

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: P722664

Luminaire Tested: **IFLD-S-SA3E-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722664
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

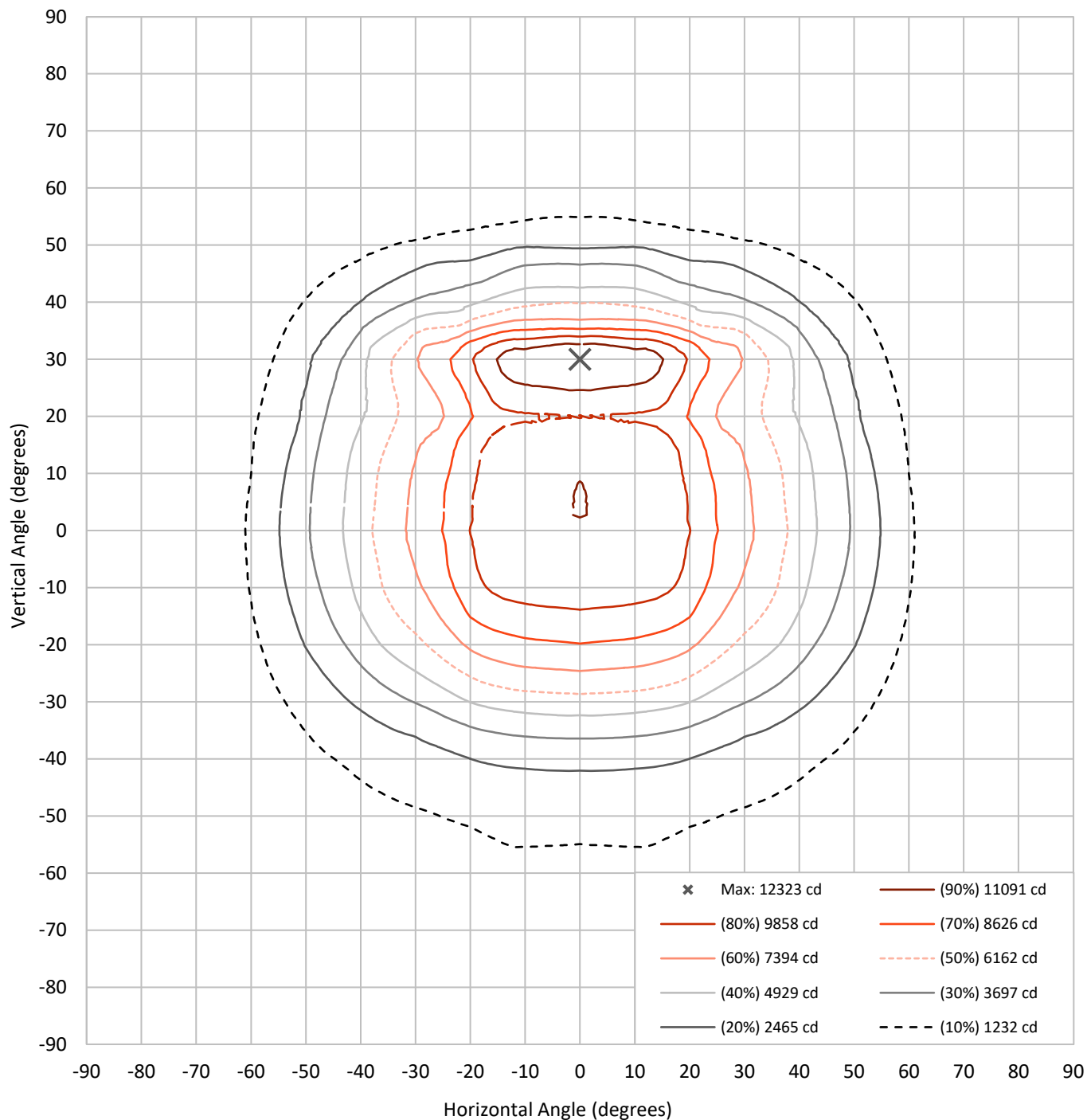
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17651.9 lumens	Max Intensity:	12323 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	76.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	11261.1 lumens	Field Lumens:	16641.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	232.1		
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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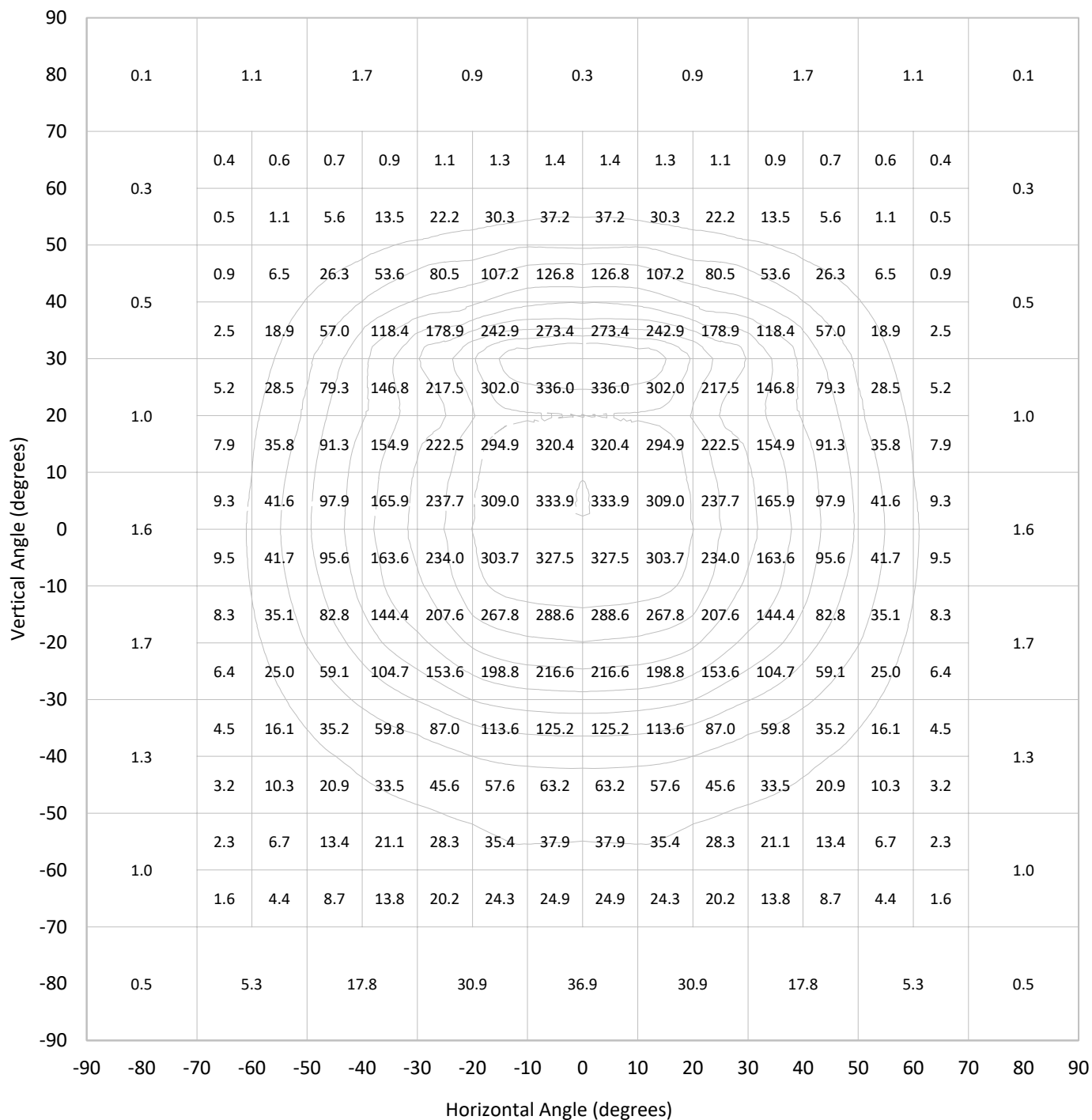
Iso-Candela Plot



