

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: P722398

Luminaire Tested: **IFLD-S-SA2E-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722398
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-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

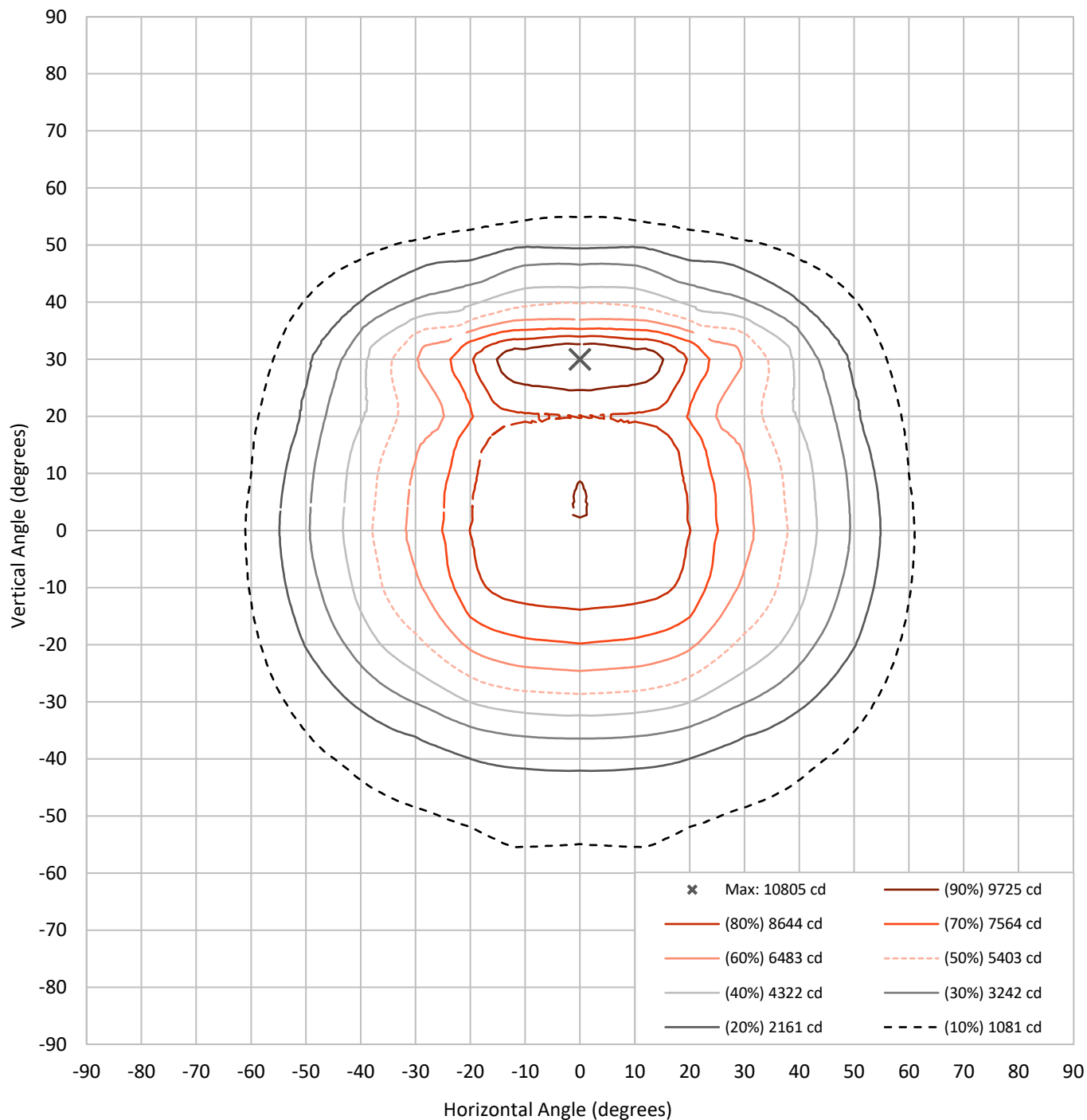
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15477.5 lumens	Max Intensity:	10805 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	99.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	9874 lumens	Field Lumens:	14591.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	156.2		
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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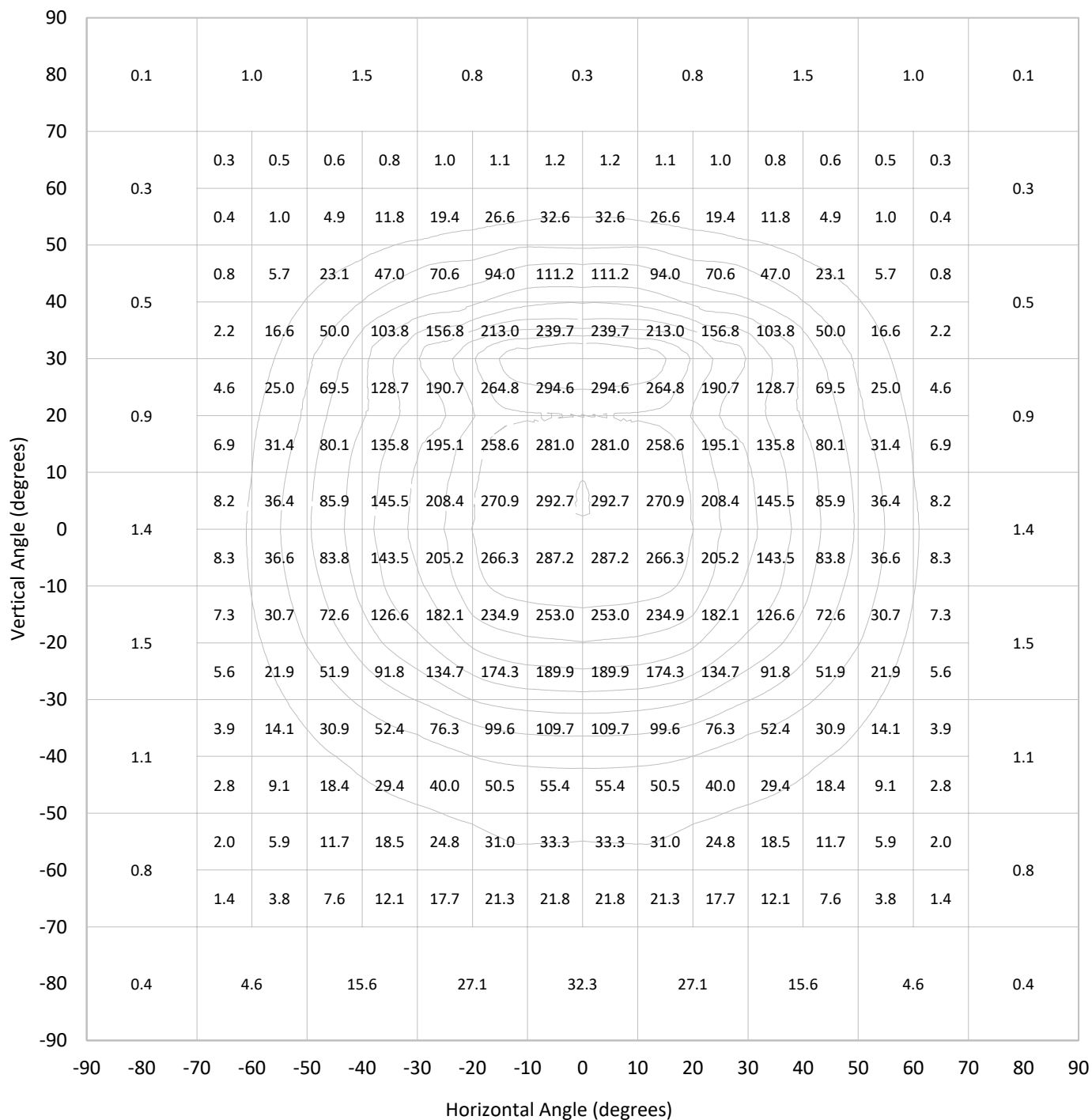
Iso-Candela Plot



