

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: P722596

Luminaire Tested: **IFLD-L-SA8D-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722596
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	41903.3 lumens	Max Intensity:	29253.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' 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:	26732.5 lumens	Field Lumens:	39505.5 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

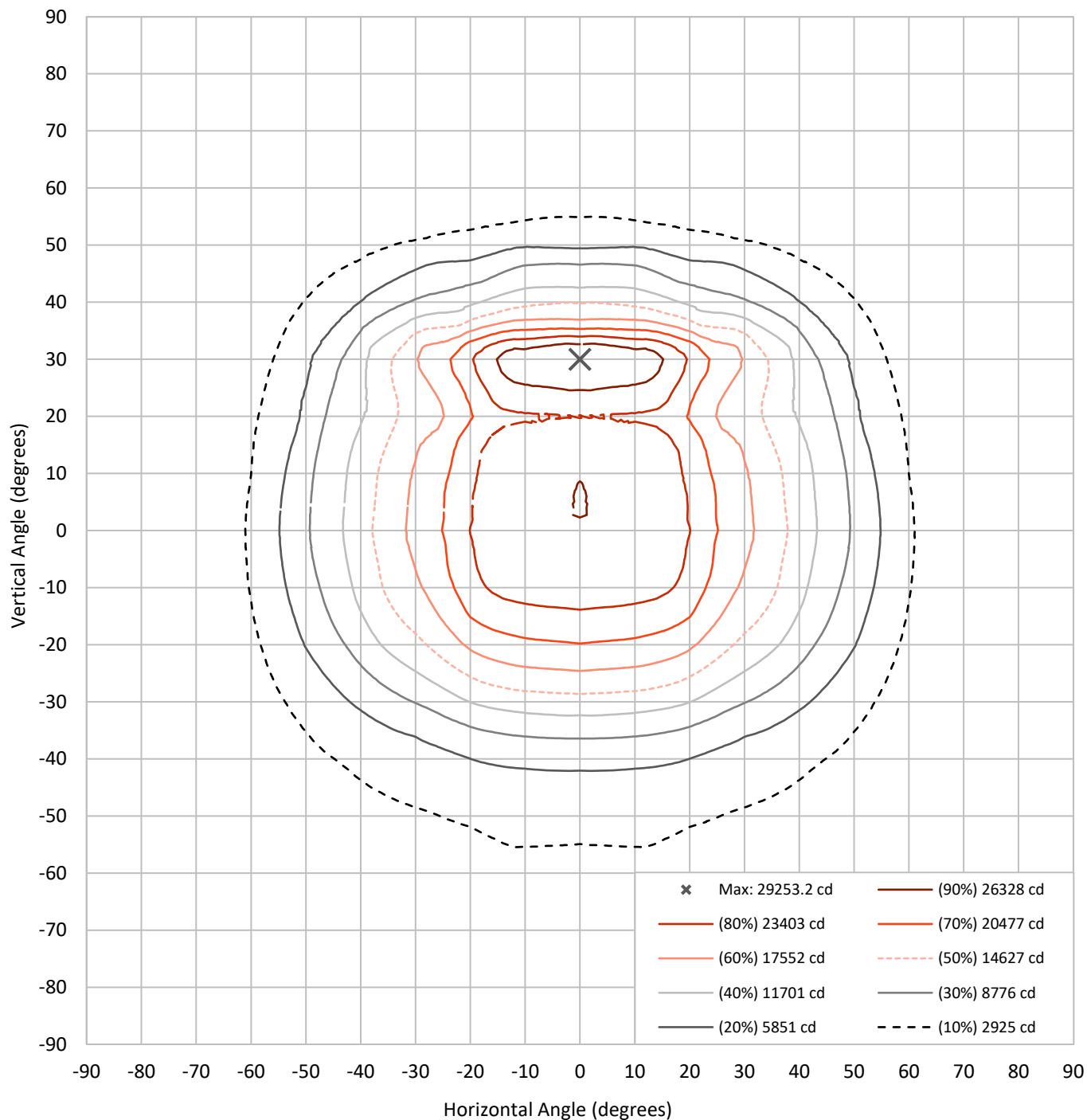
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