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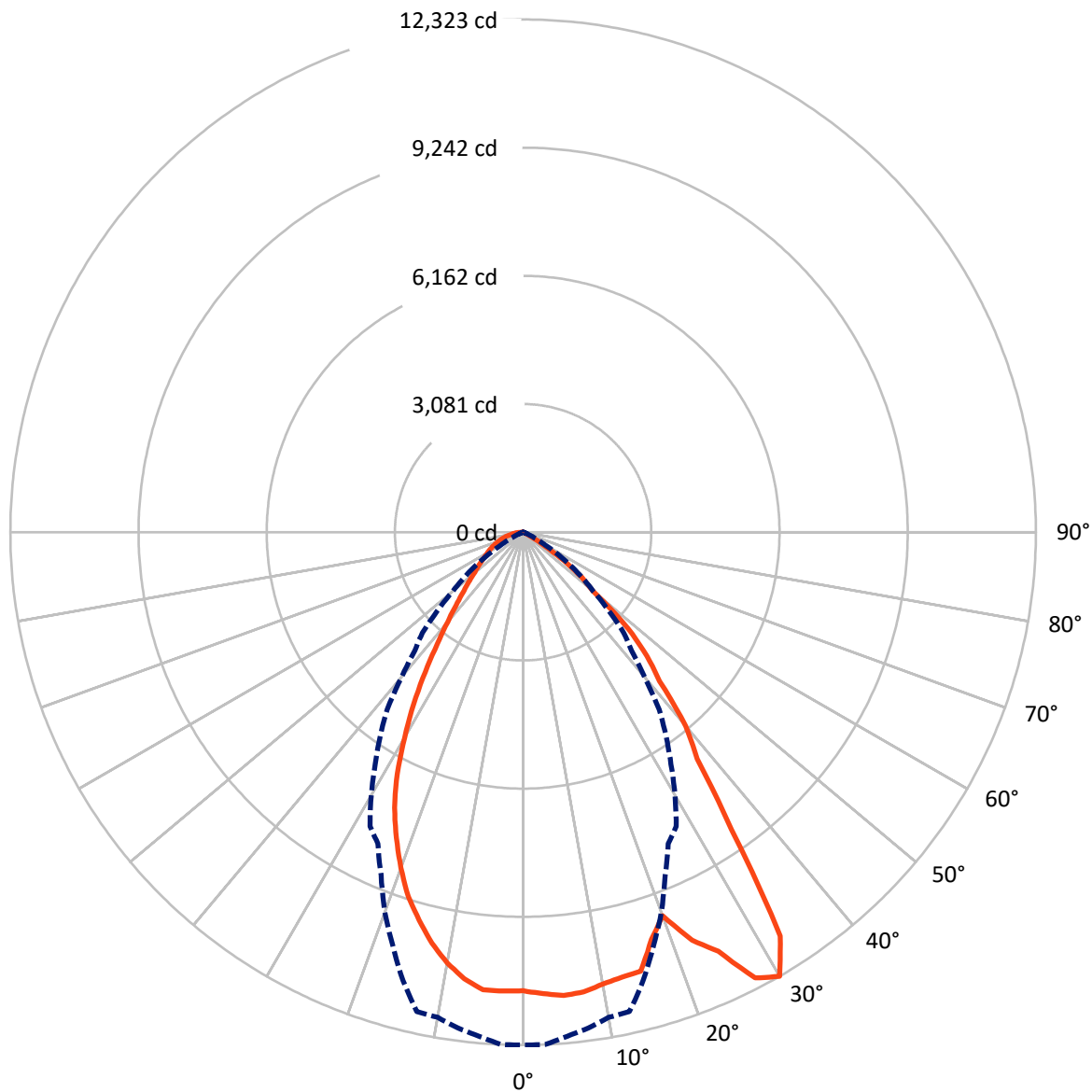
Lumen Table