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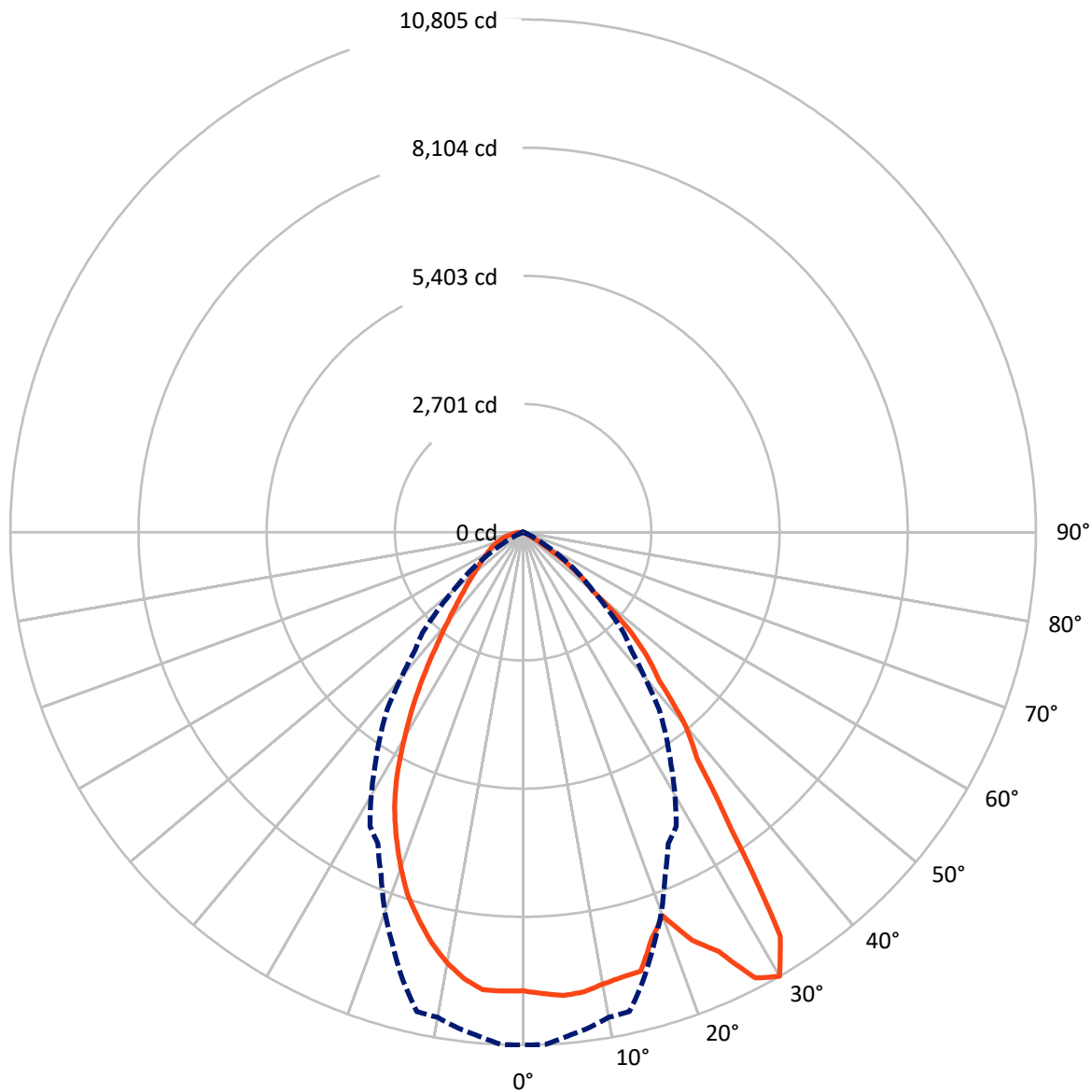
Lumen Table



