

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: P722432

Luminaire Tested: **IFLD-S-SA3E-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722432
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25115.3 lumens	Max Intensity:	17533.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.2 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:	16022.5 lumens	Field Lumens:	23678.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

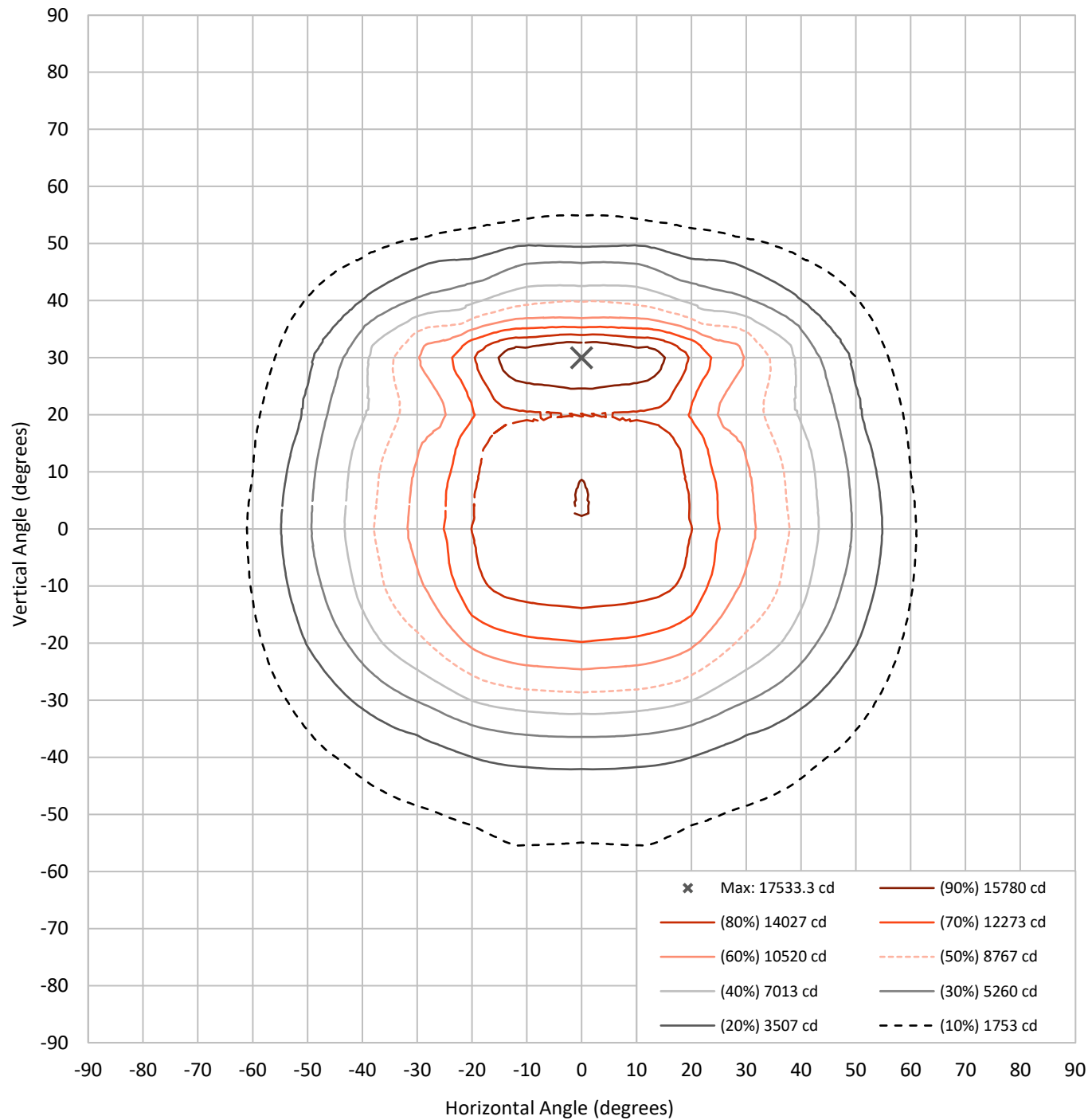
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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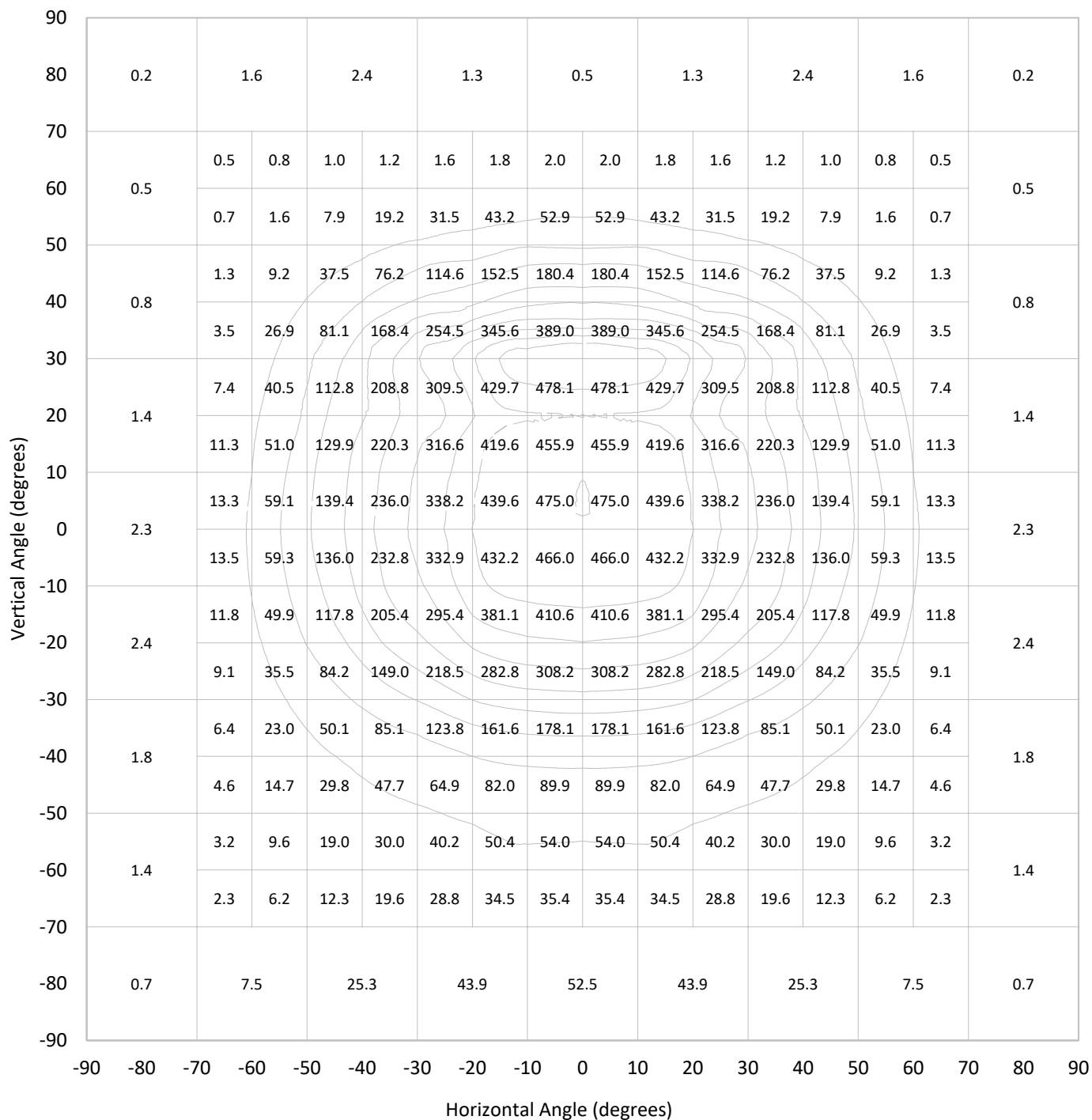
Iso-Candela Plot