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Luminous Intensity Polar Plot



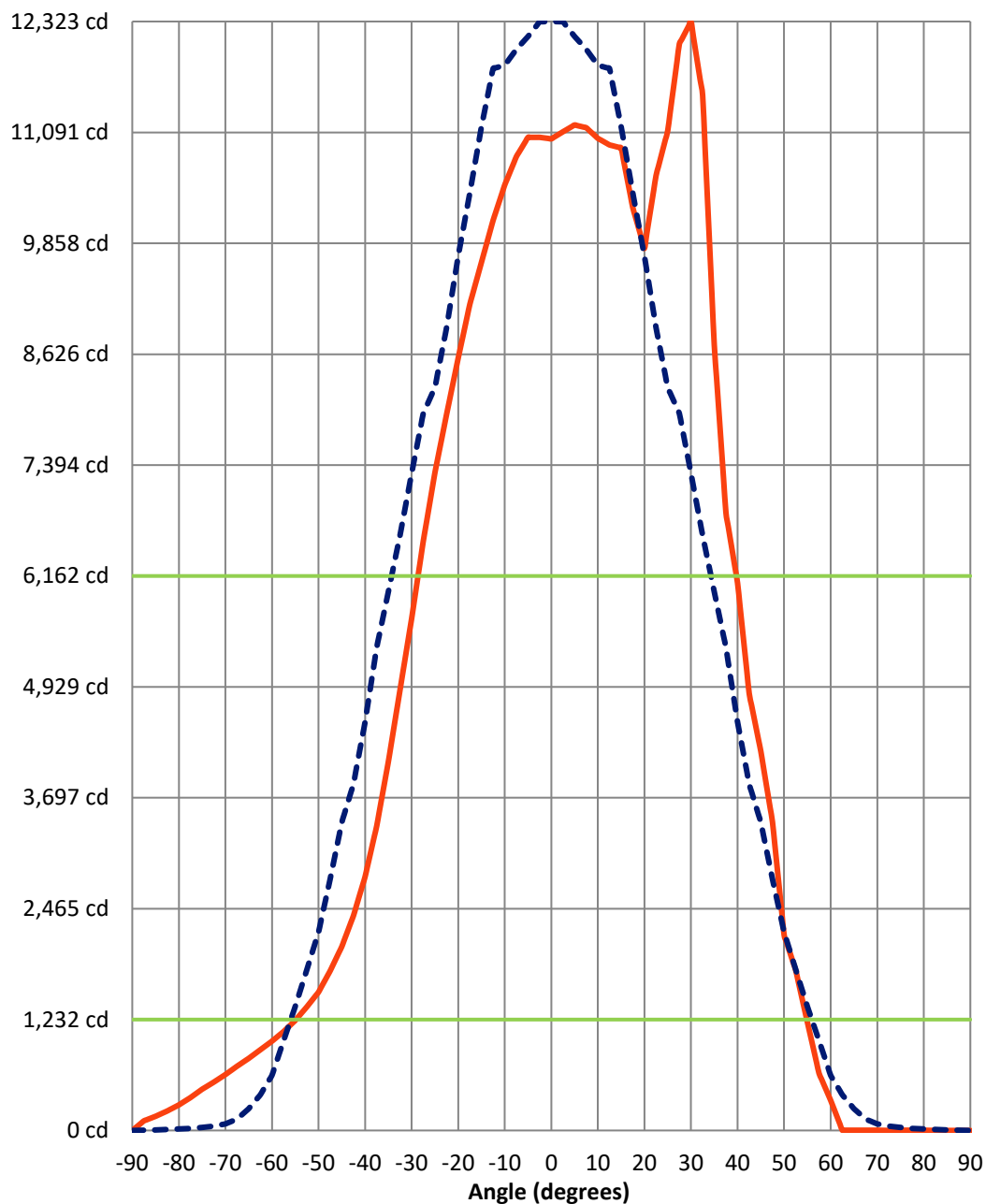
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11261.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16641.7

Efficiency: 94.3%

Spill:

Lumens: 1010.1

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	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	5.6	5.6	8.4
82.5°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.4	8.4	11.2
80°	2.8	2.8	2.8	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2
77.5°	2.8	2.8	2.8	5.6	5.6	5.6	8.4	8.4	11.2	11.2	14.1
75°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	8.4	11.2	11.2	14.1
72.5°	0.0	2.8	2.8	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
70°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	8.4	11.2	11.2	11.2
67.5°	2.8	2.8	2.8	5.6	5.6	8.4	8.4	11.2	11.2	11.2	14.1
65°	2.8	2.8	2.8	5.6	8.4	8.4	11.2	14.1	14.1	16.9	19.7
62.5°	2.8	5.6	5.6	8.4	11.2	14.1	30.9	47.8	47.8	33.7	28.1
60°	334.4	362.5	359.7	326.0	283.8	238.9	230.4	222.0	205.1	179.9	188.3
57.5°	635.1	668.8	682.9	674.5	652.0	612.6	590.2	564.9	531.1	491.8	446.8
55°	1202.8	1216.8	1185.9	1126.9	1062.3	997.6	975.2	941.4	890.9	840.3	772.8
52.5°	1778.9	1826.7	1812.6	1753.6	1666.5	1551.3	1424.8	1326.4	1267.4	1211.2	1143.8
50°	2172.3	2192.0	2231.3	2301.6	2326.9	2248.2	2043.1	1778.9	1590.6	1686.2	1613.1
47.5°	3428.5	3526.9	3507.2	3456.6	3372.3	3158.7	2872.1	2636.0	2439.3	2374.7	2385.9
45°	4212.6	4251.9	4237.9	4215.4	4176.0	3976.5	3659.0	3296.4	3113.8	3040.7	2964.8
42.5°	4856.1	4898.3	4906.7	4909.5	4867.4	4684.7	4398.0	4035.5	3852.9	3642.1	3476.3
40°	6084.2	6146.0	6075.8	5983.0	5842.5	5634.6	5353.5	5019.1	4695.9	4437.4	4240.7
37.5°	6868.3	6944.1	6972.2	6966.6	6935.7	6845.8	6500.1	6182.6	5688.0	5109.0	5213.0
35°	8728.6	8807.3	8784.9	8700.5	8655.6	8560.0	8222.8	7846.2	7225.2	6595.7	6427.1
32.5°	11502.4	11673.8	11353.4	11002.1	10785.8	10861.6	10518.8	9597.0	9310.4	8175.0	7649.5
30°	12323.0	12320.2	12157.2	12013.8	11836.8	11800.3	11153.9	10417.6	9715.0	8919.7	8256.5
27.5°	12072.8	12022.3	11884.6	11780.6	11614.8	11527.7	10895.4	10310.8	9498.7	8787.7	8146.9
25°	11108.9	11148.3	11007.8	10988.1	10923.5	10754.8	10440.1	9782.5	9057.4	8270.6	7809.7
22.5°	10611.5	10597.5	10428.9	10330.5	10409.2	10229.3	10102.9	9439.6	8683.7	8020.5	7466.8
20°	9802.2	9805.0	9762.8	9754.4	9706.6	9625.1	9523.9	9054.6	8520.7	7953.0	7287.0
17.5°	10254.6	10369.8	10420.4	10001.7	10119.7	10027.0	9920.2	9265.4	8863.5	8360.5	7492.1
15°	10917.8	10875.7	10825.1	10802.6	10738.0	10650.9	10457.0	9934.2	9242.9	8723.0	8045.8
12.5°	10951.6	10870.1	10850.4	10847.6	10780.1	10659.3	10471.0	10038.2	9425.6	8793.3	8242.5
10°	11024.6	10940.3	10929.1	10943.1	10839.1	10763.3	10575.0	10173.1	9481.8	8914.1	8394.2
7.5°	11142.7	11002.1	11066.8	11024.6	10976.9	10856.0	10653.7	10260.2	9686.9	9074.3	8529.1
5°	11173.6	11019.0	11089.3	11049.9	10979.7	10861.6	10642.4	10316.4	9813.4	9138.9	8582.5
2.5°	11097.7	11052.7	11021.8	10948.7	10917.8	10788.6	10580.6	10232.1	9754.4	9110.8	8571.3
0°	11019.0	11058.3	10988.1	10915.0	10901.0	10797.0	10619.9	10305.2	9892.1	9189.5	8666.8
-2.5°	11035.9	11005.0	10957.2	10881.3	10808.2	10659.3	10499.1	10204.0	9760.0	9018.1	8531.9
-5°	11035.9	10892.5	10898.2	10901.0	10827.9	10673.3	10479.4	10229.3	9681.3	9015.3	8492.6
-7.5°	10822.3	10698.6	10679.0	10662.1	10642.4	10499.1	10347.4	10035.4	9549.2	8942.2	8383.0
-10°	10507.5	10386.7	10397.9	10372.6	10310.8	10215.3	10100.1	9819.0	9420.0	8711.8	8161.0
-12.5°	10114.1	10060.7	10029.8	9987.6	9925.8	9841.5	9723.5	9459.3	9032.2	8428.0	7905.2
-15°	9647.6	9608.3	9580.2	9554.9	9464.9	9377.8	9223.3	8978.8	8711.8	8062.6	7528.7
-17.5°	9181.1	9082.7	9043.4	9009.7	8950.7	8810.1	8669.6	8487.0	8113.2	7598.9	7140.9
-20°	8582.5	8523.5	8475.7	8430.8	8346.5	8236.9	8121.6	7910.9	7587.7	7171.8	6696.8