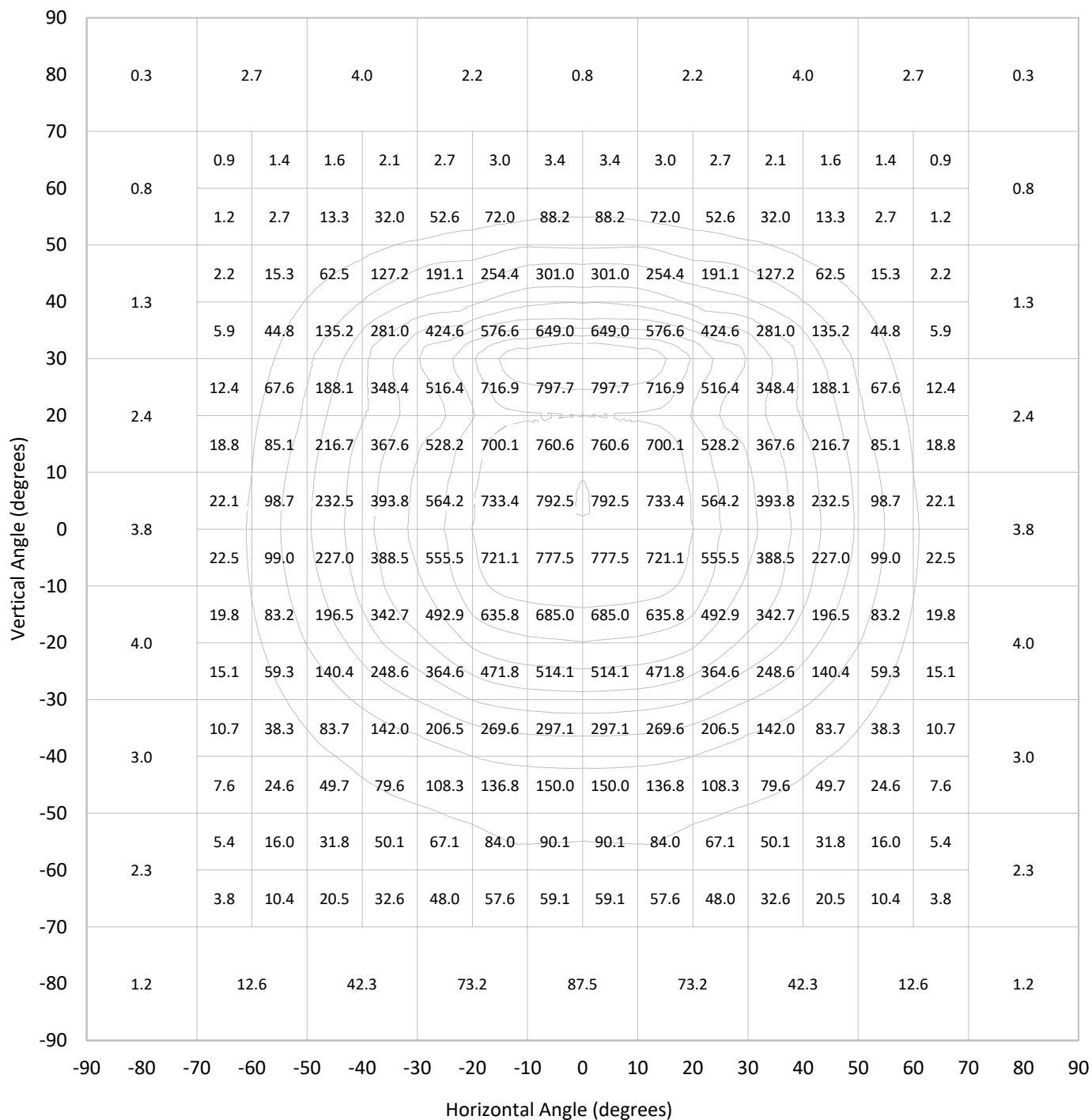
Iso-Candela Plot



REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

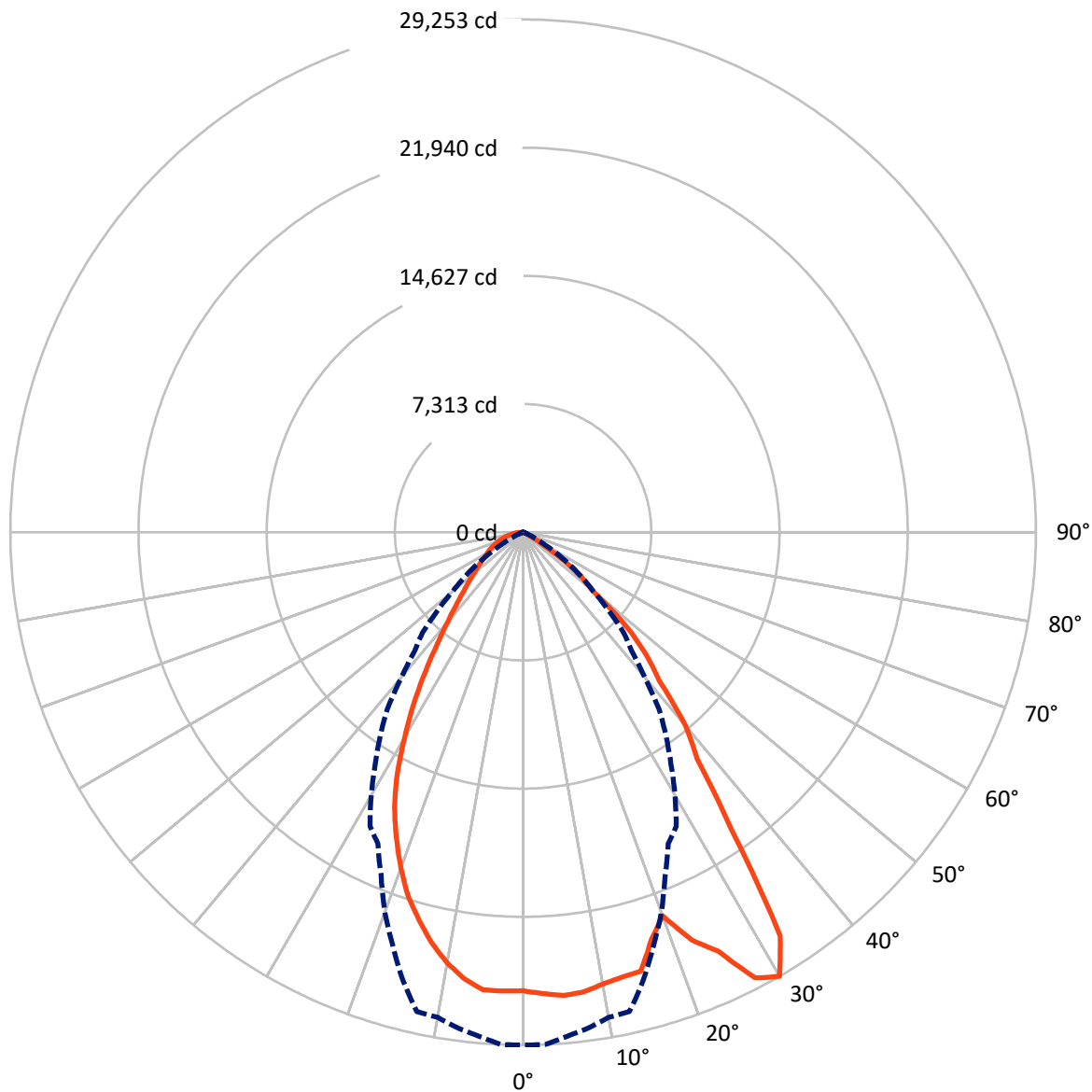
Lumen Table



REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