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Luminous Intensity Polar Plot



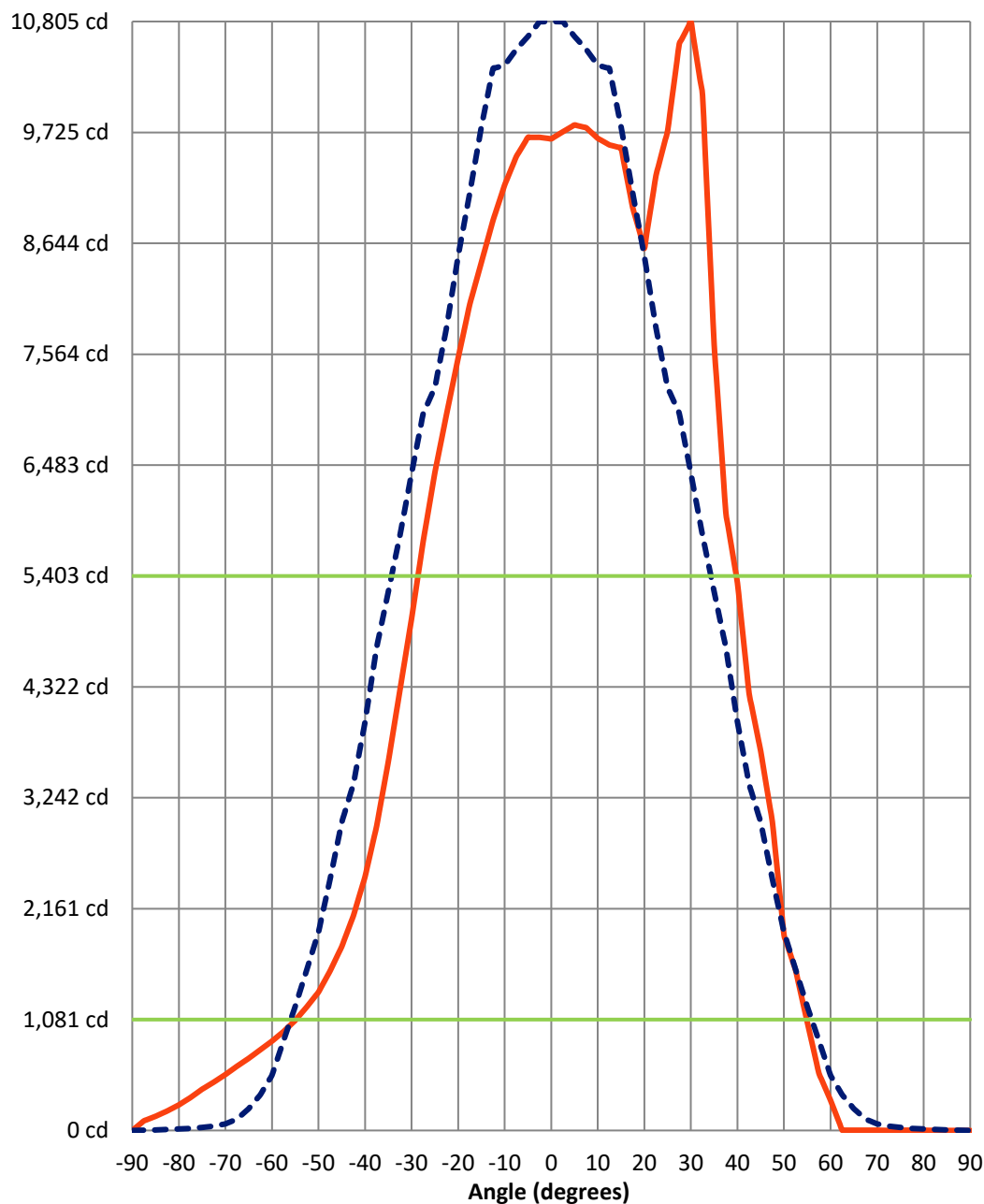
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9874

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14591.8

Efficiency: 94.3%

Spill:

Lumens: 885.7

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	4.9	4.9	4.9	4.9	4.9	4.9	7.4
82.5°	0.0	2.5	2.5	2.5	4.9	4.9	4.9	4.9	7.4	7.4	9.9
80°	2.5	2.5	2.5	2.5	4.9	4.9	4.9	7.4	7.4	9.9	9.9
77.5°	2.5	2.5	2.5	4.9	4.9	4.9	7.4	7.4	9.9	9.9	12.3
75°	2.5	2.5	2.5	4.9	4.9	7.4	7.4	7.4	9.9	9.9	12.3
72.5°	0.0	2.5	2.5	4.9	4.9	7.4	7.4	7.4	9.9	9.9	9.9
70°	2.5	2.5	2.5	4.9	4.9	7.4	7.4	7.4	9.9	9.9	9.9
67.5°	2.5	2.5	2.5	4.9	4.9	7.4	7.4	9.9	9.9	9.9	12.3
65°	2.5	2.5	2.5	4.9	7.4	7.4	9.9	12.3	12.3	14.8	17.2
62.5°	2.5	4.9	4.9	7.4	9.9	12.3	27.1	41.9	41.9	29.6	24.6
60°	293.2	317.9	315.4	285.8	248.9	209.4	202.1	194.7	179.9	157.7	165.1
57.5°	556.9	586.5	598.8	591.4	571.7	537.2	517.5	495.3	465.7	431.2	391.8
55°	1054.6	1067.0	1039.8	988.1	931.4	874.8	855.0	825.5	781.1	736.8	677.6
52.5°	1559.8	1601.7	1589.3	1537.6	1461.2	1360.2	1249.3	1163.0	1111.3	1062.0	1002.9
50°	1904.7	1922.0	1956.5	2018.1	2040.3	1971.3	1791.4	1559.8	1394.7	1478.5	1414.4
47.5°	3006.2	3092.4	3075.2	3030.8	2956.9	2769.6	2518.3	2311.3	2138.8	2082.2	2092.0
45°	3693.7	3728.2	3715.8	3696.1	3661.6	3486.7	3208.2	2890.4	2730.2	2666.1	2599.6
42.5°	4257.9	4294.9	4302.3	4304.8	4267.8	4107.6	3856.3	3538.4	3378.3	3193.5	3048.1
40°	5334.8	5389.0	5327.4	5246.0	5122.8	4940.5	4694.1	4400.9	4117.5	3890.8	3718.3
37.5°	6022.2	6088.8	6113.4	6108.5	6081.4	6002.5	5699.4	5421.0	4987.3	4479.7	4570.9
35°	7653.5	7722.5	7702.7	7628.8	7589.4	7505.6	7209.9	6879.7	6335.2	5783.2	5635.4
32.5°	10085.5	10235.8	9954.9	9646.9	9457.2	9523.7	9223.1	8414.9	8163.5	7168.0	6707.2
30°	10805.0	10802.6	10659.6	10534.0	10378.7	10346.7	9780.0	9134.4	8518.4	7821.0	7239.5
27.5°	10585.7	10541.4	10420.6	10329.5	10184.1	10107.7	9553.3	9040.7	8328.6	7705.2	7143.4
25°	9740.5	9775.0	9651.8	9634.6	9577.9	9430.1	9154.1	8577.5	7941.8	7251.8	6847.7
22.5°	9304.4	9292.1	9144.2	9058.0	9127.0	8969.3	8858.4	8276.9	7614.0	7032.5	6547.1
20°	8594.7	8597.2	8560.2	8552.8	8511.0	8439.5	8350.8	7939.3	7471.1	6973.4	6389.4
17.5°	8991.5	9092.5	9136.8	8769.7	8873.2	8791.9	8698.2	8124.1	7771.7	7330.7	6569.3
15°	9573.0	9536.0	9491.7	9472.0	9415.3	9338.9	9168.9	8710.6	8104.4	7648.5	7054.7
12.5°	9602.6	9531.1	9513.8	9511.4	9452.2	9346.3	9181.2	8801.7	8264.6	7710.1	7227.2
10°	9666.6	9592.7	9582.8	9595.2	9504.0	9437.5	9272.4	8920.0	8313.8	7816.1	7360.2
7.5°	9770.1	9646.9	9703.6	9666.6	9624.7	9518.8	9341.4	8996.4	8493.7	7956.5	7478.5
5°	9797.2	9661.7	9723.3	9688.8	9627.2	9523.7	9331.5	9045.7	8604.6	8013.2	7525.3
2.5°	9730.7	9691.3	9664.2	9600.1	9573.0	9459.6	9277.3	8971.7	8552.8	7988.6	7515.5
0°	9661.7	9696.2	9634.6	9570.5	9558.2	9467.0	9311.8	9035.8	8673.6	8057.6	7599.2
-2.5°	9676.5	9649.4	9607.5	9540.9	9476.9	9346.3	9205.8	8947.1	8557.8	7907.3	7481.0
-5°	9676.5	9550.8	9555.7	9558.2	9494.1	9358.6	9188.6	8969.3	8488.8	7904.8	7446.5
-7.5°	9489.2	9380.8	9363.5	9348.7	9331.5	9205.8	9072.8	8799.3	8373.0	7840.7	7350.4
-10°	9213.2	9107.3	9117.1	9094.9	9040.7	8957.0	8855.9	8609.5	8259.6	7638.7	7155.7
-12.5°	8868.3	8821.4	8794.3	8757.4	8703.2	8629.2	8525.7	8294.1	7919.6	7389.8	6931.5
-15°	8459.2	8424.7	8400.1	8377.9	8299.0	8222.7	8087.1	7872.8	7638.7	7069.5	6601.3
-17.5°	8050.2	7963.9	7929.4	7899.9	7848.1	7724.9	7601.7	7441.5	7113.8	6662.9	6261.2
-20°	7525.3	7473.6	7431.7	7392.3	7318.3	7222.2	7121.2	6936.4	6653.0	6288.4	5871.9

