

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: P722394

Luminaire Tested: **IFLD-S-SA2A-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722394
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

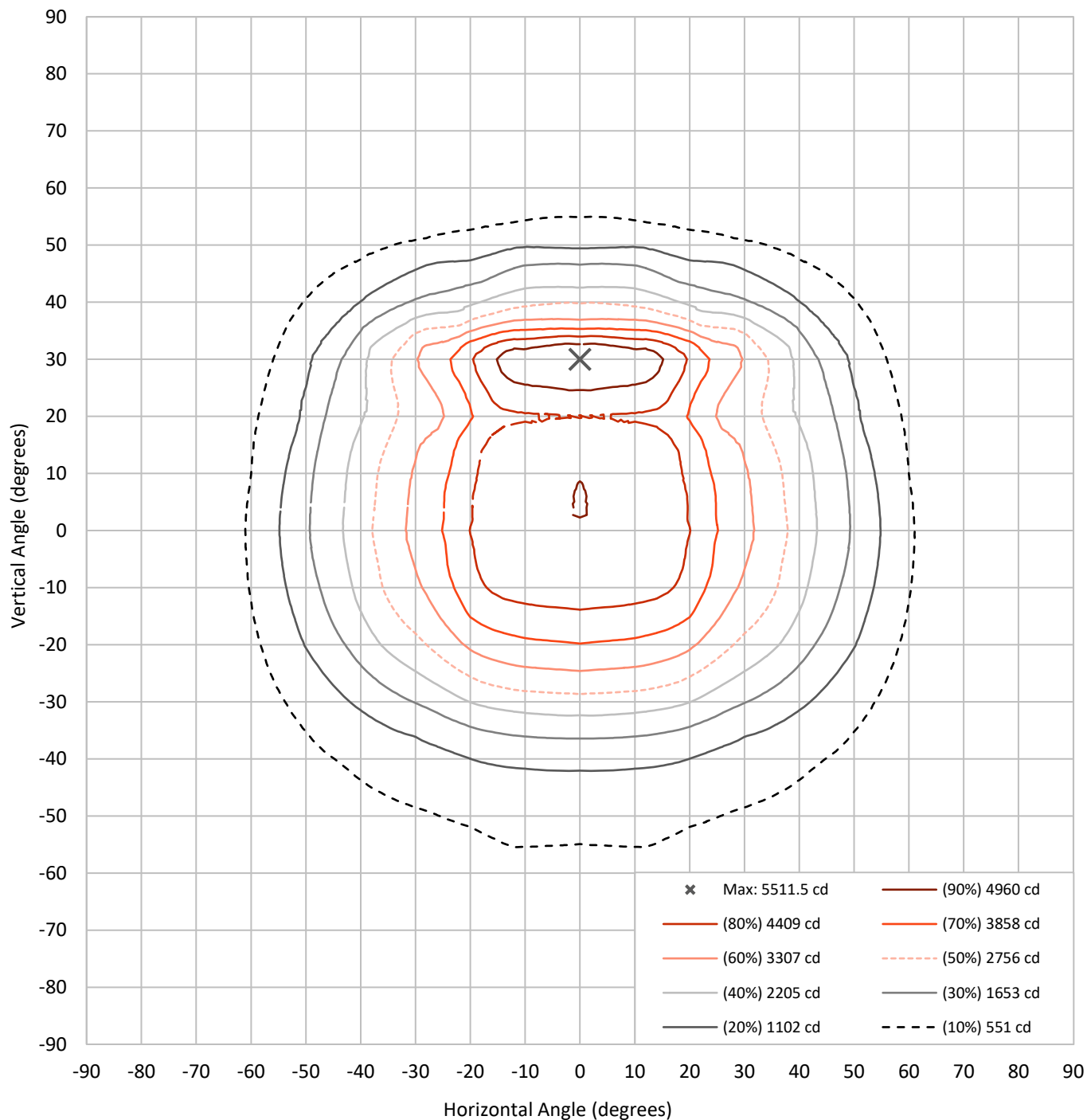
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7894.9 lumens	Max Intensity:	5511.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	123.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	5036.6 lumens	Field Lumens:	7443.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	63.8		
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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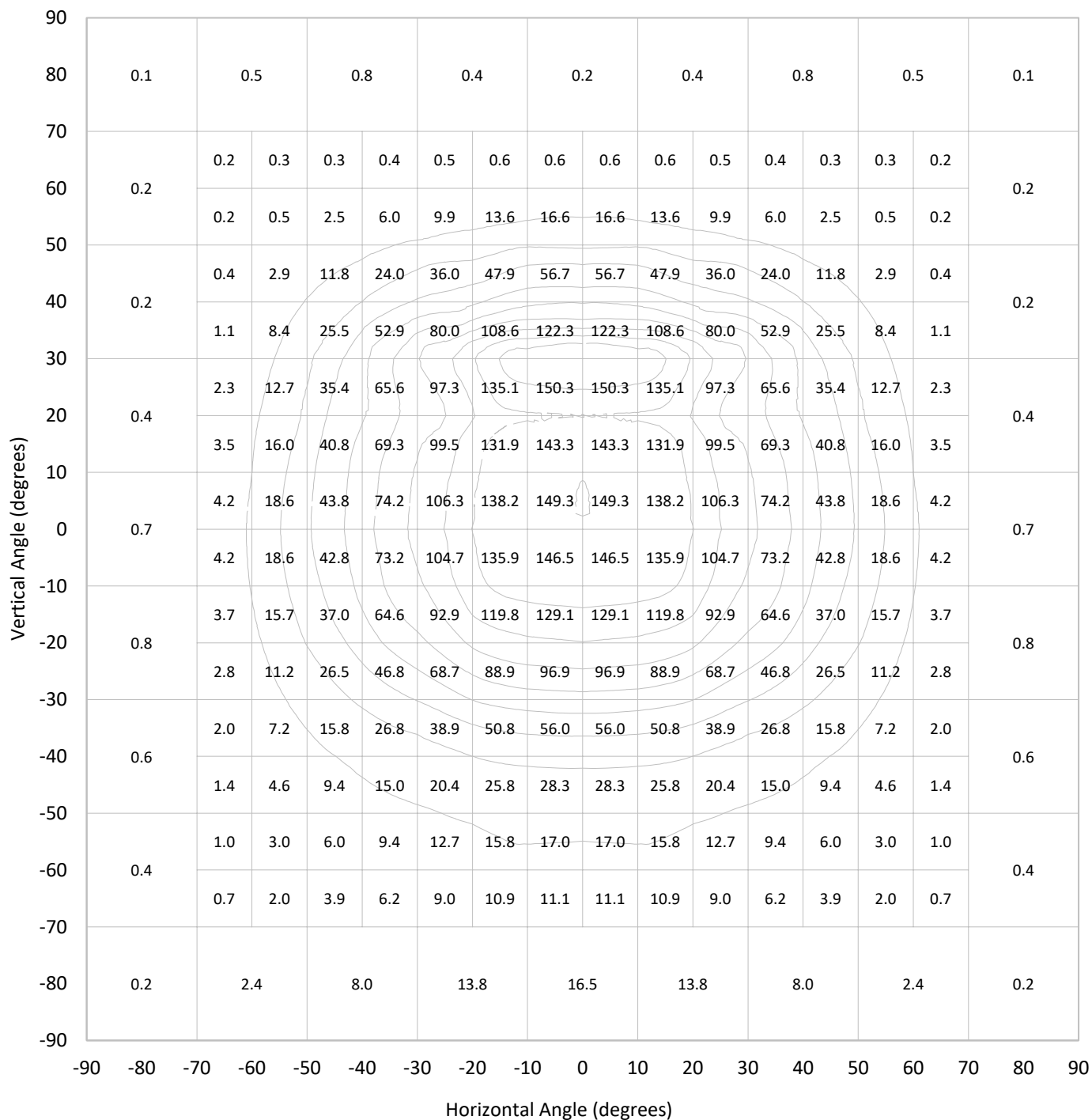
Iso-Candela Plot