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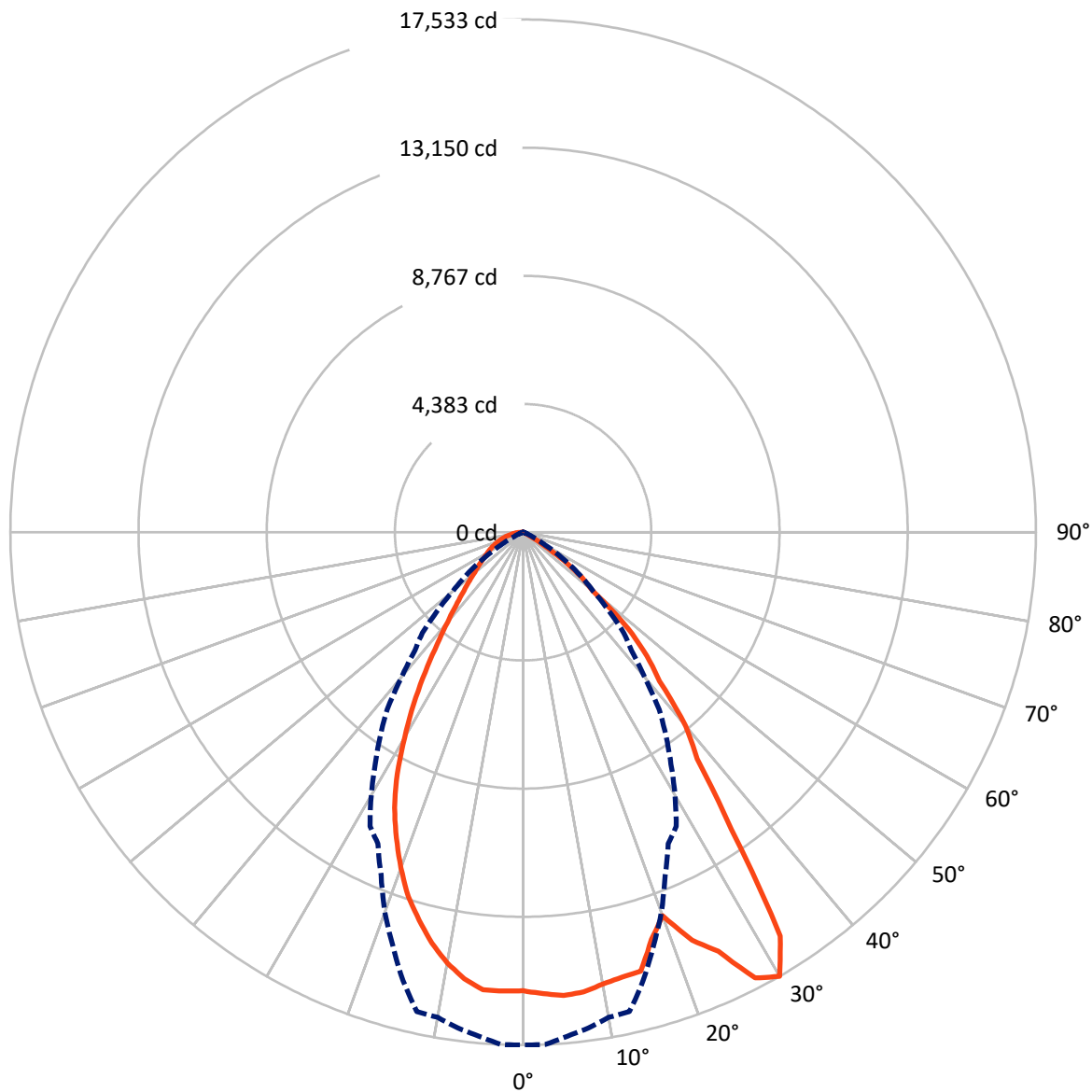
Lumen Table



