

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: P722157

Luminaire Tested: **IFLD-L-SA7E-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722157
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

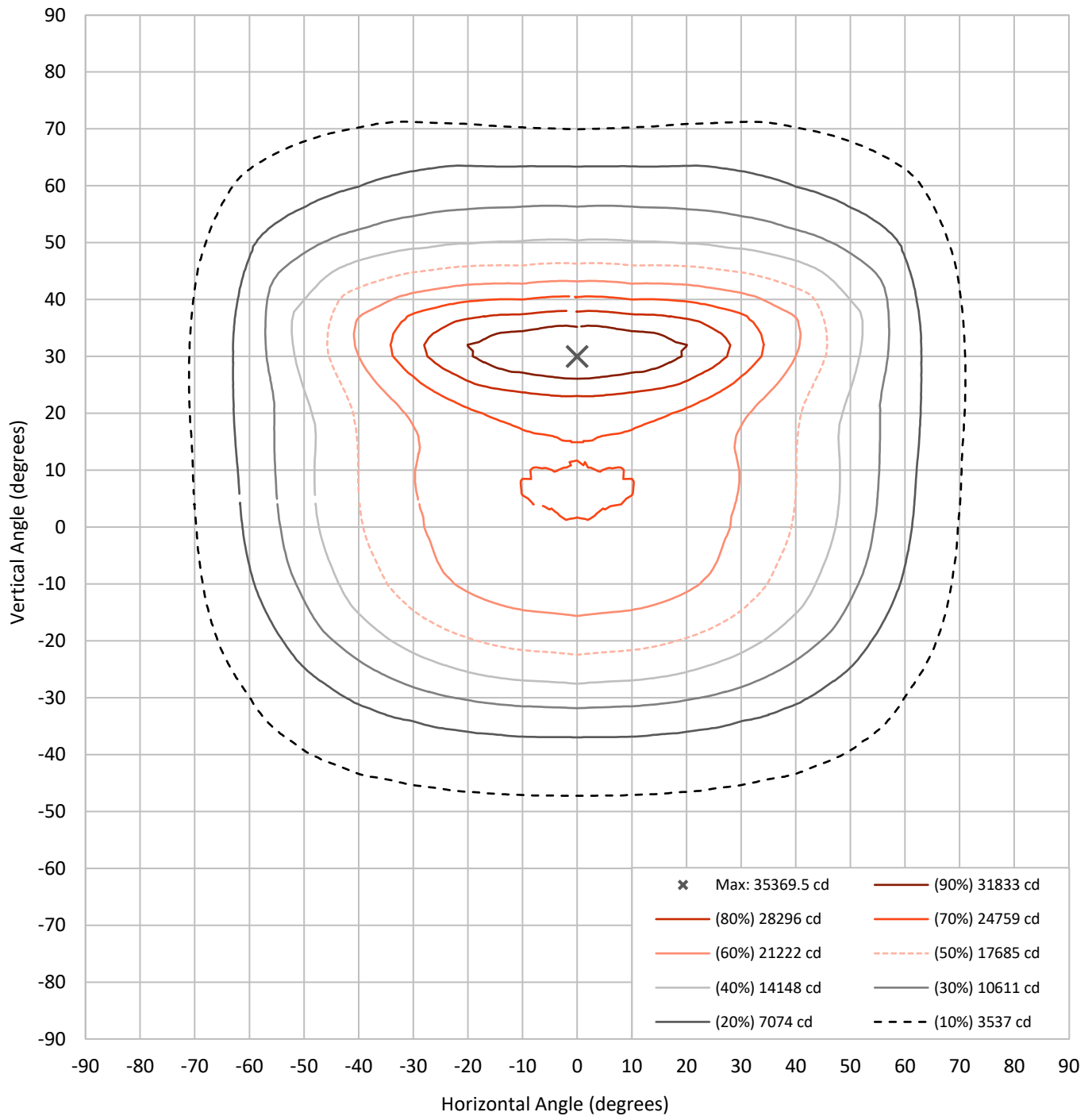
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	59040.5 lumens	Max Intensity:	35369.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	110.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	34332.8 lumens	Field Lumens:	55328.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7
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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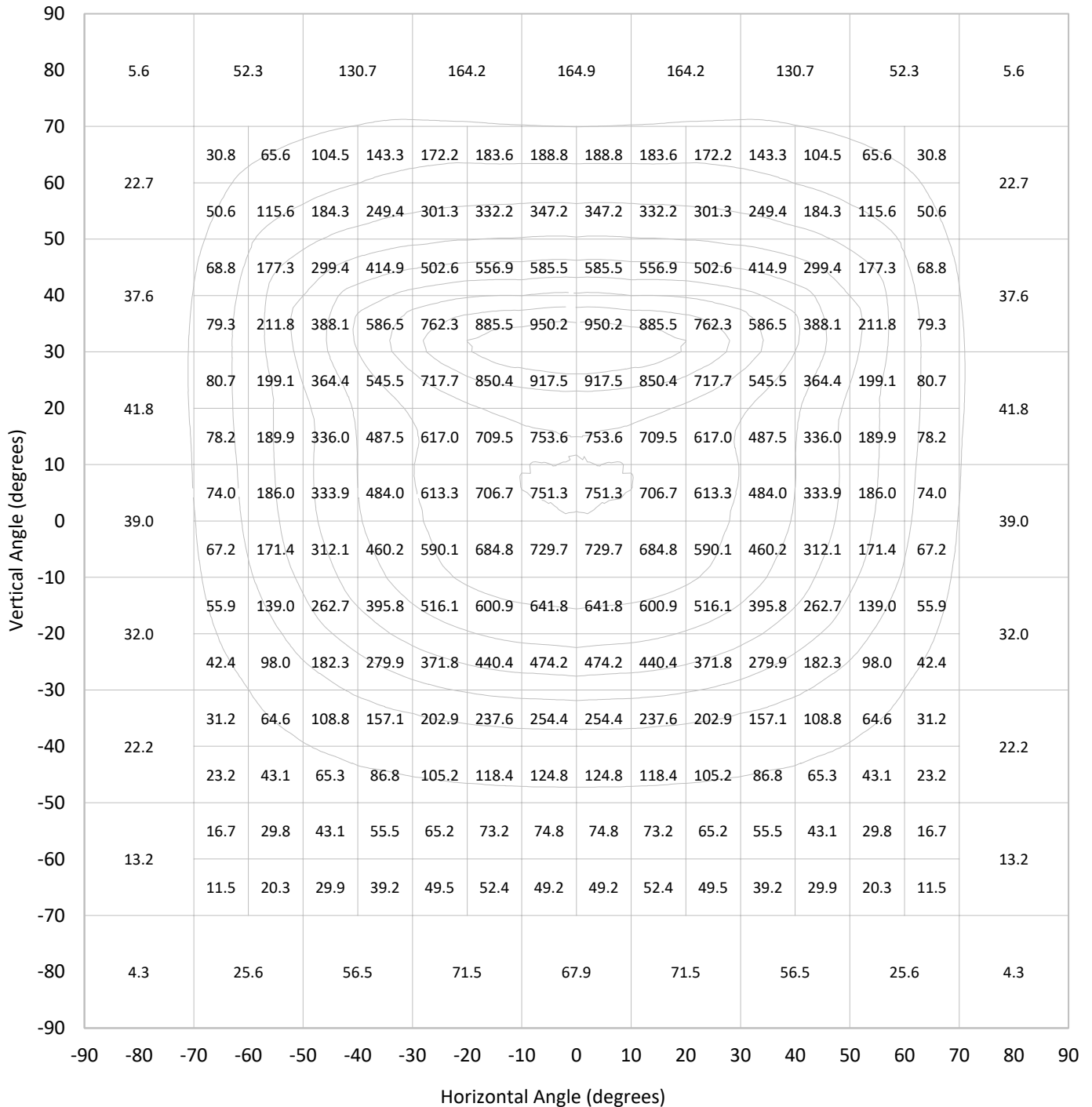
Iso-Candela Plot





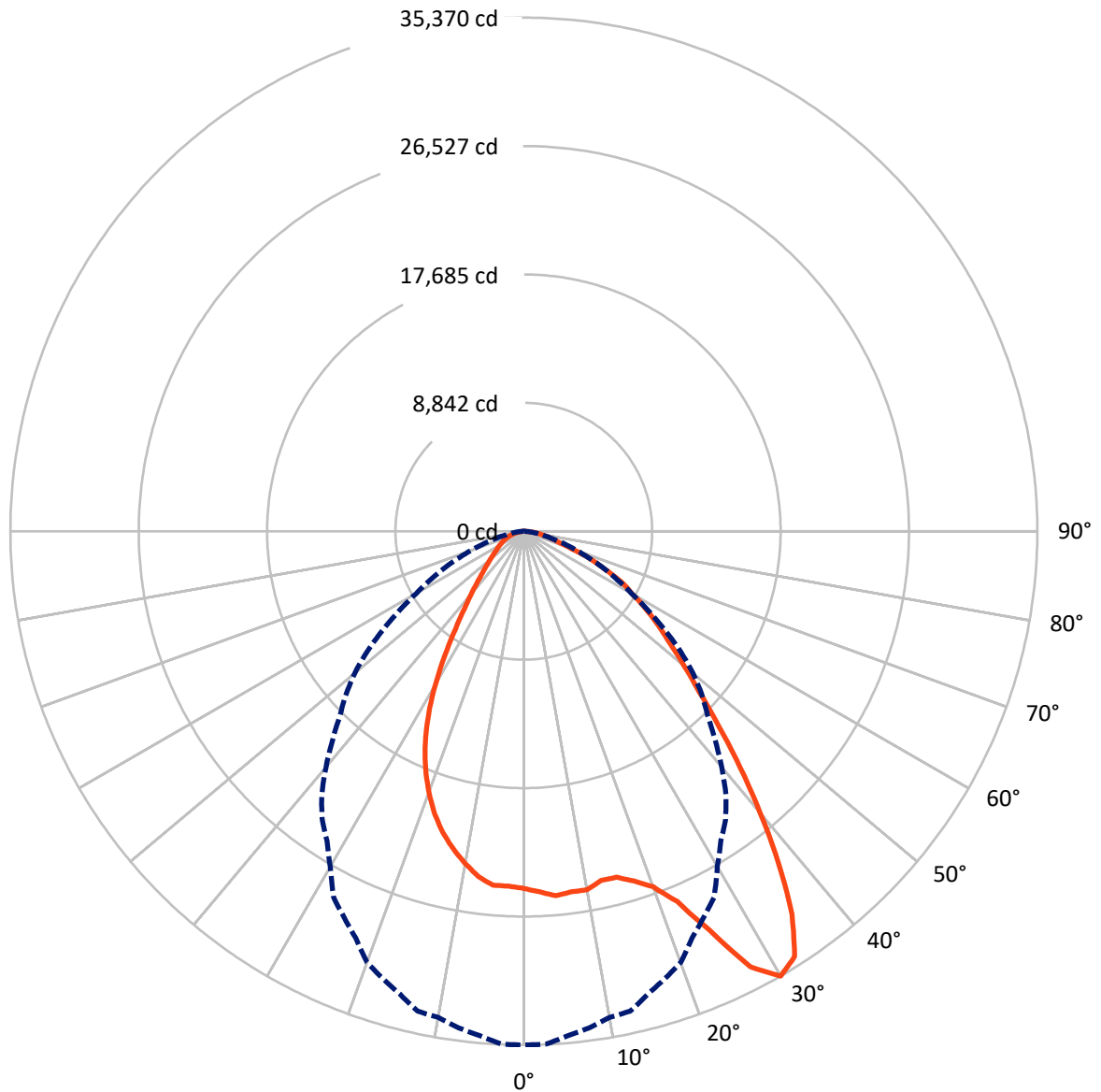
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Lumen Table



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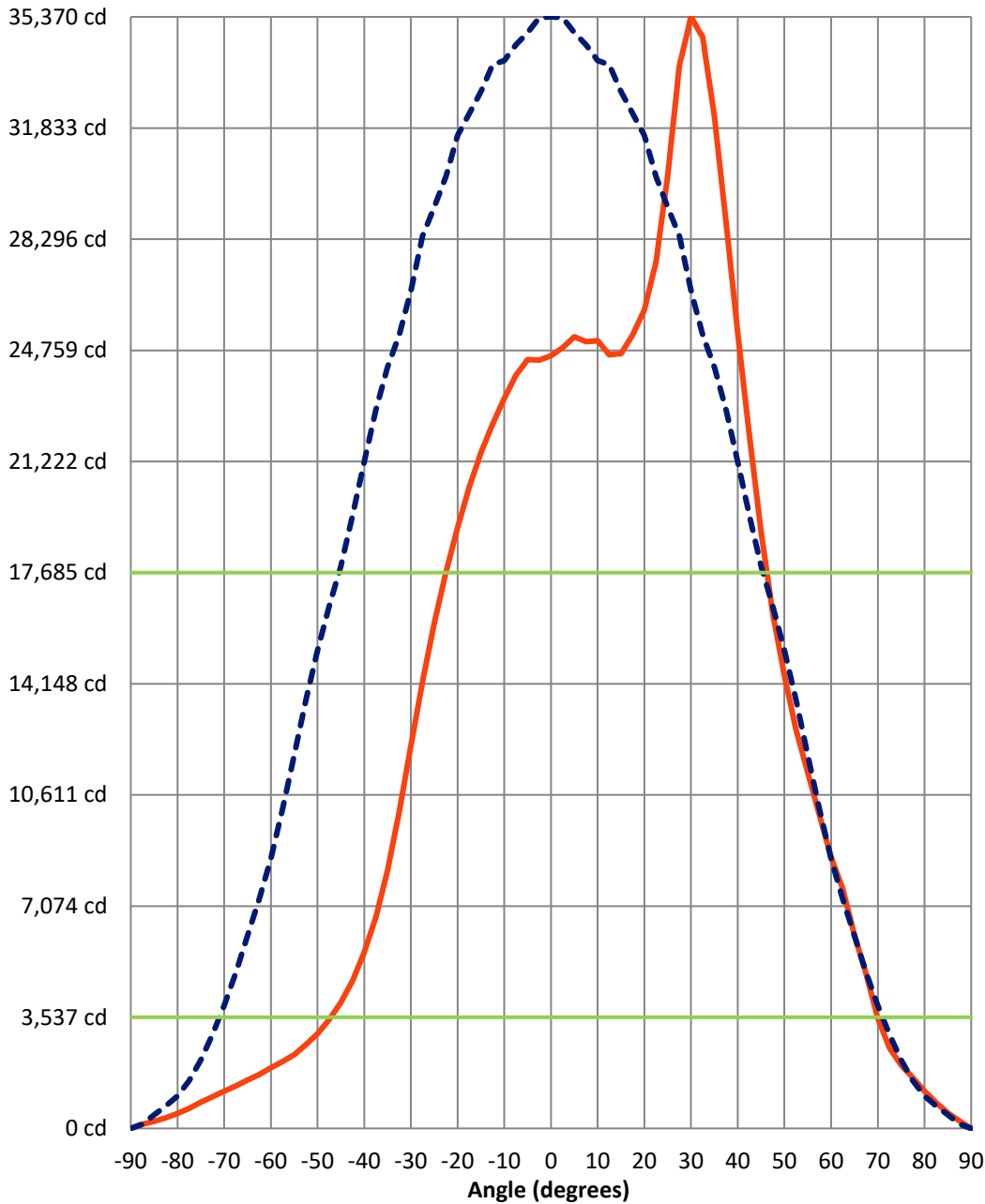
Luminous Intensity Polar Plot



— 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: 34332.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 55328.6
 Efficiency: 93.7%

Spill:
 Lumens: 3711.9
 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°	237.7	243.9	250.2	250.2	243.9	243.9	243.9	237.7	243.9	243.9	243.9
85°	494.1	506.6	519.1	512.9	506.6	494.1	481.6	487.9	494.1	500.4	500.4
82.5°	819.3	838.1	850.6	844.4	831.9	819.3	806.8	813.1	825.6	831.9	831.9
80°	1188.4	1194.6	1200.9	1213.4	1194.6	1194.6	1188.4	1213.4	1225.9	1238.4	1250.9
77.5°	1613.7	1619.9	1619.9	1626.2	1632.4	1638.7	1638.7	1682.5	1713.7	1732.5	1751.3
75°	2014.0	2032.7	2051.5	2070.3	2095.3	2107.8	2126.5	2189.1	2239.1	2276.7	2314.2
72.5°	2564.4	2589.4	2620.7	2664.4	2708.2	2739.5	2783.3	2858.3	2914.6	2952.1	2995.9
70°	3508.8	3533.8	3565.1	3596.4	3640.1	3671.4	3715.2	3809.0	3865.3	3890.3	3915.3
67.5°	4909.8	4972.4	5028.7	4966.1	4934.8	4891.1	4903.6	4991.1	5047.4	5084.9	5078.7
65°	6154.5	6198.3	6198.3	6192.0	6167.0	6110.7	6142.0	6248.3	6310.8	6342.1	6248.3
62.5°	7618.0	7618.0	7586.8	7636.8	7643.1	7605.5	7586.8	7593.0	7599.3	7618.0	7461.7
60°	8631.3	8693.8	8712.6	8756.4	8768.9	8768.9	8800.1	8825.2	8825.2	8787.6	8606.3
57.5°	9969.8	10088.6	10113.6	10082.3	10019.8	9938.5	9926.0	9888.4	9813.4	9738.3	9650.8
55°	11320.7	11383.3	11377.0	11358.3	11295.7	11201.9	11214.4	11164.4	11045.5	10951.7	10832.9
52.5°	12678.0	12828.1	12853.1	12815.6	12728.0	12627.9	12634.2	12577.9	12459.1	12359.0	12196.4
50°	14410.5	14535.6	14523.1	14460.5	14335.4	14260.4	14266.6	14160.3	14022.7	13991.4	13778.8
47.5°	16393.2	16537.0	16512.0	16424.4	16255.6	16224.3	16255.6	16118.0	16036.7	15967.9	15717.7
45°	18995.1	19163.9	19070.1	18901.2	18632.3	18663.6	18707.4	18682.3	18507.2	18325.8	18006.8