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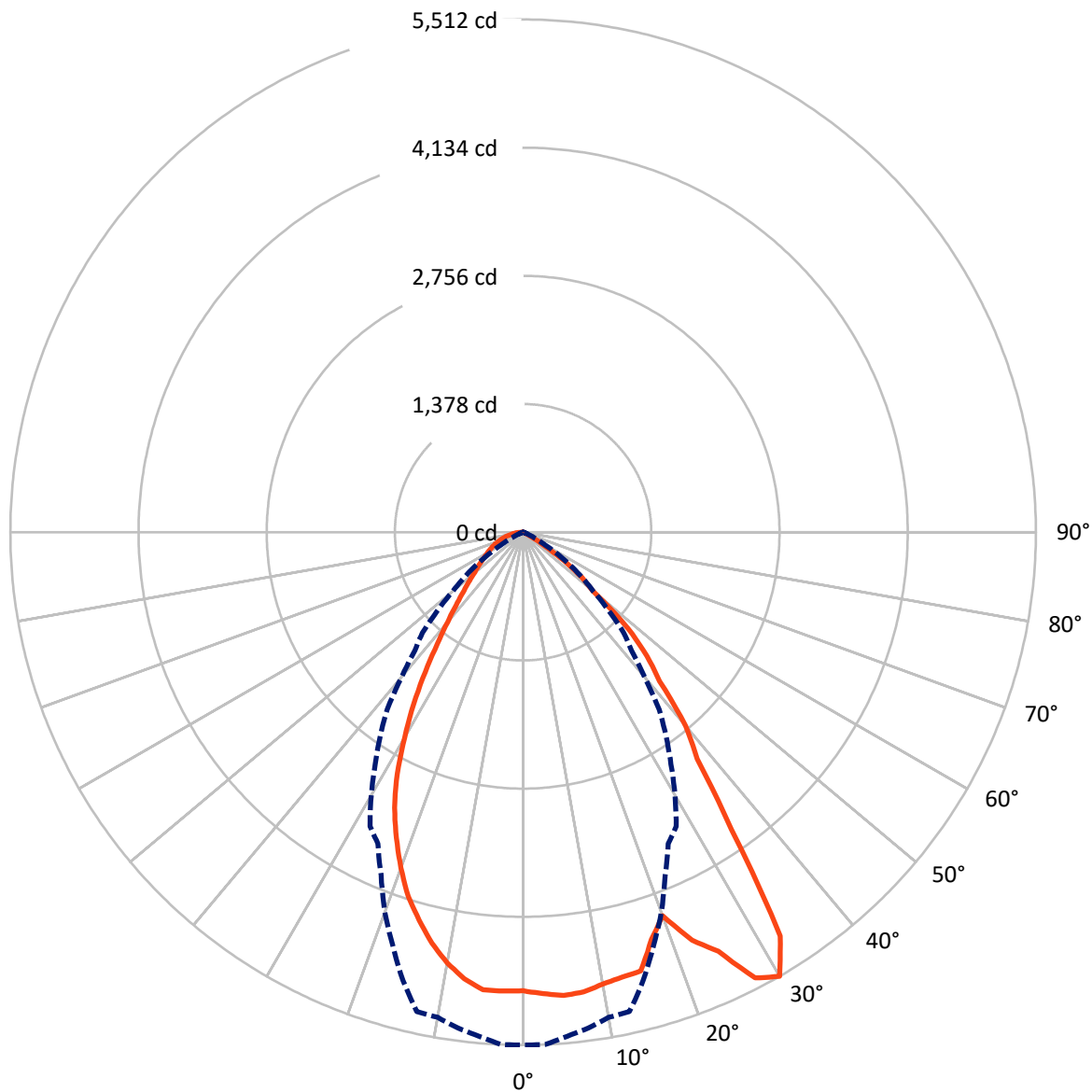
Lumen Table