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Luminous Intensity Polar Plot



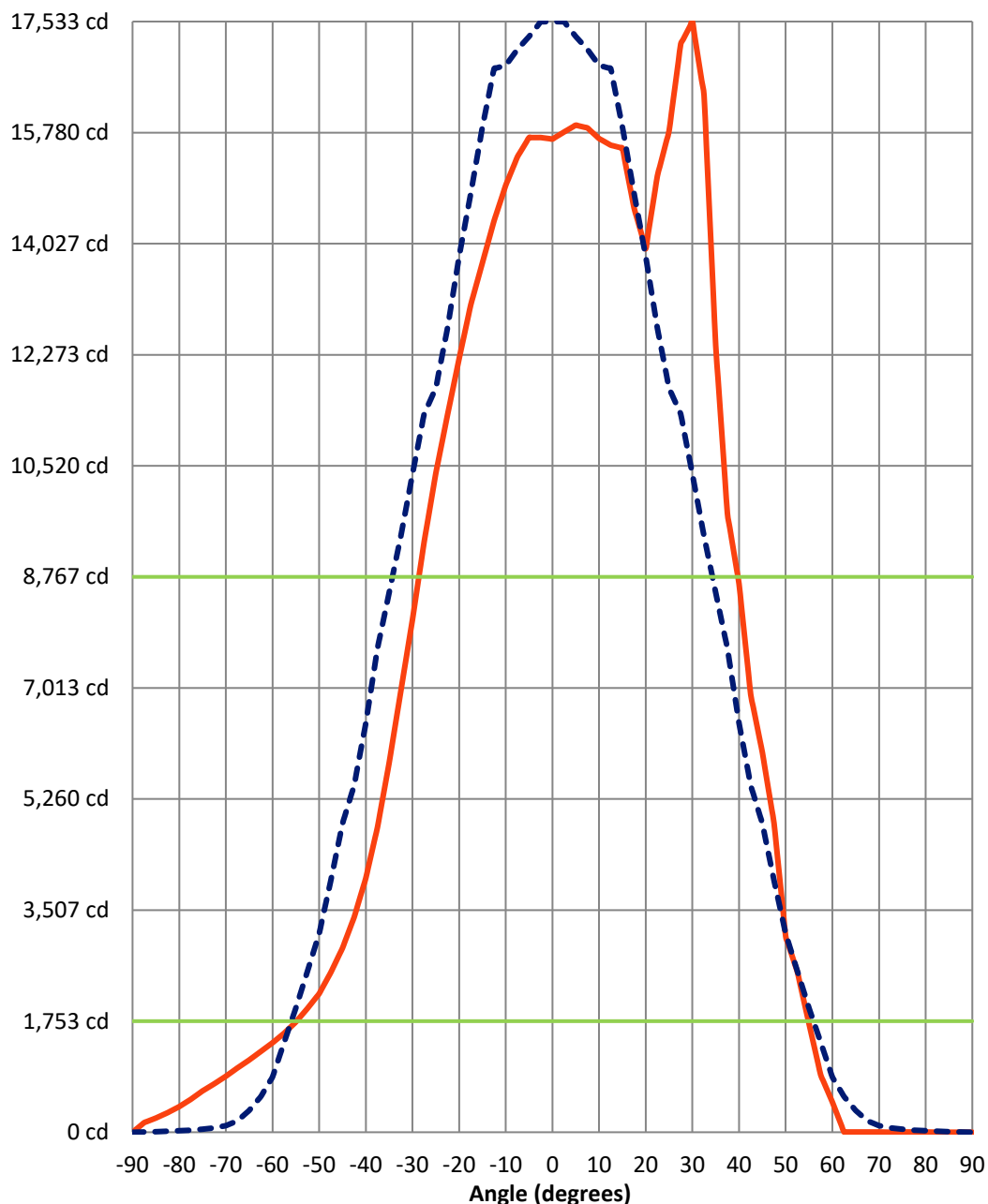
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 16022.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 23678.1

Efficiency: 94.3%

Spill:

Lumens: 1437.2

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	8.0	8.0	12.0
82.5°	0.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	12.0	12.0	16.0
80°	4.0	4.0	4.0	4.0	8.0	8.0	8.0	12.0	12.0	16.0	16.0
77.5°	4.0	4.0	4.0	8.0	8.0	8.0	12.0	12.0	16.0	16.0	20.0
75°	4.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0	16.0	16.0	20.0
72.5°	0.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0	16.0	16.0	16.0
70°	4.0	4.0	4.0	8.0	8.0	12.0	12.0	12.0	16.0	16.0	16.0
67.5°	4.0	4.0	4.0	8.0	8.0	12.0	12.0	16.0	16.0	16.0	20.0
65°	4.0	4.0	4.0	8.0	12.0	12.0	16.0	20.0	20.0	24.0	28.0
62.5°	4.0	8.0	8.0	12.0	16.0	20.0	44.0	68.0	68.0	48.0	40.0
60°	475.8	515.8	511.8	463.8	403.8	339.9	327.9	315.9	291.9	255.9	267.9
57.5°	903.7	951.6	971.6	959.6	927.6	871.7	839.7	803.7	755.7	699.7	635.8
55°	1711.3	1731.3	1687.4	1603.4	1511.4	1419.5	1387.5	1339.5	1267.5	1195.5	1099.6
52.5°	2531.0	2599.0	2579.0	2495.0	2371.1	2207.2	2027.2	1887.3	1803.3	1723.3	1627.4
50°	3090.8	3118.8	3174.8	3274.7	3310.7	3198.8	2906.9	2531.0	2263.1	2399.1	2295.1
47.5°	4878.1	5018.1	4990.1	4918.1	4798.2	4494.3	4086.4	3750.6	3470.7	3378.7	3394.7
45°	5993.7	6049.7	6029.7	5997.7	5941.7	5657.8	5206.0	4690.2	4430.3	4326.3	4218.4
42.5°	6909.3	6969.3	6981.3	6985.3	6925.3	6665.4	6257.6	5741.8	5481.9	5182.0	4946.1
40°	8656.7	8744.6	8644.7	8512.7	8312.8	8016.9	7617.1	7141.3	6681.4	6313.6	6033.7
37.5°	9772.2	9880.2	9920.2	9912.2	9868.2	9740.3	9248.4	8796.6	8092.9	7269.2	7417.2
35°	12419.2	12531.2	12499.2	12379.2	12315.3	12179.3	11699.5	11163.7	10280.1	9384.4	9144.5
32.5°	16365.7	16609.6	16153.8	15654.0	15346.1	15454.1	14966.3	13654.8	13246.9	11631.5	10883.8
30°	17533.3	17529.3	17297.4	17093.4	16841.5	16789.6	15869.9	14822.3	13822.7	12691.1	11747.5
27.5°	17177.4	17105.4	16909.5	16761.6	16525.7	16401.7	15502.0	14670.4	13514.8	12503.2	11591.5
25°	15805.9	15861.9	15662.0	15634.0	15542.0	15302.1	14854.3	13918.7	12887.0	11767.5	11111.7
22.5°	15098.2	15078.2	14838.3	14698.4	14810.3	14554.4	14374.5	13430.8	12355.3	11411.6	10623.9
20°	13946.6	13950.6	13890.7	13878.7	13810.7	13694.7	13550.8	12883.1	12123.3	11315.7	10368.0
17.5°	14590.4	14754.3	14826.3	14230.5	14398.5	14266.5	14114.6	13182.9	12611.2	11895.4	10659.9
15°	15534.0	15474.1	15402.1	15370.1	15278.1	15154.2	14878.3	14134.6	13150.9	12411.2	11447.6
12.5°	15582.0	15466.1	15438.1	15434.1	15338.1	15166.2	14898.3	14282.5	13410.8	12511.2	11727.5
10°	15686.0	15566.0	15550.0	15570.0	15422.1	15314.1	15046.2	14474.4	13490.8	12683.1	11943.4
7.5°	15853.9	15654.0	15746.0	15686.0	15618.0	15446.1	15158.2	14598.4	13782.7	12911.0	12135.3
5°	15897.9	15678.0	15777.9	15722.0	15622.0	15454.1	15142.2	14678.4	13962.6	13003.0	12211.3
2.5°	15789.9	15726.0	15682.0	15578.0	15534.0	15350.1	15054.2	14558.4	13878.7	12963.0	12195.3
0°	15678.0	15734.0	15634.0	15530.0	15510.0	15362.1	15110.2	14662.4	14074.6	13075.0	12331.3
-2.5°	15702.0	15658.0	15590.0	15482.1	15378.1	15166.2	14938.3	14518.4	13886.7	12831.1	12139.3
-5°	15702.0	15498.0	15506.0	15510.0	15406.1	15186.2	14910.3	14554.4	13774.7	12827.1	12083.4
-7.5°	15398.1	15222.2	15194.2	15170.2	15142.2	14938.3	14722.3	14278.5	13586.8	12723.1	11927.4
-10°	14950.3	14778.3	14794.3	14758.3	14670.4	14534.4	14370.5	13970.6	13402.9	12395.2	11611.5
-12.5°	14390.5	14314.5	14270.5	14210.5	14122.6	14002.6	13834.7	13458.8	12851.1	11991.4	11247.7
-15°	13726.7	13670.7	13630.8	13594.8	13466.8	13342.9	13123.0	12775.1	12395.2	11471.6	10711.9
-17.5°	13063.0	12923.0	12867.1	12819.1	12735.1	12535.2	12335.3	12075.4	11543.6	10811.8	10160.1
-20°	12211.3	12127.3	12059.4	11995.4	11875.4	11719.5	11555.6	11255.7	10795.9	10204.1	9528.3

