

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: P722089

Luminaire Tested: **IFLD-S-SA6E-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722089
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

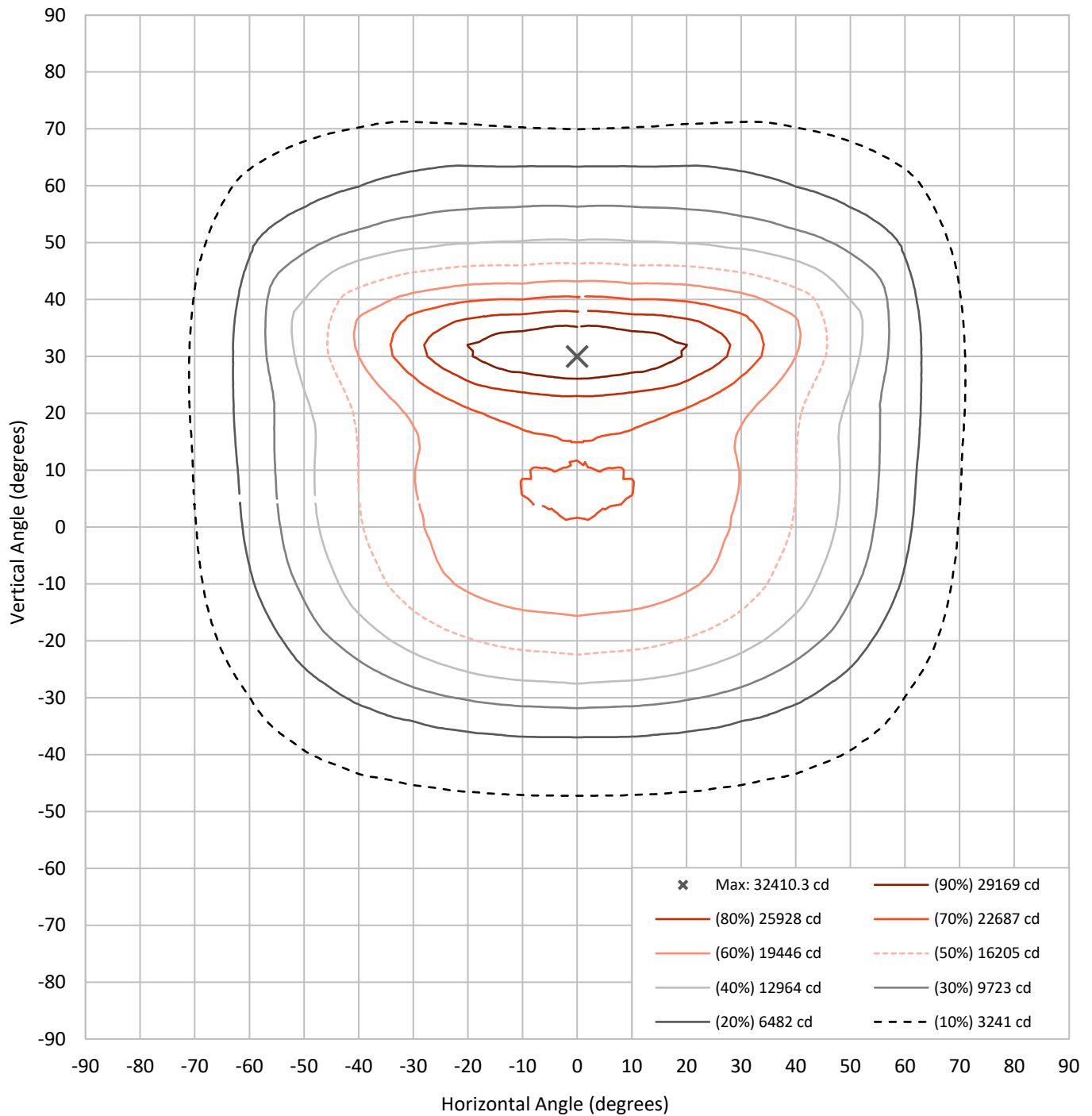
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	54100.9 lumens	Max Intensity:	32410.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	31460.3 lumens	Field Lumens:	50699.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 464.2
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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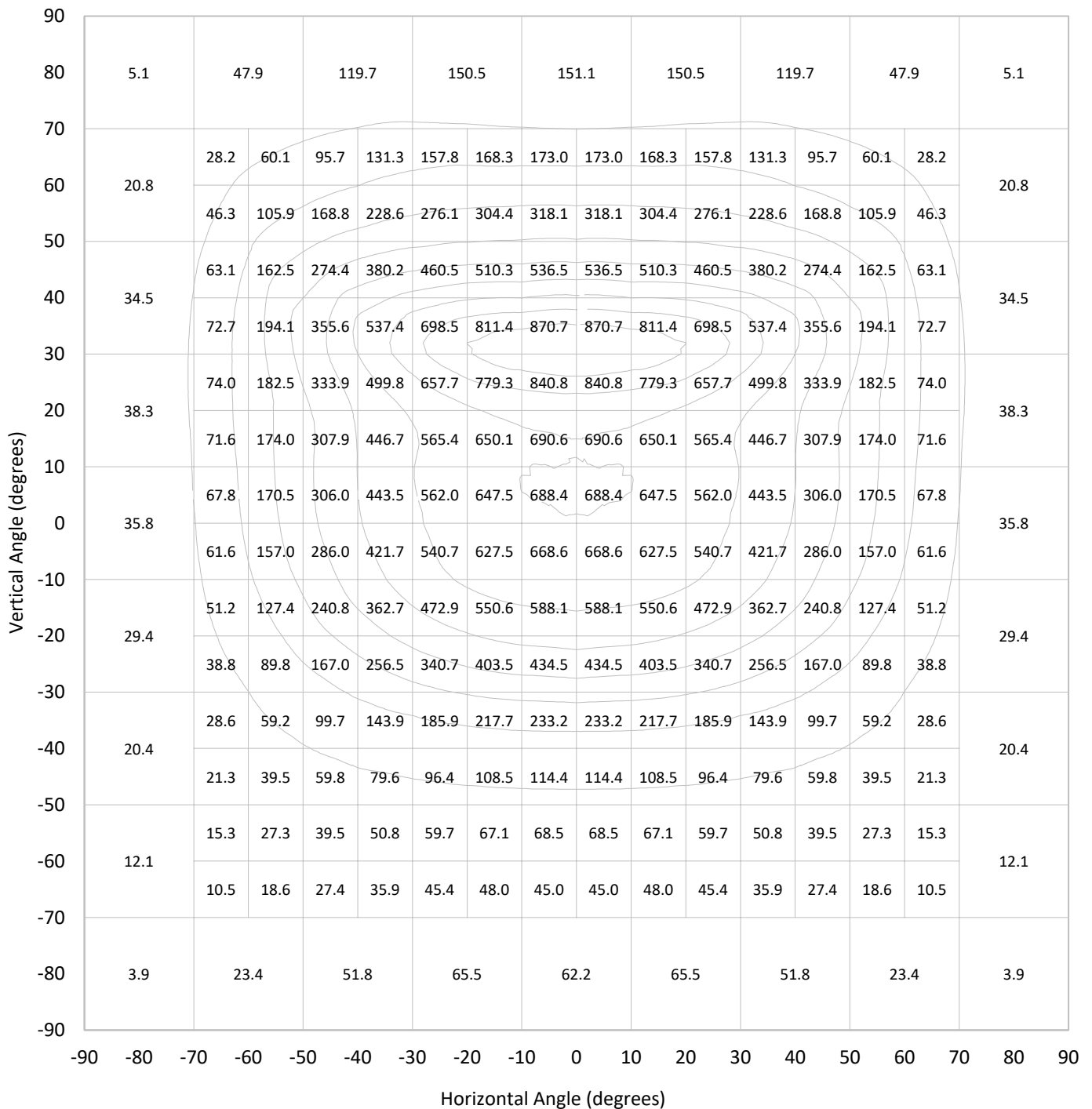
Iso-Candela Plot