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Luminous Intensity Polar Plot



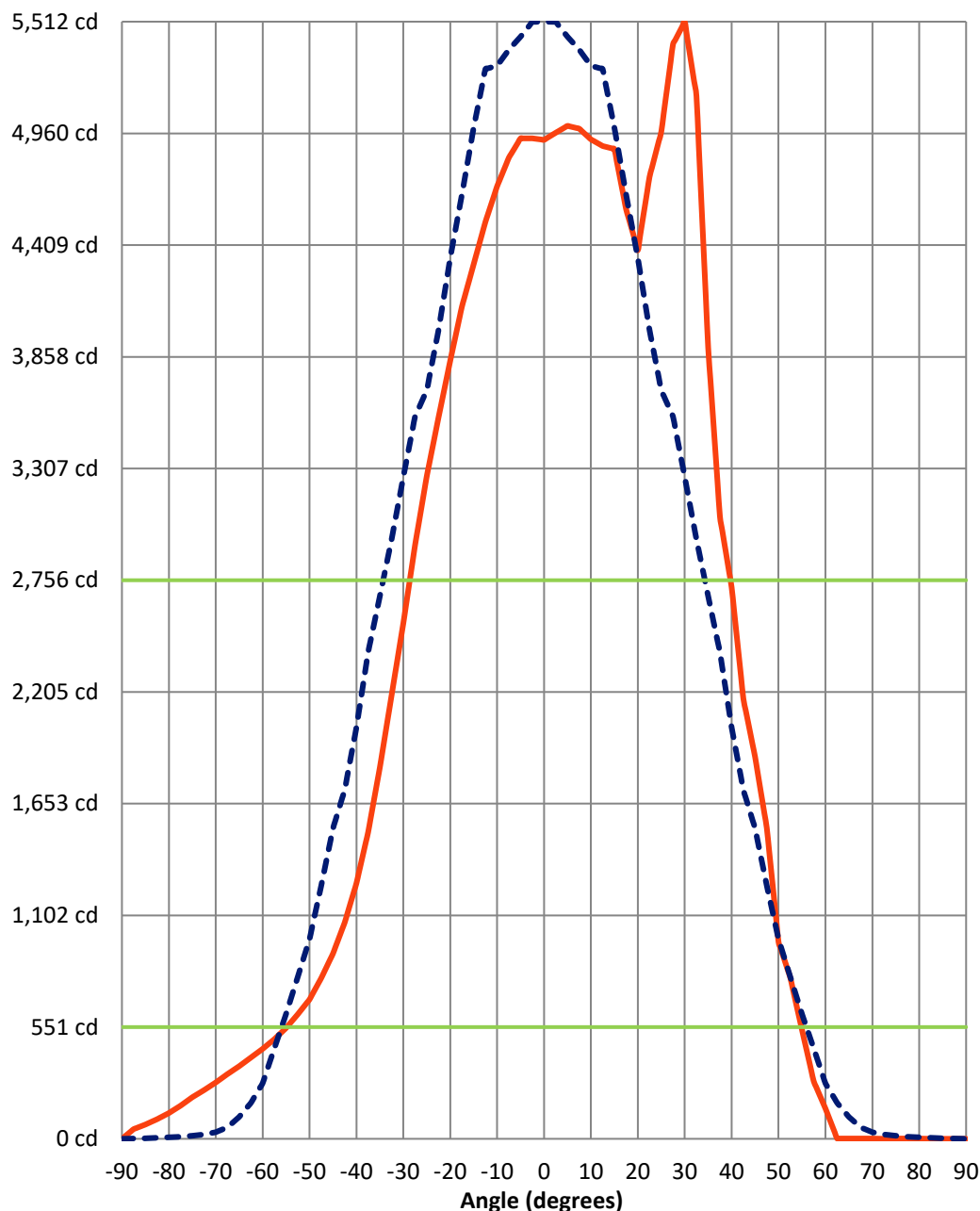
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 5036.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 7443.1

Efficiency: 94.3%

Spill:

Lumens: 451.8

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	1.3	1.3	1.3	1.3	1.3	1.3	1.3
85°	0.0	1.3	1.3	1.3	2.5	2.5	2.5	2.5	2.5	2.5	3.8
82.5°	0.0	1.3	1.3	1.3	2.5	2.5	2.5	2.5	3.8	3.8	5.0
80°	1.3	1.3	1.3	1.3	2.5	2.5	2.5	3.8	3.8	5.0	5.0
77.5°	1.3	1.3	1.3	2.5	2.5	2.5	3.8	3.8	5.0	5.0	6.3
75°	1.3	1.3	1.3	2.5	2.5	3.8	3.8	3.8	5.0	5.0	6.3
72.5°	0.0	1.3	1.3	2.5	2.5	3.8	3.8	3.8	5.0	5.0	5.0
70°	1.3	1.3	1.3	2.5	2.5	3.8	3.8	3.8	5.0	5.0	5.0
67.5°	1.3	1.3	1.3	2.5	2.5	3.8	3.8	5.0	5.0	5.0	6.3
65°	1.3	1.3	1.3	2.5	3.8	3.8	5.0	6.3	6.3	7.5	8.8
62.5°	1.3	2.5	2.5	3.8	5.0	6.3	13.8	21.4	21.4	15.1	12.6
60°	149.6	162.1	160.9	145.8	126.9	106.8	103.1	99.3	91.8	80.4	84.2
57.5°	284.1	299.1	305.4	301.7	291.6	274.0	263.9	252.6	237.6	220.0	199.8
55°	538.0	544.2	530.4	504.0	475.1	446.2	436.1	421.1	398.4	375.8	345.6
52.5°	795.6	817.0	810.7	784.3	745.3	693.8	637.2	593.3	566.9	541.7	511.6
50°	971.6	980.4	998.0	1029.4	1040.7	1005.5	913.8	795.6	711.4	754.1	721.5
47.5°	1533.4	1577.4	1568.6	1546.0	1508.3	1412.7	1284.5	1179.0	1091.0	1062.1	1067.1
45°	1884.1	1901.7	1895.4	1885.3	1867.7	1778.5	1636.5	1474.3	1392.6	1360.0	1326.0
42.5°	2171.9	2190.8	2194.5	2195.8	2176.9	2095.2	1967.0	1804.9	1723.2	1628.9	1554.8
40°	2721.2	2748.8	2717.4	2675.9	2613.1	2520.1	2394.4	2244.8	2100.3	1984.6	1896.7
37.5°	3071.9	3105.8	3118.4	3115.8	3102.0	3061.8	2907.2	2765.2	2544.0	2285.0	2331.5
35°	3903.9	3939.1	3929.1	3891.3	3871.2	3828.5	3677.7	3509.3	3231.5	2949.9	2874.5
32.5°	5144.5	5221.1	5077.9	4920.7	4824.0	4857.9	4704.6	4292.3	4164.1	3656.3	3421.3
30°	5511.5	5510.2	5437.3	5373.2	5294.0	5277.7	4988.6	4659.3	4345.1	3989.4	3692.8
27.5°	5399.6	5377.0	5315.4	5268.9	5194.7	5155.8	4873.0	4611.5	4248.3	3930.3	3643.7
25°	4968.5	4986.1	4923.3	4914.5	4885.5	4810.1	4669.4	4375.3	4051.0	3699.0	3492.9
22.5°	4746.0	4739.8	4664.3	4620.3	4655.5	4575.1	4518.5	4221.9	3883.8	3587.2	3339.6
20°	4384.0	4385.3	4366.5	4362.7	4341.3	4304.9	4259.6	4049.7	3810.9	3557.0	3259.1
17.5°	4586.4	4637.9	4660.6	4473.3	4526.1	4484.6	4436.8	4144.0	3964.2	3739.3	3350.9
15°	4883.0	4864.2	4841.6	4831.5	4802.6	4763.6	4676.9	4443.1	4133.9	3901.4	3598.5
12.5°	4898.1	4861.7	4852.9	4851.6	4821.4	4767.4	4683.2	4489.6	4215.6	3932.8	3686.5
10°	4930.8	4893.1	4888.1	4894.3	4847.8	4813.9	4729.7	4550.0	4240.8	3986.9	3754.3
7.5°	4983.6	4920.7	4949.7	4930.8	4909.4	4855.4	4764.9	4588.9	4332.5	4058.5	3814.7
5°	4997.4	4928.3	4959.7	4942.1	4910.7	4857.9	4759.9	4614.1	4389.1	4087.4	3838.6
2.5°	4963.5	4943.4	4929.5	4896.9	4883.0	4825.2	4732.2	4576.4	4362.7	4074.9	3833.5
0°	4928.3	4945.9	4914.5	4881.8	4875.5	4829.0	4749.8	4609.0	4424.3	4110.0	3876.3
-2.5°	4935.8	4922.0	4900.6	4866.7	4834.0	4767.4	4695.8	4563.8	4365.2	4033.4	3815.9
-5°	4935.8	4871.7	4874.2	4875.5	4842.8	4773.7	4687.0	4575.1	4330.0	4032.1	3798.3
-7.5°	4840.3	4785.0	4776.2	4768.7	4759.9	4695.8	4627.9	4488.4	4270.9	3999.4	3749.3
-10°	4699.5	4645.5	4650.5	4639.2	4611.5	4568.8	4517.3	4391.6	4213.1	3896.4	3650.0
-12.5°	4523.6	4499.7	4485.9	4467.0	4439.4	4401.6	4348.9	4230.7	4039.7	3769.4	3535.6
-15°	4314.9	4297.3	4284.8	4273.4	4233.2	4194.3	4125.1	4015.8	3896.4	3606.0	3367.2
-17.5°	4106.3	4062.3	4044.7	4029.6	4003.2	3940.4	3877.5	3795.8	3628.7	3398.6	3193.8
-20°	3838.6	3812.2	3790.8	3770.7	3733.0	3684.0	3632.4	3538.2	3393.6	3207.6	2995.2