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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°	11319.7	11271.7	11215.7	11135.7	11055.8	10907.8	10679.9	10392.0	10032.1	9392.4	8760.6
-25°	10400.0	10308.0	10240.1	10164.1	10100.1	9964.2	9744.3	9468.4	9016.5	8464.7	7937.0
-27.5°	9316.4	9228.5	9192.5	9104.5	9048.5	8924.6	8704.7	8448.8	8040.9	7577.1	7041.3
-30°	8092.9	8108.9	8068.9	7984.9	7917.0	7757.0	7589.1	7373.2	7053.3	6609.5	6129.6
-32.5°	6961.3	6981.3	6933.3	6845.4	6757.4	6641.4	6485.5	6289.6	6049.7	5625.8	5210.0
-35°	5829.8	5821.8	5781.8	5729.8	5669.8	5573.9	5397.9	5250.0	4974.1	4678.2	4390.3
-37.5°	4814.2	4834.1	4822.1	4794.2	4726.2	4646.2	4502.3	4366.3	4162.4	3902.5	3678.6
-40°	4010.5	4034.5	4018.5	3990.5	3930.5	3882.5	3786.5	3666.6	3502.7	3278.7	3090.8
-42.5°	3394.7	3410.7	3390.7	3366.7	3314.7	3278.7	3202.8	3102.8	2966.9	2794.9	2627.0
-45°	2906.9	2910.9	2890.9	2874.9	2834.9	2790.9	2727.0	2647.0	2539.0	2419.1	2283.1
-47.5°	2523.0	2519.0	2499.0	2483.0	2451.1	2411.1	2359.1	2287.1	2203.2	2111.2	2003.2
-50°	2187.2	2207.2	2199.2	2183.2	2159.2	2131.2	2079.2	2003.2	1919.3	1851.3	1775.3
-52.5°	1955.2	1959.2	1955.2	1955.2	1951.3	1931.3	1871.3	1795.3	1703.3	1643.4	1579.4
-55°	1739.3	1759.3	1767.3	1775.3	1779.3	1779.3	1707.3	1627.4	1539.4	1479.4	1431.5
-57.5°	1563.4	1575.4	1583.4	1603.4	1619.4	1631.4	1567.4	1495.4	1427.5	1371.5	1327.5
-60°	1411.5	1427.5	1439.4	1459.4	1471.4	1479.4	1439.4	1391.5	1351.5	1315.5	1251.5
-62.5°	1275.5	1287.5	1299.5	1311.5	1323.5	1331.5	1315.5	1291.5	1271.5	1255.5	1175.5
-65°	1139.6	1151.6	1163.6	1179.5	1191.5	1199.5	1195.5	1179.5	1163.6	1147.6	1075.6
-67.5°	1015.6	1027.6	1043.6	1047.6	1055.6	1059.6	1051.6	1039.6	1019.6	999.6	943.6
-70°	883.7	891.7	899.7	899.7	899.7	895.7	887.7	871.7	851.7	823.7	779.7
-72.5°	763.7	771.7	779.7	767.7	759.7	747.7	735.7	715.7	695.7	675.7	651.7
-75°	651.7	655.7	655.7	639.8	627.8	615.8	599.8	587.8	567.8	551.8	531.8
-77.5°	519.8	519.8	519.8	507.8	499.8	491.8	479.8	467.8	451.8	439.8	423.8
-80°	403.8	403.8	403.8	399.8	387.9	379.9	371.9	363.9	351.9	343.9	335.9
-82.5°	307.9	307.9	307.9	303.9	295.9	291.9	283.9	275.9	271.9	263.9	259.9
-85°	223.9	227.9	227.9	223.9	219.9	211.9	207.9	203.9	199.9	195.9	187.9
-87.5°	151.9	151.9	151.9	147.9	143.9	143.9	139.9	131.9	124.0	120.0	116.0
-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	12.0	12.0	12.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	12.0
82.5°	20.0	20.0	24.0	24.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
80°	20.0	24.0	28.0	32.0	36.0	40.0	40.0	40.0	40.0	36.0	36.0
77.5°	24.0	24.0	28.0	32.0	36.0	40.0	44.0	48.0	44.0	44.0	44.0
75°	24.0	28.0	28.0	32.0	36.0	40.0	44.0	48.0	48.0	48.0	48.0
72.5°	20.0	24.0	28.0	32.0	32.0	36.0	40.0	40.0	44.0	44.0	48.0
70°	20.0	24.0	28.0	28.0	32.0	32.0	36.0	40.0	40.0	44.0	44.0
67.5°	24.0	28.0	28.0	32.0	36.0	36.0	36.0	40.0	40.0	44.0	44.0
65°	28.0	32.0	32.0	36.0	40.0	40.0	44.0	44.0	44.0	48.0	48.0
62.5°	48.0	48.0	48.0	44.0	48.0	48.0	48.0	52.0	52.0	48.0	52.0
60°	247.9	179.9	124.0	155.9	139.9	64.0	64.0	64.0	60.0	60.0	56.0
57.5°	583.8	543.8	467.8	395.8	355.9	315.9	195.9	80.0	80.0	72.0	64.0
55°	975.6	843.7	787.7	691.7	587.8	539.8	447.8	303.9	143.9	96.0	84.0
52.5°	1511.4	1387.5	1243.5	1047.6	907.7	795.7	719.7	571.8	383.9	203.9	128.0
50°	2023.2	1967.2	1879.3	1687.4	1395.5	1207.5	1083.6	915.6	687.7	419.8	239.9
47.5°	3258.7	2790.9	2507.0	2359.1	2115.2	1759.3	1519.4	1331.5	1055.6	707.7	423.8
45°	4102.4	3806.5	3354.7	3042.8	2683.0	2307.1	1995.2	1779.3	1451.4	1059.6	663.7
42.5°	4826.1	4570.2	4162.4	3706.6	3326.7	2834.9	2435.1	2151.2	1875.3	1447.4	991.6
40°	5757.8	5453.9	5062.1	4618.2	4174.4	3546.6	2898.9	2555.0	2251.1	1871.3	1339.5
37.5°	7293.2	6757.4	6117.6	5625.8	5046.1	4514.3	3626.6	3018.8	2659.0	2263.1	1747.3
35°	9140.5	8552.7	7485.1	6833.4	6057.7	5266.0	4466.3	3566.6	3054.8	2635.0	2123.2
32.5°	10859.8	10000.2	8632.7	7869.0	7353.2	5893.7	5066.1	4286.4	3462.7	2946.9	2339.1
30°	11335.6	10388.0	9408.4	8516.7	7637.1	6457.5	5477.9	4870.1	3974.5	3134.8	2543.0
27.5°	10855.8	10204.1	9444.4	8616.7	7665.1	6653.4	5729.8	5150.0	4350.3	3262.7	2703.0
25°	10368.0	9688.3	9156.5	8464.7	7585.1	6641.4	5737.8	5326.0	4642.2	3510.7	2790.9
22.5°	9852.2	9428.4	8988.5	8216.8	7385.2	6677.4	5997.7	5477.9	4794.2	3790.5	2826.9
20°	9880.2	9604.3	9120.5	8088.9	7349.2	6889.4	6309.6	5669.8	4958.1	4034.5	2854.9
17.5°	10328.0	9968.2	9360.4	8464.7	7673.1	7105.3	6569.5	5933.7	5126.0	4250.4	3194.8
15°	10879.8	10332.0	9696.3	8908.6	8012.9	7341.2	6769.4	6117.6	5318.0	4450.3	3498.7
12.5°	11279.7	10500.0	9904.2	9192.5	8380.8	7597.1	6901.3	6257.6	5497.9	4614.2	3726.6
10°	11415.6	10707.9	10004.2	9368.4	8568.7	7733.0	7001.3	6345.6	5653.8	4742.2	3894.5
7.5°	11487.6	10887.8	10072.1	9448.4	8680.7	7817.0	7081.3	6393.5	5777.8	4830.1	4002.5
5°	11479.6	10983.8	10124.1	9472.4	8740.6	7853.0	7137.3	6405.5	5865.7	4906.1	4066.4
2.5°	11443.6	11047.8	10208.1	9512.3	8860.6	7921.0	7245.2	6429.5	5897.7	4990.1	4110.4
0°	11575.6	11051.8	10296.0	9524.3	8940.6	7944.9	7293.2	6409.5	5853.8	5014.1	4106.4
-2.5°	11291.7	10815.8	10276.1	9420.4	8832.6	7889.0	7205.2	6345.6	5757.8	4986.1	4090.4
-5°	11243.7	10643.9	10108.1	9324.4	8652.7	7773.0	7041.3	6225.6	5605.8	4894.1	4026.5
-7.5°	11115.7	10480.0	9944.2	9248.4	8484.7	7653.1	6885.4	6101.7	5441.9	4750.2	3934.5
-10°	10835.8	10228.1	9768.2	9084.5	8280.8	7481.1	6697.4	5937.7	5250.0	4554.3	3790.5
-12.5°	10436.0	9828.2	9372.4	8736.6	8024.9	7249.2	6473.5	5725.8	5030.1	4346.3	3618.6
-15°	9984.2	9368.4	8912.6	8332.8	7645.1	6889.4	6189.6	5457.9	4778.2	4126.4	3414.7
-17.5°	9472.4	8888.6	8448.8	7885.0	7201.2	6481.5	5785.8	5122.0	4486.3	3898.5	3178.8
-20°	8880.6	8312.8	7909.0	7345.2	6717.4	6017.7	5341.9	4714.2	4142.4	3590.6	2918.9

