

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: P722411

Luminaire Tested: **IFLD-M-SA4C-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722411
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	24313.1 lumens	Max Intensity:	16973.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	111.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	15510.7 lumens	Field Lumens:	22921.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

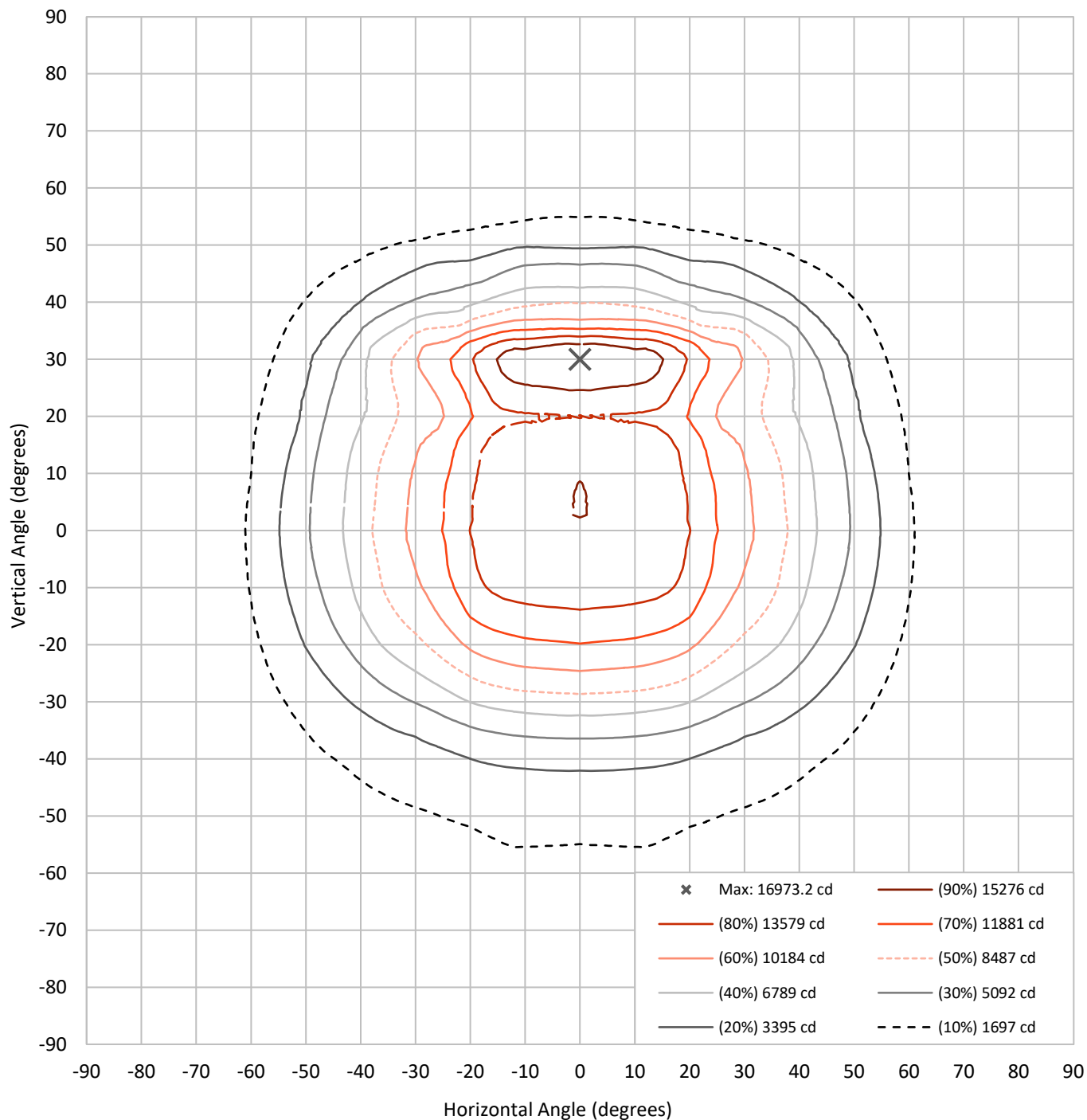
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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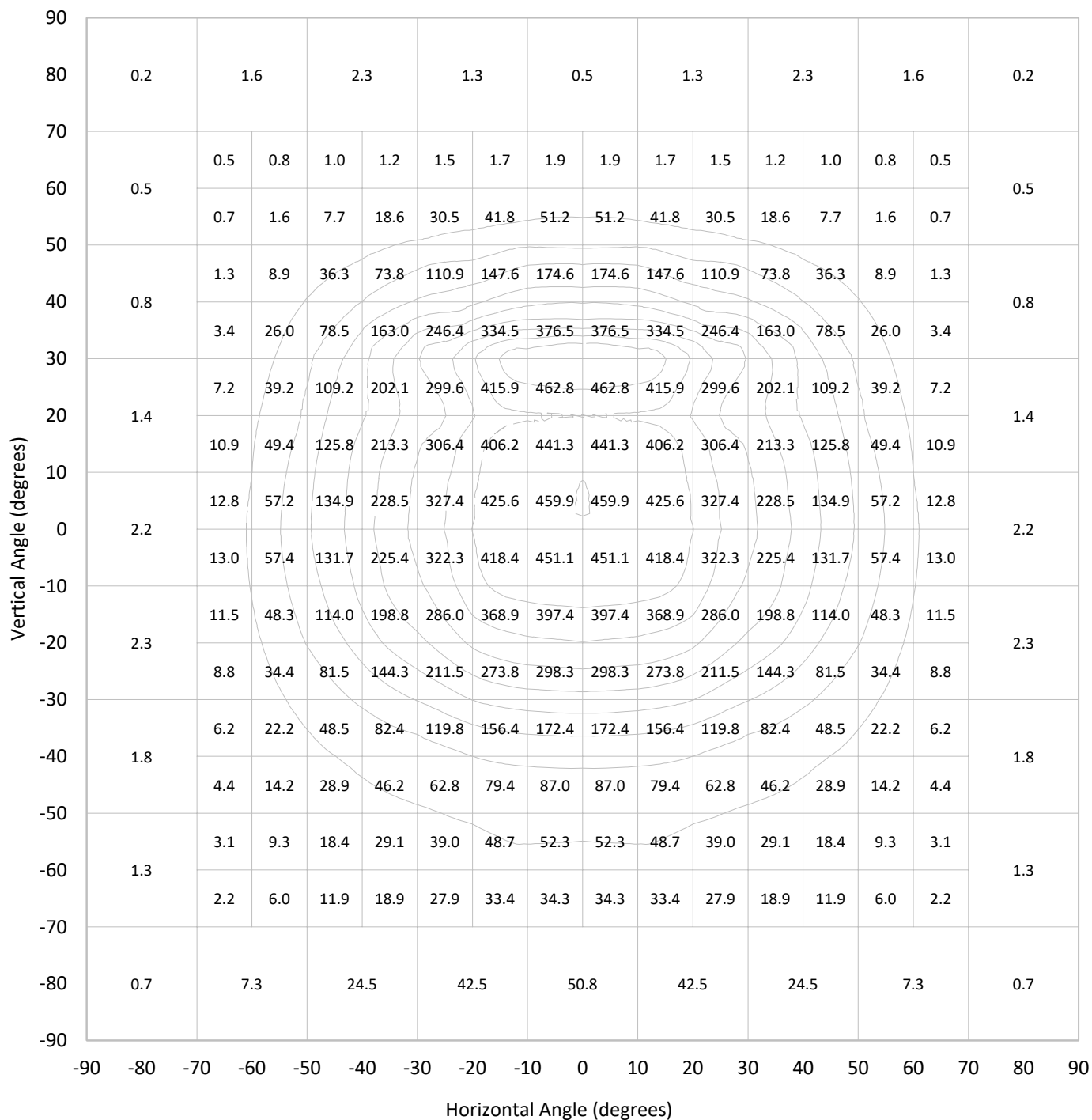
Iso-Candela Plot