Luminous Intensity Polar Plot



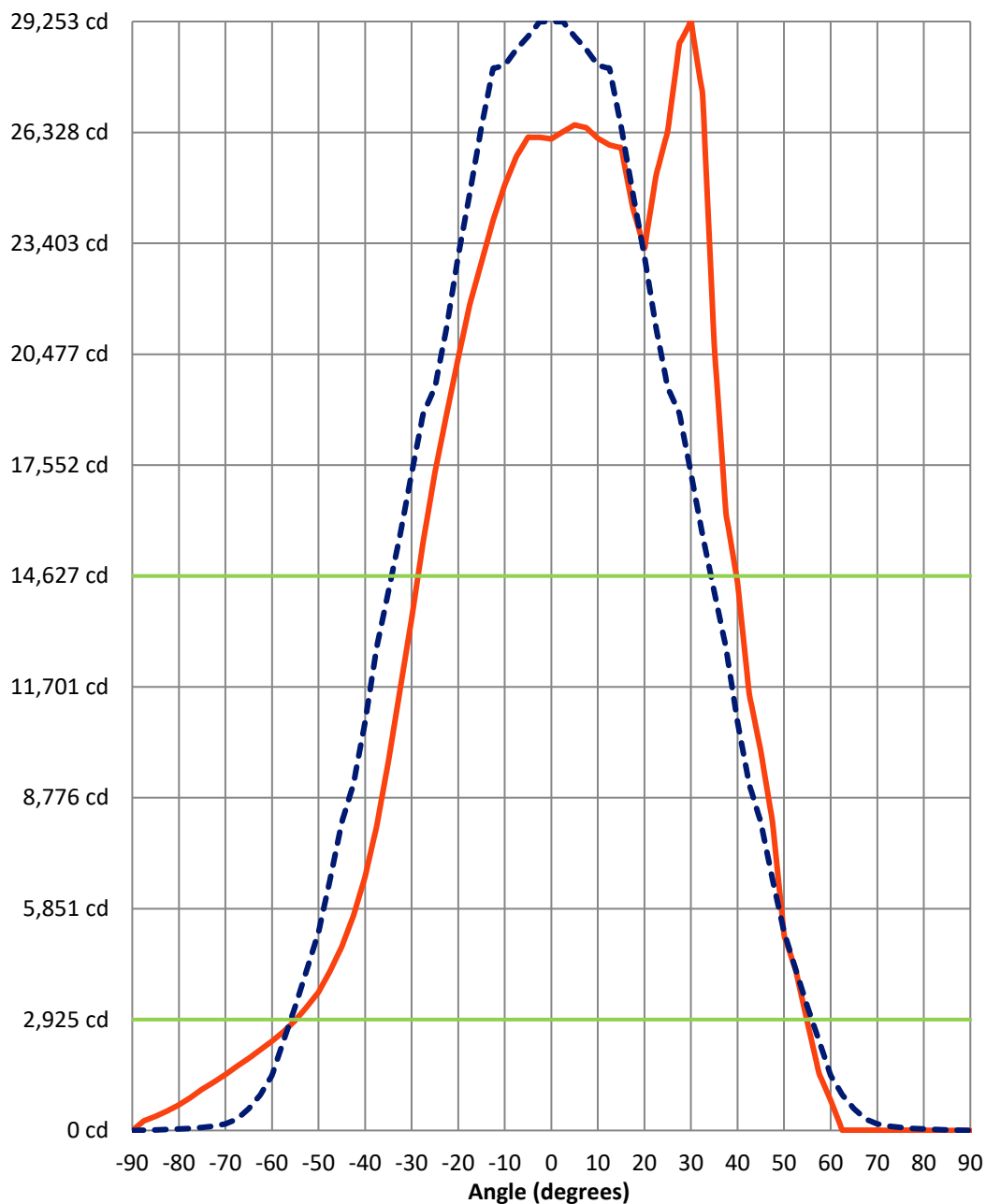
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26732.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 39505.5