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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°	7955.8	7922.1	7882.8	7826.6	7770.4	7666.4	7506.2	7303.8	7050.9	6601.3	6157.3
-25°	7309.5	7244.8	7197.1	7143.7	7098.7	7003.2	6848.6	6654.7	6337.1	5949.3	5578.4
-27.5°	6547.9	6486.1	6460.8	6398.9	6359.6	6272.5	6117.9	5938.1	5651.4	5325.4	4948.9
-30°	5688.0	5699.2	5671.1	5612.1	5564.3	5451.9	5333.9	5182.1	4957.3	4645.3	4308.1
-32.5°	4892.7	4906.7	4873.0	4811.2	4749.3	4667.8	4558.2	4420.5	4251.9	3954.0	3661.8
-35°	4097.3	4091.7	4063.6	4027.1	3984.9	3917.5	3793.8	3689.9	3496.0	3288.0	3085.7
-37.5°	3383.5	3397.6	3389.2	3369.5	3321.7	3265.5	3164.3	3068.8	2925.5	2742.8	2585.4
-40°	2818.7	2835.5	2824.3	2804.6	2762.5	2728.8	2661.3	2577.0	2461.8	2304.4	2172.3
-42.5°	2385.9	2397.1	2383.1	2366.2	2329.7	2304.4	2251.0	2180.8	2085.2	1964.4	1846.3
-45°	2043.1	2045.9	2031.8	2020.6	1992.5	1961.6	1916.6	1860.4	1784.5	1700.2	1604.7
-47.5°	1773.3	1770.5	1756.4	1745.2	1722.7	1694.6	1658.0	1607.5	1548.4	1483.8	1407.9
-50°	1537.2	1551.3	1545.6	1534.4	1517.5	1497.9	1461.3	1407.9	1348.9	1301.1	1247.8
-52.5°	1374.2	1377.0	1374.2	1374.2	1371.4	1357.4	1315.2	1261.8	1197.2	1155.0	1110.1
-55°	1222.5	1236.5	1242.1	1247.8	1250.6	1250.6	1200.0	1143.8	1081.9	1039.8	1006.1
-57.5°	1098.8	1107.2	1112.9	1126.9	1138.2	1146.6	1101.6	1051.0	1003.3	963.9	933.0
-60°	992.0	1003.3	1011.7	1025.7	1034.2	1039.8	1011.7	978.0	949.9	924.6	879.6
-62.5°	896.5	904.9	913.3	921.8	930.2	935.8	924.6	907.7	893.7	882.4	826.2
-65°	800.9	809.4	817.8	829.0	837.5	843.1	840.3	829.0	817.8	806.5	756.0
-67.5°	713.8	722.2	733.5	736.3	741.9	744.7	739.1	730.7	716.6	702.6	663.2
-70°	621.1	626.7	632.3	632.3	632.3	629.5	623.9	612.6	598.6	578.9	548.0
-72.5°	536.8	542.4	548.0	539.6	533.9	525.5	517.1	503.0	489.0	474.9	458.1
-75°	458.1	460.9	460.9	449.6	441.2	432.8	421.5	413.1	399.1	387.8	373.8
-77.5°	365.3	365.3	365.3	356.9	351.3	345.7	337.2	328.8	317.6	309.1	297.9
-80°	283.8	283.8	283.8	281.0	272.6	267.0	261.4	255.7	247.3	241.7	236.1
-82.5°	216.4	216.4	216.4	213.6	208.0	205.1	199.5	193.9	191.1	185.5	182.7
-85°	157.4	160.2	160.2	157.4	154.6	148.9	146.1	143.3	140.5	137.7	132.1
-87.5°	106.8	106.8	106.8	104.0	101.2	101.2	98.4	92.7	87.1	84.3	81.5
-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	8.4	8.4	8.4	11.2	11.2	11.2	11.2	11.2	11.2	11.2	8.4
82.5°	14.1	14.1	16.9	16.9	19.7	19.7	19.7	19.7	19.7	19.7	19.7
80°	14.1	16.9	19.7	22.5	25.3	28.1	28.1	28.1	28.1	25.3	25.3
77.5°	16.9	16.9	19.7	22.5	25.3	28.1	30.9	33.7	30.9	30.9	30.9
75°	16.9	19.7	19.7	22.5	25.3	28.1	30.9	33.7	33.7	33.7	33.7
72.5°	14.1	16.9	19.7	22.5	22.5	25.3	28.1	28.1	30.9	30.9	33.7
70°	14.1	16.9	19.7	19.7	22.5	22.5	25.3	28.1	28.1	30.9	30.9
67.5°	16.9	19.7	19.7	22.5	25.3	25.3	25.3	28.1	28.1	30.9	30.9