42.5°	22047.3	22153.6	22041.0	21872.2	21534.4	21597.0	21571.9	21421.8	21315.5	21015.3	20608.7
40°	25312.2	25543.6	25368.4	25105.8	24755.5	24849.3	24780.5	24586.6	24336.4	23961.2	23448.3
37.5°	28833.5	29014.9	28814.7	28508.2	28195.5	28164.2	28026.6	27726.4	27369.9	26957.1	26137.8
35°	32204.7	32673.8	32304.7	31816.9	31435.4	31291.5	31160.2	30465.9	30059.4	29390.1	28270.6
32.5°	34712.7	35056.7	34600.2	34093.5	33630.7	33430.6	32967.7	32142.1	31923.2	30515.9	29490.2
30°	35369.5	35344.5	34869.1	34481.3	33981.0	33843.4	32992.7	32292.2	31591.7	30290.8	29315.1
27.5°	33805.8	33649.5	33192.9	32855.1	32361.0	32198.4	31360.3	30985.0	29903.0	28802.2	27976.6
25°	30322.1	30403.4	30059.4	29890.5	29565.3	29215.0	28883.5	28376.9	27701.4	26738.2	25981.4
22.5°	27576.3	27682.6	27538.8	27338.6	27088.5	26894.6	26644.4	26250.3	25599.9	25005.7	24292.7
20°	26050.2	26018.9	25893.8	25743.7	25506.0	25368.4	25093.2	24761.8	24261.4	23748.5	22979.2
17.5°	25249.6	25055.7	24936.9	24880.6	24755.5	24580.4	24255.1	23917.4	23529.6	22947.9	22385.0
15°	24655.4	24686.7	24592.9	24549.1	24449.0	24205.1	23873.6	23598.4	23073.0	22779.1	22266.2
12.5°	24617.9	24586.6	24592.9	24574.1	24449.0	24136.3	23967.4	23617.2	23279.4	22891.6	22303.7
10°	25062.0	24730.5	24755.5	24843.1	24642.9	24392.7	24211.4	23829.8	23510.8	23016.7	22435.1
7.5°	25037.0	24868.1	24918.1	24774.3	24836.8	24530.3	24280.2	23898.6	23498.3	22973.0	22447.6
5°	25187.1	24930.6	24886.8	24899.4	24743.0	24511.6	24173.8	23811.1	23435.8	22847.9	22310.0
2.5°	24843.1	24880.6	24680.4	24605.4	24586.6	24198.8	23886.1	23535.9	23148.1	22629.0	22147.4
0°	24586.6	24655.4	24449.0	24342.7	24336.4	24005.0	23804.8	23404.5	23129.3	22697.8	22116.1
-2.5°	24449.0	24530.3	24555.4	24361.5	24173.8	23917.4	23579.6	23148.1	22697.8	22197.4	21697.0
-5°	24461.5	24298.9	24230.1	24292.7	24130.0	23873.6	23498.3	23116.8	22672.7	22134.8	21509.4
-7.5°	23967.4	23804.8	23792.3	23761.0	23723.5	23479.6	23166.8	22754.0	22303.7	21803.4	21221.7
-10°	23229.4	23110.6	23079.3	23048.0	22947.9	22804.1	22510.1	22134.8	21728.3	21227.9	20608.7
-12.5°	22410.0	22353.8	22234.9	22153.6	22053.5	21884.7	21603.2	21259.2	20852.7	20408.6	19877.0
-15°	21503.1	21396.8	21278.0	21209.2	21065.3	20865.2	20583.7	20264.7	19820.7	19382.8	18882.5
-17.5°	20408.6	20277.2	20145.9	20127.1	20027.1	19720.6	19457.9	19070.1	18682.3	18263.3	17775.4
-20°	19120.2	18938.8	18851.2	18801.2	18663.6	18438.4	18157.0	17800.4	17425.2	17024.9	16462.0



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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°	17694.1	17537.8	17387.6	17293.8	17175.0	16999.9	16730.9	16418.2	16049.2	15598.8	15079.7
-25°	16074.2	15855.3	15761.5	15655.1	15592.6	15430.0	15167.3	14879.6	14498.0	14060.2	13566.1