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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°	3558.3	3543.2	3525.6	3500.5	3475.3	3428.8	3357.2	3266.7	3153.5	2952.4	2753.9
-25°	3269.2	3240.3	3218.9	3195.0	3174.9	3132.2	3063.1	2976.3	2834.3	2660.8	2494.9
-27.5°	2928.6	2900.9	2889.6	2861.9	2844.4	2805.4	2736.3	2655.8	2527.6	2381.8	2213.4
-30°	2544.0	2549.0	2536.4	2510.0	2488.7	2438.4	2385.6	2317.7	2217.2	2077.6	1926.8
-32.5°	2188.3	2194.5	2179.5	2151.8	2124.2	2087.7	2038.7	1977.1	1901.7	1768.5	1637.7
-35°	1832.6	1830.0	1817.5	1801.1	1782.3	1752.1	1696.8	1650.3	1563.6	1470.6	1380.1
-37.5°	1513.3	1519.6	1515.8	1507.0	1485.6	1460.5	1415.3	1372.5	1308.4	1226.7	1156.3
-40°	1260.7	1268.2	1263.2	1254.4	1235.5	1220.4	1190.3	1152.6	1101.0	1030.7	971.6
-42.5°	1067.1	1072.1	1065.8	1058.3	1042.0	1030.7	1006.8	975.4	932.6	878.6	825.8
-45°	913.8	915.0	908.7	903.7	891.1	877.3	857.2	832.1	798.1	760.4	717.7
-47.5°	793.1	791.8	785.6	780.5	770.5	757.9	741.6	718.9	692.5	663.6	629.7
-50°	687.5	693.8	691.3	686.3	678.7	669.9	653.6	629.7	603.3	581.9	558.1
-52.5°	614.6	615.9	614.6	614.6	613.4	607.1	588.2	564.3	535.4	516.6	496.5
-55°	546.7	553.0	555.5	558.1	559.3	559.3	536.7	511.6	483.9	465.1	450.0
-57.5°	491.4	495.2	497.7	504.0	509.0	512.8	492.7	470.1	448.7	431.1	417.3
-60°	443.7	448.7	452.5	458.8	462.5	465.1	452.5	437.4	424.8	413.5	393.4
-62.5°	400.9	404.7	408.5	412.3	416.0	418.5	413.5	406.0	399.7	394.7	369.5
-65°	358.2	362.0	365.8	370.8	374.6	377.1	375.8	370.8	365.8	360.7	338.1
-67.5°	319.3	323.0	328.0	329.3	331.8	333.1	330.6	326.8	320.5	314.2	296.6
-70°	277.8	280.3	282.8	282.8	282.8	281.5	279.0	274.0	267.7	258.9	245.1
-72.5°	240.1	242.6	245.1	241.3	238.8	235.0	231.3	225.0	218.7	212.4	204.9
-75°	204.9	206.1	206.1	201.1	197.3	193.6	188.5	184.8	178.5	173.5	167.2
-77.5°	163.4	163.4	163.4	159.6	157.1	154.6	150.8	147.1	142.0	138.3	133.2
-80°	126.9	126.9	126.9	125.7	121.9	119.4	116.9	114.4	110.6	108.1	105.6
-82.5°	96.8	96.8	96.8	95.5	93.0	91.8	89.2	86.7	85.5	83.0	81.7
-85°	70.4	71.6	71.6	70.4	69.1	66.6	65.4	64.1	62.8	61.6	59.1
-87.5°	47.8	47.8	47.8	46.5	45.2	45.2	44.0	41.5	39.0	37.7	36.4
-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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
85°	3.8	3.8	3.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.8
82.5°	6.3	6.3	7.5	7.5	8.8	8.8	8.8	8.8	8.8	8.8	8.8
80°	6.3	7.5	8.8	10.1	11.3	12.6	12.6	12.6	12.6	11.3	11.3
77.5°	7.5	7.5	8.8	10.1	11.3	12.6	13.8	15.1	13.8	13.8	13.8
75°	7.5	8.8	8.8	10.1	11.3	12.6	13.8	15.1	15.1	15.1	15.1
72.5°	6.3	7.5	8.8	10.1	10.1	11.3	12.6	12.6	13.8	13.8	15.1
70°	6.3	7.5	8.8	8.8	10.1	10.1	11.3	12.6	12.6	13.8	13.8
67.5°	7.5	8.8	8.8	10.1	11.3	11.3	11.3	12.6	12.6	13.8	13.8