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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°	6975.8	6946.3	6911.8	6862.5	6813.2	6722.0	6581.6	6404.2	6182.4	5788.1	5398.8
-25°	6409.1	6352.4	6310.5	6263.7	6224.3	6140.5	6005.0	5835.0	5556.5	5216.5	4891.2
-27.5°	5741.3	5687.1	5664.9	5610.7	5576.2	5499.8	5364.3	5206.6	4955.3	4669.4	4339.3
-30°	4987.3	4997.2	4972.5	4920.8	4878.9	4780.3	4676.8	4543.8	4346.7	4073.1	3777.4
-32.5°	4290.0	4302.3	4272.7	4218.5	4164.3	4092.8	3996.8	3876.0	3728.2	3467.0	3210.7
-35°	3592.6	3587.7	3563.1	3531.0	3494.1	3434.9	3326.5	3235.3	3065.3	2883.0	2705.6
-37.5°	2966.8	2979.1	2971.7	2954.4	2912.6	2863.3	2774.6	2690.8	2565.1	2404.9	2267.0
-40°	2471.5	2486.3	2476.4	2459.2	2422.2	2392.6	2333.5	2259.6	2158.5	2020.6	1904.7
-42.5°	2092.0	2101.9	2089.5	2074.8	2042.7	2020.6	1973.7	1912.1	1828.4	1722.4	1618.9
-45°	1791.4	1793.9	1781.5	1771.7	1747.0	1719.9	1680.5	1631.2	1564.7	1490.8	1407.0
-47.5°	1554.8	1552.4	1540.1	1530.2	1510.5	1485.8	1453.8	1409.5	1357.7	1301.0	1234.5
-50°	1347.9	1360.2	1355.2	1345.4	1330.6	1313.4	1281.3	1234.5	1182.8	1140.9	1094.1
-52.5°	1204.9	1207.4	1204.9	1204.9	1202.5	1190.2	1153.2	1106.4	1049.7	1012.7	973.3
-55°	1071.9	1084.2	1089.1	1094.1	1096.5	1096.5	1052.2	1002.9	948.7	911.7	882.1
-57.5°	963.5	970.9	975.8	988.1	998.0	1005.3	965.9	921.6	879.7	845.2	818.1
-60°	869.8	879.7	887.1	899.4	906.8	911.7	887.1	857.5	832.9	810.7	771.3
-62.5°	786.0	793.4	800.8	808.2	815.6	820.5	810.7	795.9	783.6	773.7	724.4
-65°	702.3	709.7	717.0	726.9	734.3	739.2	736.8	726.9	717.0	707.2	662.8
-67.5°	625.9	633.3	643.1	645.6	650.5	653.0	648.1	640.7	628.3	616.0	581.5
-70°	544.6	549.5	554.4	554.4	554.4	552.0	547.0	537.2	524.9	507.6	480.5
-72.5°	470.6	475.6	480.5	473.1	468.2	460.8	453.4	441.1	428.8	416.4	401.6
-75°	401.6	404.1	404.1	394.3	386.9	379.5	369.6	362.2	349.9	340.0	327.7
-77.5°	320.3	320.3	320.3	312.9	308.0	303.1	295.7	288.3	278.4	271.0	261.2
-80°	248.9	248.9	248.9	246.4	239.0	234.1	229.2	224.2	216.8	211.9	207.0
-82.5°	189.7	189.7	189.7	187.3	182.3	179.9	175.0	170.0	167.6	162.6	160.2
-85°	138.0	140.5	140.5	138.0	135.5	130.6	128.1	125.7	123.2	120.7	115.8
-87.5°	93.6	93.6	93.6	91.2	88.7	88.7	86.2	81.3	76.4	73.9	71.5
-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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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°	7.4	7.4	7.4	9.9	9.9	9.9	9.9	9.9	9.9	9.9	7.4
82.5°	12.3	12.3	14.8	14.8	17.2	17.2	17.2	17.2	17.2	17.2	17.2
80°	12.3	14.8	17.2	19.7	22.2	24.6	24.6	24.6	24.6	22.2	22.2
77.5°	14.8	14.8	17.2	19.7	22.2	24.6	27.1	29.6	27.1	27.1	27.1
75°	14.8	17.2	17.2	19.7	22.2	24.6	27.1	29.6	29.6	29.6	29.6
72.5°	12.3	14.8	17.2	19.7	19.7	22.2	24.6	24.6	27.1	27.1	29.6
70°	12.3	14.8	17.2	17.2	19.7	19.7	22.2	24.6	24.6	27.1	27.1
67.5°	14.8	17.2	17.2	19.7	22.2	22.2	22.2	24.6	24.6	27.1	27.1
65°	17.2	19.7	19.7	22.2	24.6	24.6	27.1	27.1	27.1	29.6	29.6
62.5°	29.6	29.6	29.6	27.1	29.6	29.6	29.6	32.0	32.0	29.6	32.0
60°	152.8	110.9	76.4	96.1	86.2	39.4	39.4	39.4	37.0	37.0	34.5
57.5°	359.8	335.1	288.3	243.9	219.3	194.7	120.7	49.3	49.3	44.4	39.4
55°	601.2	519.9	485.4	426.3	362.2	332.7	276.0	187.3	88.7	59.1	51.7
52.5°	931.4	855.0	766.3	645.6	559.3	490.4	443.5	352.4	236.6	125.7	78.9
50°	1246.8	1212.3	1158.1	1039.8	860.0	744.2	667.8	564.3	423.8	258.7	147.8
47.5°	2008.2	1719.9	1545.0	1453.8	1303.5	1084.2	936.4	820.5	650.5	436.1	261.2
45°	2528.2	2345.8	2067.4	1875.2	1653.4	1421.8	1229.6	1096.5	894.5	653.0	409.0
42.5°	2974.2	2816.5	2565.1	2284.2	2050.1	1747.0	1500.6	1325.7	1155.7	892.0	611.1
40°	3548.3	3361.0	3119.5	2846.0	2572.5	2185.6	1786.5	1574.6	1387.3	1153.2	825.5
37.5°	4494.5	4164.3	3770.1	3467.0	3109.7	2782.0	2234.9	1860.4	1638.6	1394.7	1076.8
35°	5632.9	5270.7	4612.8	4211.1	3733.1	3245.2	2752.4	2198.0	1882.6	1623.8	1308.4
32.5°	6692.5	6162.7	5320.0	4849.3	4531.5	3632.1	3122.0	2641.5	2133.9	1816.0	1441.5
30°	6985.7	6401.7	5798.0	5248.5	4706.4	3979.5	3375.8	3001.3	2449.3	1931.8	1567.2
27.5°	6690.0	6288.4	5820.2	5310.1	4723.7	4100.2	3531.0	3173.7	2680.9	2010.7	1665.7
25°	6389.4	5970.5	5642.8	5216.5	4674.4	4092.8	3536.0	3282.2	2860.8	2163.5	1719.9
22.5°	6071.5	5810.3	5539.3	5063.7	4551.2	4115.0	3696.1	3375.8	2954.4	2336.0	1742.1
20°	6088.8	5918.7	5620.6	4984.8	4529.0	4245.6	3888.3	3494.1	3055.5	2486.3	1759.4
17.5°	6364.7	6143.0	5768.4	5216.5	4728.6	4378.7	4048.5	3656.7	3159.0	2619.3	1968.8
15°	6704.8	6367.2	5975.4	5490.0	4938.0	4524.1	4171.7	3770.1	3277.2	2742.5	2156.1
12.5°	6951.2	6470.7	6103.5	5664.9	5164.7	4681.8	4253.0	3856.3	3388.1	2843.6	2296.5
10°	7035.0	6598.8	6165.1	5773.4	5280.5	4765.5	4314.6	3910.5	3484.2	2922.4	2400.0
7.5°	7079.3	6709.7	6207.0	5822.6	5349.5	4817.3	4363.9	3940.1	3560.6	2976.6	2466.6
5°	7074.4	6768.8	6239.1	5837.4	5386.5	4839.5	4398.4	3947.5	3614.8	3023.4	2506.0
2.5°	7052.2	6808.3	6290.8	5862.1	5460.4	4881.4	4464.9	3962.3	3634.5	3075.2	2533.1
0°	7133.5	6810.7	6345.0	5869.5	5509.7	4896.1	4494.5	3949.9	3607.4	3090.0	2530.6
-2.5°	6958.6	6665.4	6332.7	5805.4	5443.2	4861.6	4440.3	3910.5	3548.3	3072.7	2520.8
-5°	6929.0	6559.4	6229.2	5746.3	5332.3	4790.2	4339.3	3836.6	3454.7	3016.0	2481.3
-7.5°	6850.2	6458.4	6128.2	5699.4	5228.8	4716.3	4243.2	3760.2	3353.6	2927.3	2424.7
-10°	6677.7	6303.1	6019.8	5598.4	5103.1	4610.3	4127.3	3659.2	3235.3	2806.6	2336.0
-12.5°	6431.3	6056.7	5775.8	5384.0	4945.4	4467.4	3989.4	3528.6	3099.8	2678.5	2230.0
-15°	6152.8	5773.4	5492.5	5135.2	4711.3	4245.6	3814.4	3363.5	2944.6	2542.9	2104.3
-17.5°	5837.4	5477.7	5206.6	4859.2	4437.8	3994.3	3565.5	3156.5	2764.7	2402.5	1958.9
-20°	5472.7	5122.8	4874.0	4526.5	4139.7	3708.5	3292.0	2905.2	2552.8	2212.8	1798.8