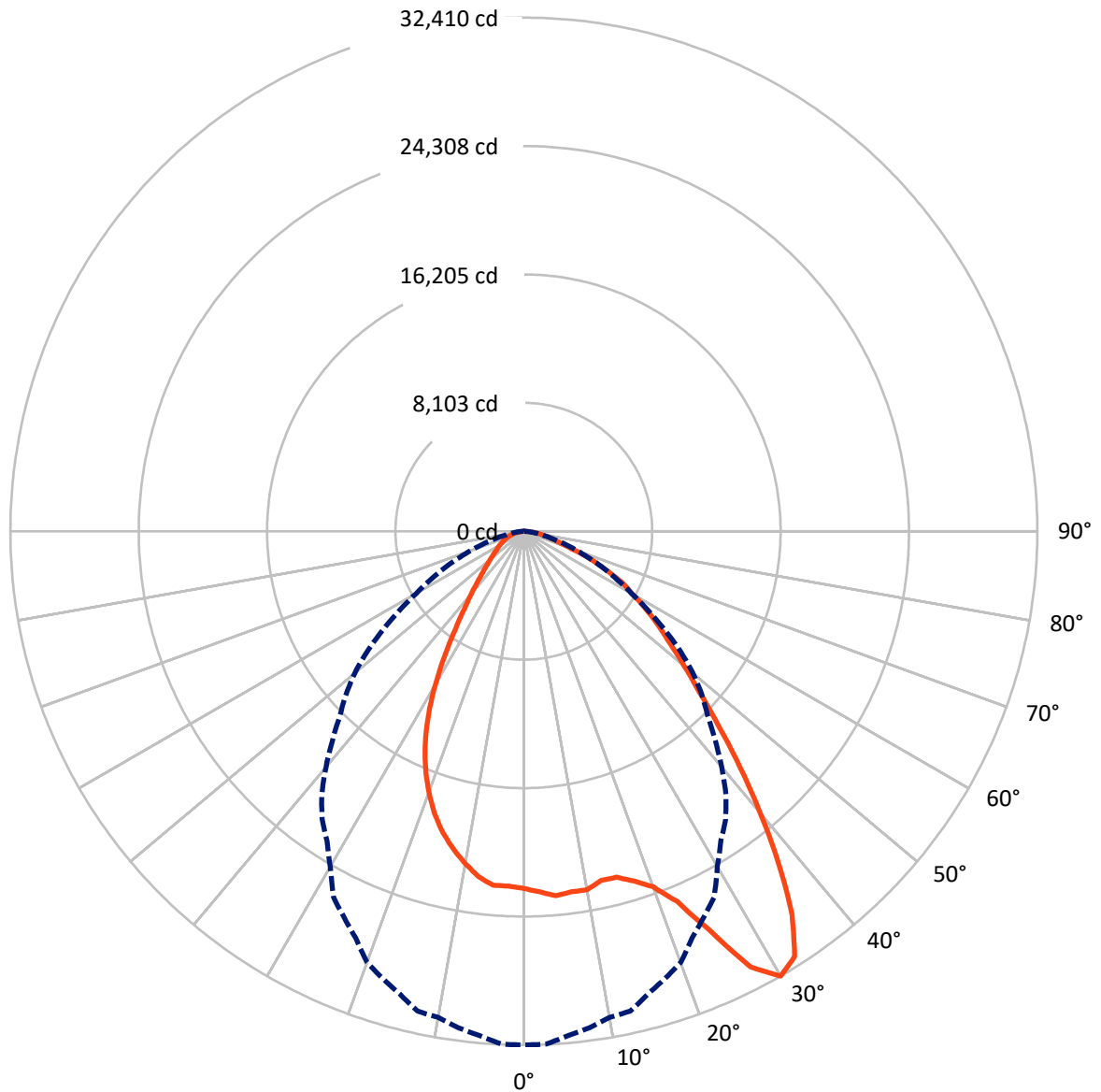
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Lumen Table