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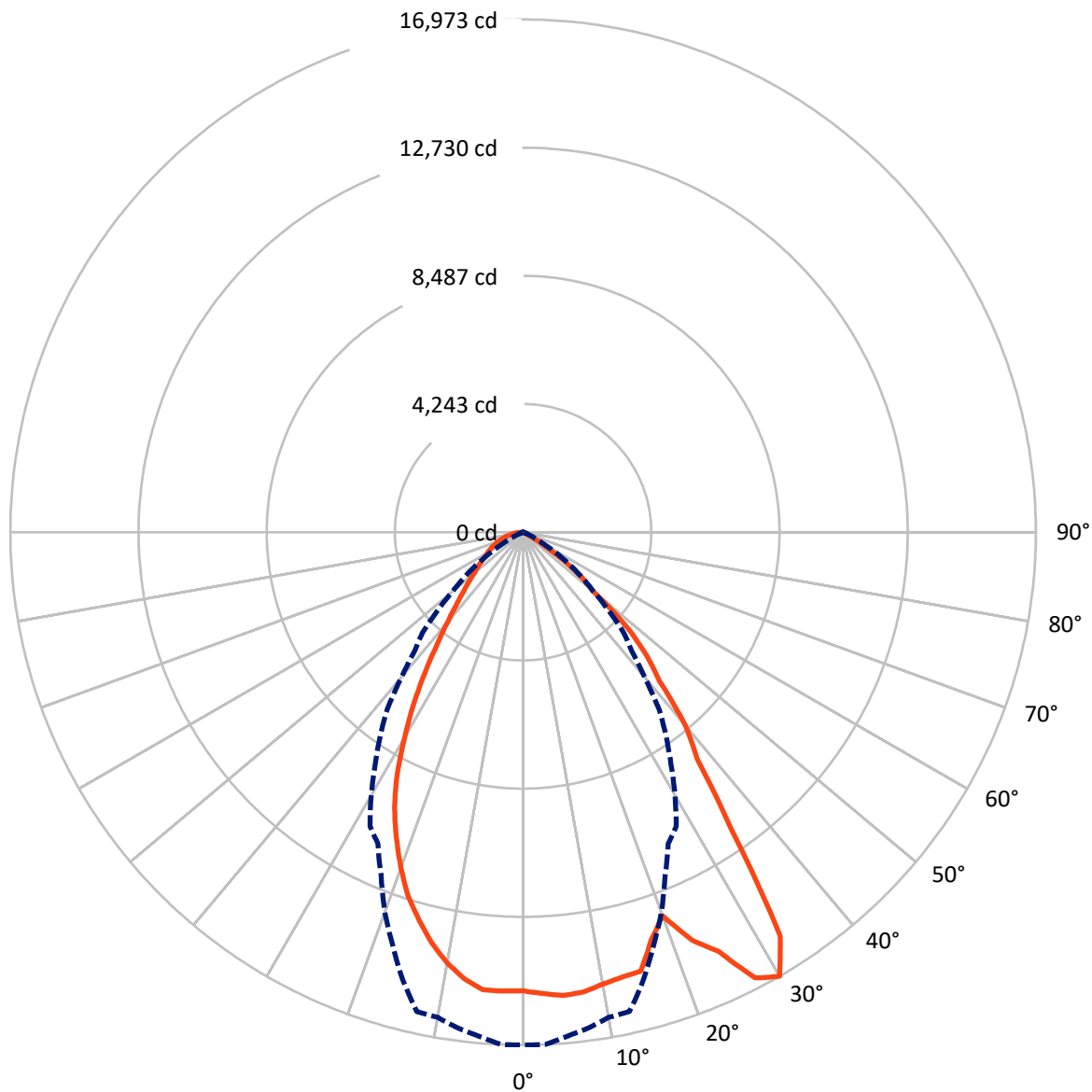
Lumen Table



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Luminous Intensity Polar Plot