65°	19.7	22.5	22.5	25.3	28.1	28.1	30.9	30.9	30.9	33.7	33.7
62.5°	33.7	33.7	33.7	30.9	33.7	33.7	33.7	36.5	36.5	33.7	36.5
60°	174.2	126.5	87.1	109.6	98.4	45.0	45.0	45.0	42.2	42.2	39.3
57.5°	410.3	382.2	328.8	278.2	250.1	222.0	137.7	56.2	56.2	50.6	45.0
55°	685.7	593.0	553.6	486.2	413.1	379.4	314.7	213.6	101.2	67.4	59.0
52.5°	1062.3	975.2	874.0	736.3	637.9	559.2	505.8	401.9	269.8	143.3	89.9
50°	1422.0	1382.6	1320.8	1185.9	980.8	848.7	761.6	643.5	483.4	295.1	168.6
47.5°	2290.4	1961.6	1762.0	1658.0	1486.6	1236.5	1067.9	935.8	741.9	497.4	297.9
45°	2883.3	2675.4	2357.8	2138.6	1885.7	1621.5	1402.3	1250.6	1020.1	744.7	466.5
42.5°	3392.0	3212.1	2925.5	2605.1	2338.1	1992.5	1711.4	1511.9	1318.0	1017.3	696.9
40°	4046.8	3833.2	3557.8	3245.8	2933.9	2492.7	2037.4	1795.8	1582.2	1315.2	941.4
37.5°	5125.9	4749.3	4299.7	3954.0	3546.5	3172.8	2548.9	2121.7	1868.8	1590.6	1228.1
35°	6424.2	6011.1	5260.8	4802.7	4257.5	3701.1	3139.1	2506.7	2147.0	1852.0	1492.2
32.5°	7632.6	7028.4	6067.3	5530.6	5168.1	4142.3	3560.6	3012.6	2433.7	2071.2	1644.0
30°	7967.1	7301.0	6612.5	5985.8	5367.6	4538.6	3850.0	3422.9	2793.4	2203.2	1787.3
27.5°	7629.8	7171.8	6637.8	6056.1	5387.3	4676.3	4027.1	3619.6	3057.6	2293.2	1899.7
25°	7287.0	6809.2	6435.5	5949.3	5331.1	4667.8	4032.7	3743.3	3262.7	2467.4	1961.6
22.5°	6924.5	6626.6	6317.5	5775.1	5190.5	4693.1	4215.4	3850.0	3369.5	2664.1	1986.8
20°	6944.1	6750.2	6410.2	5685.1	5165.2	4842.1	4434.6	3984.9	3484.7	2835.5	2006.5
17.5°	7258.9	7006.0	6578.8	5949.3	5392.9	4993.8	4617.2	4170.4	3602.7	2987.3	2245.4
15°	7646.7	7261.7	6814.9	6261.2	5631.7	5159.6	4757.8	4299.7	3737.6	3127.8	2459.0
12.5°	7927.7	7379.7	6961.0	6460.8	5890.3	5339.5	4850.5	4398.0	3864.1	3243.0	2619.2
10°	8023.3	7525.9	7031.3	6584.4	6022.4	5435.0	4920.8	4459.9	3973.7	3333.0	2737.2
7.5°	8073.9	7652.3	7079.0	6640.6	6101.1	5494.0	4977.0	4493.6	4060.8	3394.8	2813.1
5°	8068.2	7719.8	7115.6	6657.5	6143.2	5519.3	5016.3	4502.0	4122.6	3448.2	2858.0
2.5°	8042.9	7764.7	7174.6	6685.6	6227.5	5567.1	5092.2	4518.9	4145.1	3507.2	2888.9
0°	8135.7	7767.5	7236.4	6694.0	6283.7	5584.0	5125.9	4504.8	4114.2	3524.1	2886.1
-2.5°	7936.2	7601.7	7222.4	6621.0	6207.9	5544.6	5064.1	4459.9	4046.8	3504.4	2874.9
-5°	7902.4	7480.9	7104.3	6553.5	6081.4	5463.1	4948.9	4375.6	3940.0	3439.8	2829.9
-7.5°	7812.5	7365.7	6989.1	6500.1	5963.4	5378.8	4839.3	4288.4	3824.8	3338.6	2765.3
-10°	7615.8	7188.6	6865.4	6384.9	5820.0	5258.0	4707.2	4173.2	3689.9	3200.9	2664.1
-12.5°	7334.8	6907.6	6587.2	6140.4	5640.2	5095.0	4549.8	4024.3	3535.3	3054.7	2543.3
-15°	7017.2	6584.4	6264.1	5856.6	5373.2	4842.1	4350.3	3836.0	3358.3	2900.2	2400.0
-17.5°	6657.5	6247.2	5938.1	5541.8	5061.3	4555.4	4066.4	3599.9	3153.1	2740.0	2234.2
-20°	6241.6	5842.5	5558.7	5162.4	4721.2	4229.4	3754.5	3313.3	2911.4	2523.6	2051.5