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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°	5021.8	4713.8	4430.4	4120.0	3782.4	3388.1	3001.3	2658.8	2321.2	1988.5	1633.7
-25°	4561.0	4262.9	3986.9	3703.5	3380.7	3040.7	2710.5	2400.0	2069.8	1769.2	1473.5
-27.5°	4048.5	3782.4	3536.0	3274.8	2979.1	2685.9	2414.8	2111.7	1825.9	1569.6	1315.8
-30°	3501.5	3284.6	3070.3	2838.6	2599.6	2353.2	2111.7	1825.9	1601.7	1397.1	1182.8
-32.5°	2976.6	2782.0	2609.5	2437.0	2230.0	2027.9	1813.6	1601.7	1414.4	1234.5	1054.6
-35°	2515.8	2308.9	2212.8	2074.8	1909.7	1727.3	1552.4	1404.5	1254.2	1091.6	931.4
-37.5°	2116.7	1983.6	1870.2	1766.8	1636.2	1478.5	1352.8	1232.0	1106.4	958.5	820.5
-40°	1803.7	1707.6	1594.3	1517.9	1411.9	1298.6	1172.9	1071.9	965.9	845.2	731.8
-42.5°	1552.4	1473.5	1399.6	1318.3	1239.4	1143.3	1034.9	938.8	842.7	754.0	660.4
-45°	1345.4	1288.7	1229.6	1163.0	1094.1	1010.3	921.6	823.0	754.0	675.2	596.3
-47.5°	1175.4	1133.5	1084.2	1032.5	973.3	899.4	818.1	746.6	675.2	608.6	532.2
-50°	1039.8	1000.4	961.0	916.6	864.9	800.8	739.2	672.7	606.2	542.1	470.6
-52.5°	926.5	892.0	860.0	823.0	773.7	719.5	662.8	603.7	542.1	478.0	421.4
-55°	847.6	808.2	776.2	739.2	694.9	643.1	591.4	537.2	478.0	428.8	381.9
-57.5°	783.6	739.2	702.3	662.8	618.5	574.1	527.3	478.0	433.7	386.9	342.5
-60°	729.4	677.6	635.7	596.3	554.4	512.5	473.1	431.2	389.3	347.4	303.1
-62.5°	672.7	618.5	566.7	529.8	497.7	460.8	426.3	386.9	349.9	308.0	276.0
-65°	608.6	556.9	507.6	475.6	446.0	414.0	381.9	347.4	315.4	283.4	253.8
-67.5°	537.2	492.8	458.3	428.8	399.2	372.1	342.5	312.9	285.8	253.8	224.2
-70°	450.9	426.3	406.6	384.4	357.3	332.7	305.5	278.4	248.9	221.8	194.7
-72.5°	384.4	369.6	354.8	332.7	308.0	285.8	263.7	239.0	214.4	189.7	167.6
-75°	315.4	303.1	290.8	276.0	256.3	239.0	219.3	197.1	177.4	160.2	142.9
-77.5°	253.8	243.9	236.6	224.2	209.4	194.7	182.3	167.6	152.8	135.5	118.3
-80°	202.1	197.1	194.7	189.7	177.4	165.1	155.2	142.9	128.1	115.8	103.5
-82.5°	157.7	157.7	155.2	152.8	142.9	133.1	125.7	115.8	106.0	96.1	83.8
-85°	115.8	113.3	113.3	110.9	103.5	98.6	91.2	86.2	78.9	69.0	64.1
-87.5°	69.0	66.5	64.1	61.6	56.7	54.2	49.3	46.8	41.9	37.0	34.5
-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: P722398