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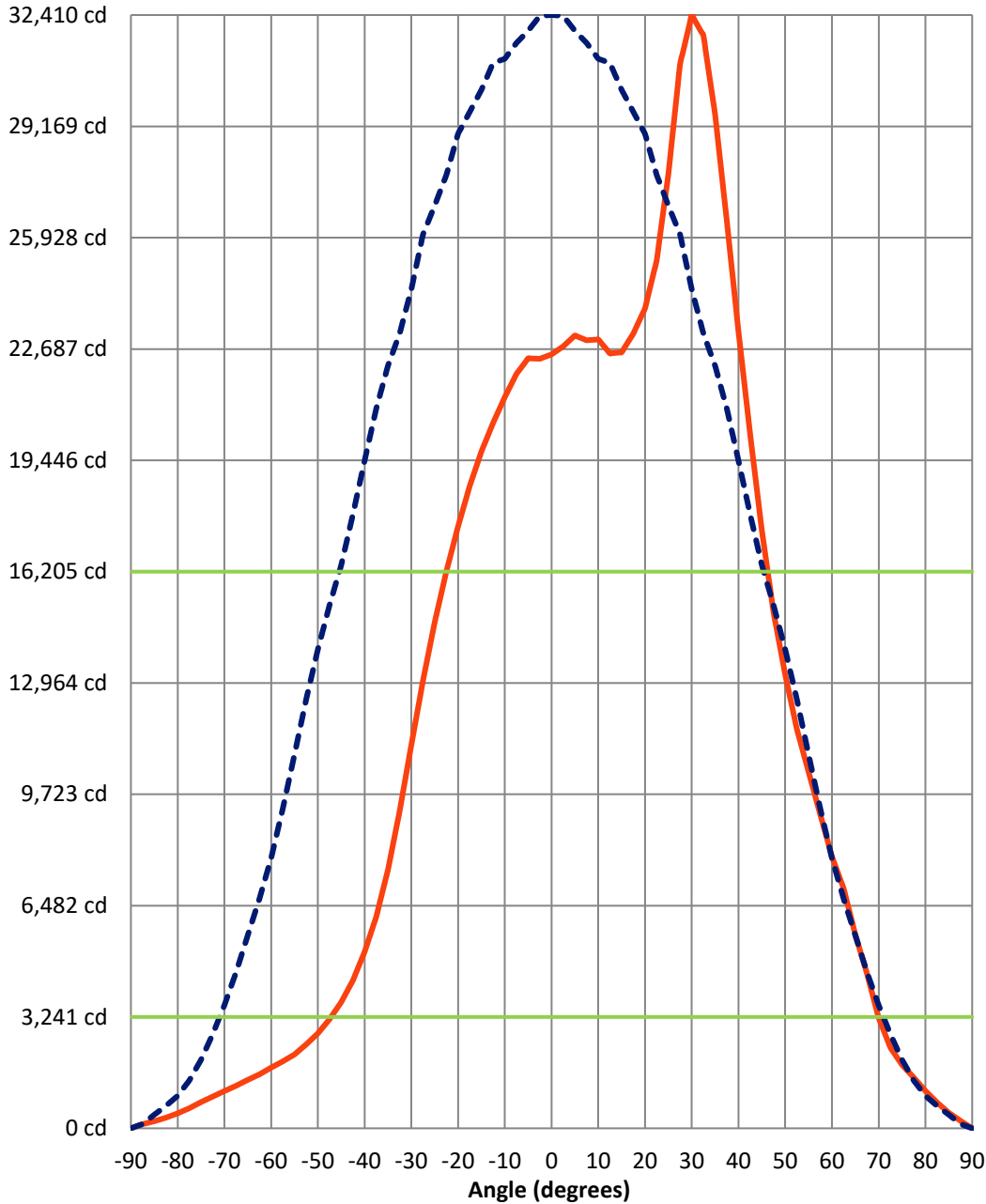
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 31460.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 50699.5
 Efficiency: 93.7%

