9	6484.5	6042.6	5628.6	5031.7	4602.4	4084.3	3746.5	3169.9	2611.1
0°	7353.2	7020.5	6540.4	6050.2	5679.4	5046.9	4632.9	4071.6	3718.5	3185.1	2608.6
-2.5°	7172.9	6870.6	6527.7	5984.2	5610.8	5011.4	4577.0	4030.9	3657.6	3167.3	2598.4
-5°	7142.4	6761.4	6421.0	5923.2	5496.5	4937.7	4472.9	3954.7	3561.0	3108.9	2557.8
-7.5°	7061.1	6657.3	6316.9	5875.0	5389.8	4861.5	4373.8	3876.0	3456.9	3017.5	2499.3
-10°	6883.3	6497.2	6205.2	5770.8	5260.3	4752.3	4254.5	3771.9	3335.0	2893.0	2407.9
-12.5°	6629.3	6243.3	5953.7	5549.8	5097.7	4605.0	4112.2	3637.2	3195.3	2760.9	2298.7
-15°	6342.3	5951.2	5661.6	5293.3	4856.4	4376.4	3931.9	3467.1	3035.3	2621.3	2169.1
-17.5°	6017.2	5646.4	5367.0	5008.8	4574.5	4117.3	3675.3	3253.7	2849.8	2476.5	2019.3
-20°	5641.3	5280.6	5024.1	4665.9	4267.2	3822.7	3393.4	2994.6	2631.4	2280.9	1854.2

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CATALOG NUMBER: IFLD-S-SA3C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5176.5	4859.0	4566.9	4246.8	3898.9	3492.5	3093.7	2740.6	2392.7	2049.8	1684.0
-25°	4701.5	4394.2	4109.7	3817.6	3484.8	3134.3	2794.0	2473.9	2133.6	1823.7	1518.9
-27.5°	4173.2	3898.9	3644.9	3375.6	3070.8	2768.6	2489.2	2176.8	1882.1	1618.0	1356.3
-30°	3609.3	3385.8	3164.8	2926.0	2679.7	2425.7	2176.8	1882.1	1651.0	1440.2	1219.2
-32.5°	3068.3	2867.6	2689.8	2512.0	2298.7	2090.4	1869.4	1651.0	1457.9	1272.5	1087.1
-35°	2593.3	2380.0	2280.9	2138.7	1968.5	1780.5	1600.2	1447.8	1292.8	1125.2	960.1
-37.5°	2181.8	2044.7	1927.8	1821.2	1686.5	1524.0	1394.4	1270.0	1140.4	988.0	845.8
-40°	1859.3	1760.2	1643.4	1564.6	1455.4	1338.6	1209.0	1104.9	995.7	871.2	754.4
-42.5°	1600.2	1518.9	1442.7	1358.9	1277.6	1178.5	1066.8	967.7	868.7	777.2	680.7
-45°	1386.8	1328.4	1267.4	1198.9	1127.7	1041.4	949.9	848.4	777.2	696.0	614.7
-47.5°	1211.6	1168.4	1117.6	1064.2	1003.3	927.1	843.3	769.6	696.0	627.4	548.6
-50°	1071.9	1031.2	990.6	944.9	891.5	825.5	762.0	693.4	624.8	558.8	485.1
-52.5°	955.0	919.5	886.5	848.4	797.6	741.7	683.3	622.3	558.8	492.8	434.3
-55°	873.8	833.1	800.1	762.0	716.3	662.9	609.6	553.7	492.8	442.0	393.7
-57.5°	807.7	762.0	723.9	683.3	637.5	591.8	543.6	492.8	447.0	398.8	353.1
-60°	751.8	698.5	655.3	614.7	571.5	528.3	487.7	444.5	401.3	358.1	312.4
-62.5°	693.4	637.5	584.2	546.1	513.1	475.0	439.4	398.8	360.7	317.5	284.5
-65°	627.4	574.0	523.2	490.2	459.7	426.7	393.7	358.1	325.1	292.1	261.6
-67.5°	553.7	508.0	472.4	442.0	411.5	383.5	353.1	322.6	294.6	261.6	231.1
-70°	464.8	439.4	419.1	396.2	368.3	342.9	315.0	287.0	256.5	228.6	200.7
-72.5°	396.2	381.0	365.8	342.9	317.5	294.6	271.8	246.4	221.0	195.6	172.7
-75°	325.1	312.4	299.7	284.5	264.2	246.4	226.1	203.2	182.9	165.1	147.3
-77.5°	261.6	251.5	243.8	231.1	215.9	200.7	188.0	172.7	157.5	139.7	121.9
-80°	208.3	203.2	200.7	195.6	182.9	170.2	160.0	147.3	132.1	119.4	106.7
-82.5°	162.6	162.6	160.0	157.5	147.3	137.2	129.5	119.4	109.2	99.1	86.4
-85°	119.4	116.8	116.8	114.3	106.7	101.6	94.0	88.9	81.3	71.1	66.0
-87.5°	71.1	68.6	66.0	63.5	58.4	55.9	50.8	48.3	43.2	38.1	35.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722372