REPORT NUMBER: P722432

CATALOG NUMBER: IFLD-S-SA3E-730-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°	8148.9	7649.1	7189.2	6685.4	6137.6	5497.9	4870.1	4314.3	3766.6	3226.8	2651.0
-25°	7401.2	6917.3	6469.5	6009.7	5485.9	4934.1	4398.3	3894.5	3358.7	2870.9	2391.1
-27.5°	6569.5	6137.6	5737.8	5314.0	4834.1	4358.3	3918.5	3426.7	2962.9	2547.0	2135.2
-30°	5681.8	5330.0	4982.1	4606.2	4218.4	3818.5	3426.7	2962.9	2599.0	2267.1	1919.3
-32.5°	4830.1	4514.3	4234.4	3954.5	3618.6	3290.7	2942.9	2599.0	2295.1	2003.2	1711.3
-35°	4082.4	3746.6	3590.6	3366.7	3098.8	2802.9	2519.0	2279.1	2035.2	1771.3	1511.4
-37.5°	3434.7	3218.8	3034.8	2866.9	2655.0	2399.1	2195.2	1999.2	1795.3	1555.4	1331.5
-40°	2926.9	2770.9	2587.0	2463.1	2291.1	2107.2	1903.3	1739.3	1567.4	1371.5	1187.5
-42.5°	2519.0	2391.1	2271.1	2139.2	2011.2	1855.3	1679.4	1523.4	1367.5	1223.5	1071.6
-45°	2183.2	2091.2	1995.2	1887.3	1775.3	1639.4	1495.4	1335.5	1223.5	1095.6	967.6
-47.5°	1907.3	1839.3	1759.3	1675.4	1579.4	1459.4	1327.5	1211.5	1095.6	987.6	863.7
-50°	1687.4	1623.4	1559.4	1487.4	1403.5	1299.5	1199.5	1091.6	983.6	879.7	763.7
-52.5°	1503.4	1447.4	1395.5	1335.5	1255.5	1167.6	1075.6	979.6	879.7	775.7	683.7
-55°	1375.5	1311.5	1259.5	1199.5	1127.6	1043.6	959.6	871.7	775.7	695.7	619.8
-57.5°	1271.5	1199.5	1139.6	1075.6	1003.6	931.6	855.7	775.7	703.7	627.8	555.8
-60°	1183.5	1099.6	1031.6	967.6	899.7	831.7	767.7	699.7	631.8	563.8	491.8
-62.5°	1091.6	1003.6	919.6	859.7	807.7	747.7	691.7	627.8	567.8	499.8	447.8
-65°	987.6	903.7	823.7	771.7	723.7	671.7	619.8	563.8	511.8	459.8	411.8
-67.5°	871.7	799.7	743.7	695.7	647.8	603.8	555.8	507.8	463.8	411.8	363.9
-70°	731.7	691.7	659.7	623.8	579.8	539.8	495.8	451.8	403.8	359.9	315.9
-72.5°	623.8	599.8	575.8	539.8	499.8	463.8	427.8	387.9	347.9	307.9	271.9
-75°	511.8	491.8	471.8	447.8	415.8	387.9	355.9	319.9	287.9	259.9	231.9
-77.5°	411.8	395.8	383.9	363.9	339.9	315.9	295.9	271.9	247.9	219.9	191.9
-80°	327.9	319.9	315.9	307.9	287.9	267.9	251.9	231.9	207.9	187.9	167.9
-82.5°	255.9	255.9	251.9	247.9	231.9	215.9	203.9	187.9	171.9	155.9	135.9
-85°	187.9	183.9	183.9	179.9	167.9	159.9	147.9	139.9	128.0	112.0	104.0
-87.5°	112.0	108.0	104.0	100.0	92.0	88.0	80.0	76.0	68.0	60.0	56.0
-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: P722432