-27.5°	14222.8	14047.7	13997.7	13847.6	13772.5	13603.6	13384.7	13115.8	12765.5	12352.7	11946.2
-30°	12177.6	12071.3	11990.0	11839.9	11783.6	11602.2	11458.3	11233.2	10914.2	10620.2	10295.0
-32.5°	10076.1	9969.8	9944.7	9875.9	9838.4	9719.6	9557.0	9394.3	9137.9	8919.0	8656.3
-35°	8212.2	8137.2	8143.4	8137.2	8099.6	8012.1	7811.9	7768.1	7580.5	7380.4	7211.5
-37.5°	6723.6	6729.9	6723.6	6717.4	6667.3	6629.8	6486.0	6429.7	6317.1	6123.2	6023.1
-40°	5604.1	5616.6	5610.3	5597.8	5541.5	5522.8	5428.9	5353.9	5310.1	5172.5	5066.2
-42.5°	4697.2	4715.9	4709.7	4703.4	4665.9	4659.6	4609.6	4522.0	4497.0	4415.7	4303.1
-45°	4009.2	4002.9	3990.4	4002.9	3984.1	3965.4	3934.1	3877.8	3846.5	3809.0	3715.2
-47.5°	3465.0	3471.3	3458.8	3458.8	3433.7	3415.0	3402.5	3364.9	3339.9	3308.7	3252.4
-50°	3014.7	3039.7	3033.5	3027.2	3008.4	2995.9	2995.9	2958.4	2920.9	2908.4	2870.8
-52.5°	2664.4	2683.2	2689.5	2702.0	2708.2	2714.5	2695.7	2658.2	2595.6	2589.4	2570.6
-55°	2345.5	2401.7	2439.3	2464.3	2489.3	2508.1	2470.5	2420.5	2358.0	2332.9	2326.7
-57.5°	2126.5	2182.8	2226.6	2264.1	2295.4	2326.7	2289.2	2239.1	2182.8	2151.6	2145.3
-60°	1926.4	1976.4	2020.2	2070.3	2114.0	2164.1	2145.3	2107.8	2076.5	2051.5	2026.5
-62.5°	1713.7	1763.8	1813.8	1876.4	1932.7	1982.7	1988.9	1982.7	1976.4	1982.7	1938.9
-65°	1538.6	1563.6	1594.9	1663.7	1726.3	1782.5	1813.8	1832.6	1863.9	1895.1	1851.3
-67.5°	1351.0	1382.3	1419.8	1469.8	1519.9	1557.4	1601.2	1651.2	1701.2	1751.3	1720.0
-70°	1182.1	1207.1	1238.4	1263.4	1294.7	1319.7	1357.2	1413.5	1469.8	1519.9	1507.3
-72.5°	1007.0	1032.0	1050.8	1063.3	1082.0	1094.5	1113.3	1163.3	1200.9	1225.9	1225.9
-75°	831.9	856.9	875.6	881.9	894.4	900.7	913.2	931.9	950.7	956.9	963.2
-77.5°	638.0	663.0	681.7	694.3	706.8	719.3	725.5	738.0	744.3	744.3	750.5
-80°	475.3	494.1	506.6	525.4	531.6	544.1	556.7	562.9	569.2	569.2	575.4
-82.5°	337.7	350.3	362.8	375.3	387.8	394.0	406.5	412.8	419.1	425.3	431.6
-85°	225.2	237.7	250.2	262.7	268.9	275.2	281.5	287.7	294.0	300.2	306.5
-87.5°	131.3	137.6	143.9	156.4	162.6	175.1	181.4	175.1	181.4	181.4	181.4
-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°	243.9	243.9	243.9	243.9	237.7	225.2	218.9	206.4	193.9	181.4	168.9
85°	506.6	512.9	512.9	512.9	500.4	494.1	475.3	456.6	431.6	394.0	362.8
82.5°	844.4	850.6	850.6	844.4	831.9	813.1	788.1	756.8	706.8	656.7	612.9
80°	1269.7	1275.9	1275.9	1269.7	1238.4	1207.1	1175.9	1138.3	1075.8	1007.0	931.9
77.5°	1776.3	1788.8	1788.8	1770.0	1726.3	1688.7	1638.7	1576.1	1482.3	1382.3	1282.2
75°	2364.2	2395.5	2401.7	2383.0	2326.7	2257.9	2176.6	2070.3	1926.4	1801.3	1682.5
72.5°	3046.0	3077.2	3102.3	3077.2	2995.9	2902.1	2783.3	2658.2	2514.3	2345.5	2145.3
70°	3940.4	3971.6	3990.4	3909.1	3765.2	3608.9	3465.0	3321.2	3152.3	2945.9	2727.0