CATALOG NUMBER: IFLD-S-SA3C-722-U-76-VI

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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.6	5.1	5.1	5.1	5.1	5.1	2.5	2.5	2.5	2.5	2.5
82.5°	15.2	15.2	12.7	12.7	10.2	7.6	5.1	5.1	5.1	2.5	2.5
80°	22.9	22.9	22.9	20.3	17.8	12.7	10.2	7.6	5.1	2.5	2.5
77.5°	27.9	25.4	25.4	22.9	22.9	20.3	15.2	12.7	7.6	5.1	2.5
75°	27.9	27.9	27.9	25.4	25.4	22.9	20.3	15.2	12.7	7.6	5.1
72.5°	30.5	27.9	27.9	27.9	25.4	22.9	20.3	17.8	15.2	10.2	5.1
70°	27.9	27.9	27.9	27.9	25.4	25.4	20.3	17.8	17.8	10.2	7.6
67.5°	27.9	27.9	27.9	25.4	25.4	22.9	20.3	17.8	17.8	12.7	7.6
65°	30.5	27.9	27.9	27.9	25.4	22.9	20.3	17.8	17.8	15.2	10.2
62.5°	33.0	30.5	30.5	27.9	25.4	22.9	20.3	17.8	17.8	15.2	10.2
60°	35.6	33.0	30.5	30.5	27.9	25.4	20.3	20.3	17.8	15.2	10.2
57.5°	38.1	35.6	35.6	33.0	30.5	27.9	22.9	20.3	17.8	15.2	12.7
55°	45.7	40.6	38.1	38.1	35.6	30.5	25.4	20.3	17.8	15.2	12.7
52.5°	61.0	48.3	43.2	43.2	40.6	35.6	27.9	22.9	17.8	15.2	12.7
50°	96.5	61.0	50.8	45.7	45.7	40.6	33.0	25.4	17.8	15.2	12.7
47.5°	152.4	101.6	61.0	53.3	50.8	48.3	38.1	25.4	20.3	15.2	12.7
45°	251.5	149.9	99.1	63.5	53.3	50.8	43.2	27.9	20.3	17.8	12.7
42.5°	345.4	233.7	152.4	76.2	63.5	55.9	45.7	30.5	22.9	17.8	12.7
40°	543.6	320.0	213.4	124.5	73.7	58.4	50.8	35.6	22.9	17.8	12.7
37.5°	736.6	424.2	287.0	182.9	83.8	66.0	53.3	38.1	25.4	17.8	15.2
35°	929.6	594.4	355.6	243.8	111.8	78.7	55.9	40.6	25.4	17.8	15.2
32.5°	1102.3	754.4	426.7	304.8	167.6	94.0	61.0	43.2	27.9	20.3	15.2
30°	1244.6	901.7	553.7	358.1	218.4	114.3	66.0	43.2	30.5	20.3	15.2
27.5°	1351.3	1016.0	683.3	414.0	261.6	134.6	76.2	48.3	30.5	20.3	15.2
25°	1437.6	1104.9	797.6	472.4	299.7	167.6	91.4	50.8	33.0	22.9	15.2
22.5°	1506.2	1178.5	891.5	551.2	345.4	200.7	111.8	55.9	33.0	22.9	15.2
20°	1600.2	1252.2	955.0	635.0	393.7	231.1	129.5	61.0	33.0	22.9	17.8
17.5°	1681.5	1325.9	1005.8	706.1	442.0	254.0	149.9	66.0	35.6	22.9	17.8
15°	1775.4	1397.0	1051.5	762.0	487.7	274.3	167.6	71.1	35.6	25.4	17.8
12.5°	1877.0	1463.0	1084.6	807.7	535.9	292.1	182.9	81.3	38.1	25.4	17.8
10°	1981.2	1518.9	1112.5	840.7	571.5	309.9	193.0	91.4	40.6	25.4	17.8
7.5°	2085.3	1569.7	1148.1	856.0	586.7	330.2	198.1	101.6	40.6	27.9	17.8
5°	2156.4	1602.7	1198.9	866.1	594.4	353.1	205.7	114.3	43.2	27.9	17.8
2.5°	2217.4	1623.0	1252.2	873.8	596.9	365.8	203.2	121.9	45.7	27.9	17.8
0°	2245.3	1623.0	1287.8	868.7	589.3	378.5	203.2	129.5	45.7	27.9	17.8
-2.5°	2202.2	1668.8	1277.6	871.2	591.8	378.5	213.4	132.1	50.8	30.5	17.8
-5°	2133.6	1686.5	1247.1	858.5	586.7	378.5	226.1	134.6	53.3	30.5	20.3
-7.5°	2067.5	1694.2	1211.6	845.8	579.1	368.3	228.6	132.1	58.4	33.0	20.3
-10°	1981.2	1610.3	1165.8	823.0	563.9	360.7	233.7	132.1	61.0	33.0	20.3
-12.5°	1882.1	1508.7	1110.0	789.9	546.1	353.1	236.2	132.1	63.5	35.6	20.3
-15°	1767.8	1404.6	1046.5	754.4	520.7	342.9	231.1	129.5	66.0	35.6	22.9
-17.5°	1638.3	1303.0	980.4	711.2	492.8	330.2	221.0	127.0	66.0	35.6	22.9
-20°	1491.0	1201.4	906.8	668.0	459.7	315.0	210.8	121.9	66.0	35.6	22.9