Spill:
 Lumens: 3401.4
 Efficiency: 6.3%

— 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°	217.8	223.5	229.3	229.3	223.5	223.5	223.5	217.8	223.5	223.5	223.5
85°	452.8	464.2	475.7	470.0	464.2	452.8	441.3	447.0	452.8	458.5	458.5
82.5°	750.8	768.0	779.5	773.7	762.3	750.8	739.3	745.1	756.5	762.3	762.3
80°	1088.9	1094.7	1100.4	1111.9	1094.7	1094.7	1088.9	1111.9	1123.3	1134.8	1146.3
77.5°	1478.7	1484.4	1484.4	1490.1	1495.9	1501.6	1501.6	1541.7	1570.4	1587.6	1604.8
75°	1845.5	1862.7	1879.9	1897.0	1920.0	1931.4	1948.6	2005.9	2051.8	2086.2	2120.6
72.5°	2349.8	2372.7	2401.4	2441.5	2481.6	2510.3	2550.4	2619.2	2670.8	2705.2	2745.3
70°	3215.2	3238.2	3266.8	3295.5	3335.6	3364.2	3404.4	3490.3	3541.9	3564.8	3587.8
67.5°	4499.0	4556.4	4607.9	4550.6	4522.0	4481.8	4493.3	4573.5	4625.1	4659.5	4653.8
65°	5639.6	5679.7	5679.7	5673.9	5651.0	5599.4	5628.1	5725.5	5782.8	5811.5	5725.5
62.5°	6980.7	6980.7	6952.0	6997.9	7003.6	6969.2	6952.0	6957.7	6963.5	6980.7	6837.4
60°	7909.1	7966.4	7983.6	8023.8	8035.2	8035.2	8063.9	8086.8	8086.8	8052.4	7886.2
57.5°	9135.6	9244.5	9267.4	9238.8	9181.5	9107.0	9095.5	9061.1	8992.3	8923.6	8843.3
55°	10373.6	10430.9	10425.2	10408.0	10350.7	10264.7	10276.1	10230.3	10121.4	10035.4	9926.5
52.5°	11617.3	11754.8	11777.7	11743.3	11663.1	11571.4	11577.1	11525.6	11416.7	11325.0	11176.0
50°	13204.8	13319.4	13308.0	13250.7	13136.0	13067.3	13073.0	12975.6	12849.5	12820.8	12626.0
47.5°	15021.6	15153.4	15130.5	15050.3	14895.5	14866.9	14895.5	14769.5	14694.9	14631.9	14402.7
45°	17405.8	17560.6	17474.6	17319.9	17073.4	17102.1	17142.2	17119.3	16958.8	16792.6	16500.3
42.5°	20202.7	20300.1	20197.0	20042.2	19732.7	19790.0	19767.1	19629.6	19532.1	19257.0	18884.5
40°	23194.4	23406.5	23246.0	23005.3	22684.3	22770.3	22707.2	22529.6	22300.3	21956.4	21486.5
37.5°	26421.1	26587.3	26403.9	26123.1	25836.5	25807.9	25681.8	25406.7	25080.0	24701.7	23950.9
35°	29510.2	29940.1	29601.9	29154.9	28805.3	28673.5	28553.1	27917.0	27544.4	26931.2	25905.3
32.5°	31808.5	32123.7	31705.3	31241.1	30817.0	30633.6	30209.5	29452.9	29252.3	27962.8	27022.9
30°	32410.3	32387.3	31951.8	31596.4	31137.9	31011.8	30232.4	29590.5	28948.6	27756.5	26862.4
27.5°	30977.4	30834.2	30415.8	30106.3	29653.5	29504.5	28736.5	28392.7	27401.1	26392.4	25635.9
25°	27785.1	27859.6	27544.4	27389.7	27091.7	26770.7	26466.9	26002.7	25383.7	24501.1	23807.6
22.5°	25269.1	25366.5	25234.7	25051.3	24822.1	24644.4	24415.2	24054.1	23458.0	22913.6	22260.2
20°	23870.7	23842.0	23727.4	23589.9	23372.1	23246.0	22993.8	22690.1	22231.5	21761.6	21056.6
17.5°	23137.1	22959.4	22850.5	22798.9	22684.3	22523.8	22225.8	21916.3	21561.0	21028.0	20512.2
15°	22592.6	22621.3	22535.3	22495.2	22403.5	22180.0	21876.2	21624.0	21142.6	20873.2	20403.3
12.5°	22558.2	22529.6	22535.3	22518.1	22403.5	22116.9	21962.2	21641.2	21331.7	20976.4	20437.7
10°	22965.2	22661.4	22684.3	22764.6	22581.2	22351.9	22185.7	21836.1	21543.8	21091.0	20558.0
7.5°	22942.2	22787.5	22833.3	22701.5	22758.8	22478.0	22248.7	21899.1	21532.3	21050.9	20569.5
5°	23079.8	22844.8	22804.7	22816.1	22672.9	22460.8	22151.3	21818.9	21475.0	20936.3	20443.4
2.5°	22764.6	22798.9	22615.5	22546.8	22529.6	22174.2	21887.7	21566.7	21211.4	20735.7	20294.4
0°	22529.6	22592.6	22403.5	22306.1	22300.3	21996.6	21813.2	21446.4	21194.2	20798.7	20265.7
-2.5°	22403.5	22478.0	22500.9	22323.2	22151.3	21916.3	21606.8	21211.4	20798.7	20340.2	19881.7
-5°	22414.9	22265.9	22202.9	22260.2	22111.2	21876.2	21532.3	21182.7	20775.8	20282.9	19709.8
-7.5°	21962.2	21813.2	21801.7	21773.0	21738.7	21515.1	21228.6	20850.3	20437.7	19979.2	19446.2
-10°	21285.9	21177.0	21148.3	21119.7	21028.0	20896.2	20626.8	20282.9	19910.4	19451.9	18884.5
-12.5°	20535.1	20483.5	20374.6	20300.1	20208.4	20053.7	19795.8	19480.5	19108.0	18701.1	18213.9
-15°	19704.1	19606.6	19497.7	19434.7	19302.9	19119.5	18861.6	18569.3	18162.4	17761.2	17302.7
-17.5°	18701.1	18580.7	18460.4	18443.2	18351.5	18070.7	17829.9	17474.6	17119.3	16735.3	16288.2
-20°	17520.5	17354.2	17274.0	17228.2	17102.1	16895.7	16637.8	16311.2	15967.3	15600.5	15084.7