67.5°	5066.2	5034.9	4997.4	4834.8	4653.4	4465.7	4265.6	4052.9	3834.0	3615.1	3358.7
65°	6148.2	6060.7	5979.3	5785.5	5554.0	5310.1	5078.7	4841.0	4578.3	4303.1	4059.2
62.5°	7286.5	7098.9	6898.8	6661.1	6423.4	6154.5	5923.1	5641.6	5347.6	5009.9	4697.2
60°	8406.1	8180.9	7980.8	7686.8	7374.1	7011.3	6761.2	6486.0	6142.0	5779.2	5410.2
57.5°	9488.2	9244.2	9025.3	8768.9	8431.1	8037.1	7761.9	7405.4	7042.6	6586.0	6210.8
55°	10639.0	10395.1	10219.9	9932.2	9563.2	9200.4	8900.2	8524.9	8018.3	7530.5	7067.6
52.5°	11958.7	11764.8	11577.2	11283.2	10839.1	10470.1	10138.6	9719.6	9187.9	8587.5	8030.8
50°	13434.8	13334.7	13134.6	12790.6	12283.9	11958.7	11520.9	10964.2	10395.1	9763.4	9069.1
47.5°	15392.4	15229.8	14948.4	14573.1	14147.8	13659.9	13072.0	12421.5	11614.7	10914.2	10176.2
45°	17731.6	17431.4	17068.7	16562.0	16036.7	15486.3	14842.0	14016.4	12934.4	12021.2	11245.7
42.5°	20264.7	19858.2	19364.1	18701.1	18019.4	17343.9	16649.6	15523.8	14172.8	13122.0	12246.4
40°	22910.4	22391.3	21772.1	20808.9	20052.1	19182.7	18388.4	16705.9	15267.4	14129.0	13197.1
37.5°	25499.8	24843.1	23804.8	22635.2	21753.3	21040.3	19295.3	17494.0	16205.5	14954.6	14010.2
35°	27482.5	26925.8	25093.2	23879.9	23123.1	21997.2	19814.4	17969.3	16605.8	15567.6	14097.8
32.5°	28658.3	27219.8	25612.4	24386.5	23761.0	21915.9	19851.9	18106.9	16793.5	15630.1	13872.6
30°	28395.7	26656.9	25249.6	24223.9	22866.6	21209.2	19501.7	17894.3	16618.3	15211.1	13622.4
27.5°	26813.2	25468.5	24211.4	23141.8	21809.6	20321.0	18744.9	17331.4	16143.0	14779.5	13278.4
25°	25024.4	23804.8	22872.9	21941.0	20677.5	19257.8	17869.2	16849.8	15655.1	14310.4	12828.1
22.5°	23379.5	22503.9	21772.1	20796.4	19564.2	18325.8	17462.7	16405.7	15179.8	13816.3	12365.2
20°	22328.7	21734.6	20896.4	19820.7	18851.2	18075.6	17118.7	15999.1	14735.7	13309.7	11971.2
17.5°	21822.1	21134.1	20202.2	19501.7	18757.4	17906.8	16837.2	15648.9	14304.2	13078.3	12015.0
15°	21559.4	20833.9	20221.0	19533.0	18694.8	17800.4	16612.1	15379.9	14304.2	13172.1	12046.3
12.5°	21615.7	20990.3	20321.0	19570.5	18669.8	17712.9	16637.1	15492.5	14379.2	13240.9	12052.5
10°	21790.8	21134.1	20421.1	19589.2	18682.3	17737.9	16705.9	15561.3	14416.7	13272.2	12040.0
7.5°	21853.4	21140.4	20377.3	19539.2	18651.1	17725.4	16718.4	15580.1	14423.0	13265.9	12002.5
5°	21659.5	21015.3	20277.2	19432.9	18563.5	17662.8	16668.4	15555.1	14373.0	13203.4	11908.7
2.5°	21396.8	20877.7	20170.9	19357.8	18475.9	17575.3	16587.1	15442.5	14260.4	13090.8	11789.8
0°	21353.0	20708.8	19995.8	19270.3	18332.1	17381.4	16399.4	15229.8	14054.0	12878.1	11583.4
-2.5°	21065.3	20383.6	19670.6	18882.5	18056.9	17099.9	16067.9	14923.4	13760.0	12602.9	11358.3
-5°	20846.4	20089.6	19332.8	18482.2	17650.3	16693.4	15623.9	14510.6	13372.2	12246.4	11045.5