65°	8.8	10.1	10.1	11.3	12.6	12.6	13.8	13.8	13.8	15.1	15.1
62.5°	15.1	15.1	15.1	13.8	15.1	15.1	15.1	16.3	16.3	15.1	16.3
60°	77.9	56.6	39.0	49.0	44.0	20.1	20.1	20.1	18.9	18.9	17.6
57.5°	183.5	170.9	147.1	124.4	111.9	99.3	61.6	25.1	25.1	22.6	20.1
55°	306.7	265.2	247.6	217.4	184.8	169.7	140.8	95.5	45.2	30.2	26.4
52.5°	475.1	436.1	390.9	329.3	285.3	250.1	226.2	179.7	120.7	64.1	40.2
50°	636.0	618.4	590.7	530.4	438.7	379.6	340.6	287.8	216.2	132.0	75.4
47.5°	1024.4	877.3	788.1	741.6	664.9	553.0	477.6	418.5	331.8	222.5	133.2
45°	1289.6	1196.6	1054.5	956.5	843.4	725.2	627.2	559.3	456.3	333.1	208.6
42.5°	1517.1	1436.6	1308.4	1165.1	1045.7	891.1	765.4	676.2	589.5	455.0	311.7
40°	1809.9	1714.4	1591.2	1451.7	1312.2	1114.9	911.2	803.2	707.6	588.2	421.1
37.5°	2292.6	2124.2	1923.0	1768.5	1586.2	1419.0	1140.0	949.0	835.8	711.4	549.3
35°	2873.3	2688.5	2352.9	2148.0	1904.2	1655.3	1404.0	1121.2	960.3	828.3	667.4
32.5°	3413.7	3143.5	2713.6	2473.6	2311.4	1852.7	1592.5	1347.4	1088.5	926.3	735.3
30°	3563.3	3265.4	2957.5	2677.2	2400.7	2029.9	1721.9	1530.9	1249.4	985.4	799.4
27.5°	3412.5	3207.6	2968.8	2708.6	2409.5	2091.5	1801.1	1618.9	1367.5	1025.6	849.7
25°	3259.1	3045.5	2878.3	2660.8	2384.3	2087.7	1803.6	1674.2	1459.3	1103.6	877.3
22.5°	3097.0	2963.8	2825.5	2582.9	2321.5	2099.0	1885.3	1721.9	1507.0	1191.5	888.6
20°	3105.8	3019.1	2867.0	2542.7	2310.2	2165.6	1983.4	1782.3	1558.5	1268.2	897.4
17.5°	3246.6	3133.4	2942.4	2660.8	2412.0	2233.5	2065.1	1865.2	1611.3	1336.1	1004.3
15°	3420.0	3247.8	3048.0	2800.4	2518.8	2307.7	2127.9	1923.0	1671.7	1398.9	1099.8
12.5°	3545.7	3300.6	3113.3	2889.6	2634.5	2388.1	2169.4	1967.0	1728.2	1450.5	1171.4
10°	3588.4	3366.0	3144.8	2944.9	2693.5	2430.8	2200.8	1994.7	1777.2	1490.7	1224.2
7.5°	3611.1	3422.5	3166.1	2970.0	2728.7	2457.2	2226.0	2009.8	1816.2	1518.3	1258.2
5°	3608.5	3452.7	3182.5	2977.6	2747.6	2468.5	2243.6	2013.5	1843.9	1542.2	1278.3
2.5°	3597.2	3472.8	3208.9	2990.2	2785.3	2489.9	2277.5	2021.1	1853.9	1568.6	1292.1
0°	3638.7	3474.1	3236.5	2993.9	2810.4	2497.4	2292.6	2014.8	1840.1	1576.1	1290.8
-2.5°	3549.5	3399.9	3230.2	2961.2	2776.5	2479.9	2264.9	1994.7	1809.9	1567.3	1285.8
-5°	3534.4	3345.9	3177.4	2931.1	2719.9	2443.4	2213.4	1957.0	1762.2	1538.4	1265.7
-7.5°	3494.2	3294.3	3125.9	2907.2	2667.1	2405.7	2164.4	1918.0	1710.6	1493.2	1236.8
-10°	3406.2	3215.1	3070.6	2855.7	2603.0	2351.7	2105.3	1866.5	1650.3	1431.6	1191.5
-12.5°	3280.5	3089.4	2946.2	2746.3	2522.6	2278.8	2034.9	1799.9	1581.2	1366.2	1137.5
-15°	3138.5	2944.9	2801.6	2619.4	2403.2	2165.6	1945.7	1715.7	1502.0	1297.1	1073.4
-17.5°	2977.6	2794.1	2655.8	2478.6	2263.7	2037.4	1818.7	1610.1	1410.2	1225.5	999.2
-20°	2791.6	2613.1	2486.1	2308.9	2111.6	1891.6	1679.2	1481.9	1302.1	1128.7	917.5