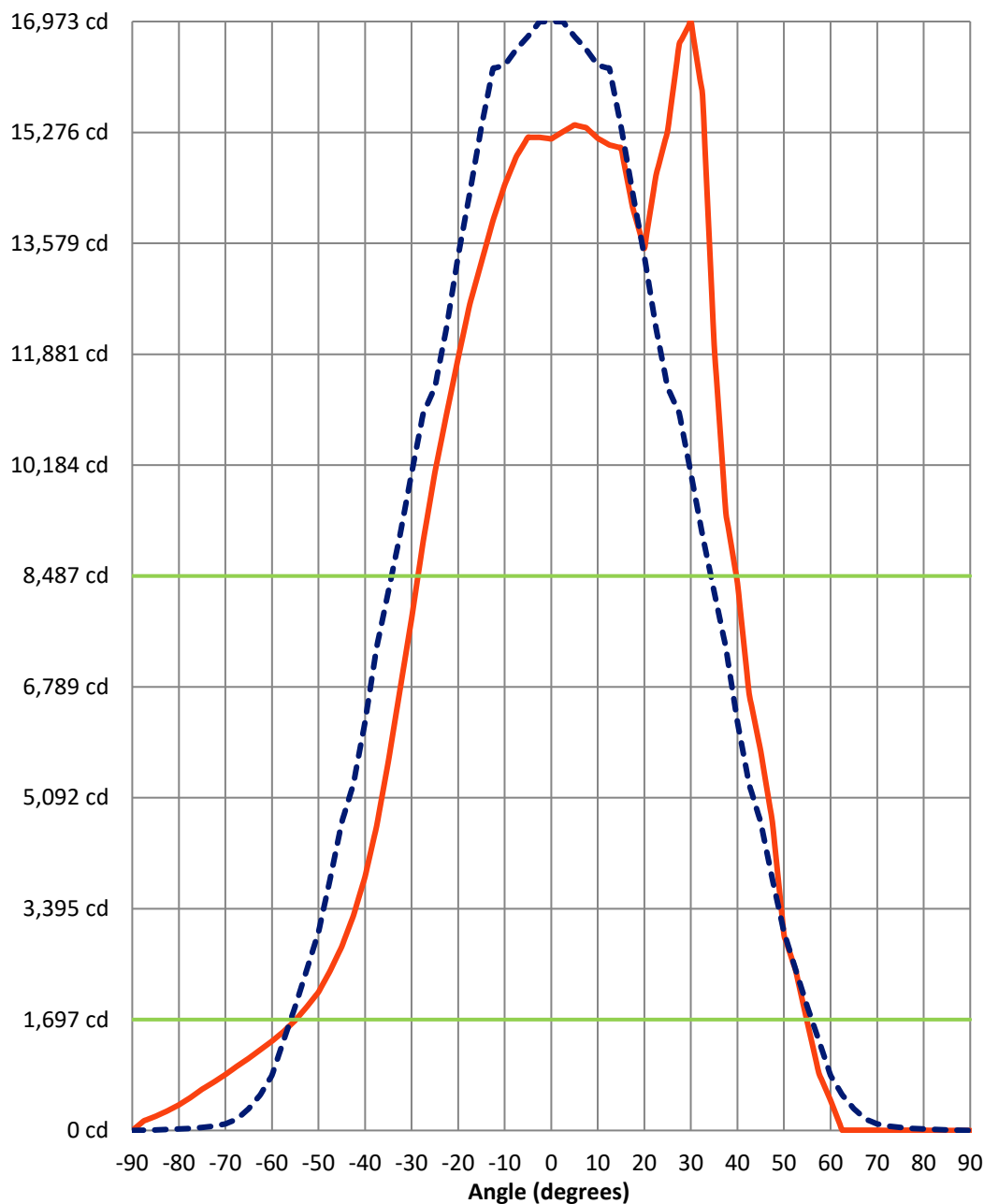
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15510.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22921.8

Efficiency: 94.3%

Spill:

Lumens: 1391.3

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	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	0.0	3.9	3.9	3.9	7.7	7.7	7.7	7.7	7.7	7.7	11.6
82.5°	0.0	3.9	3.9	3.9	7.7	7.7	7.7	7.7	11.6	11.6	15.5
80°	3.9	3.9	3.9	3.9	7.7	7.7	7.7	11.6	11.6	15.5	15.5
77.5°	3.9	3.9	3.9	7.7	7.7	7.7	11.6	11.6	15.5	15.5	19.4
75°	3.9	3.9	3.9	7.7	7.7	11.6	11.6	11.6	15.5	15.5	19.4
72.5°	0.0	3.9	3.9	7.7	7.7	11.6	11.6	11.6	15.5	15.5	15.5
70°	3.9	3.9	3.9	7.7	7.7	11.6	11.6	11.6	15.5	15.5	15.5
67.5°	3.9	3.9	3.9	7.7	7.7	11.6	11.6	15.5	15.5	15.5	19.4
65°	3.9	3.9	3.9	7.7	11.6	11.6	15.5	19.4	19.4	23.2	27.1
62.5°	3.9	7.7	7.7	11.6	15.5	19.4	42.6	65.8	65.8	46.4	38.7
60°	460.6	499.3	495.5	449.0	390.9	329.0	317.4	305.8	282.6	247.7	259.3
57.5°	874.8	921.2	940.6	929.0	898.0	843.8	812.9	778.0	731.6	677.4	615.4
55°	1656.7	1676.0	1633.5	1552.2	1463.1	1374.1	1343.2	1296.7	1227.0	1157.4	1064.5
52.5°	2450.2	2516.0	2496.6	2415.3	2295.4	2136.7	1962.5	1827.0	1745.7	1668.3	1575.4
50°	2992.1	3019.2	3073.4	3170.1	3205.0	3096.6	2814.0	2450.2	2190.8	2322.5	2221.8
47.5°	4722.3	4857.8	4830.7	4761.0	4644.9	4350.7	3955.9	3630.8	3359.8	3270.8	3286.3
45°	5802.3	5856.4	5837.1	5806.1	5751.9	5477.1	5039.7	4540.4	4288.8	4188.2	4083.6
42.5°	6688.7	6746.7	6758.3	6762.2	6704.1	6452.5	6057.7	5558.4	5306.8	5016.5	4788.1
40°	8380.2	8465.3	8368.6	8240.8	8047.3	7760.9	7373.8	6913.2	6468.0	6111.9	5841.0
37.5°	9460.1	9564.6	9603.3	9595.6	9553.0	9429.2	8953.0	8515.7	7834.4	7037.0	7180.2
35°	12022.6	12130.9	12100.0	11983.8	11921.9	11790.3	11325.8	10807.1	9951.7	9084.7	8852.4
32.5°	15843.0	16079.1	15637.8	15154.0	14855.9	14960.5	14488.2	13218.6	12823.8	11260.0	10536.2
30°	16973.2	16969.4	16744.9	16547.5	16303.6	16253.3	15363.0	14348.9	13381.2	12285.8	11372.3
27.5°	16628.8	16559.1	16369.4	16226.2	15997.8	15877.8	15006.9	14201.8	13083.1	12103.8	11221.3
25°	15301.1	15355.3	15161.7	15134.6	15045.6	14813.4	14379.8	13474.1	12475.4	11391.6	10756.8
22.5°	14616.0	14596.6	14364.4	14228.9	14337.3	14089.5	13915.4	13001.9	11960.6	11047.1	10284.6
20°	13501.2	13505.1	13447.0	13435.4	13369.6	13257.3	13118.0	12471.6	11736.1	10954.2	10036.9
17.5°	14124.4	14283.1	14352.7	13776.0	13938.6	13810.8	13663.8	12761.9	12208.4	11515.5	10319.4
15°	15037.9	14979.8	14910.1	14879.2	14790.1	14670.2	14403.1	13683.1	12730.9	12014.8	11082.0
12.5°	15084.3	14972.1	14945.0	14941.1	14848.2	14681.8	14422.4	13826.3	12982.5	12111.6	11352.9
10°	15185.0	15068.8	15053.4	15072.7	14929.5	14825.0	14565.6	14012.1	13059.9	12278.0	11561.9
7.5°	15347.5	15154.0	15243.0	15185.0	15119.2	14952.7	14674.0	14132.1	13342.5	12498.7	11747.7
5°	15390.1	15177.2	15274.0	15219.8	15123.0	14960.5	14658.5	14209.5	13516.7	12587.7	11821.3
2.5°	15285.6	15223.7	15181.1	15080.5	15037.9	14859.8	14573.4	14093.4	13435.4	12549.0	11805.8
0°	15177.2	15231.4	15134.6	15034.0	15014.6	14871.4	14627.6	14194.0	13625.0	12657.4	11937.4
-2.5°	15200.4	15157.9	15092.1	14987.6	14886.9	14681.8	14461.1	14054.7	13443.1	12421.2	11751.6
-5°	15200.4	15003.0	15010.8	15014.6	14914.0	14701.1	14434.0	14089.5	13334.7	12417.4	11697.4
-7.5°	14906.3	14736.0	14708.9	14685.6	14658.5	14461.1	14252.1	13822.5	13152.8	12316.7	11546.5
-10°	14472.7	14306.3	14321.8	14286.9	14201.8	14070.2	13911.5	13524.4	12974.8	11999.3	11240.7
-12.5°	13930.8	13857.3	13814.7	13756.7	13671.5	13555.4	13392.8	13029.0	12440.6	11608.4	10888.4
-15°	13288.3	13234.1	13195.4	13160.6	13036.7	12916.7	12703.8	12367.1	11999.3	11105.2	10369.7
-17.5°	12645.7	12510.3	12456.1	12409.6	12328.3	12134.8	11941.3	11689.7	11174.9	10466.5	9835.6
-20°	11821.3	11740.0	11674.2	11612.3	11496.1	11345.2	11186.5	10896.2	10451.0	9878.2	9224.0