-7.5°	20552.4	19776.9	18982.6	18094.4	17193.8	16218.0	15161.0	14047.7	12928.2	11808.6	10657.8
-10°	19958.3	19276.5	18532.2	17612.8	16662.1	15686.4	14635.6	13541.1	12421.5	11289.5	10132.4
-12.5°	19239.0	18519.7	17706.6	16862.3	16011.6	15104.7	14054.0	12978.2	11852.4	10714.0	9563.2
-15°	18307.1	17600.3	16768.4	15942.8	15123.5	14254.1	13328.4	12359.0	11214.4	10094.8	8944.0
-17.5°	17143.7	16480.7	15736.4	14948.4	14135.3	13259.6	12359.0	11539.6	10470.1	9419.4	8281.0
-20°	15892.8	15273.6	14604.4	13860.1	13047.0	12190.1	11339.5	10482.6	9557.0	8631.3	7574.3



REPORT NUMBER: P722157
 CATALOG NUMBER: IFLD-L-SA7E-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	14591.9	13966.4	13290.9	12596.7	11846.1	11051.8	10263.7	9444.4	8631.3	7793.2	6898.8
-25°	13090.8	12540.4	11921.2	11245.7	10576.4	9882.2	9131.6	8387.3	7693.1	6967.6	6235.8
-27.5°	11520.9	11014.3	10451.4	9863.4	9288.0	8706.3	8055.9	7367.9	6792.4	6192.0	5585.3
-30°	9869.7	9463.1	9006.6	8493.7	8049.6	7580.5	7036.4	6467.2	5941.8	5485.2	4997.4
-32.5°	8306.0	7962.0	7636.8	7299.1	6861.2	6498.5	6123.2	5704.1	5241.3	4809.7	4459.5
-35°	6961.3	6592.3	6454.7	6204.5	5891.8	5572.8	5297.6	4997.4	4647.1	4265.6	3977.9
-37.5°	5829.2	5610.3	5416.4	5278.8	5072.4	4816.0	4597.1	4378.2	4109.2	3821.5	3533.8
-40°	4947.3	4797.2	4584.6	4515.8	4384.4	4209.3	3984.1	3815.3	3633.9	3415.0	3171.1
-42.5°	4240.6	4128.0	3990.4	3871.6	3815.3	3690.2	3515.1	3352.4	3208.6	3058.5	2870.8
-45°	3658.9	3583.9	3496.3	3390.0	3346.2	3246.1	3121.0	2939.6	2858.3	2733.2	2595.6
-47.5°	3189.8	3152.3	3089.7	3020.9	2958.4	2883.3	2770.8	2658.2	2545.6	2464.3	2358.0
-50°	2820.8	2795.8	2758.3	2702.0	2620.7	2570.6	2495.6	2395.5	2289.2	2220.4	2145.3
-52.5°	2526.8	2501.8	2476.8	2433.0	2370.5	2320.4	2257.9	2176.6	2089.0	2020.2	1957.7
-55°	2301.7	2264.1	2245.4	2207.9	2157.8	2101.5	2045.2	1988.9	1913.9	1851.3	1788.8
-57.5°	2126.5	2076.5	2051.5	2020.2	1970.2	1913.9	1870.1	1813.8	1763.8	1695.0	1638.7
-60°	1988.9	1932.7	1882.6	1851.3	1807.6	1751.3	1707.5	1663.7	1613.7	1557.4	1488.6
-62.5°	1876.4	1807.6	1738.8	1701.2	1657.5	1607.4	1563.6	1519.9	1469.8	1413.5	1351.0
-65°	1770.0	1688.7	1601.2	1563.6	1519.9	1469.8	1413.5	1382.3	1338.5	1288.4	1225.9
-67.5°	1638.7	1551.1	1476.1	1432.3	1388.5	1344.7	1294.7	1263.4	1219.6	1157.1	1094.5
-70°	1444.8	1388.5	1338.5	1300.9	1263.4	1225.9	1175.9	1125.8	1075.8	1019.5	963.2
-72.5°	1200.9	1182.1	1175.9	1157.1	1113.3	1069.5	1019.5	969.5	925.7	881.9	838.1
-75°	969.5	982.0	994.5	988.2	944.4	900.7	856.9	813.1	781.8	744.3	706.8
-77.5°	769.3	781.8	794.3	794.3	763.1	738.0	706.8	675.5	650.5	619.2	581.7
-80°	594.2	612.9	631.7	644.2	619.2	600.4	575.4	550.4	525.4	500.4	475.3
-82.5°	450.3	469.1	487.9	500.4	481.6	469.1	450.3	431.6	412.8	387.8	369.0
-85°	325.2	337.7	350.3	356.5	344.0	331.5	319.0	306.5	294.0	275.2	262.7