REPORT NUMBER: P722664

CATALOG NUMBER: IFLD-S-SA3E-930-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°	5727.3	5376.0	5052.8	4698.7	4313.7	3864.1	3422.9	3032.3	2647.3	2267.9	1863.2
-25°	5201.8	4861.7	4547.0	4223.8	3855.7	3467.9	3091.3	2737.2	2360.6	2017.8	1680.5
-27.5°	4617.2	4313.7	4032.7	3734.8	3397.6	3063.2	2754.0	2408.4	2082.4	1790.1	1500.7
-30°	3993.4	3746.1	3501.6	3237.4	2964.8	2683.8	2408.4	2082.4	1826.7	1593.4	1348.9
-32.5°	3394.8	3172.8	2976.1	2779.3	2543.3	2312.8	2068.3	1826.7	1613.1	1407.9	1202.8
-35°	2869.3	2633.2	2523.6	2366.2	2177.9	1970.0	1770.5	1601.8	1430.4	1244.9	1062.3
-37.5°	2414.0	2262.3	2133.0	2015.0	1866.0	1686.2	1542.8	1405.1	1261.8	1093.2	935.8
-40°	2057.1	1947.5	1818.2	1731.1	1610.3	1481.0	1337.7	1222.5	1101.6	963.9	834.6
-42.5°	1770.5	1680.5	1596.2	1503.5	1413.6	1304.0	1180.3	1070.7	961.1	859.9	753.1
-45°	1534.4	1469.8	1402.3	1326.4	1247.8	1152.2	1051.0	938.6	859.9	770.0	680.1
-47.5°	1340.5	1292.7	1236.5	1177.5	1110.1	1025.7	933.0	851.5	770.0	694.1	607.0
-50°	1185.9	1141.0	1096.0	1045.4	986.4	913.3	843.1	767.2	691.3	618.3	536.8
-52.5°	1056.7	1017.3	980.8	938.6	882.4	820.6	756.0	688.5	618.3	545.2	480.6
-55°	966.7	921.8	885.2	843.1	792.5	733.5	674.5	612.6	545.2	489.0	435.6
-57.5°	893.7	843.1	800.9	756.0	705.4	654.8	601.4	545.2	494.6	441.2	390.6
-60°	831.8	772.8	725.0	680.1	632.3	584.5	539.6	491.8	444.0	396.2	345.7
-62.5°	767.2	705.4	646.4	604.2	567.7	525.5	486.2	441.2	399.1	351.3	314.7
-65°	694.1	635.1	578.9	542.4	508.7	472.1	435.6	396.2	359.7	323.2	289.5
-67.5°	612.6	562.1	522.7	489.0	455.3	424.3	390.6	356.9	326.0	289.5	255.7
-70°	514.3	486.2	463.7	438.4	407.5	379.4	348.5	317.6	283.8	252.9	222.0
-72.5°	438.4	421.5	404.7	379.4	351.3	326.0	300.7	272.6	244.5	216.4	191.1
-75°	359.7	345.7	331.6	314.7	292.3	272.6	250.1	224.8	202.3	182.7	163.0
-77.5°	289.5	278.2	269.8	255.7	238.9	222.0	208.0	191.1	174.2	154.6	134.9
-80°	230.4	224.8	222.0	216.4	202.3	188.3	177.0	163.0	146.1	132.1	118.0
-82.5°	179.9	179.9	177.0	174.2	163.0	151.8	143.3	132.1	120.8	109.6	95.5
-85°	132.1	129.3	129.3	126.5	118.0	112.4	104.0	98.4	89.9	78.7	73.1
-87.5°	78.7	75.9	73.1	70.3	64.6	61.8	56.2	53.4	47.8	42.2	39.3
-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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CATALOG NUMBER: IFLD-S-SA3E-930-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	8.4	5.6	5.6	5.6	5.6	5.6	2.8	2.8	2.8	2.8	2.8
82.5°	16.9	16.9	14.1	14.1	11.2	8.4	5.6	5.6	5.6	2.8	2.8
80°	25.3	25.3	25.3	22.5	19.7	14.1	11.2	8.4	5.6	2.8	2.8
77.5°	30.9	28.1	28.1	25.3	25.3	22.5	16.9	14.1	8.4	5.6	2.8
75°	30.9	30.9	30.9	28.1	28.1	25.3	22.5	16.9	14.1	8.4	5.6
72.5°	33.7	30.9	30.9	30.9	28.1	25.3	22.5	19.7	16.9	11.2	5.6
70°	30.9	30.9	30.9	30.9	28.1	28.1	22.5	19.7	19.7	11.2	8.4
67.5°	30.9	30.9	30.9	28.1	28.1	25.3	22.5	19.7	19.7	14.1	8.4
65°	33.7	30.9	30.9	30.9	28.1	25.3	22.5	19.7	19.7	16.9	11.2
62.5°	36.5	33.7	33.7	30.9	28.1	25.3	22.5	19.7	19.7	16.9	11.2
60°	39.3	36.5	33.7	33.7	30.9	28.1	22.5	22.5	19.7	16.9	11.2
57.5°	42.2	39.3	39.3	36.5	33.7	30.9	25.3	22.5	19.7	16.9	14.1
55°	50.6	45.0	42.2	42.2	39.3	33.7	28.1	22.5	19.7	16.9	14.1
52.5°	67.4	53.4	47.8	47.8	45.0	39.3	30.9	25.3	19.7	16.9	14.1
50°	106.8	67.4	56.2	50.6	50.6	45.0	36.5	28.1	19.7	16.9	14.1
47.5°	168.6	112.4	67.4	59.0	56.2	53.4	42.2	28.1	22.5	16.9	14.1
45°	278.2	165.8	109.6	70.3	59.0	56.2	47.8	30.9	22.5	19.7	14.1
42.5°	382.2	258.5	168.6	84.3	70.3	61.8	50.6	33.7	25.3	19.7	14.1
40°	601.4	354.1	236.1	137.7	81.5	64.6	56.2	39.3	25.3	19.7	14.1
37.5°	815.0	469.3	317.6	202.3	92.7	73.1	59.0	42.2	28.1	19.7	16.9
35°	1028.6	657.6	393.4	269.8	123.7	87.1	61.8	45.0	28.1	19.7	16.9
32.5°	1219.7	834.6	472.1	337.2	185.5	104.0	67.4	47.8	30.9	22.5	16.9
30°	1377.0	997.6	612.6	396.2	241.7	126.5	73.1	47.8	33.7	22.5	16.9
27.5°	1495.1	1124.1	756.0	458.1	289.5	148.9	84.3	53.4	33.7	22.5	16.9
25°	1590.6	1222.5	882.4	522.7	331.6	185.5	101.2	56.2	36.5	25.3	16.9
22.5°	1666.5	1304.0	986.4	609.8	382.2	222.0	123.7	61.8	36.5	25.3	16.9
20°	1770.5	1385.5	1056.7	702.6	435.6	255.7	143.3	67.4	36.5	25.3	19.7
17.5°	1860.4	1467.0	1112.9	781.3	489.0	281.0	165.8	73.1	39.3	25.3	19.7
15°	1964.4	1545.6	1163.4	843.1	539.6	303.5	185.5	78.7	39.3	28.1	19.7
12.5°	2076.8	1618.7	1200.0	893.7	593.0	323.2	202.3	89.9	42.2	28.1	19.7
10°	2192.0	1680.5	1230.9	930.2	632.3	342.9	213.6	101.2	45.0	28.1	19.7
7.5°	2307.2	1736.7	1270.2	947.1	649.2	365.3	219.2	112.4	45.0	30.9	19.7
5°	2385.9	1773.3	1326.4	958.3	657.6	390.6	227.6	126.5	47.8	30.9	19.7
2.5°	2453.4	1795.8	1385.5	966.7	660.4	404.7	224.8	134.9	50.6	30.9	19.7
0°	2484.3	1795.8	1424.8	961.1	652.0	418.7	224.8	143.3	50.6	30.9	19.7
-2.5°	2436.5	1846.3	1413.6	963.9	654.8	418.7	236.1	146.1	56.2	33.7	19.7
-5°	2360.6	1866.0	1379.8	949.9	649.2	418.7	250.1	148.9	59.0	33.7	22.5
-7.5°	2287.5	1874.4	1340.5	935.8	640.7	407.5	252.9	146.1	64.6	36.5	22.5
-10°	2192.0	1781.7	1289.9	910.5	623.9	399.1	258.5	146.1	67.4	36.5	22.5
-12.5°	2082.4	1669.3	1228.1	874.0	604.2	390.6	261.4	146.1	70.3	39.3	22.5
-15°	1955.9	1554.1	1157.8	834.6	576.1	379.4	255.7	143.3	73.1	39.3	25.3
-17.5°	1812.6	1441.7	1084.8	786.9	545.2	365.3	244.5	140.5	73.1	39.3	25.3
-20°	1649.6	1329.2	1003.3	739.1	508.7	348.5	233.3	134.9	73.1	39.3	25.3