CATALOG NUMBER: IFLD-S-SA3E-730-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0
85°	12.0	8.0	8.0	8.0	8.0	8.0	4.0	4.0	4.0	4.0	4.0
82.5°	24.0	24.0	20.0	20.0	16.0	12.0	8.0	8.0	8.0	4.0	4.0
80°	36.0	36.0	36.0	32.0	28.0	20.0	16.0	12.0	8.0	4.0	4.0
77.5°	44.0	40.0	40.0	36.0	36.0	32.0	24.0	20.0	12.0	8.0	4.0
75°	44.0	44.0	44.0	40.0	40.0	36.0	32.0	24.0	20.0	12.0	8.0
72.5°	48.0	44.0	44.0	44.0	40.0	36.0	32.0	28.0	24.0	16.0	8.0
70°	44.0	44.0	44.0	44.0	40.0	40.0	32.0	28.0	28.0	16.0	12.0
67.5°	44.0	44.0	44.0	40.0	40.0	36.0	32.0	28.0	28.0	20.0	12.0
65°	48.0	44.0	44.0	44.0	40.0	36.0	32.0	28.0	28.0	24.0	16.0
62.5°	52.0	48.0	48.0	44.0	40.0	36.0	32.0	28.0	28.0	24.0	16.0
60°	56.0	52.0	48.0	48.0	44.0	40.0	32.0	32.0	28.0	24.0	16.0
57.5°	60.0	56.0	56.0	52.0	48.0	44.0	36.0	32.0	28.0	24.0	20.0
55°	72.0	64.0	60.0	60.0	56.0	48.0	40.0	32.0	28.0	24.0	20.0
52.5°	96.0	76.0	68.0	68.0	64.0	56.0	44.0	36.0	28.0	24.0	20.0
50°	151.9	96.0	80.0	72.0	72.0	64.0	52.0	40.0	28.0	24.0	20.0
47.5°	239.9	159.9	96.0	84.0	80.0	76.0	60.0	40.0	32.0	24.0	20.0
45°	395.8	235.9	155.9	100.0	84.0	80.0	68.0	44.0	32.0	28.0	20.0
42.5°	543.8	367.9	239.9	120.0	100.0	88.0	72.0	48.0	36.0	28.0	20.0
40°	855.7	503.8	335.9	195.9	116.0	92.0	80.0	56.0	36.0	28.0	20.0
37.5°	1159.6	667.7	451.8	287.9	131.9	104.0	84.0	60.0	40.0	28.0	24.0
35°	1463.4	935.6	559.8	383.9	175.9	124.0	88.0	64.0	40.0	28.0	24.0
32.5°	1735.3	1187.5	671.7	479.8	263.9	147.9	96.0	68.0	44.0	32.0	24.0
30°	1959.2	1419.5	871.7	563.8	343.9	179.9	104.0	68.0	48.0	32.0	24.0
27.5°	2127.2	1599.4	1075.6	651.7	411.8	211.9	120.0	76.0	48.0	32.0	24.0
25°	2263.1	1739.3	1255.5	743.7	471.8	263.9	143.9	80.0	52.0	36.0	24.0
22.5°	2371.1	1855.3	1403.5	867.7	543.8	315.9	175.9	88.0	52.0	36.0	24.0
20°	2519.0	1971.2	1503.4	999.6	619.8	363.9	203.9	96.0	52.0	36.0	28.0
17.5°	2647.0	2087.2	1583.4	1111.6	695.7	399.8	235.9	104.0	56.0	36.0	28.0
15°	2794.9	2199.2	1655.4	1199.5	767.7	431.8	263.9	112.0	56.0	40.0	28.0
12.5°	2954.9	2303.1	1707.3	1271.5	843.7	459.8	287.9	128.0	60.0	40.0	28.0
10°	3118.8	2391.1	1751.3	1323.5	899.7	487.8	303.9	143.9	64.0	40.0	28.0
7.5°	3282.7	2471.1	1807.3	1347.5	923.6	519.8	311.9	159.9	64.0	44.0	28.0
5°	3394.7	2523.0	1887.3	1363.5	935.6	555.8	323.9	179.9	68.0	44.0	28.0
2.5°	3490.7	2555.0	1971.2	1375.5	939.6	575.8	319.9	191.9	72.0	44.0	28.0
0°	3534.6	2555.0	2027.2	1367.5	927.6	595.8	319.9	203.9	72.0	44.0	28.0
-2.5°	3466.7	2627.0	2011.2	1371.5	931.6	595.8	335.9	207.9	80.0	48.0	28.0
-5°	3358.7	2655.0	1963.2	1351.5	923.6	595.8	355.9	211.9	84.0	48.0	32.0
-7.5°	3254.7	2667.0	1907.3	1331.5	911.6	579.8	359.9	207.9	92.0	52.0	32.0
-10°	3118.8	2535.0	1835.3	1295.5	887.7	567.8	367.9	207.9	96.0	52.0	32.0
-12.5°	2962.9	2375.1	1747.3	1243.5	859.7	555.8	371.9	207.9	100.0	56.0	32.0
-15°	2782.9	2211.2	1647.4	1187.5	819.7	539.8	363.9	203.9	104.0	56.0	36.0
-17.5°	2579.0	2051.2	1543.4	1119.6	775.7	519.8	347.9	199.9	104.0	56.0	36.0
-20°	2347.1	1891.3	1427.5	1051.6	723.7	495.8	331.9	191.9	104.0	56.0	36.0