-87.5°	187.6	193.9	200.1	206.4	193.9	181.4	175.1	162.6	156.4	143.9	137.6
-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-L-SA7E-760-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°	156.4	143.9	131.3	125.1	112.6	93.8	81.3	68.8	56.3	43.8	37.5
85°	331.5	300.2	262.7	243.9	218.9	193.9	168.9	143.9	118.8	93.8	68.8
82.5°	569.2	531.6	494.1	450.3	394.0	325.2	256.4	212.7	175.1	137.6	106.3
80°	856.9	788.1	725.5	669.2	606.7	519.1	425.3	337.7	237.7	181.4	137.6
77.5°	1188.4	1107.1	1019.5	925.7	825.6	706.8	600.4	487.9	369.0	250.2	175.1
75°	1563.6	1457.3	1338.5	1207.1	1075.8	919.4	769.3	638.0	500.4	350.3	212.7
72.5°	1982.7	1851.3	1707.5	1532.4	1326.0	1144.6	963.2	788.1	625.5	444.1	287.7
70°	2520.6	2314.2	2101.5	1913.9	1651.2	1363.5	1150.8	950.7	744.3	544.1	362.8
67.5°	3096.0	2845.8	2589.4	2314.2	1982.7	1644.9	1338.5	1113.3	869.4	638.0	431.6
65°	3721.5	3408.7	3083.5	2777.0	2320.4	1920.1	1576.1	1269.7	988.2	725.5	500.4
62.5°	4365.7	3996.7	3621.4	3221.1	2695.7	2201.6	1801.3	1444.8	1100.8	806.8	562.9
60°	5053.7	4622.1	4165.5	3665.2	3052.2	2508.1	2014.0	1626.2	1219.6	888.1	631.7
57.5°	5779.2	5310.1	4772.2	4096.7	3421.2	2802.0	2257.9	1788.8	1326.0	963.2	681.7
55°	6567.3	6029.4	5441.5	4547.1	3784.0	3096.0	2501.8	1951.4	1438.5	1025.7	731.8
52.5°	7417.9	6792.4	6048.1	5022.4	4165.5	3396.2	2727.0	2095.3	1544.9	1094.5	775.6
50°	8368.6	7580.5	6579.8	5460.2	4497.0	3677.7	2952.1	2251.6	1632.4	1169.6	813.1
47.5°	9356.8	8506.2	7055.1	5866.8	4834.8	3952.9	3183.6	2389.2	1720.0	1232.1	850.6
45°	10388.8	9150.4	7549.2	6229.5	5128.7	4203.1	3358.7	2514.3	1826.3	1288.4	881.9
42.5°	11408.3	9638.3	7980.8	6592.3	5403.9	4428.2	3502.5	2633.2	1913.9	1344.7	913.2
40°	11889.9	10007.3	8324.8	6842.5	5635.3	4628.4	3627.6	2739.5	1988.9	1382.3	944.4
37.5°	12090.0	10232.4	8550.0	7080.1	5816.7	4734.7	3734.0	2833.3	2051.5	1419.8	969.5
35°	12133.8	10313.8	8662.5	7242.8	5966.8	4834.8	3815.3	2902.1	2101.5	1457.3	994.5
32.5°	12052.5	10288.7	8693.8	7299.1	6060.7	4909.8	3871.6	2952.1	2139.1	1494.8	1019.5
30°	11871.1	10157.4	8581.2	7292.8	6129.5	4953.6	3909.1	2989.7	2176.6	1519.9	1032.0
27.5°	11577.2	9926.0	8437.4	7299.1	6167.0	4972.4	3927.9	3008.4	2201.6	1538.6	1057.0
25°	11214.4	9613.2	8443.6	7286.5	6173.2	4978.6	3927.9	3008.4	2207.9	1544.9	1075.8
22.5°	10795.4	9613.2	8443.6	7267.8	6135.7	4966.1	3909.1	2995.9	2207.9	1557.4	1094.5
20°	10820.4	9619.5	8424.9	7230.3	6079.4	4928.6	3865.3	2964.7	2189.1	1576.1	1107.1
17.5°	10839.1	9607.0	8387.3	7180.2	6004.4	4866.0	3809.0	2920.9	2189.1	1594.9	1113.3
15°	10839.1	9569.5	8331.1	7105.2	5910.5	4778.5	3727.7	2883.3	2195.3	1601.2	1125.8
12.5°	10820.4	9500.7	8243.5	7005.1	5798.0	4672.1	3677.7	2870.8	2195.3	1607.4	1125.8