Efficiency: 94.3%

Spill:

Lumens: 2397.9

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

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	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	0.0	6.7	6.7	6.7	13.3	13.3	13.3	13.3	13.3	13.3	20.0
82.5°	0.0	6.7	6.7	6.7	13.3	13.3	13.3	13.3	20.0	20.0	26.7
80°	6.7	6.7	6.7	6.7	13.3	13.3	13.3	20.0	20.0	26.7	26.7
77.5°	6.7	6.7	6.7	13.3	13.3	13.3	20.0	20.0	26.7	26.7	33.4
75°	6.7	6.7	6.7	13.3	13.3	20.0	20.0	20.0	26.7	26.7	33.4
72.5°	0.0	6.7	6.7	13.3	13.3	20.0	20.0	20.0	26.7	26.7	26.7
70°	6.7	6.7	6.7	13.3	13.3	20.0	20.0	20.0	26.7	26.7	26.7
67.5°	6.7	6.7	6.7	13.3	13.3	20.0	20.0	26.7	26.7	26.7	33.4
65°	6.7	6.7	6.7	13.3	20.0	20.0	26.7	33.4	33.4	40.0	46.7
62.5°	6.7	13.3	13.3	20.0	26.7	33.4	73.4	113.4	113.4	80.1	66.7
60°	793.9	860.6	853.9	773.9	673.8	567.1	547.0	527.0	487.0	427.0	447.0
57.5°	1507.7	1587.7	1621.1	1601.1	1547.7	1454.3	1401.0	1340.9	1260.9	1167.5	1060.7
55°	2855.3	2888.6	2815.2	2675.1	2521.7	2368.3	2314.9	2234.9	2114.8	1994.7	1834.6
52.5°	4222.9	4336.3	4302.9	4162.8	3956.0	3682.5	3382.3	3148.8	3008.7	2875.3	2715.2
50°	5156.8	5203.5	5296.9	5463.7	5523.8	5337.0	4850.0	4222.9	3775.9	4002.7	3829.3
47.5°	8138.9	8372.4	8325.7	8205.6	8005.4	7498.4	6818.0	6257.6	5790.6	5637.2	5663.8
45°	10000.1	10093.5	10060.2	10006.8	9913.4	9439.7	8685.9	7825.3	7391.7	7218.2	7038.1
42.5°	11527.8	11627.9	11647.9	11654.6	11554.5	11120.9	10440.4	9579.8	9146.2	8645.9	8252.3
40°	14443.1	14589.9	14423.1	14203.0	13869.4	13375.7	12708.6	11914.8	11147.6	10533.8	10066.8
37.5°	16304.4	16484.5	16551.2	16537.9	16464.5	16251.0	15430.5	14676.6	13502.5	12128.2	12375.1
35°	20720.7	20907.5	20854.2	20654.0	20547.3	20320.5	19519.9	18626.0	17151.6	15657.3	15257.0
32.5°	27305.2	27712.1	26951.6	26117.7	25604.1	25784.2	24970.3	22782.1	22101.7	19406.5	18159.0
30°	29253.2	29246.5	28859.6	28519.4	28099.1	28012.4	26478.0	24730.1	23062.3	21174.4	19600.0
27.5°	28659.5	28539.4	28212.5	27965.7	27572.1	27365.2	25864.2	24476.6	22548.6	20860.8	19339.8
25°	26371.2	26464.6	26131.1	26084.4	25930.9	25530.7	24783.5	23222.4	21501.3	19633.3	18539.3
22.5°	25190.4	25157.1	24756.8	24523.3	24710.1	24283.2	23982.9	22408.5	20614.0	19039.6	17725.4
20°	23269.1	23275.8	23175.7	23155.7	23042.3	22848.8	22608.7	21494.6	20227.1	18879.5	17298.4
17.5°	24343.2	24616.7	24736.8	23742.8	24023.0	23802.8	23549.3	21994.9	21041.0	19846.8	17785.4
15°	25917.6	25817.5	25697.4	25644.1	25490.6	25283.8	24823.5	23582.7	21941.6	20707.4	19099.6
12.5°	25997.7	25804.2	25757.5	25750.8	25590.7	25303.8	24856.9	23829.5	22375.2	20874.2	19566.6
10°	26171.1	25971.0	25944.3	25977.6	25730.8	25550.7	25103.7	24149.7	22508.6	21161.0	19926.9
7.5°	26451.3	26117.7	26271.2	26171.1	26057.7	25770.8	25290.5	24356.5	22995.6	21541.3	20247.1
5°	26524.7	26157.8	26324.5	26231.1	26064.4	25784.2	25263.8	24490.0	23295.8	21694.7	20373.8
2.5°	26344.6	26237.8	26164.4	25991.0	25917.6	25610.7	25117.1	24289.8	23155.7	21628.0	20347.1
0°	26157.8	26251.2	26084.4	25910.9	25877.6	25630.7	25210.4	24463.3	23482.6	21814.8	20574.0
-2.5°	26197.8	26124.4	26011.0	25830.9	25657.4	25303.8	24923.6	24223.1	23169.1	21407.9	20253.8
-5°	26197.8	25857.6	25870.9	25877.6	25704.1	25337.2	24876.9	24283.2	22982.3	21401.2	20160.4
-7.5°	25690.8	25397.2	25350.5	25310.5	25263.8	24923.6	24563.3	23822.8	22668.7	21227.7	19900.2
-10°	24943.6	24656.7	24683.4	24623.4	24476.6	24249.8	23976.3	23309.2	22361.8	20680.7	19373.2
-12.5°	24009.6	23882.9	23809.5	23709.4	23562.7	23362.5	23082.3	22455.2	21441.2	20006.9	18766.1
-15°	22902.2	22808.8	22742.1	22682.1	22468.6	22261.8	21894.9	21314.5	20680.7	19139.7	17872.1
-17.5°	21794.8	21561.3	21467.9	21387.9	21247.8	20914.2	20580.6	20147.0	19259.7	18038.9	16951.5
-20°	20373.8	20233.7	20120.3	20013.6	19813.5	19553.3	19279.8	18779.4	18012.2	17024.9	15897.5

REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	18886.2	18806.1	18712.7	18579.3	18445.9	18199.0	17818.8	17338.4	16738.0	15670.6	14616.6
-25°	17351.8	17198.3	17084.9	16958.2	16851.4	16624.6	16257.7	15797.4	15043.5	14122.9	13242.3
-27.5°	15543.9	15397.1	15337.1	15190.3	15096.9	14890.1	14523.2	14096.2	13415.8	12641.9	11748.0
-30°	13502.5	13529.2	13462.5	13322.4	13209.0	12942.1	12661.9	12301.7	11768.0	11027.5	10226.9
-32.5°	11614.6	11647.9	11567.9	11421.1	11274.3	11080.9	10820.7	10493.8	10093.5	9386.4	8692.6
-35°	9726.6	9713.3	9646.5	9559.8	9459.8	9299.6	9006.1	8759.3	8299.0	7805.3	7325.0
-37.5°	8032.1	8065.5	8045.5	7998.8	7885.4	7751.9	7511.8	7284.9	6944.7	6511.1	6137.5
-40°	6691.2	6731.2	6704.6	6657.9	6557.8	6477.7	6317.6	6117.5	5844.0	5470.4	5156.8
-42.5°	5663.8	5690.5	5657.2	5617.1	5530.4	5470.4	5343.6	5176.8	4950.0	4663.2	4383.0
-45°	4850.0	4856.6	4823.3	4796.6	4729.9	4656.5	4549.8	4416.3	4236.2	4036.1	3809.3
-47.5°	4209.5	4202.9	4169.5	4142.8	4089.4	4022.7	3936.0	3815.9	3675.8	3522.4	3342.3
-50°	3649.1	3682.5	3669.2	3642.5	3602.4	3555.7	3469.0	3342.3	3202.2	3088.8	2962.0
-52.5°	3262.2	3268.9	3262.2	3262.2	3255.5	3222.2	3122.1	2995.4	2841.9	2741.9	2635.1
-55°	2902.0	2935.3	2948.7	2962.0	2968.7	2968.7	2848.6	2715.2	2568.4	2468.3	2388.3
-57.5°	2608.4	2628.5	2641.8	2675.1	2701.8	2721.8	2615.1	2495.0	2381.6	2288.2	2214.8
-60°	2354.9	2381.6	2401.6	2435.0	2455.0	2468.3	2401.6	2321.6	2254.9	2194.8	2088.1
-62.5°	2128.1	2148.1	2168.1	2188.2	2208.2	2221.5	2194.8	2154.8	2121.4	2094.8	1961.3
-65°	1901.3	1921.3	1941.3	1968.0	1988.0	2001.4	1994.7	1968.0	1941.3	1914.6	1794.6
-67.5°	1694.5	1714.5	1741.2	1747.9	1761.2	1767.9	1754.5	1734.5	1701.2	1667.8	1574.4
-70°	1474.3	1487.7	1501.0	1501.0	1501.0	1494.3	1481.0	1454.3	1421.0	1374.3	1300.9
-72.5°	1274.2	1287.5	1300.9	1280.9	1267.5	1247.5	1227.5	1194.1	1160.8	1127.4	1087.4
-75°	1087.4	1094.1	1094.1	1067.4	1047.4	1027.4	1000.7	980.7	947.3	920.6	887.3
-77.5°	867.3	867.3	867.3	847.2	833.9	820.6	800.5	780.5	753.8	733.8	707.1
-80°	673.8	673.8	673.8	667.1	647.1	633.8	620.4	607.1	587.1	573.7	560.4
-82.5°	513.7	513.7	513.7	507.0	493.7	487.0	473.7	460.3	453.6	440.3	433.6
-85°	373.6	380.3	380.3	373.6	366.9	353.6	346.9	340.2	333.6	326.9	313.5
-87.5°	253.5	253.5	253.5	246.8	240.2	240.2	233.5	220.1	206.8	200.1	193.5
-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: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	20.0	20.0	20.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	20.0
82.5°	33.4	33.4	40.0	40.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7
80°	33.4	40.0	46.7	53.4	60.0	66.7	66.7	66.7	66.7	60.0	60.0
77.5°	40.0	40.0	46.7	53.4	60.0	66.7	73.4	80.1	73.4	73.4	73.4
75°	40.0	46.7	46.7	53.4	60.0	66.7	73.4	80.1	80.1	80.1	80.1
72.5°	33.4	40.0	46.7	53.4	53.4	60.0	66.7	66.7	73.4	73.4	80.1
70°	33.4	40.0	46.7	46.7	53.4	53.4	60.0	66.7	66.7	73.4	73.4
67.5°	40.0	46.7	46.7	53.4	60.0	60.0	60.0	66.7	66.7	73.4	73.4