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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°	10958.1	10911.7	10857.5	10780.0	10702.6	10559.4	10338.8	10060.1	9711.7	9092.4	8480.8
-25°	10067.8	9978.8	9913.0	9839.5	9777.5	9645.9	9433.0	9165.9	8728.5	8194.4	7683.4
-27.5°	9018.9	8933.7	8898.9	8813.7	8759.5	8639.5	8426.6	8178.9	7784.1	7335.1	6816.4
-30°	7834.4	7849.9	7811.2	7729.9	7664.1	7509.3	7346.7	7137.7	6828.0	6398.4	5933.9
-32.5°	6739.0	6758.3	6711.9	6626.7	6541.6	6429.3	6278.4	6088.7	5856.4	5446.1	5043.6
-35°	5643.6	5635.8	5597.1	5546.8	5488.7	5395.8	5225.5	5082.3	4815.2	4528.8	4250.1
-37.5°	4660.4	4679.7	4668.1	4641.0	4575.2	4497.8	4358.5	4226.9	4029.5	3777.9	3561.1
-40°	3882.4	3905.6	3890.1	3863.0	3804.9	3758.5	3665.6	3549.5	3390.8	3174.0	2992.1
-42.5°	3286.3	3301.8	3282.4	3259.2	3208.9	3174.0	3100.5	3003.7	2872.1	2705.7	2543.1
-45°	2814.0	2817.9	2798.6	2783.1	2744.4	2701.8	2639.9	2562.4	2457.9	2341.8	2210.2
-47.5°	2442.4	2438.6	2419.2	2403.7	2372.8	2334.1	2283.7	2214.1	2132.8	2043.8	1939.2
-50°	2117.3	2136.7	2128.9	2113.4	2090.2	2063.1	2012.8	1939.2	1858.0	1792.2	1718.6
-52.5°	1892.8	1896.7	1892.8	1892.8	1888.9	1869.6	1811.5	1738.0	1648.9	1590.9	1528.9
-55°	1683.8	1703.1	1710.9	1718.6	1722.5	1722.5	1652.8	1575.4	1490.2	1432.2	1385.7
-57.5°	1513.5	1525.1	1532.8	1552.2	1567.7	1579.3	1517.3	1447.7	1381.9	1327.7	1285.1
-60°	1366.4	1381.9	1393.5	1412.8	1424.4	1432.2	1393.5	1347.0	1308.3	1273.5	1211.5
-62.5°	1234.8	1246.4	1258.0	1269.6	1281.2	1289.0	1273.5	1250.3	1230.9	1215.4	1138.0
-65°	1103.2	1114.8	1126.4	1141.9	1153.5	1161.2	1157.4	1141.9	1126.4	1110.9	1041.2
-67.5°	983.2	994.8	1010.3	1014.1	1021.9	1025.7	1018.0	1006.4	987.0	967.7	913.5
-70°	855.4	863.2	870.9	870.9	870.9	867.0	859.3	843.8	824.5	797.4	754.8
-72.5°	739.3	747.1	754.8	743.2	735.4	723.8	712.2	692.9	673.5	654.2	630.9
-75°	630.9	634.8	634.8	619.3	607.7	596.1	580.6	569.0	549.6	534.2	514.8
-77.5°	503.2	503.2	503.2	491.6	483.8	476.1	464.5	452.9	437.4	425.8	410.3
-80°	390.9	390.9	390.9	387.1	375.5	367.7	360.0	352.2	340.6	332.9	325.1
-82.5°	298.0	298.0	298.0	294.2	286.4	282.6	274.8	267.1	263.2	255.5	251.6
-85°	216.8	220.6	220.6	216.8	212.9	205.1	201.3	197.4	193.5	189.7	181.9
-87.5°	147.1	147.1	147.1	143.2	139.3	139.3	135.5	127.7	120.0	116.1	112.3
-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
85°	11.6	11.6	11.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	11.6
82.5°	19.4	19.4	23.2	23.2	27.1	27.1	27.1	27.1	27.1	27.1	27.1
80°	19.4	23.2	27.1	31.0	34.8	38.7	38.7	38.7	38.7	34.8	34.8
77.5°	23.2	23.2	27.1	31.0	34.8	38.7	42.6	46.4	42.6	42.6	42.6
75°	23.2	27.1	27.1	31.0	34.8	38.7	42.6	46.4	46.4	46.4	46.4
72.5°	19.4	23.2	27.1	31.0	31.0	34.8	38.7	38.7	42.6	42.6	46.4
70°	19.4	23.2	27.1	27.1	31.0	31.0	34.8	38.7	38.7	42.6	42.6
67.5°	23.2	27.1	27.1	31.0	34.8	34.8	34.8	38.7	38.7	42.6	42.6