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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°	16213.7	16070.4	15932.9	15846.9	15738.0	15577.6	15331.1	15044.6	14706.4	14293.8	13818.1
-25°	14729.3	14528.7	14442.8	14345.3	14288.0	14139.0	13898.3	13634.7	13285.1	12883.9	12431.1
-27.5°	13032.9	12872.4	12826.6	12689.0	12620.2	12465.5	12264.9	12018.4	11697.5	11319.2	10946.7
-30°	11158.8	11061.3	10986.8	10849.3	10797.7	10631.5	10499.7	10293.3	10001.0	9731.7	9433.7
-32.5°	9233.1	9135.6	9112.7	9049.7	9015.3	8906.4	8757.4	8608.3	8373.4	8172.8	7932.1
-35°	7525.1	7456.4	7462.1	7456.4	7422.0	7341.7	7158.3	7118.2	6946.3	6762.9	6608.1
-37.5°	6161.1	6166.8	6161.1	6155.4	6109.5	6075.1	5943.3	5891.7	5788.6	5610.9	5519.2
-40°	5135.2	5146.7	5140.9	5129.5	5077.9	5060.7	4974.7	4906.0	4865.8	4739.8	4642.3
-42.5°	4304.2	4321.4	4315.6	4309.9	4275.5	4269.8	4223.9	4143.7	4120.8	4046.3	3943.1
-45°	3673.7	3668.0	3656.5	3668.0	3650.8	3633.6	3605.0	3553.4	3524.7	3490.3	3404.4
-47.5°	3175.1	3180.8	3169.4	3169.4	3146.5	3129.3	3117.8	3083.4	3060.5	3031.8	2980.3
-50°	2762.5	2785.4	2779.7	2773.9	2756.7	2745.3	2745.3	2710.9	2676.5	2665.0	2630.6
-52.5°	2441.5	2458.7	2464.4	2475.9	2481.6	2487.4	2470.2	2435.8	2378.5	2372.7	2355.5
-55°	2149.2	2200.8	2235.2	2258.1	2281.0	2298.2	2263.8	2218.0	2160.7	2137.8	2132.0
-57.5°	1948.6	2000.2	2040.3	2074.7	2103.4	2132.0	2097.6	2051.8	2000.2	1971.6	1965.8
-60°	1765.2	1811.1	1851.2	1897.0	1937.2	1983.0	1965.8	1931.4	1902.8	1879.9	1856.9
-62.5°	1570.4	1616.2	1662.1	1719.4	1771.0	1816.8	1822.5	1816.8	1811.1	1816.8	1776.7
-65°	1409.9	1432.8	1461.5	1524.5	1581.8	1633.4	1662.1	1679.3	1707.9	1736.6	1696.5
-67.5°	1238.0	1266.6	1301.0	1346.8	1392.7	1427.1	1467.2	1513.1	1558.9	1604.8	1576.1
-70°	1083.2	1106.1	1134.8	1157.7	1186.4	1209.3	1243.7	1295.3	1346.8	1392.7	1381.2
-72.5°	922.7	945.7	962.9	974.3	991.5	1003.0	1020.2	1066.0	1100.4	1123.3	1123.3
-75°	762.3	785.2	802.4	808.1	819.6	825.3	836.8	854.0	871.2	876.9	882.6
-77.5°	584.6	607.5	624.7	636.2	647.6	659.1	664.8	676.3	682.0	682.0	687.8
-80°	435.6	452.8	464.2	481.4	487.2	498.6	510.1	515.8	521.5	521.5	527.3
-82.5°	309.5	321.0	332.4	343.9	355.3	361.1	372.5	378.3	384.0	389.7	395.5
-85°	206.3	217.8	229.3	240.7	246.4	252.2	257.9	263.6	269.4	275.1	280.8
-87.5°	120.4	126.1	131.8	143.3	149.0	160.5	166.2	160.5	166.2	166.2	166.2
-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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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°	223.5	223.5	223.5	223.5	217.8	206.3	200.6	189.1	177.7	166.2	154.7
85°	464.2	470.0	470.0	470.0	458.5	452.8	435.6	418.4	395.5	361.1	332.4
82.5°	773.7	779.5	779.5	773.7	762.3	745.1	722.1	693.5	647.6	601.8	561.7
80°	1163.4	1169.2	1169.2	1163.4	1134.8	1106.1	1077.5	1043.1	985.8	922.7	854.0
77.5°	1627.7	1639.1	1639.1	1621.9	1581.8	1547.4	1501.6	1444.3	1358.3	1266.6	1174.9
75°	2166.4	2195.1	2200.8	2183.6	2132.0	2069.0	1994.5	1897.0	1765.2	1650.6	1541.7
72.5°	2791.1	2819.8	2842.7	2819.8	2745.3	2659.3	2550.4	2435.8	2304.0	2149.2	1965.8
70°	3610.7	3639.3	3656.5	3582.0	3450.2	3306.9	3175.1	3043.3	2888.6	2699.4	2498.8
67.5°	4642.3	4613.7	4579.3	4430.3	4264.1	4092.1	3908.7	3713.9	3513.3	3312.7	3077.7
65°	5633.8	5553.6	5479.1	5301.4	5089.4	4865.8	4653.8	4436.0	4195.3	3943.1	3719.6
62.5°	6676.9	6505.0	6321.6	6103.8	5886.0	5639.6	5427.5	5169.6	4900.2	4590.7	4304.2
60°	7702.8	7496.5	7313.1	7043.7	6757.2	6424.7	6195.5	5943.3	5628.1	5295.7	4957.5
57.5°	8694.3	8470.8	8270.2	8035.2	7725.7	7364.7	7112.5	6785.8	6453.4	6035.0	5691.1
55°	9748.9	9525.4	9364.9	9101.2	8763.1	8430.7	8155.6	7811.7	7347.5	6900.4	6476.3
52.5°	10958.2	10780.5	10608.6	10339.2	9932.3	9594.1	9290.4	8906.4	8419.2	7869.0	7358.9
50°	12310.7	12219.0	12035.6	11720.4	11256.2	10958.2	10557.0	10046.9	9525.4	8946.5	8310.3
47.5°	14104.6	13955.6	13697.7	13353.8	12964.1	12517.1	11978.3	11382.3	10642.9	10001.0	9324.8
45°	16248.1	15973.0	15640.6	15176.4	14694.9	14190.6	13600.3	12843.7	11852.2	11015.5	10304.8
42.5°	18569.3	18196.7	17744.0	17136.5	16511.8	15892.8	15256.6	14225.0	12987.0	12024.2	11221.8
40°	20993.6	20517.9	19950.5	19067.9	18374.4	17577.8	16849.9	15308.2	13990.0	12946.9	12093.0
37.5°	23366.3	22764.6	21813.2	20741.4	19933.3	19280.0	17680.9	16030.3	14849.7	13703.4	12838.0
35°	25183.1	24673.1	22993.8	21881.9	21188.5	20156.8	18156.6	16465.9	15216.5	14265.1	12918.3
32.5°	26260.6	24942.4	23469.5	22346.2	21773.0	20082.3	18191.0	16592.0	15388.4	14322.4	12711.9
30°	26019.9	24426.6	23137.1	22197.2	20953.5	19434.7	17870.1	16397.1	15228.0	13938.4	12482.7
27.5°	24569.9	23337.7	22185.7	21205.7	19984.9	18620.9	17176.6	15881.3	14792.4	13543.0	12167.5
25°	22930.8	21813.2	20959.2	20105.3	18947.5	17646.5	16374.2	15440.0	14345.3	13113.1	11754.8
22.5°	21423.4	20621.1	19950.5	19056.4	17927.4	16792.6	16001.7	15033.1	13909.8	12660.3	11330.7
20°	20460.6	19916.1	19148.1	18162.4	17274.0	16563.3	15686.5	14660.6	13502.8	12196.1	10969.6
17.5°	19996.4	19365.9	18512.0	17870.1	17188.0	16408.6	15428.5	14339.6	13107.4	11984.1	11009.7
15°	19755.6	19090.8	18529.2	17898.7	17130.7	16311.2	15222.2	14093.2	13107.4	12070.0	11038.4
12.5°	19807.2	19234.1	18620.9	17933.1	17107.8	16230.9	15245.1	14196.3	13176.2	12133.1	11044.1
10°	19967.7	19365.9	18712.6	17950.3	17119.3	16253.8	15308.2	14259.4	13210.5	12161.7	11032.7
7.5°	20025.0	19371.7	18672.4	17904.4	17090.6	16242.4	15319.7	14276.6	13216.3	12156.0	10998.3
5°	19847.3	19257.0	18580.7	17807.0	17010.4	16185.1	15273.8	14253.6	13170.4	12098.7	10912.3
2.5°	19606.6	19130.9	18483.3	17738.2	16930.1	16104.8	15199.3	14150.5	13067.3	11995.5	10803.4
0°	19566.5	18976.2	18322.8	17658.0	16798.3	15927.2	15027.4	13955.6	12878.1	11800.7	10614.3
-2.5°	19302.9	18678.2	18024.8	17302.7	16546.1	15669.3	14723.6	13674.8	12608.8	11548.5	10408.0
-5°	19102.3	18408.8	17715.3	16935.9	16173.6	15296.7	14316.7	13296.5	12253.4	11221.8	10121.4
-7.5°	18832.9	18122.2	17394.4	16580.5	15755.2	14861.2	13892.6	12872.4	11846.5	10820.6	9766.1
-10°	18288.4	17663.7	16981.7	16139.2	15268.1	14374.0	13411.1	12408.2	11382.3	10344.9	9284.6
-12.5°	17629.3	16970.3	16225.2	15451.5	14672.0	13841.0	12878.1	11892.4	10860.7	9817.6	8763.1
-15°	16775.4	16127.8	15365.5	14609.0	13858.2	13061.5	12213.3	11325.0	10276.1	9250.3	8195.7
-17.5°	15709.4	15101.9	14419.8	13697.7	12952.6	12150.3	11325.0	10574.2	9594.1	8631.3	7588.2
-20°	14563.1	13995.7	13382.5	12700.5	11955.4	11170.2	10390.8	9605.6	8757.4	7909.1	6940.6