65°	46.7	53.4	53.4	60.0	66.7	66.7	73.4	73.4	73.4	80.1	80.1
62.5°	80.1	80.1	80.1	73.4	80.1	80.1	80.1	86.7	86.7	80.1	86.7
60°	413.6	300.2	206.8	260.2	233.5	106.7	106.7	106.7	100.1	100.1	93.4
57.5°	974.0	907.3	780.5	660.4	593.7	527.0	326.9	133.4	133.4	120.1	106.7
55°	1627.8	1407.6	1314.2	1154.1	980.7	900.6	747.2	507.0	240.2	160.1	140.1
52.5°	2521.7	2314.9	2074.7	1747.9	1514.4	1327.6	1200.8	954.0	640.4	340.2	213.5
50°	3375.6	3282.2	3135.5	2815.2	2328.2	2014.7	1807.9	1527.7	1147.4	700.5	400.3
47.5°	5437.0	4656.5	4182.8	3936.0	3529.1	2935.3	2535.1	2221.5	1761.2	1180.8	707.1
45°	6844.6	6351.0	5597.1	5076.8	4476.4	3849.3	3328.9	2968.7	2421.6	1767.9	1107.4
42.5°	8052.1	7625.2	6944.7	6184.2	5550.4	4729.9	4062.8	3589.1	3128.8	2415.0	1654.5
40°	9606.5	9099.5	8445.7	7705.2	6964.7	5917.4	4836.6	4262.9	3755.9	3122.1	2234.9
37.5°	12168.3	11274.3	10206.9	9386.4	8419.0	7531.8	6050.8	5036.8	4436.3	3775.9	2915.3
35°	15250.4	14269.7	12488.5	11401.1	10106.9	8786.0	7451.7	5950.7	5096.8	4396.3	3542.4
32.5°	18119.0	16684.7	14403.1	13128.9	12268.3	9833.3	8452.4	7151.5	5777.3	4916.7	3902.6
30°	18912.8	17331.8	15697.3	14209.6	12742.0	10774.0	9139.5	8125.5	6631.2	5230.2	4242.9
27.5°	18112.3	17024.9	15757.4	14376.4	12788.7	11100.9	9559.8	8592.5	7258.3	5443.7	4509.7
25°	17298.4	16164.3	15277.0	14122.9	12655.3	11080.9	9573.2	8886.0	7745.3	5857.3	4656.5
22.5°	16437.8	15730.7	14996.8	13709.3	12321.7	11140.9	10006.8	9139.5	7998.8	6324.3	4716.5
20°	16484.5	16024.2	15217.0	13495.8	12261.7	11494.5	10527.1	9459.8	8272.3	6731.2	4763.2
17.5°	17231.7	16631.3	15617.3	14122.9	12802.0	11854.7	10960.8	9900.1	8552.5	7091.5	5330.3
15°	18152.3	17238.4	16177.7	14863.4	13369.1	12248.3	11294.3	10206.9	8872.7	7425.0	5837.3
12.5°	18819.4	17518.6	16524.6	15337.1	13982.8	12675.3	11514.5	10440.4	9172.9	7698.6	6217.6
10°	19046.3	17865.5	16691.3	15630.6	14296.4	12902.1	11681.3	10587.2	9433.1	7912.0	6497.7
7.5°	19166.3	18165.7	16804.7	15764.0	14483.2	13042.2	11814.7	10667.2	9639.9	8058.8	6677.9
5°	19153.0	18325.8	16891.5	15804.1	14583.2	13102.2	11908.1	10687.3	9786.6	8185.6	6784.6
2.5°	19093.0	18432.5	17031.6	15870.8	14783.4	13215.6	12088.2	10727.3	9840.0	8325.7	6858.0
0°	19313.1	18439.2	17178.3	15890.8	14916.8	13255.7	12168.3	10693.9	9766.6	8365.7	6851.3
-2.5°	18839.5	18045.6	17145.0	15717.3	14736.7	13162.3	12021.5	10587.2	9606.5	8319.0	6824.6
-5°	18759.4	17758.7	16864.8	15557.2	14436.5	12968.8	11748.0	10387.1	9353.0	8165.5	6717.9
-7.5°	18545.9	17485.2	16591.3	15430.5	14156.3	12768.7	11487.8	10180.2	9079.5	7925.4	6564.5
-10°	18078.9	17064.9	16297.7	15157.0	13816.0	12481.8	11174.3	9906.7	8759.3	7598.5	6324.3
-12.5°	17411.8	16397.8	15637.3	14576.6	13389.1	12094.9	10800.7	9553.2	8392.4	7251.6	6037.4
-15°	16658.0	15630.6	14870.1	13902.8	12755.3	11494.5	10327.0	9106.2	7972.1	6884.7	5697.2
-17.5°	15804.1	14830.1	14096.2	13155.6	12014.8	10814.0	9653.2	8545.8	7485.1	6504.4	5303.6
-20°	14816.7	13869.4	13195.6	12255.0	11207.6	10040.1	8912.7	7865.3	6911.4	5990.7	4870.0

REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-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°	13595.9	12762.0	11994.8	11154.2	10240.3	9172.9	8125.5	7198.2	6284.3	5383.7	4423.0
-25°	12348.4	11541.2	10794.0	10026.8	9152.9	8232.3	7338.3	6497.7	5603.8	4789.9	3989.4
-27.5°	10960.8	10240.3	9573.2	8866.0	8065.5	7271.6	6537.8	5717.2	4943.4	4249.6	3562.4
-30°	9479.8	8892.7	8312.3	7685.2	7038.1	6371.0	5717.2	4943.4	4336.3	3782.6	3202.2
-32.5°	8058.8	7531.8	7064.8	6597.8	6037.4	5490.4	4910.0	4336.3	3829.3	3342.3	2855.3
-35°	6811.3	6250.9	5990.7	5617.1	5170.2	4676.5	4202.9	3802.6	3395.6	2955.3	2521.7
-37.5°	5730.6	5370.3	5063.4	4783.2	4429.7	4002.7	3662.5	3335.6	2995.4	2595.1	2221.5
-40°	4883.3	4623.1	4316.3	4109.5	3822.6	3515.7	3175.5	2902.0	2615.1	2288.2	1981.3
-42.5°	4202.9	3989.4	3789.2	3569.1	3355.6	3095.4	2801.9	2541.7	2281.5	2041.4	1787.9
-45°	3642.5	3489.0	3328.9	3148.8	2962.0	2735.2	2495.0	2228.2	2041.4	1827.9	1614.4
-47.5°	3182.2	3068.8	2935.3	2795.2	2635.1	2435.0	2214.8	2021.4	1827.9	1647.8	1441.0
-50°	2815.2	2708.5	2601.8	2481.7	2341.6	2168.1	2001.4	1821.2	1641.1	1467.7	1274.2
-52.5°	2508.4	2415.0	2328.2	2228.2	2094.8	1948.0	1794.6	1634.4	1467.7	1294.2	1140.8
-55°	2294.9	2188.2	2101.4	2001.4	1881.3	1741.2	1601.1	1454.3	1294.2	1160.8	1034.0
-57.5°	2121.4	2001.4	1901.3	1794.6	1674.5	1554.4	1427.6	1294.2	1174.1	1047.4	927.3
-60°	1974.7	1834.6	1721.2	1614.4	1501.0	1387.6	1280.9	1167.5	1054.0	940.6	820.6
-62.5°	1821.2	1674.5	1534.4	1434.3	1347.6	1247.5	1154.1	1047.4	947.3	833.9	747.2
-65°	1647.8	1507.7	1374.3	1287.5	1207.5	1120.8	1034.0	940.6	853.9	767.2	687.1
-67.5°	1454.3	1334.2	1240.8	1160.8	1080.7	1007.4	927.3	847.2	773.9	687.1	607.1
-70°	1220.8	1154.1	1100.7	1040.7	967.3	900.6	827.2	753.8	673.8	600.4	527.0
-72.5°	1040.7	1000.7	960.7	900.6	833.9	773.9	713.8	647.1	580.4	513.7	453.6
-75°	853.9	820.6	787.2	747.2	693.8	647.1	593.7	533.7	480.3	433.6	386.9
-77.5°	687.1	660.4	640.4	607.1	567.1	527.0	493.7	453.6	413.6	366.9	320.2
-80°	547.0	533.7	527.0	513.7	480.3	447.0	420.3	386.9	346.9	313.5	280.2