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CATALOG NUMBER: IFLD-S-SA3E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2139.2	1743.3	1307.5	975.6	667.7	467.8	311.9	183.9	104.0	60.0	36.0
-25°	1967.2	1599.4	1215.5	899.7	607.8	435.8	291.9	175.9	104.0	60.0	36.0
-27.5°	1787.3	1443.4	1119.6	827.7	567.8	407.8	271.9	167.9	100.0	60.0	36.0
-30°	1603.4	1291.5	1019.6	747.7	527.8	379.9	255.9	155.9	100.0	60.0	36.0
-32.5°	1435.4	1167.6	927.6	667.7	483.8	351.9	239.9	151.9	96.0	60.0	36.0
-35°	1271.5	1055.6	831.7	603.8	435.8	323.9	223.9	147.9	96.0	60.0	36.0
-37.5°	1135.6	951.6	743.7	559.8	407.8	299.9	207.9	139.9	92.0	60.0	36.0
-40°	1023.6	855.7	659.7	511.8	383.9	275.9	191.9	135.9	92.0	60.0	36.0
-42.5°	919.6	763.7	607.8	471.8	359.9	259.9	179.9	131.9	88.0	60.0	36.0
-45°	827.7	683.7	555.8	435.8	331.9	239.9	171.9	124.0	84.0	60.0	40.0
-47.5°	735.7	627.8	507.8	403.8	303.9	215.9	163.9	120.0	80.0	56.0	40.0
-50°	663.7	567.8	467.8	367.9	275.9	207.9	155.9	112.0	80.0	56.0	40.0
-52.5°	599.8	511.8	423.8	331.9	251.9	195.9	147.9	104.0	76.0	56.0	40.0
-55°	539.8	459.8	379.9	295.9	235.9	183.9	135.9	96.0	76.0	56.0	40.0
-57.5°	479.8	411.8	335.9	267.9	215.9	171.9	128.0	96.0	76.0	56.0	40.0
-60°	431.8	367.9	303.9	247.9	199.9	155.9	116.0	92.0	72.0	56.0	40.0
-62.5°	391.8	331.9	275.9	223.9	183.9	139.9	112.0	92.0	72.0	56.0	36.0
-65°	351.9	299.9	247.9	203.9	163.9	131.9	108.0	88.0	72.0	56.0	36.0
-67.5°	311.9	263.9	223.9	179.9	151.9	128.0	104.0	88.0	68.0	52.0	36.0
-70°	271.9	231.9	195.9	167.9	143.9	120.0	100.0	84.0	68.0	48.0	32.0
-72.5°	239.9	203.9	175.9	155.9	135.9	116.0	96.0	80.0	64.0	44.0	28.0
-75°	203.9	179.9	159.9	139.9	124.0	108.0	92.0	72.0	56.0	40.0	28.0
-77.5°	171.9	155.9	139.9	128.0	112.0	96.0	80.0	64.0	52.0	36.0	24.0
-80°	147.9	135.9	124.0	112.0	100.0	84.0	72.0	56.0	44.0	32.0	20.0
-82.5°	120.0	112.0	100.0	92.0	84.0	72.0	60.0	48.0	32.0	24.0	16.0
-85°	92.0	84.0	80.0	72.0	64.0	52.0	40.0	32.0	24.0	16.0	8.0
-87.5°	48.0	44.0	40.0	36.0	32.0	24.0	20.0	16.0	12.0	8.0	4.0
-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: P722432

CATALOG NUMBER: IFLD-S-SA3E-730-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°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	4.0	4.0	0.0	0.0
67.5°	8.0	4.0	0.0	0.0
65°	8.0	4.0	0.0	0.0
62.5°	8.0	4.0	0.0	0.0
60°	8.0	4.0	0.0	0.0
57.5°	12.0	4.0	4.0	0.0
55°	12.0	4.0	4.0	0.0
52.5°	12.0	4.0	4.0	0.0
50°	12.0	8.0	4.0	0.0
47.5°	12.0	8.0	4.0	0.0
45°	12.0	8.0	4.0	0.0
42.5°	12.0	8.0	4.0	0.0
40°	16.0	8.0	4.0	0.0
37.5°	16.0	8.0	4.0	0.0
35°	16.0	8.0	4.0	0.0
32.5°	16.0	8.0	4.0	0.0
30°	16.0	8.0	4.0	0.0
27.5°	16.0	12.0	4.0	0.0
25°	16.0	12.0	4.0	0.0
22.5°	20.0	12.0	4.0	0.0
20°	20.0	12.0	4.0	0.0
17.5°	20.0	12.0	4.0	0.0
15°	20.0	12.0	4.0	0.0
12.5°	20.0	12.0	4.0	0.0
10°	20.0	12.0	4.0	0.0
7.5°	20.0	12.0	4.0	0.0
5°	20.0	12.0	4.0	0.0
2.5°	20.0	12.0	4.0	0.0
0°	20.0	12.0	4.0	0.0
-2.5°	20.0	12.0	4.0	0.0
-5°	20.0	12.0	4.0	0.0
-7.5°	20.0	12.0	4.0	0.0
-10°	20.0	12.0	4.0	0.0
-12.5°	24.0	12.0	4.0	0.0
-15°	24.0	12.0	4.0	0.0
-17.5°	24.0	12.0	4.0	0.0
-20°	24.0	12.0	4.0	0.0



REPORT NUMBER: P722432

CATALOG NUMBER: IFLD-S-SA3E-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.0	12.0	4.0	0.0
-25°	24.0	12.0	4.0	0.0
-27.5°	24.0	12.0	4.0	0.0
-30°	24.0	12.0	4.0	0.0
-32.5°	24.0	12.0	4.0	0.0
-35°	24.0	12.0	4.0	0.0
-37.5°	24.0	12.0	4.0	0.0
-40°	24.0	12.0	4.0	0.0
-42.5°	20.0	12.0	4.0	0.0
-45°	24.0	12.0	4.0	0.0
-47.5°	24.0	12.0	4.0	0.0
-50°	24.0	12.0	4.0	0.0
-52.5°	24.0	12.0	4.0	0.0
-55°	24.0	12.0	4.0	0.0
-57.5°	24.0	12.0	4.0	0.0
-60°	24.0	12.0	4.0	0.0
-62.5°	20.0	12.0	4.0	0.0
-65°	20.0	8.0	4.0	0.0
-67.5°	20.0	8.0	4.0	0.0
-70°	20.0	8.0	4.0	0.0
-72.5°	16.0	8.0	4.0	0.0
-75°	16.0	8.0	4.0	0.0
-77.5°	12.0	4.0	0.0	0.0
-80°	12.0	4.0	0.0	0.0
-82.5°	8.0	4.0	0.0	0.0
-85°	4.0	4.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)