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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°	2561.6	2404.4	2259.9	2101.5	1929.3	1728.2	1530.9	1356.2	1184.0	1014.3	833.3
-25°	2326.5	2174.4	2033.7	1889.1	1724.5	1551.0	1382.6	1224.2	1055.8	902.5	751.6
-27.5°	2065.1	1929.3	1803.6	1670.4	1519.6	1370.0	1231.8	1077.2	931.4	800.6	671.2
-30°	1786.0	1675.4	1566.1	1447.9	1326.0	1200.3	1077.2	931.4	817.0	712.7	603.3
-32.5°	1518.3	1419.0	1331.1	1243.1	1137.5	1034.4	925.1	817.0	721.5	629.7	538.0
-35°	1283.3	1177.7	1128.7	1058.3	974.1	881.1	791.8	716.4	639.8	556.8	475.1
-37.5°	1079.7	1011.8	954.0	901.2	834.6	754.1	690.0	628.4	564.3	488.9	418.5
-40°	920.0	871.0	813.2	774.2	720.2	662.4	598.3	546.7	492.7	431.1	373.3
-42.5°	791.8	751.6	713.9	672.4	632.2	583.2	527.9	478.9	429.9	384.6	336.8
-45°	686.3	657.4	627.2	593.3	558.1	515.3	470.1	419.8	384.6	344.4	304.2
-47.5°	599.5	578.2	553.0	526.6	496.5	458.8	417.3	380.8	344.4	310.5	271.5
-50°	530.4	510.3	490.2	467.6	441.2	408.5	377.1	343.1	309.2	276.5	240.1
-52.5°	472.6	455.0	438.7	419.8	394.7	367.0	338.1	307.9	276.5	243.8	214.9
-55°	432.4	412.3	395.9	377.1	354.4	328.0	301.7	274.0	243.8	218.7	194.8
-57.5°	399.7	377.1	358.2	338.1	315.5	292.9	269.0	243.8	221.2	197.3	174.7
-60°	372.0	345.6	324.3	304.2	282.8	261.4	241.3	220.0	198.6	177.2	154.6
-62.5°	343.1	315.5	289.1	270.2	253.9	235.0	217.4	197.3	178.5	157.1	140.8
-65°	310.5	284.1	258.9	242.6	227.5	211.2	194.8	177.2	160.9	144.5	129.5
-67.5°	274.0	251.4	233.8	218.7	203.6	189.8	174.7	159.6	145.8	129.5	114.4
-70°	230.0	217.4	207.4	196.1	182.2	169.7	155.9	142.0	126.9	113.1	99.3
-72.5°	196.1	188.5	181.0	169.7	157.1	145.8	134.5	121.9	109.3	96.8	85.5
-75°	160.9	154.6	148.3	140.8	130.7	121.9	111.9	100.6	90.5	81.7	72.9
-77.5°	129.5	124.4	120.7	114.4	106.8	99.3	93.0	85.5	77.9	69.1	60.3
-80°	103.1	100.6	99.3	96.8	90.5	84.2	79.2	72.9	65.4	59.1	52.8
-82.5°	80.4	80.4	79.2	77.9	72.9	67.9	64.1	59.1	54.0	49.0	42.7
-85°	59.1	57.8	57.8	56.6	52.8	50.3	46.5	44.0	40.2	35.2	32.7
-87.5°	35.2	33.9	32.7	31.4	28.9	27.7	25.1	23.9	21.4	18.9	17.6
-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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CATALOG NUMBER: IFLD-S-SA2A-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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0
85°	3.8	2.5	2.5	2.5	2.5	2.5	1.3	1.3	1.3	1.3	1.3
82.5°	7.5	7.5	6.3	6.3	5.0	3.8	2.5	2.5	2.5	1.3	1.3
80°	11.3	11.3	11.3	10.1	8.8	6.3	5.0	3.8	2.5	1.3	1.3
77.5°	13.8	12.6	12.6	11.3	11.3	10.1	7.5	6.3	3.8	2.5	1.3
75°	13.8	13.8	13.8	12.6	12.6	11.3	10.1	7.5	6.3	3.8	2.5
72.5°	15.1	13.8	13.8	13.8	12.6	11.3	10.1	8.8	7.5	5.0	2.5
70°	13.8	13.8	13.8	13.8	12.6	12.6	10.1	8.8	8.8	5.0	3.8
67.5°	13.8	13.8	13.8	12.6	12.6	11.3	10.1	8.8	8.8	6.3	3.8
65°	15.1	13.8	13.8	13.8	12.6	11.3	10.1	8.8	8.8	7.5	5.0
62.5°	16.3	15.1	15.1	13.8	12.6	11.3	10.1	8.8	8.8	7.5	5.0
60°	17.6	16.3	15.1	15.1	13.8	12.6	10.1	10.1	8.8	7.5	5.0
57.5°	18.9	17.6	17.6	16.3	15.1	13.8	11.3	10.1	8.8	7.5	6.3
55°	22.6	20.1	18.9	18.9	17.6	15.1	12.6	10.1	8.8	7.5	6.3
52.5°	30.2	23.9	21.4	21.4	20.1	17.6	13.8	11.3	8.8	7.5	6.3
50°	47.8	30.2	25.1	22.6	22.6	20.1	16.3	12.6	8.8	7.5	6.3
47.5°	75.4	50.3	30.2	26.4	25.1	23.9	18.9	12.6	10.1	7.5	6.3
45°	124.4	74.2	49.0	31.4	26.4	25.1	21.4	13.8	10.1	8.8	6.3
42.5°	170.9	115.6	75.4	37.7	31.4	27.7	22.6	15.1	11.3	8.8	6.3
40°	269.0	158.4	105.6	61.6	36.4	28.9	25.1	17.6	11.3	8.8	6.3
37.5°	364.5	209.9	142.0	90.5	41.5	32.7	26.4	18.9	12.6	8.8	7.5
35°	460.0	294.1	176.0	120.7	55.3	39.0	27.7	20.1	12.6	8.8	7.5
32.5°	545.5	373.3	211.2	150.8	83.0	46.5	30.2	21.4	13.8	10.1	7.5
30°	615.9	446.2	274.0	177.2	108.1	56.6	32.7	21.4	15.1	10.1	7.5
27.5°	668.7	502.8	338.1	204.9	129.5	66.6	37.7	23.9	15.1	10.1	7.5
25°	711.4	546.7	394.7	233.8	148.3	83.0	45.2	25.1	16.3	11.3	7.5
22.5°	745.3	583.2	441.2	272.7	170.9	99.3	55.3	27.7	16.3	11.3	7.5
20°	791.8	619.6	472.6	314.2	194.8	114.4	64.1	30.2	16.3	11.3	8.8
17.5°	832.1	656.1	497.7	349.4	218.7	125.7	74.2	32.7	17.6	11.3	8.8
15°	878.6	691.3	520.4	377.1	241.3	135.7	83.0	35.2	17.6	12.6	8.8
12.5°	928.8	724.0	536.7	399.7	265.2	144.5	90.5	40.2	18.9	12.6	8.8
10°	980.4	751.6	550.5	416.0	282.8	153.3	95.5	45.2	20.1	12.6	8.8
7.5°	1031.9	776.8	568.1	423.6	290.3	163.4	98.0	50.3	20.1	13.8	8.8
5°	1067.1	793.1	593.3	428.6	294.1	174.7	101.8	56.6	21.4	13.8	8.8
2.5°	1097.3	803.2	619.6	432.4	295.4	181.0	100.6	60.3	22.6	13.8	8.8
0°	1111.1	803.2	637.2	429.9	291.6	187.3	100.6	64.1	22.6	13.8	8.8
-2.5°	1089.7	825.8	632.2	431.1	292.9	187.3	105.6	65.4	25.1	15.1	8.8
-5°	1055.8	834.6	617.1	424.8	290.3	187.3	111.9	66.6	26.4	15.1	10.1
-7.5°	1023.1	838.3	599.5	418.5	286.6	182.2	113.1	65.4	28.9	16.3	10.1
-10°	980.4	796.9	576.9	407.2	279.0	178.5	115.6	65.4	30.2	16.3	10.1
-12.5°	931.4	746.6	549.3	390.9	270.2	174.7	116.9	65.4	31.4	17.6	10.1
-15°	874.8	695.1	517.8	373.3	257.7	169.7	114.4	64.1	32.7	17.6	11.3
-17.5°	810.7	644.8	485.2	351.9	243.8	163.4	109.3	62.8	32.7	17.6	11.3
-20°	737.8	594.5	448.7	330.6	227.5	155.9	104.3	60.3	32.7	17.6	11.3