10°	10782.8	9406.8	8130.9	6880.0	5691.6	4634.6	3652.7	2845.8	2182.8	1607.4	1125.8
7.5°	10714.0	9294.3	8037.1	6804.9	5629.1	4590.8	3615.1	2808.3	2164.1	1594.9	1138.3
5°	10607.7	9231.7	7962.0	6717.4	5541.5	4559.6	3590.1	2777.0	2151.6	1594.9	1125.8
2.5°	10470.1	9156.7	7874.5	6604.8	5441.5	4453.2	3508.8	2708.2	2107.8	1569.9	1113.3
0°	10245.0	9006.6	7724.4	6448.4	5303.9	4346.9	3427.5	2639.4	2064.0	1544.9	1100.8
-2.5°	10038.6	8806.4	7530.5	6285.8	5172.5	4253.1	3364.9	2601.9	2045.2	1538.6	1094.5
-5°	9750.8	8531.2	7274.0	6073.2	4997.4	4159.3	3302.4	2558.1	2026.5	1526.1	1094.5
-7.5°	9431.9	8243.5	7005.1	5854.3	4822.3	3996.7	3183.6	2489.3	1982.7	1501.1	1088.3
-10°	8937.7	7811.9	6667.3	5604.1	4634.6	3852.8	3083.5	2426.8	1945.2	1476.1	1063.3
-12.5°	8412.4	7336.6	6279.6	5297.6	4422.0	3702.7	2970.9	2358.0	1901.4	1451.1	1050.8
-15°	7855.7	6848.7	5873.0	4978.6	4190.5	3521.3	2852.1	2282.9	1857.6	1419.8	1032.0
-17.5°	7274.0	6335.9	5454.0	4653.4	3959.1	3333.7	2727.0	2214.1	1807.6	1388.5	1013.2
-20°	6661.1	5810.5	5028.7	4321.9	3715.2	3146.0	2595.6	2132.8	1751.3	1351.0	988.2



REPORT NUMBER: P722157
 CATALOG NUMBER: IFLD-L-SA7E-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	6054.4	5291.3	4590.8	3996.7	3465.0	2952.1	2464.3	2051.5	1688.7	1307.2	969.5
-25°	5516.5	4803.5	4203.1	3683.9	3221.1	2764.5	2326.7	1970.2	1619.9	1263.4	944.4
-27.5°	4991.1	4384.4	3821.5	3390.0	2983.4	2583.1	2195.3	1882.6	1551.1	1213.4	919.4
-30°	4503.3	3984.1	3521.3	3102.3	2758.3	2420.5	2082.8	1795.1	1476.1	1163.3	888.1
-32.5°	4059.2	3640.1	3252.4	2852.1	2545.6	2257.9	1976.4	1707.5	1401.0	1113.3	856.9
-35°	3646.4	3321.2	2983.4	2645.7	2332.9	2107.8	1863.9	1613.7	1332.2	1057.0	825.6
-37.5°	3277.4	3014.7	2745.7	2458.0	2189.1	1963.9	1757.5	1519.9	1263.4	1007.0	794.3
-40°	2958.4	2745.7	2508.1	2276.7	2051.5	1838.8	1651.2	1426.0	1194.6	969.5	763.1
-42.5°	2664.4	2501.8	2307.9	2114.0	1913.9	1726.3	1544.9	1326.0	1125.8	925.7	731.8
-45°	2439.3	2276.7	2120.3	1945.2	1776.3	1613.7	1432.3	1238.4	1063.3	875.6	700.5
-47.5°	2226.6	2082.8	1938.9	1795.1	1657.5	1507.3	1326.0	1163.3	994.5	831.9	675.5
-50°	2039.0	1901.4	1776.3	1651.2	1532.4	1388.5	1219.6	1088.3	938.2	788.1	644.2
-52.5°	1863.9	1745.0	1619.9	1519.9	1419.8	1275.9	1138.3	1013.2	881.9	738.0	612.9
-55°	1707.5	1594.9	1482.3	1388.5	1294.7	1169.6	1057.0	950.7	825.6	700.5	581.7
-57.5°	1557.4	1463.6	1357.2	1269.7	1175.9	1075.8	982.0	881.9	769.3	663.0	550.4
-60°	1419.8	1332.2	1238.4	1150.8	1069.5	988.2	900.7	819.3	719.3	619.2	519.1
-62.5°	1282.2	1207.1	1125.8	1038.3	975.7	900.7	831.9	750.5	669.2	581.7	462.8
-65°	1157.1	1088.3	1013.2	938.2	881.9	825.6	763.1	688.0	619.2	537.9	412.8
-67.5°	1032.0	969.5	906.9	844.4	794.3	750.5	688.0	631.7	575.4	487.9	362.8
-70°	913.2	863.1	806.8	756.8	719.3	669.2	625.5	575.4	525.4	425.3	306.5