REPORT NUMBER: P722089
 CATALOG NUMBER: IFLD-S-SA6E-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	13371.0	12797.9	12178.9	11542.8	10855.0	10127.1	9405.0	8654.2	7909.1	7141.1	6321.6
-25°	11995.5	11491.2	10923.8	10304.8	9691.6	9055.4	8367.6	7685.6	7049.4	6384.6	5714.1
-27.5°	10557.0	10092.7	9576.9	9038.2	8510.9	7977.9	7381.9	6751.4	6224.1	5673.9	5118.0
-30°	9043.9	8671.4	8253.0	7783.0	7376.1	6946.3	6447.7	5926.1	5444.7	5026.3	4579.3
-32.5°	7611.1	7295.9	6997.9	6688.4	6287.2	5954.8	5610.9	5226.9	4802.8	4407.3	4086.4
-35°	6378.9	6040.7	5914.7	5685.4	5398.8	5106.6	4854.4	4579.3	4258.3	3908.7	3645.1
-37.5°	5341.5	5140.9	4963.3	4837.2	4648.1	4413.1	4212.5	4011.9	3765.4	3501.8	3238.2
-40°	4533.4	4395.9	4201.0	4138.0	4017.6	3857.1	3650.8	3496.1	3329.9	3129.3	2905.7
-42.5°	3885.8	3782.6	3656.5	3547.6	3496.1	3381.4	3221.0	3072.0	2940.1	2802.6	2630.6
-45°	3352.8	3284.0	3203.8	3106.3	3066.2	2974.5	2859.9	2693.7	2619.2	2504.6	2378.5
-47.5°	2922.9	2888.6	2831.2	2768.2	2710.9	2642.1	2538.9	2435.8	2332.6	2258.1	2160.7
-50°	2584.8	2561.9	2527.5	2475.9	2401.4	2355.5	2286.8	2195.1	2097.6	2034.6	1965.8
-52.5°	2315.4	2292.5	2269.6	2229.5	2172.1	2126.3	2069.0	1994.5	1914.2	1851.2	1793.9
-55°	2109.1	2074.7	2057.5	2023.1	1977.3	1925.7	1874.1	1822.5	1753.8	1696.5	1639.1
-57.5°	1948.6	1902.8	1879.9	1851.2	1805.3	1753.8	1713.6	1662.1	1616.2	1553.2	1501.6
-60°	1822.5	1771.0	1725.1	1696.5	1656.3	1604.8	1564.6	1524.5	1478.7	1427.1	1364.0
-62.5°	1719.4	1656.3	1593.3	1558.9	1518.8	1472.9	1432.8	1392.7	1346.8	1295.3	1238.0
-65°	1621.9	1547.4	1467.2	1432.8	1392.7	1346.8	1295.3	1266.6	1226.5	1180.6	1123.3
-67.5°	1501.6	1421.4	1352.6	1312.5	1272.3	1232.2	1186.4	1157.7	1117.6	1060.3	1003.0
-70°	1323.9	1272.3	1226.5	1192.1	1157.7	1123.3	1077.5	1031.6	985.8	934.2	882.6
-72.5°	1100.4	1083.2	1077.5	1060.3	1020.2	980.0	934.2	888.3	848.2	808.1	768.0
-75°	888.3	899.8	911.3	905.5	865.4	825.3	785.2	745.1	716.4	682.0	647.6
-77.5°	704.9	716.4	727.9	727.9	699.2	676.3	647.6	619.0	596.1	567.4	533.0
-80°	544.5	561.7	578.9	590.3	567.4	550.2	527.3	504.4	481.4	458.5	435.6
-82.5°	412.7	429.8	447.0	458.5	441.3	429.8	412.7	395.5	378.3	355.3	338.1
-85°	298.0	309.5	321.0	326.7	315.2	303.8	292.3	280.8	269.4	252.2	240.7
-87.5°	171.9	177.7	183.4	189.1	177.7	166.2	160.5	149.0	143.3	131.8	126.1
-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-SA6E-740-U-76