REPORT NUMBER: P722394

CATALOG NUMBER: IFLD-S-SA2A-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°	672.4	548.0	411.0	306.7	209.9	147.1	98.0	57.8	32.7	18.9	11.3
-25°	618.4	502.8	382.1	282.8	191.0	137.0	91.8	55.3	32.7	18.9	11.3
-27.5°	561.8	453.7	351.9	260.2	178.5	128.2	85.5	52.8	31.4	18.9	11.3
-30°	504.0	406.0	320.5	235.0	165.9	119.4	80.4	49.0	31.4	18.9	11.3
-32.5°	451.2	367.0	291.6	209.9	152.1	110.6	75.4	47.8	30.2	18.9	11.3
-35°	399.7	331.8	261.4	189.8	137.0	101.8	70.4	46.5	30.2	18.9	11.3
-37.5°	357.0	299.1	233.8	176.0	128.2	94.3	65.4	44.0	28.9	18.9	11.3
-40°	321.8	269.0	207.4	160.9	120.7	86.7	60.3	42.7	28.9	18.9	11.3
-42.5°	289.1	240.1	191.0	148.3	113.1	81.7	56.6	41.5	27.7	18.9	11.3
-45°	260.2	214.9	174.7	137.0	104.3	75.4	54.0	39.0	26.4	18.9	12.6
-47.5°	231.3	197.3	159.6	126.9	95.5	67.9	51.5	37.7	25.1	17.6	12.6
-50°	208.6	178.5	147.1	115.6	86.7	65.4	49.0	35.2	25.1	17.6	12.6
-52.5°	188.5	160.9	133.2	104.3	79.2	61.6	46.5	32.7	23.9	17.6	12.6
-55°	169.7	144.5	119.4	93.0	74.2	57.8	42.7	30.2	23.9	17.6	12.6
-57.5°	150.8	129.5	105.6	84.2	67.9	54.0	40.2	30.2	23.9	17.6	12.6
-60°	135.7	115.6	95.5	77.9	62.8	49.0	36.4	28.9	22.6	17.6	12.6
-62.5°	123.2	104.3	86.7	70.4	57.8	44.0	35.2	28.9	22.6	17.6	11.3
-65°	110.6	94.3	77.9	64.1	51.5	41.5	33.9	27.7	22.6	17.6	11.3
-67.5°	98.0	83.0	70.4	56.6	47.8	40.2	32.7	27.7	21.4	16.3	11.3
-70°	85.5	72.9	61.6	52.8	45.2	37.7	31.4	26.4	21.4	15.1	10.1
-72.5°	75.4	64.1	55.3	49.0	42.7	36.4	30.2	25.1	20.1	13.8	8.8
-75°	64.1	56.6	50.3	44.0	39.0	33.9	28.9	22.6	17.6	12.6	8.8
-77.5°	54.0	49.0	44.0	40.2	35.2	30.2	25.1	20.1	16.3	11.3	7.5
-80°	46.5	42.7	39.0	35.2	31.4	26.4	22.6	17.6	13.8	10.1	6.3
-82.5°	37.7	35.2	31.4	28.9	26.4	22.6	18.9	15.1	10.1	7.5	5.0
-85°	28.9	26.4	25.1	22.6	20.1	16.3	12.6	10.1	7.5	5.0	2.5
-87.5°	15.1	13.8	12.6	11.3	10.1	7.5	6.3	5.0	3.8	2.5	1.3
-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: P722394

CATALOG NUMBER: IFLD-S-SA2A-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°	1.3	0.0	0.0	0.0
77.5°	1.3	0.0	0.0	0.0
75°	1.3	1.3	0.0	0.0
72.5°	1.3	1.3	0.0	0.0
70°	1.3	1.3	0.0	0.0
67.5°	2.5	1.3	0.0	0.0
65°	2.5	1.3	0.0	0.0
62.5°	2.5	1.3	0.0	0.0
60°	2.5	1.3	0.0	0.0
57.5°	3.8	1.3	1.3	0.0
55°	3.8	1.3	1.3	0.0
52.5°	3.8	1.3	1.3	0.0
50°	3.8	2.5	1.3	0.0
47.5°	3.8	2.5	1.3	0.0
45°	3.8	2.5	1.3	0.0
42.5°	3.8	2.5	1.3	0.0
40°	5.0	2.5	1.3	0.0
37.5°	5.0	2.5	1.3	0.0
35°	5.0	2.5	1.3	0.0
32.5°	5.0	2.5	1.3	0.0
30°	5.0	2.5	1.3	0.0
27.5°	5.0	3.8	1.3	0.0
25°	5.0	3.8	1.3	0.0
22.5°	6.3	3.8	1.3	0.0
20°	6.3	3.8	1.3	0.0
17.5°	6.3	3.8	1.3	0.0
15°	6.3	3.8	1.3	0.0
12.5°	6.3	3.8	1.3	0.0
10°	6.3	3.8	1.3	0.0
7.5°	6.3	3.8	1.3	0.0
5°	6.3	3.8	1.3	0.0
2.5°	6.3	3.8	1.3	0.0
0°	6.3	3.8	1.3	0.0
-2.5°	6.3	3.8	1.3	0.0
-5°	6.3	3.8	1.3	0.0
-7.5°	6.3	3.8	1.3	0.0
-10°	6.3	3.8	1.3	0.0
-12.5°	7.5	3.8	1.3	0.0
-15°	7.5	3.8	1.3	0.0
-17.5°	7.5	3.8	1.3	0.0
-20°	7.5	3.8	1.3	0.0

REPORT NUMBER: P722394

CATALOG NUMBER: IFLD-S-SA2A-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.5	3.8	1.3	0.0
-25°	7.5	3.8	1.3	0.0
-27.5°	7.5	3.8	1.3	0.0
-30°	7.5	3.8	1.3	0.0
-32.5°	7.5	3.8	1.3	0.0
-35°	7.5	3.8	1.3	0.0
-37.5°	7.5	3.8	1.3	0.0
-40°	7.5	3.8	1.3	0.0
-42.5°	6.3	3.8	1.3	0.0
-45°	7.5	3.8	1.3	0.0
-47.5°	7.5	3.8	1.3	0.0
-50°	7.5	3.8	1.3	0.0
-52.5°	7.5	3.8	1.3	0.0
-55°	7.5	3.8	1.3	0.0
-57.5°	7.5	3.8	1.3	0.0
-60°	7.5	3.8	1.3	0.0
-62.5°	6.3	3.8	1.3	0.0
-65°	6.3	2.5	1.3	0.0
-67.5°	6.3	2.5	1.3	0.0
-70°	6.3	2.5	1.3	0.0
-72.5°	5.0	2.5	1.3	0.0
-75°	5.0	2.5	1.3	0.0
-77.5°	3.8	1.3	0.0	0.0
-80°	3.8	1.3	0.0	0.0
-82.5°	2.5	1.3	0.0	0.0
-85°	1.3	1.3	0.0	0.0
-87.5°	1.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)