65°	27.1	31.0	31.0	34.8	38.7	38.7	42.6	42.6	42.6	46.4	46.4
62.5°	46.4	46.4	46.4	42.6	46.4	46.4	46.4	50.3	50.3	46.4	50.3
60°	240.0	174.2	120.0	151.0	135.5	61.9	61.9	61.9	58.1	58.1	54.2
57.5°	565.1	526.4	452.9	383.2	344.5	305.8	189.7	77.4	77.4	69.7	61.9
55°	944.5	816.7	762.5	669.6	569.0	522.6	433.5	294.2	139.3	92.9	81.3
52.5°	1463.1	1343.2	1203.8	1014.1	878.7	770.3	696.7	553.5	371.6	197.4	123.9
50°	1958.6	1904.4	1819.3	1633.5	1350.9	1169.0	1049.0	886.4	665.8	406.4	232.2
47.5°	3154.7	2701.8	2427.0	2283.7	2047.6	1703.1	1470.9	1289.0	1021.9	685.1	410.3
45°	3971.4	3685.0	3247.6	2945.6	2597.3	2233.4	1931.5	1722.5	1405.1	1025.7	642.5
42.5°	4672.0	4424.3	4029.5	3588.2	3220.5	2744.4	2357.3	2082.5	1815.4	1401.2	959.9
40°	5573.9	5279.7	4900.4	4470.7	4041.1	3433.4	2806.3	2473.4	2179.2	1811.5	1296.7
37.5°	7060.3	6541.6	5922.3	5446.1	4884.9	4370.1	3510.8	2922.4	2574.1	2190.8	1691.5
35°	8848.5	8279.5	7246.0	6615.1	5864.2	5097.8	4323.6	3452.7	2957.3	2550.8	2055.4
32.5°	10513.0	9680.8	8357.0	7617.6	7118.3	5705.5	4904.2	4149.4	3352.1	2852.7	2264.4
30°	10973.6	10056.2	9107.9	8244.7	7393.1	6251.3	5302.9	4714.6	3847.5	3034.7	2461.8
27.5°	10509.1	9878.2	9142.7	8341.5	7420.2	6440.9	5546.8	4985.5	4211.4	3158.5	2616.6
25°	10036.9	9378.8	8864.0	8194.4	7342.8	6429.3	5554.5	5155.8	4493.9	3398.5	2701.8
22.5°	9537.5	9127.2	8701.5	7954.4	7149.3	6464.2	5806.1	5302.9	4641.0	3669.5	2736.6
20°	9564.6	9297.5	8829.2	7830.5	7114.4	6669.3	6108.0	5488.7	4799.7	3905.6	2763.7
17.5°	9998.2	9649.8	9061.4	8194.4	7428.0	6878.3	6359.6	5744.2	4962.3	4114.6	3092.7
15°	10532.3	10002.0	9386.6	8624.0	7757.0	7106.7	6553.2	5922.3	5148.1	4308.1	3386.9
12.5°	10919.4	10164.6	9587.9	8898.9	8113.1	7354.4	6680.9	6057.7	5322.3	4466.8	3607.5
10°	11051.0	10365.9	9684.6	9069.2	8295.0	7486.0	6777.7	6142.9	5473.2	4590.7	3770.1
7.5°	11120.7	10540.1	9750.4	9146.6	8403.4	7567.3	6855.1	6189.3	5593.2	4675.9	3874.6
5°	11112.9	10633.0	9800.7	9169.8	8461.5	7602.2	6909.3	6200.9	5678.4	4749.4	3936.6
2.5°	11078.1	10694.9	9882.0	9208.5	8577.6	7668.0	7013.8	6224.2	5709.4	4830.7	3979.1
0°	11205.8	10698.8	9967.2	9220.1	8655.0	7691.2	7060.3	6204.8	5666.8	4853.9	3975.3
-2.5°	10931.0	10470.4	9947.8	9119.5	8550.5	7637.0	6975.1	6142.9	5573.9	4826.8	3959.8
-5°	10884.6	10303.9	9785.3	9026.6	8376.3	7524.7	6816.4	6026.8	5426.8	4737.8	3897.8
-7.5°	10760.7	10145.2	9626.6	8953.0	8213.7	7408.6	6665.4	5906.8	5268.1	4598.5	3808.8
-10°	10489.7	9901.4	9456.2	8794.3	8016.3	7242.2	6483.5	5748.1	5082.3	4408.8	3669.5
-12.5°	10102.7	9514.3	9073.0	8457.6	7768.6	7017.7	6266.7	5542.9	4869.4	4207.5	3503.0
-15°	9665.3	9069.2	8627.9	8066.6	7400.9	6669.3	5991.9	5283.6	4625.5	3994.6	3305.6
-17.5°	9169.8	8604.7	8178.9	7633.1	6971.2	6274.5	5601.0	4958.4	4343.0	3774.0	3077.2
-20°	8596.9	8047.3	7656.3	7110.6	6502.9	5825.5	5171.3	4563.6	4010.1	3475.9	2825.6