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°	143.3	131.8	120.4	114.6	103.2	86.0	74.5	63.0	51.6	40.1	34.4
85°	303.8	275.1	240.7	223.5	200.6	177.7	154.7	131.8	108.9	86.0	63.0
82.5°	521.5	487.2	452.8	412.7	361.1	298.0	235.0	194.9	160.5	126.1	97.4
80°	785.2	722.1	664.8	613.2	555.9	475.7	389.7	309.5	217.8	166.2	126.1
77.5°	1088.9	1014.4	934.2	848.2	756.5	647.6	550.2	447.0	338.1	229.3	160.5
75°	1432.8	1335.4	1226.5	1106.1	985.8	842.5	704.9	584.6	458.5	321.0	194.9
72.5°	1816.8	1696.5	1564.6	1404.2	1215.0	1048.8	882.6	722.1	573.1	406.9	263.6
70°	2309.7	2120.6	1925.7	1753.8	1513.1	1249.4	1054.6	871.2	682.0	498.6	332.4
67.5°	2837.0	2607.7	2372.7	2120.6	1816.8	1507.3	1226.5	1020.2	796.6	584.6	395.5
65°	3410.1	3123.5	2825.5	2544.7	2126.3	1759.5	1444.3	1163.4	905.5	664.8	458.5
62.5°	4000.4	3662.3	3318.4	2951.6	2470.2	2017.4	1650.6	1323.9	1008.7	739.3	515.8
60°	4630.9	4235.4	3817.0	3358.5	2796.9	2298.2	1845.5	1490.1	1117.6	813.8	578.9
57.5°	5295.7	4865.8	4372.9	3754.0	3135.0	2567.6	2069.0	1639.1	1215.0	882.6	624.7
55°	6017.8	5524.9	4986.2	4166.6	3467.4	2837.0	2292.5	1788.2	1318.2	939.9	670.6
52.5°	6797.3	6224.1	5542.1	4602.2	3817.0	3112.1	2498.8	1920.0	1415.6	1003.0	710.7
50°	7668.4	6946.3	6029.3	5003.4	4120.8	3370.0	2705.2	2063.3	1495.9	1071.7	745.1
47.5°	8574.0	7794.5	6464.9	5375.9	4430.3	3622.2	2917.2	2189.3	1576.1	1129.1	779.5
45°	9519.6	8384.8	6917.6	5708.3	4699.6	3851.4	3077.7	2304.0	1673.5	1180.6	808.1
42.5°	10453.8	8831.9	7313.1	6040.7	4951.8	4057.7	3209.5	2412.9	1753.8	1232.2	836.8
40°	10895.1	9170.0	7628.3	6270.0	5163.9	4241.1	3324.1	2510.3	1822.5	1266.6	865.4
37.5°	11078.5	9376.3	7834.6	6487.8	5330.1	4338.6	3421.6	2596.3	1879.9	1301.0	888.3
35°	11118.6	9450.8	7937.8	6636.8	5467.6	4430.3	3496.1	2659.3	1925.7	1335.4	911.3
32.5°	11044.1	9427.9	7966.4	6688.4	5553.6	4499.0	3547.6	2705.2	1960.1	1369.8	934.2
30°	10877.9	9307.6	7863.3	6682.6	5616.6	4539.2	3582.0	2739.5	1994.5	1392.7	945.7
27.5°	10608.6	9095.5	7731.5	6688.4	5651.0	4556.4	3599.2	2756.7	2017.4	1409.9	968.6
25°	10276.1	8808.9	7737.2	6676.9	5656.8	4562.1	3599.2	2756.7	2023.1	1415.6	985.8
22.5°	9892.2	8808.9	7737.2	6659.7	5622.4	4550.6	3582.0	2745.3	2023.1	1427.1	1003.0
20°	9915.1	8814.7	7720.0	6625.3	5570.8	4516.2	3541.9	2716.6	2005.9	1444.3	1014.4
17.5°	9932.3	8803.2	7685.6	6579.5	5502.0	4458.9	3490.3	2676.5	2005.9	1461.5	1020.2
15°	9932.3	8768.8	7634.0	6510.7	5416.0	4378.7	3415.8	2642.1	2011.7	1467.2	1031.6
12.5°	9915.1	8705.8	7553.8	6419.0	5312.9	4281.2	3370.0	2630.6	2011.7	1472.9	1031.6
10°	9880.7	8619.8	7450.6	6304.4	5215.4	4246.9	3347.1	2607.7	2000.2	1472.9	1031.6
7.5°	9817.6	8516.6	7364.7	6235.6	5158.1	4206.7	3312.7	2573.3	1983.0	1461.5	1043.1
5°	9720.2	8459.3	7295.9	6155.4	5077.9	4178.1	3289.7	2544.7	1971.6	1461.5	1031.6
2.5°	9594.1	8390.6	7215.7	6052.2	4986.2	4080.7	3215.2	2481.6	1931.4	1438.5	1020.2
0°	9387.8	8253.0	7078.1	5908.9	4860.1	3983.2	3140.7	2418.6	1891.3	1415.6	1008.7
-2.5°	9198.7	8069.6	6900.4	5759.9	4739.8	3897.3	3083.4	2384.2	1874.1	1409.9	1003.0
-5°	8935.0	7817.4	6665.5	5565.1	4579.3	3811.3	3026.1	2344.1	1856.9	1398.4	1003.0
-7.5°	8642.7	7553.8	6419.0	5364.5	4418.8	3662.3	2917.2	2281.0	1816.8	1375.5	997.2
-10°	8190.0	7158.3	6109.5	5135.2	4246.9	3530.5	2825.5	2223.7	1782.4	1352.6	974.3
-12.5°	7708.5	6722.8	5754.2	4854.4	4052.0	3392.9	2722.3	2160.7	1742.3	1329.7	962.9
-15°	7198.5	6275.7	5381.7	4562.1	3839.9	3226.7	2613.5	2091.9	1702.2	1301.0	945.7
-17.5°	6665.5	5805.8	4997.7	4264.1	3627.9	3054.8	2498.8	2028.9	1656.3	1272.3	928.5
-20°	6103.8	5324.3	4607.9	3960.3	3404.4	2882.8	2378.5	1954.4	1604.8	1238.0	905.5