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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°	1503.5	1225.3	919.0	685.7	469.3	328.8	219.2	129.3	73.1	42.2	25.3
-25°	1382.6	1124.1	854.3	632.3	427.2	306.3	205.1	123.7	73.1	42.2	25.3
-27.5°	1256.2	1014.5	786.9	581.7	399.1	286.6	191.1	118.0	70.3	42.2	25.3
-30°	1126.9	907.7	716.6	525.5	371.0	267.0	179.9	109.6	70.3	42.2	25.3
-32.5°	1008.9	820.6	652.0	469.3	340.0	247.3	168.6	106.8	67.4	42.2	25.3
-35°	893.7	741.9	584.5	424.3	306.3	227.6	157.4	104.0	67.4	42.2	25.3
-37.5°	798.1	668.8	522.7	393.4	286.6	210.8	146.1	98.4	64.6	42.2	25.3
-40°	719.4	601.4	463.7	359.7	269.8	193.9	134.9	95.5	64.6	42.2	25.3
-42.5°	646.4	536.8	427.2	331.6	252.9	182.7	126.5	92.7	61.8	42.2	25.3
-45°	581.7	480.6	390.6	306.3	233.3	168.6	120.8	87.1	59.0	42.2	28.1
-47.5°	517.1	441.2	356.9	283.8	213.6	151.8	115.2	84.3	56.2	39.3	28.1
-50°	466.5	399.1	328.8	258.5	193.9	146.1	109.6	78.7	56.2	39.3	28.1
-52.5°	421.5	359.7	297.9	233.3	177.0	137.7	104.0	73.1	53.4	39.3	28.1
-55°	379.4	323.2	267.0	208.0	165.8	129.3	95.5	67.4	53.4	39.3	28.1
-57.5°	337.2	289.5	236.1	188.3	151.8	120.8	89.9	67.4	53.4	39.3	28.1
-60°	303.5	258.5	213.6	174.2	140.5	109.6	81.5	64.6	50.6	39.3	28.1
-62.5°	275.4	233.3	193.9	157.4	129.3	98.4	78.7	64.6	50.6	39.3	25.3
-65°	247.3	210.8	174.2	143.3	115.2	92.7	75.9	61.8	50.6	39.3	25.3
-67.5°	219.2	185.5	157.4	126.5	106.8	89.9	73.1	61.8	47.8	36.5	25.3
-70°	191.1	163.0	137.7	118.0	101.2	84.3	70.3	59.0	47.8	33.7	22.5
-72.5°	168.6	143.3	123.7	109.6	95.5	81.5	67.4	56.2	45.0	30.9	19.7
-75°	143.3	126.5	112.4	98.4	87.1	75.9	64.6	50.6	39.3	28.1	19.7
-77.5°	120.8	109.6	98.4	89.9	78.7	67.4	56.2	45.0	36.5	25.3	16.9
-80°	104.0	95.5	87.1	78.7	70.3	59.0	50.6	39.3	30.9	22.5	14.1
-82.5°	84.3	78.7	70.3	64.6	59.0	50.6	42.2	33.7	22.5	16.9	11.2
-85°	64.6	59.0	56.2	50.6	45.0	36.5	28.1	22.5	16.9	11.2	5.6
-87.5°	33.7	30.9	28.1	25.3	22.5	16.9	14.1	11.2	8.4	5.6	2.8
-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-SA3E-930-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	5.6	2.8	0.0	0.0
65°	5.6	2.8	0.0	0.0
62.5°	5.6	2.8	0.0	0.0
60°	5.6	2.8	0.0	0.0
57.5°	8.4	2.8	2.8	0.0
55°	8.4	2.8	2.8	0.0
52.5°	8.4	2.8	2.8	0.0
50°	8.4	5.6	2.8	0.0
47.5°	8.4	5.6	2.8	0.0
45°	8.4	5.6	2.8	0.0
42.5°	8.4	5.6	2.8	0.0
40°	11.2	5.6	2.8	0.0
37.5°	11.2	5.6	2.8	0.0
35°	11.2	5.6	2.8	0.0
32.5°	11.2	5.6	2.8	0.0
30°	11.2	5.6	2.8	0.0
27.5°	11.2	8.4	2.8	0.0
25°	11.2	8.4	2.8	0.0
22.5°	14.1	8.4	2.8	0.0
20°	14.1	8.4	2.8	0.0
17.5°	14.1	8.4	2.8	0.0
15°	14.1	8.4	2.8	0.0
12.5°	14.1	8.4	2.8	0.0
10°	14.1	8.4	2.8	0.0
7.5°	14.1	8.4	2.8	0.0
5°	14.1	8.4	2.8	0.0
2.5°	14.1	8.4	2.8	0.0
0°	14.1	8.4	2.8	0.0
-2.5°	14.1	8.4	2.8	0.0
-5°	14.1	8.4	2.8	0.0
-7.5°	14.1	8.4	2.8	0.0
-10°	14.1	8.4	2.8	0.0
-12.5°	16.9	8.4	2.8	0.0
-15°	16.9	8.4	2.8	0.0
-17.5°	16.9	8.4	2.8	0.0
-20°	16.9	8.4	2.8	0.0

REPORT NUMBER: P722664

CATALOG NUMBER: IFLD-S-SA3E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.9	8.4	2.8	0.0
-25°	16.9	8.4	2.8	0.0
-27.5°	16.9	8.4	2.8	0.0
-30°	16.9	8.4	2.8	0.0
-32.5°	16.9	8.4	2.8	0.0
-35°	16.9	8.4	2.8	0.0
-37.5°	16.9	8.4	2.8	0.0
-40°	16.9	8.4	2.8	0.0
-42.5°	14.1	8.4	2.8	0.0
-45°	16.9	8.4	2.8	0.0
-47.5°	16.9	8.4	2.8	0.0
-50°	16.9	8.4	2.8	0.0
-52.5°	16.9	8.4	2.8	0.0
-55°	16.9	8.4	2.8	0.0
-57.5°	16.9	8.4	2.8	0.0
-60°	16.9	8.4	2.8	0.0
-62.5°	14.1	8.4	2.8	0.0
-65°	14.1	5.6	2.8	0.0
-67.5°	14.1	5.6	2.8	0.0
-70°	14.1	5.6	2.8	0.0
-72.5°	11.2	5.6	2.8	0.0
-75°	11.2	5.6	2.8	0.0
-77.5°	8.4	2.8	0.0	0.0
-80°	8.4	2.8	0.0	0.0
-82.5°	5.6	2.8	0.0	0.0
-85°	2.8	2.8	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)