REPORT NUMBER: P722411

CATALOG NUMBER: IFLD-M-SA4C-727-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°	7888.6	7404.7	6959.6	6471.9	5941.6	5322.3	4714.6	4176.5	3646.2	3123.7	2566.3
-25°	7164.8	6696.4	6262.9	5817.7	5310.7	4776.5	4257.8	3770.1	3251.4	2779.2	2314.7
-27.5°	6359.6	5941.6	5554.5	5144.2	4679.7	4219.1	3793.3	3317.2	2868.2	2465.7	2067.0
-30°	5500.3	5159.7	4823.0	4459.1	4083.6	3696.6	3317.2	2868.2	2516.0	2194.7	1858.0
-32.5°	4675.9	4370.1	4099.1	3828.2	3503.0	3185.6	2848.9	2516.0	2221.8	1939.2	1656.7
-35°	3952.0	3626.9	3475.9	3259.2	2999.8	2713.4	2438.6	2206.3	1970.2	1714.7	1463.1
-37.5°	3325.0	3116.0	2937.9	2775.3	2570.2	2322.5	2125.0	1935.4	1738.0	1505.7	1289.0
-40°	2833.4	2682.4	2504.4	2384.4	2217.9	2039.9	1842.5	1683.8	1517.3	1327.7	1149.6
-42.5°	2438.6	2314.7	2198.6	2070.9	1947.0	1796.0	1625.7	1474.8	1323.8	1184.5	1037.4
-45°	2113.4	2024.4	1931.5	1827.0	1718.6	1587.0	1447.7	1292.8	1184.5	1060.6	936.7
-47.5°	1846.3	1780.5	1703.1	1621.8	1528.9	1412.8	1285.1	1172.8	1060.6	956.1	836.1
-50°	1633.5	1571.5	1509.6	1439.9	1358.6	1258.0	1161.2	1056.7	952.2	851.6	739.3
-52.5°	1455.4	1401.2	1350.9	1292.8	1215.4	1130.3	1041.2	948.3	851.6	750.9	661.9
-55°	1331.5	1269.6	1219.3	1161.2	1091.6	1010.3	929.0	843.8	750.9	673.5	600.0
-57.5°	1230.9	1161.2	1103.2	1041.2	971.6	901.9	828.3	750.9	681.3	607.7	538.0
-60°	1145.7	1064.5	998.7	936.7	870.9	805.1	743.2	677.4	611.6	545.8	476.1
-62.5°	1056.7	971.6	890.3	832.2	781.9	723.8	669.6	607.7	549.6	483.8	433.5
-65°	956.1	874.8	797.4	747.1	700.6	650.3	600.0	545.8	495.5	445.1	398.7
-67.5°	843.8	774.2	720.0	673.5	627.1	584.5	538.0	491.6	449.0	398.7	352.2
-70°	708.3	669.6	638.7	603.8	561.3	522.6	480.0	437.4	390.9	348.4	305.8
-72.5°	603.8	580.6	557.4	522.6	483.8	449.0	414.2	375.5	336.8	298.0	263.2
-75°	495.5	476.1	456.7	433.5	402.6	375.5	344.5	309.7	278.7	251.6	224.5
-77.5°	398.7	383.2	371.6	352.2	329.0	305.8	286.4	263.2	240.0	212.9	185.8
-80°	317.4	309.7	305.8	298.0	278.7	259.3	243.9	224.5	201.3	181.9	162.6
-82.5°	247.7	247.7	243.9	240.0	224.5	209.0	197.4	181.9	166.4	151.0	131.6
-85°	181.9	178.1	178.1	174.2	162.6	154.8	143.2	135.5	123.9	108.4	100.6
-87.5°	108.4	104.5	100.6	96.8	89.0	85.2	77.4	73.5	65.8	58.1	54.2
-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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CATALOG NUMBER: IFLD-M-SA4C-727-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
85°	11.6	7.7	7.7	7.7	7.7	7.7	3.9	3.9	3.9	3.9	3.9
82.5°	23.2	23.2	19.4	19.4	15.5	11.6	7.7	7.7	7.7	3.9	3.9
80°	34.8	34.8	34.8	31.0	27.1	19.4	15.5	11.6	7.7	3.9	3.9
77.5°	42.6	38.7	38.7	34.8	34.8	31.0	23.2	19.4	11.6	7.7	3.9
75°	42.6	42.6	42.6	38.7	38.7	34.8	31.0	23.2	19.4	11.6	7.7
72.5°	46.4	42.6	42.6	42.6	38.7	34.8	31.0	27.1	23.2	15.5	7.7
70°	42.6	42.6	42.6	42.6	38.7	38.7	31.0	27.1	27.1	15.5	11.6
67.5°	42.6	42.6	42.6	38.7	38.7	34.8	31.0	27.1	27.1	19.4	11.6
65°	46.4	42.6	42.6	42.6	38.7	34.8	31.0	27.1	27.1	23.2	15.5
62.5°	50.3	46.4	46.4	42.6	38.7	34.8	31.0	27.1	27.1	23.2	15.5
60°	54.2	50.3	46.4	46.4	42.6	38.7	31.0	31.0	27.1	23.2	15.5
57.5°	58.1	54.2	54.2	50.3	46.4	42.6	34.8	31.0	27.1	23.2	19.4
55°	69.7	61.9	58.1	58.1	54.2	46.4	38.7	31.0	27.1	23.2	19.4
52.5°	92.9	73.5	65.8	65.8	61.9	54.2	42.6	34.8	27.1	23.2	19.4
50°	147.1	92.9	77.4	69.7	69.7	61.9	50.3	38.7	27.1	23.2	19.4
47.5°	232.2	154.8	92.9	81.3	77.4	73.5	58.1	38.7	31.0	23.2	19.4
45°	383.2	228.4	151.0	96.8	81.3	77.4	65.8	42.6	31.0	27.1	19.4
42.5°	526.4	356.1	232.2	116.1	96.8	85.2	69.7	46.4	34.8	27.1	19.4
40°	828.3	487.7	325.1	189.7	112.3	89.0	77.4	54.2	34.8	27.1	19.4
37.5°	1122.5	646.4	437.4	278.7	127.7	100.6	81.3	58.1	38.7	27.1	23.2
35°	1416.7	905.8	541.9	371.6	170.3	120.0	85.2	61.9	38.7	27.1	23.2
32.5°	1679.9	1149.6	650.3	464.5	255.5	143.2	92.9	65.8	42.6	31.0	23.2
30°	1896.7	1374.1	843.8	545.8	332.9	174.2	100.6	65.8	46.4	31.0	23.2
27.5°	2059.2	1548.3	1041.2	630.9	398.7	205.1	116.1	73.5	46.4	31.0	23.2
25°	2190.8	1683.8	1215.4	720.0	456.7	255.5	139.3	77.4	50.3	34.8	23.2
22.5°	2295.4	1796.0	1358.6	840.0	526.4	305.8	170.3	85.2	50.3	34.8	23.2
20°	2438.6	1908.3	1455.4	967.7	600.0	352.2	197.4	92.9	50.3	34.8	27.1
17.5°	2562.4	2020.5	1532.8	1076.1	673.5	387.1	228.4	100.6	54.2	34.8	27.1
15°	2705.7	2128.9	1602.5	1161.2	743.2	418.0	255.5	108.4	54.2	38.7	27.1
12.5°	2860.5	2229.6	1652.8	1230.9	816.7	445.1	278.7	123.9	58.1	38.7	27.1
10°	3019.2	2314.7	1695.4	1281.2	870.9	472.2	294.2	139.3	61.9	38.7	27.1
7.5°	3177.9	2392.1	1749.6	1304.4	894.1	503.2	301.9	154.8	61.9	42.6	27.1
5°	3286.3	2442.4	1827.0	1319.9	905.8	538.0	313.5	174.2	65.8	42.6	27.1
2.5°	3379.2	2473.4	1908.3	1331.5	909.6	557.4	309.7	185.8	69.7	42.6	27.1
0°	3421.7	2473.4	1962.5	1323.8	898.0	576.7	309.7	197.4	69.7	42.6	27.1
-2.5°	3355.9	2543.1	1947.0	1327.7	901.9	576.7	325.1	201.3	77.4	46.4	27.1
-5°	3251.4	2570.2	1900.5	1308.3	894.1	576.7	344.5	205.1	81.3	46.4	31.0
-7.5°	3150.8	2581.8	1846.3	1289.0	882.5	561.3	348.4	201.3	89.0	50.3	31.0
-10°	3019.2	2454.1	1776.7	1254.1	859.3	549.6	356.1	201.3	92.9	50.3	31.0
-12.5°	2868.2	2299.2	1691.5	1203.8	832.2	538.0	360.0	201.3	96.8	54.2	31.0
-15°	2694.0	2140.5	1594.7	1149.6	793.5	522.6	352.2	197.4	100.6	54.2	34.8
-17.5°	2496.6	1985.7	1494.1	1083.8	750.9	503.2	336.8	193.5	100.6	54.2	34.8
-20°	2272.1	1830.9	1381.9	1018.0	700.6	480.0	321.3	185.8	100.6	54.2	34.8