REPORT NUMBER: P722089

CATALOG NUMBER: IFLD-S-SA6E-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5547.9	4848.6	4206.7	3662.3	3175.1	2705.2	2258.1	1879.9	1547.4	1197.8	888.3
-25°	5055.0	4401.6	3851.4	3375.7	2951.6	2533.2	2132.0	1805.3	1484.4	1157.7	865.4
-27.5°	4573.5	4017.6	3501.8	3106.3	2733.8	2367.0	2011.7	1725.1	1421.4	1111.9	842.5
-30°	4126.5	3650.8	3226.7	2842.7	2527.5	2218.0	1908.5	1644.9	1352.6	1066.0	813.8
-32.5°	3719.6	3335.6	2980.3	2613.5	2332.6	2069.0	1811.1	1564.6	1283.8	1020.2	785.2
-35°	3341.3	3043.3	2733.8	2424.3	2137.8	1931.4	1707.9	1478.7	1220.8	968.6	756.5
-37.5°	3003.2	2762.5	2516.0	2252.4	2005.9	1799.6	1610.5	1392.7	1157.7	922.7	727.9
-40°	2710.9	2516.0	2298.2	2086.2	1879.9	1685.0	1513.1	1306.7	1094.7	888.3	699.2
-42.5°	2441.5	2292.5	2114.8	1937.2	1753.8	1581.8	1415.6	1215.0	1031.6	848.2	670.6
-45°	2235.2	2086.2	1942.9	1782.4	1627.7	1478.7	1312.5	1134.8	974.3	802.4	641.9
-47.5°	2040.3	1908.5	1776.7	1644.9	1518.8	1381.2	1215.0	1066.0	911.3	762.3	619.0
-50°	1868.4	1742.3	1627.7	1513.1	1404.2	1272.3	1117.6	997.2	859.7	722.1	590.3
-52.5°	1707.9	1599.0	1484.4	1392.7	1301.0	1169.2	1043.1	928.5	808.1	676.3	561.7
-55°	1564.6	1461.5	1358.3	1272.3	1186.4	1071.7	968.6	871.2	756.5	641.9	533.0
-57.5°	1427.1	1341.1	1243.7	1163.4	1077.5	985.8	899.8	808.1	704.9	607.5	504.4
-60°	1301.0	1220.8	1134.8	1054.6	980.0	905.5	825.3	750.8	659.1	567.4	475.7
-62.5°	1174.9	1106.1	1031.6	951.4	894.1	825.3	762.3	687.8	613.2	533.0	424.1
-65°	1060.3	997.2	928.5	859.7	808.1	756.5	699.2	630.4	567.4	492.9	378.3
-67.5°	945.7	888.3	831.0	773.7	727.9	687.8	630.4	578.9	527.3	447.0	332.4
-70°	836.8	790.9	739.3	693.5	659.1	613.2	573.1	527.3	481.4	389.7	280.8
-72.5°	733.6	687.8	647.6	613.2	584.6	544.5	510.1	475.7	412.7	326.7	235.0
-75°	613.2	584.6	561.7	533.0	504.4	475.7	447.0	406.9	343.9	263.6	183.4
-77.5°	504.4	487.2	470.0	447.0	424.1	401.2	366.8	326.7	275.1	206.3	149.0
-80°	412.7	395.5	384.0	361.1	343.9	321.0	286.6	252.2	200.6	160.5	120.4
-82.5°	315.2	303.8	292.3	280.8	263.6	240.7	206.3	177.7	149.0	120.4	91.7
-85°	223.5	217.8	206.3	194.9	177.7	160.5	137.6	120.4	103.2	80.2	63.0
-87.5°	114.6	108.9	103.2	97.4	91.7	80.2	68.8	57.3	51.6	40.1	28.7
-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: P722089

CATALOG NUMBER: IFLD-S-SA6E-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	22.9	17.2	5.7	0.0
85°	45.9	28.7	11.5	0.0
82.5°	68.8	45.9	17.2	0.0
80°	91.7	57.3	28.7	0.0
77.5°	114.6	68.8	34.4	0.0
75°	137.6	86.0	40.1	0.0
72.5°	154.7	97.4	45.9	0.0
70°	183.4	114.6	51.6	0.0
67.5°	229.3	126.1	57.3	0.0
65°	269.4	137.6	63.0	0.0
62.5°	315.2	149.0	68.8	0.0
60°	355.3	160.5	74.5	0.0
57.5°	395.5	189.1	80.2	0.0
55°	429.8	212.1	86.0	0.0
52.5°	470.0	235.0	91.7	0.0
50°	504.4	257.9	97.4	0.0
47.5°	533.0	280.8	97.4	0.0
45°	555.9	298.0	103.2	0.0
42.5°	573.1	315.2	108.9	0.0
40°	590.3	332.4	114.6	0.0
37.5°	607.5	349.6	114.6	0.0
35°	624.7	366.8	120.4	0.0
32.5°	641.9	384.0	120.4	0.0
30°	653.4	395.5	126.1	0.0
27.5°	670.6	406.9	126.1	0.0
25°	676.3	418.4	131.8	0.0
22.5°	687.8	424.1	131.8	0.0
20°	699.2	435.6	131.8	0.0
17.5°	704.9	441.3	137.6	0.0
15°	704.9	447.0	143.3	0.0
12.5°	710.7	452.8	143.3	0.0
10°	710.7	464.2	137.6	0.0
7.5°	722.1	458.5	137.6	0.0
5°	716.4	458.5	137.6	0.0
2.5°	710.7	452.8	137.6	0.0
0°	704.9	452.8	137.6	0.0
-2.5°	704.9	452.8	137.6	0.0
-5°	704.9	452.8	137.6	0.0
-7.5°	699.2	458.5	137.6	0.0
-10°	687.8	458.5	137.6	0.0
-12.5°	682.0	441.3	137.6	0.0
-15°	676.3	435.6	137.6	0.0
-17.5°	664.8	429.8	131.8	0.0
-20°	653.4	424.1	131.8	0.0



REPORT NUMBER: P722089

CATALOG NUMBER: IFLD-S-SA6E-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	641.9	412.7	131.8	0.0
-25°	630.4	401.2	126.1	0.0
-27.5°	619.0	389.7	126.1	0.0
-30°	601.8	378.3	120.4	0.0
-32.5°	584.6	366.8	120.4	0.0
-35°	573.1	349.6	114.6	0.0
-37.5°	555.9	332.4	114.6	0.0
-40°	538.7	315.2	108.9	0.0
-42.5°	521.5	298.0	103.2	0.0
-45°	498.6	280.8	103.2	0.0
-47.5°	481.4	263.6	97.4	0.0
-50°	452.8	240.7	91.7	0.0
-52.5°	418.4	217.8	86.0	0.0
-55°	384.0	200.6	80.2	0.0
-57.5°	349.6	177.7	80.2	0.0
-60°	315.2	154.7	74.5	0.0
-62.5°	280.8	143.3	68.8	0.0
-65°	246.4	131.8	63.0	0.0
-67.5°	206.3	114.6	57.3	0.0
-70°	171.9	103.2	51.6	0.0
-72.5°	149.0	91.7	45.9	0.0
-75°	126.1	80.2	40.1	0.0
-77.5°	108.9	68.8	34.4	0.0
-80°	86.0	51.6	22.9	0.0
-82.5°	63.0	40.1	17.2	0.0
-85°	40.1	28.7	11.5	0.0
-87.5°	22.9	11.5	5.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)