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CATALOG NUMBER: IFLD-S-SA3C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1358.9	1107.4	830.6	619.8	424.2	297.2	198.1	116.8	66.0	38.1	22.9
-25°	1249.7	1016.0	772.2	571.5	386.1	276.9	185.4	111.8	66.0	38.1	22.9
-27.5°	1135.4	916.9	711.2	525.8	360.7	259.1	172.7	106.7	63.5	38.1	22.9
-30°	1018.5	820.4	647.7	475.0	335.3	241.3	162.6	99.1	63.5	38.1	22.9
-32.5°	911.9	741.7	589.3	424.2	307.3	223.5	152.4	96.5	61.0	38.1	22.9
-35°	807.7	670.6	528.3	383.5	276.9	205.7	142.2	94.0	61.0	38.1	22.9
-37.5°	721.4	604.5	472.4	355.6	259.1	190.5	132.1	88.9	58.4	38.1	22.9
-40°	650.2	543.6	419.1	325.1	243.8	175.3	121.9	86.4	58.4	38.1	22.9
-42.5°	584.2	485.1	386.1	299.7	228.6	165.1	114.3	83.8	55.9	38.1	22.9
-45°	525.8	434.3	353.1	276.9	210.8	152.4	109.2	78.7	53.3	38.1	25.4
-47.5°	467.4	398.8	322.6	256.5	193.0	137.2	104.1	76.2	50.8	35.6	25.4
-50°	421.6	360.7	297.2	233.7	175.3	132.1	99.1	71.1	50.8	35.6	25.4
-52.5°	381.0	325.1	269.2	210.8	160.0	124.5	94.0	66.0	48.3	35.6	25.4
-55°	342.9	292.1	241.3	188.0	149.9	116.8	86.4	61.0	48.3	35.6	25.4
-57.5°	304.8	261.6	213.4	170.2	137.2	109.2	81.3	61.0	48.3	35.6	25.4
-60°	274.3	233.7	193.0	157.5	127.0	99.1	73.7	58.4	45.7	35.6	25.4
-62.5°	248.9	210.8	175.3	142.2	116.8	88.9	71.1	58.4	45.7	35.6	22.9
-65°	223.5	190.5	157.5	129.5	104.1	83.8	68.6	55.9	45.7	35.6	22.9
-67.5°	198.1	167.6	142.2	114.3	96.5	81.3	66.0	55.9	43.2	33.0	22.9
-70°	172.7	147.3	124.5	106.7	91.4	76.2	63.5	53.3	43.2	30.5	20.3
-72.5°	152.4	129.5	111.8	99.1	86.4	73.7	61.0	50.8	40.6	27.9	17.8
-75°	129.5	114.3	101.6	88.9	78.7	68.6	58.4	45.7	35.6	25.4	17.8
-77.5°	109.2	99.1	88.9	81.3	71.1	61.0	50.8	40.6	33.0	22.9	15.2
-80°	94.0	86.4	78.7	71.1	63.5	53.3	45.7	35.6	27.9	20.3	12.7
-82.5°	76.2	71.1	63.5	58.4	53.3	45.7	38.1	30.5	20.3	15.2	10.2
-85°	58.4	53.3	50.8	45.7	40.6	33.0	25.4	20.3	15.2	10.2	5.1
-87.5°	30.5	27.9	25.4	22.9	20.3	15.2	12.7	10.2	7.6	5.1	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722372