CATALOG NUMBER: IFLD-S-SA2E-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.4	4.9	4.9	4.9	4.9	4.9	2.5	2.5	2.5	2.5	2.5
82.5°	14.8	14.8	12.3	12.3	9.9	7.4	4.9	4.9	4.9	2.5	2.5
80°	22.2	22.2	22.2	19.7	17.2	12.3	9.9	7.4	4.9	2.5	2.5
77.5°	27.1	24.6	24.6	22.2	22.2	19.7	14.8	12.3	7.4	4.9	2.5
75°	27.1	27.1	27.1	24.6	24.6	22.2	19.7	14.8	12.3	7.4	4.9
72.5°	29.6	27.1	27.1	27.1	24.6	22.2	19.7	17.2	14.8	9.9	4.9
70°	27.1	27.1	27.1	27.1	24.6	24.6	19.7	17.2	17.2	9.9	7.4
67.5°	27.1	27.1	27.1	24.6	24.6	22.2	19.7	17.2	17.2	12.3	7.4
65°	29.6	27.1	27.1	27.1	24.6	22.2	19.7	17.2	17.2	14.8	9.9
62.5°	32.0	29.6	29.6	27.1	24.6	22.2	19.7	17.2	17.2	14.8	9.9
60°	34.5	32.0	29.6	29.6	27.1	24.6	19.7	19.7	17.2	14.8	9.9
57.5°	37.0	34.5	34.5	32.0	29.6	27.1	22.2	19.7	17.2	14.8	12.3
55°	44.4	39.4	37.0	37.0	34.5	29.6	24.6	19.7	17.2	14.8	12.3
52.5°	59.1	46.8	41.9	41.9	39.4	34.5	27.1	22.2	17.2	14.8	12.3
50°	93.6	59.1	49.3	44.4	44.4	39.4	32.0	24.6	17.2	14.8	12.3
47.5°	147.8	98.6	59.1	51.7	49.3	46.8	37.0	24.6	19.7	14.8	12.3
45°	243.9	145.4	96.1	61.6	51.7	49.3	41.9	27.1	19.7	17.2	12.3
42.5°	335.1	226.7	147.8	73.9	61.6	54.2	44.4	29.6	22.2	17.2	12.3
40°	527.3	310.5	207.0	120.7	71.5	56.7	49.3	34.5	22.2	17.2	12.3
37.5°	714.6	411.5	278.4	177.4	81.3	64.1	51.7	37.0	24.6	17.2	14.8
35°	901.9	576.6	345.0	236.6	108.4	76.4	54.2	39.4	24.6	17.2	14.8
32.5°	1069.4	731.8	414.0	295.7	162.6	91.2	59.1	41.9	27.1	19.7	14.8
30°	1207.4	874.8	537.2	347.4	211.9	110.9	64.1	41.9	29.6	19.7	14.8
27.5°	1310.9	985.6	662.8	401.6	253.8	130.6	73.9	46.8	29.6	19.7	14.8
25°	1394.7	1071.9	773.7	458.3	290.8	162.6	88.7	49.3	32.0	22.2	14.8
22.5°	1461.2	1143.3	864.9	534.7	335.1	194.7	108.4	54.2	32.0	22.2	14.8
20°	1552.4	1214.8	926.5	616.0	381.9	224.2	125.7	59.1	32.0	22.2	17.2
17.5°	1631.2	1286.3	975.8	685.0	428.8	246.4	145.4	64.1	34.5	22.2	17.2
15°	1722.4	1355.2	1020.1	739.2	473.1	266.1	162.6	69.0	34.5	24.6	17.2
12.5°	1821.0	1419.3	1052.2	783.6	519.9	283.4	177.4	78.9	37.0	24.6	17.2
10°	1922.0	1473.5	1079.3	815.6	554.4	300.6	187.3	88.7	39.4	24.6	17.2
7.5°	2023.0	1522.8	1113.8	830.4	569.2	320.3	192.2	98.6	39.4	27.1	17.2
5°	2092.0	1554.8	1163.0	840.3	576.6	342.5	199.6	110.9	41.9	27.1	17.2
2.5°	2151.1	1574.6	1214.8	847.6	579.1	354.8	197.1	118.3	44.4	27.1	17.2
0°	2178.3	1574.6	1249.3	842.7	571.7	367.1	197.1	125.7	44.4	27.1	17.2
-2.5°	2136.4	1618.9	1239.4	845.2	574.1	367.1	207.0	128.1	49.3	29.6	17.2
-5°	2069.8	1636.2	1209.9	832.9	569.2	367.1	219.3	130.6	51.7	29.6	19.7
-7.5°	2005.8	1643.5	1175.4	820.5	561.8	357.3	221.8	128.1	56.7	32.0	19.7
-10°	1922.0	1562.2	1131.0	798.4	547.0	349.9	226.7	128.1	59.1	32.0	19.7
-12.5°	1825.9	1463.7	1076.8	766.3	529.8	342.5	229.2	128.1	61.6	34.5	19.7
-15°	1715.0	1362.6	1015.2	731.8	505.1	332.7	224.2	125.7	64.1	34.5	22.2
-17.5°	1589.3	1264.1	951.1	689.9	478.0	320.3	214.4	123.2	64.1	34.5	22.2
-20°	1446.4	1165.5	879.7	648.1	446.0	305.5	204.5	118.3	64.1	34.5	22.2