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CATALOG NUMBER: IFLD-M-SA4C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2070.9	1687.6	1265.7	944.5	646.4	452.9	301.9	178.1	100.6	58.1	34.8
-25°	1904.4	1548.3	1176.7	870.9	588.4	421.9	282.6	170.3	100.6	58.1	34.8
-27.5°	1730.2	1397.3	1083.8	801.2	549.6	394.8	263.2	162.6	96.8	58.1	34.8
-30°	1552.2	1250.3	987.0	723.8	510.9	367.7	247.7	151.0	96.8	58.1	34.8
-32.5°	1389.6	1130.3	898.0	646.4	468.4	340.6	232.2	147.1	92.9	58.1	34.8
-35°	1230.9	1021.9	805.1	584.5	421.9	313.5	216.8	143.2	92.9	58.1	34.8
-37.5°	1099.3	921.2	720.0	541.9	394.8	290.3	201.3	135.5	89.0	58.1	34.8
-40°	990.9	828.3	638.7	495.5	371.6	267.1	185.8	131.6	89.0	58.1	34.8
-42.5°	890.3	739.3	588.4	456.7	348.4	251.6	174.2	127.7	85.2	58.1	34.8
-45°	801.2	661.9	538.0	421.9	321.3	232.2	166.4	120.0	81.3	58.1	38.7
-47.5°	712.2	607.7	491.6	390.9	294.2	209.0	158.7	116.1	77.4	54.2	38.7
-50°	642.5	549.6	452.9	356.1	267.1	201.3	151.0	108.4	77.4	54.2	38.7
-52.5°	580.6	495.5	410.3	321.3	243.9	189.7	143.2	100.6	73.5	54.2	38.7
-55°	522.6	445.1	367.7	286.4	228.4	178.1	131.6	92.9	73.5	54.2	38.7
-57.5°	464.5	398.7	325.1	259.3	209.0	166.4	123.9	92.9	73.5	54.2	38.7
-60°	418.0	356.1	294.2	240.0	193.5	151.0	112.3	89.0	69.7	54.2	38.7
-62.5°	379.3	321.3	267.1	216.8	178.1	135.5	108.4	89.0	69.7	54.2	34.8
-65°	340.6	290.3	240.0	197.4	158.7	127.7	104.5	85.2	69.7	54.2	34.8
-67.5°	301.9	255.5	216.8	174.2	147.1	123.9	100.6	85.2	65.8	50.3	34.8
-70°	263.2	224.5	189.7	162.6	139.3	116.1	96.8	81.3	65.8	46.4	31.0
-72.5°	232.2	197.4	170.3	151.0	131.6	112.3	92.9	77.4	61.9	42.6	27.1
-75°	197.4	174.2	154.8	135.5	120.0	104.5	89.0	69.7	54.2	38.7	27.1
-77.5°	166.4	151.0	135.5	123.9	108.4	92.9	77.4	61.9	50.3	34.8	23.2
-80°	143.2	131.6	120.0	108.4	96.8	81.3	69.7	54.2	42.6	31.0	19.4
-82.5°	116.1	108.4	96.8	89.0	81.3	69.7	58.1	46.4	31.0	23.2	15.5
-85°	89.0	81.3	77.4	69.7	61.9	50.3	38.7	31.0	23.2	15.5	7.7
-87.5°	46.4	42.6	38.7	34.8	31.0	23.2	19.4	15.5	11.6	7.7	3.9
-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: P722411

CATALOG NUMBER: IFLD-M-SA4C-727-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°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	3.9	3.9	0.0	0.0
67.5°	7.7	3.9	0.0	0.0
65°	7.7	3.9	0.0	0.0
62.5°	7.7	3.9	0.0	0.0
60°	7.7	3.9	0.0	0.0
57.5°	11.6	3.9	3.9	0.0
55°	11.6	3.9	3.9	0.0
52.5°	11.6	3.9	3.9	0.0
50°	11.6	7.7	3.9	0.0
47.5°	11.6	7.7	3.9	0.0
45°	11.6	7.7	3.9	0.0
42.5°	11.6	7.7	3.9	0.0
40°	15.5	7.7	3.9	0.0
37.5°	15.5	7.7	3.9	0.0
35°	15.5	7.7	3.9	0.0
32.5°	15.5	7.7	3.9	0.0
30°	15.5	7.7	3.9	0.0
27.5°	15.5	11.6	3.9	0.0
25°	15.5	11.6	3.9	0.0
22.5°	19.4	11.6	3.9	0.0
20°	19.4	11.6	3.9	0.0
17.5°	19.4	11.6	3.9	0.0
15°	19.4	11.6	3.9	0.0
12.5°	19.4	11.6	3.9	0.0
10°	19.4	11.6	3.9	0.0
7.5°	19.4	11.6	3.9	0.0
5°	19.4	11.6	3.9	0.0
2.5°	19.4	11.6	3.9	0.0
0°	19.4	11.6	3.9	0.0
-2.5°	19.4	11.6	3.9	0.0
-5°	19.4	11.6	3.9	0.0
-7.5°	19.4	11.6	3.9	0.0
-10°	19.4	11.6	3.9	0.0
-12.5°	23.2	11.6	3.9	0.0
-15°	23.2	11.6	3.9	0.0
-17.5°	23.2	11.6	3.9	0.0
-20°	23.2	11.6	3.9	0.0

REPORT NUMBER: P722411

CATALOG NUMBER: IFLD-M-SA4C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	23.2	11.6	3.9	0.0
-25°	23.2	11.6	3.9	0.0
-27.5°	23.2	11.6	3.9	0.0
-30°	23.2	11.6	3.9	0.0
-32.5°	23.2	11.6	3.9	0.0
-35°	23.2	11.6	3.9	0.0
-37.5°	23.2	11.6	3.9	0.0
-40°	23.2	11.6	3.9	0.0
-42.5°	19.4	11.6	3.9	0.0
-45°	23.2	11.6	3.9	0.0
-47.5°	23.2	11.6	3.9	0.0
-50°	23.2	11.6	3.9	0.0
-52.5°	23.2	11.6	3.9	0.0
-55°	23.2	11.6	3.9	0.0
-57.5°	23.2	11.6	3.9	0.0
-60°	23.2	11.6	3.9	0.0
-62.5°	19.4	11.6	3.9	0.0
-65°	19.4	7.7	3.9	0.0
-67.5°	19.4	7.7	3.9	0.0
-70°	19.4	7.7	3.9	0.0
-72.5°	15.5	7.7	3.9	0.0
-75°	15.5	7.7	3.9	0.0
-77.5°	11.6	3.9	0.0	0.0
-80°	11.6	3.9	0.0	0.0
-82.5°	7.7	3.9	0.0	0.0
-85°	3.9	3.9	0.0	0.0
-87.5°	3.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)