-72.5°	800.6	750.5	706.8	669.2	638.0	594.2	556.7	519.1	450.3	356.5	256.4
-75°	669.2	638.0	612.9	581.7	550.4	519.1	487.9	444.1	375.3	287.7	200.1
-77.5°	550.4	531.6	512.9	487.9	462.8	437.8	400.3	356.5	300.2	225.2	162.6
-80°	450.3	431.6	419.1	394.0	375.3	350.3	312.7	275.2	218.9	175.1	131.3
-82.5°	344.0	331.5	319.0	306.5	287.7	262.7	225.2	193.9	162.6	131.3	100.1
-85°	243.9	237.7	225.2	212.7	193.9	175.1	150.1	131.3	112.6	87.6	68.8
-87.5°	125.1	118.8	112.6	106.3	100.1	87.6	75.1	62.5	56.3	43.8	31.3
-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: P722157
 CATALOG NUMBER: IFLD-L-SA7E-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	25.0	18.8	6.3	0.0
85°	50.0	31.3	12.5	0.0
82.5°	75.1	50.0	18.8	0.0
80°	100.1	62.5	31.3	0.0
77.5°	125.1	75.1	37.5	0.0
75°	150.1	93.8	43.8	0.0
72.5°	168.9	106.3	50.0	0.0
70°	200.1	125.1	56.3	0.0
67.5°	250.2	137.6	62.5	0.0
65°	294.0	150.1	68.8	0.0
62.5°	344.0	162.6	75.1	0.0
60°	387.8	175.1	81.3	0.0
57.5°	431.6	206.4	87.6	0.0
55°	469.1	231.4	93.8	0.0
52.5°	512.9	256.4	100.1	0.0
50°	550.4	281.5	106.3	0.0
47.5°	581.7	306.5	106.3	0.0
45°	606.7	325.2	112.6	0.0
42.5°	625.5	344.0	118.8	0.0
40°	644.2	362.8	125.1	0.0
37.5°	663.0	381.5	125.1	0.0
35°	681.7	400.3	131.3	0.0
32.5°	700.5	419.1	131.3	0.0
30°	713.0	431.6	137.6	0.0
27.5°	731.8	444.1	137.6	0.0
25°	738.0	456.6	143.9	0.0
22.5°	750.5	462.8	143.9	0.0
20°	763.1	475.3	143.9	0.0
17.5°	769.3	481.6	150.1	0.0
15°	769.3	487.9	156.4	0.0
12.5°	775.6	494.1	156.4	0.0
10°	775.6	506.6	150.1	0.0
7.5°	788.1	500.4	150.1	0.0
5°	781.8	500.4	150.1	0.0
2.5°	775.6	494.1	150.1	0.0
0°	769.3	494.1	150.1	0.0
-2.5°	769.3	494.1	150.1	0.0
-5°	769.3	494.1	150.1	0.0
-7.5°	763.1	500.4	150.1	0.0
-10°	750.5	500.4	150.1	0.0
-12.5°	744.3	481.6	150.1	0.0
-15°	738.0	475.3	150.1	0.0
-17.5°	725.5	469.1	143.9	0.0
-20°	713.0	462.8	143.9	0.0



REPORT NUMBER: P722157
 CATALOG NUMBER: IFLD-L-SA7E-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	700.5	450.3	143.9	0.0
-25°	688.0	437.8	137.6	0.0
-27.5°	675.5	425.3	137.6	0.0
-30°	656.7	412.8	131.3	0.0
-32.5°	638.0	400.3	131.3	0.0
-35°	625.5	381.5	125.1	0.0
-37.5°	606.7	362.8	125.1	0.0
-40°	587.9	344.0	118.8	0.0
-42.5°	569.2	325.2	112.6	0.0
-45°	544.1	306.5	112.6	0.0
-47.5°	525.4	287.7	106.3	0.0
-50°	494.1	262.7	100.1	0.0
-52.5°	456.6	237.7	93.8	0.0
-55°	419.1	218.9	87.6	0.0
-57.5°	381.5	193.9	87.6	0.0
-60°	344.0	168.9	81.3	0.0
-62.5°	306.5	156.4	75.1	0.0
-65°	268.9	143.9	68.8	0.0
-67.5°	225.2	125.1	62.5	0.0
-70°	187.6	112.6	56.3	0.0
-72.5°	162.6	100.1	50.0	0.0
-75°	137.6	87.6	43.8	0.0
-77.5°	118.8	75.1	37.5	0.0
-80°	93.8	56.3	25.0	0.0
-82.5°	68.8	43.8	18.8	0.0
-85°	43.8	31.3	12.5	0.0
-87.5°	25.0	12.5	6.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)