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CATALOG NUMBER: IFLD-S-SA2E-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°	1318.3	1074.3	805.8	601.2	411.5	288.3	192.2	113.3	64.1	37.0	22.2
-25°	1212.3	985.6	749.1	554.4	374.5	268.6	179.9	108.4	64.1	37.0	22.2
-27.5°	1101.4	889.5	689.9	510.1	349.9	251.3	167.6	103.5	61.6	37.0	22.2
-30°	988.1	795.9	628.3	460.8	325.3	234.1	157.7	96.1	61.6	37.0	22.2
-32.5°	884.6	719.5	571.7	411.5	298.2	216.8	147.8	93.6	59.1	37.0	22.2
-35°	783.6	650.5	512.5	372.1	268.6	199.6	138.0	91.2	59.1	37.0	22.2
-37.5°	699.8	586.5	458.3	345.0	251.3	184.8	128.1	86.2	56.7	37.0	22.2
-40°	630.8	527.3	406.6	315.4	236.6	170.0	118.3	83.8	56.7	37.0	22.2
-42.5°	566.7	470.6	374.5	290.8	221.8	160.2	110.9	81.3	54.2	37.0	22.2
-45°	510.1	421.4	342.5	268.6	204.5	147.8	106.0	76.4	51.7	37.0	24.6
-47.5°	453.4	386.9	312.9	248.9	187.3	133.1	101.0	73.9	49.3	34.5	24.6
-50°	409.0	349.9	288.3	226.7	170.0	128.1	96.1	69.0	49.3	34.5	24.6
-52.5°	369.6	315.4	261.2	204.5	155.2	120.7	91.2	64.1	46.8	34.5	24.6
-55°	332.7	283.4	234.1	182.3	145.4	113.3	83.8	59.1	46.8	34.5	24.6
-57.5°	295.7	253.8	207.0	165.1	133.1	106.0	78.9	59.1	46.8	34.5	24.6
-60°	266.1	226.7	187.3	152.8	123.2	96.1	71.5	56.7	44.4	34.5	24.6
-62.5°	241.5	204.5	170.0	138.0	113.3	86.2	69.0	56.7	44.4	34.5	22.2
-65°	216.8	184.8	152.8	125.7	101.0	81.3	66.5	54.2	44.4	34.5	22.2
-67.5°	192.2	162.6	138.0	110.9	93.6	78.9	64.1	54.2	41.9	32.0	22.2
-70°	167.6	142.9	120.7	103.5	88.7	73.9	61.6	51.7	41.9	29.6	19.7
-72.5°	147.8	125.7	108.4	96.1	83.8	71.5	59.1	49.3	39.4	27.1	17.2
-75°	125.7	110.9	98.6	86.2	76.4	66.5	56.7	44.4	34.5	24.6	17.2
-77.5°	106.0	96.1	86.2	78.9	69.0	59.1	49.3	39.4	32.0	22.2	14.8
-80°	91.2	83.8	76.4	69.0	61.6	51.7	44.4	34.5	27.1	19.7	12.3
-82.5°	73.9	69.0	61.6	56.7	51.7	44.4	37.0	29.6	19.7	14.8	9.9
-85°	56.7	51.7	49.3	44.4	39.4	32.0	24.6	19.7	14.8	9.9	4.9
-87.5°	29.6	27.1	24.6	22.2	19.7	14.8	12.3	9.9	7.4	4.9	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

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CATALOG NUMBER: IFLD-S-SA2E-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°	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°	4.9	2.5	0.0	0.0
65°	4.9	2.5	0.0	0.0
62.5°	4.9	2.5	0.0	0.0
60°	4.9	2.5	0.0	0.0
57.5°	7.4	2.5	2.5	0.0
55°	7.4	2.5	2.5	0.0
52.5°	7.4	2.5	2.5	0.0
50°	7.4	4.9	2.5	0.0
47.5°	7.4	4.9	2.5	0.0
45°	7.4	4.9	2.5	0.0
42.5°	7.4	4.9	2.5	0.0
40°	9.9	4.9	2.5	0.0
37.5°	9.9	4.9	2.5	0.0
35°	9.9	4.9	2.5	0.0
32.5°	9.9	4.9	2.5	0.0
30°	9.9	4.9	2.5	0.0
27.5°	9.9	7.4	2.5	0.0
25°	9.9	7.4	2.5	0.0
22.5°	12.3	7.4	2.5	0.0
20°	12.3	7.4	2.5	0.0
17.5°	12.3	7.4	2.5	0.0
15°	12.3	7.4	2.5	0.0
12.5°	12.3	7.4	2.5	0.0
10°	12.3	7.4	2.5	0.0
7.5°	12.3	7.4	2.5	0.0
5°	12.3	7.4	2.5	0.0
2.5°	12.3	7.4	2.5	0.0
0°	12.3	7.4	2.5	0.0
-2.5°	12.3	7.4	2.5	0.0
-5°	12.3	7.4	2.5	0.0
-7.5°	12.3	7.4	2.5	0.0
-10°	12.3	7.4	2.5	0.0
-12.5°	14.8	7.4	2.5	0.0
-15°	14.8	7.4	2.5	0.0
-17.5°	14.8	7.4	2.5	0.0
-20°	14.8	7.4	2.5	0.0

REPORT NUMBER: P722398

CATALOG NUMBER: IFLD-S-SA2E-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.8	7.4	2.5	0.0
-25°	14.8	7.4	2.5	0.0
-27.5°	14.8	7.4	2.5	0.0
-30°	14.8	7.4	2.5	0.0
-32.5°	14.8	7.4	2.5	0.0
-35°	14.8	7.4	2.5	0.0
-37.5°	14.8	7.4	2.5	0.0
-40°	14.8	7.4	2.5	0.0
-42.5°	12.3	7.4	2.5	0.0
-45°	14.8	7.4	2.5	0.0
-47.5°	14.8	7.4	2.5	0.0
-50°	14.8	7.4	2.5	0.0
-52.5°	14.8	7.4	2.5	0.0
-55°	14.8	7.4	2.5	0.0
-57.5°	14.8	7.4	2.5	0.0
-60°	14.8	7.4	2.5	0.0
-62.5°	12.3	7.4	2.5	0.0
-65°	12.3	4.9	2.5	0.0
-67.5°	12.3	4.9	2.5	0.0
-70°	12.3	4.9	2.5	0.0
-72.5°	9.9	4.9	2.5	0.0
-75°	9.9	4.9	2.5	0.0
-77.5°	7.4	2.5	0.0	0.0
-80°	7.4	2.5	0.0	0.0
-82.5°	4.9	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)