CATALOG NUMBER: IFLD-S-SA3C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	5.1	2.5	0.0	0.0
65°	5.1	2.5	0.0	0.0
62.5°	5.1	2.5	0.0	0.0
60°	5.1	2.5	0.0	0.0
57.5°	7.6	2.5	2.5	0.0
55°	7.6	2.5	2.5	0.0
52.5°	7.6	2.5	2.5	0.0
50°	7.6	5.1	2.5	0.0
47.5°	7.6	5.1	2.5	0.0
45°	7.6	5.1	2.5	0.0
42.5°	7.6	5.1	2.5	0.0
40°	10.2	5.1	2.5	0.0
37.5°	10.2	5.1	2.5	0.0
35°	10.2	5.1	2.5	0.0
32.5°	10.2	5.1	2.5	0.0
30°	10.2	5.1	2.5	0.0
27.5°	10.2	7.6	2.5	0.0
25°	10.2	7.6	2.5	0.0
22.5°	12.7	7.6	2.5	0.0
20°	12.7	7.6	2.5	0.0
17.5°	12.7	7.6	2.5	0.0
15°	12.7	7.6	2.5	0.0
12.5°	12.7	7.6	2.5	0.0
10°	12.7	7.6	2.5	0.0
7.5°	12.7	7.6	2.5	0.0
5°	12.7	7.6	2.5	0.0
2.5°	12.7	7.6	2.5	0.0
0°	12.7	7.6	2.5	0.0
-2.5°	12.7	7.6	2.5	0.0
-5°	12.7	7.6	2.5	0.0
-7.5°	12.7	7.6	2.5	0.0
-10°	12.7	7.6	2.5	0.0
-12.5°	15.2	7.6	2.5	0.0
-15°	15.2	7.6	2.5	0.0
-17.5°	15.2	7.6	2.5	0.0
-20°	15.2	7.6	2.5	0.0

REPORT NUMBER: P722372

CATALOG NUMBER: IFLD-S-SA3C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.2	7.6	2.5	0.0
-25°	15.2	7.6	2.5	0.0
-27.5°	15.2	7.6	2.5	0.0
-30°	15.2	7.6	2.5	0.0
-32.5°	15.2	7.6	2.5	0.0
-35°	15.2	7.6	2.5	0.0
-37.5°	15.2	7.6	2.5	0.0
-40°	15.2	7.6	2.5	0.0
-42.5°	12.7	7.6	2.5	0.0
-45°	15.2	7.6	2.5	0.0
-47.5°	15.2	7.6	2.5	0.0
-50°	15.2	7.6	2.5	0.0
-52.5°	15.2	7.6	2.5	0.0
-55°	15.2	7.6	2.5	0.0
-57.5°	15.2	7.6	2.5	0.0
-60°	15.2	7.6	2.5	0.0
-62.5°	12.7	7.6	2.5	0.0
-65°	12.7	5.1	2.5	0.0
-67.5°	12.7	5.1	2.5	0.0
-70°	12.7	5.1	2.5	0.0
-72.5°	10.2	5.1	2.5	0.0
-75°	10.2	5.1	2.5	0.0
-77.5°	7.6	2.5	0.0	0.0
-80°	7.6	2.5	0.0	0.0
-82.5°	5.1	2.5	0.0	0.0
-85°	2.5	2.5	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)