-82.5°	427.0	427.0	420.3	413.6	386.9	360.2	340.2	313.5	286.9	260.2	226.8
-85°	313.5	306.9	306.9	300.2	280.2	266.8	246.8	233.5	213.5	186.8	173.5
-87.5°	186.8	180.1	173.5	166.8	153.4	146.8	133.4	126.8	113.4	100.1	93.4
-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: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-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°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	0.0	0.0
85°	20.0	13.3	13.3	13.3	13.3	13.3	6.7	6.7	6.7	6.7	6.7
82.5°	40.0	40.0	33.4	33.4	26.7	20.0	13.3	13.3	13.3	6.7	6.7
80°	60.0	60.0	60.0	53.4	46.7	33.4	26.7	20.0	13.3	6.7	6.7
77.5°	73.4	66.7	66.7	60.0	60.0	53.4	40.0	33.4	20.0	13.3	6.7
75°	73.4	73.4	73.4	66.7	66.7	60.0	53.4	40.0	33.4	20.0	13.3
72.5°	80.1	73.4	73.4	73.4	66.7	60.0	53.4	46.7	40.0	26.7	13.3
70°	73.4	73.4	73.4	73.4	66.7	66.7	53.4	46.7	46.7	26.7	20.0
67.5°	73.4	73.4	73.4	66.7	66.7	60.0	53.4	46.7	46.7	33.4	20.0
65°	80.1	73.4	73.4	73.4	66.7	60.0	53.4	46.7	46.7	40.0	26.7
62.5°	86.7	80.1	80.1	73.4	66.7	60.0	53.4	46.7	46.7	40.0	26.7
60°	93.4	86.7	80.1	80.1	73.4	66.7	53.4	53.4	46.7	40.0	26.7
57.5°	100.1	93.4	93.4	86.7	80.1	73.4	60.0	53.4	46.7	40.0	33.4
55°	120.1	106.7	100.1	100.1	93.4	80.1	66.7	53.4	46.7	40.0	33.4
52.5°	160.1	126.8	113.4	113.4	106.7	93.4	73.4	60.0	46.7	40.0	33.4
50°	253.5	160.1	133.4	120.1	120.1	106.7	86.7	66.7	46.7	40.0	33.4
47.5°	400.3	266.8	160.1	140.1	133.4	126.8	100.1	66.7	53.4	40.0	33.4
45°	660.4	393.6	260.2	166.8	140.1	133.4	113.4	73.4	53.4	46.7	33.4
42.5°	907.3	613.8	400.3	200.1	166.8	146.8	120.1	80.1	60.0	46.7	33.4
40°	1427.6	840.6	560.4	326.9	193.5	153.4	133.4	93.4	60.0	46.7	33.4
37.5°	1934.6	1114.1	753.8	480.3	220.1	173.5	140.1	100.1	66.7	46.7	40.0
35°	2441.7	1561.1	934.0	640.4	293.5	206.8	146.8	106.7	66.7	46.7	40.0
32.5°	2895.3	1981.3	1120.8	800.5	440.3	246.8	160.1	113.4	73.4	53.4	40.0
30°	3268.9	2368.3	1454.3	940.6	573.7	300.2	173.5	113.4	80.1	53.4	40.0
27.5°	3549.1	2668.5	1794.6	1087.4	687.1	353.6	200.1	126.8	80.1	53.4	40.0
25°	3775.9	2902.0	2094.8	1240.8	787.2	440.3	240.2	133.4	86.7	60.0	40.0
22.5°	3956.0	3095.4	2341.6	1447.6	907.3	527.0	293.5	146.8	86.7	60.0	40.0
20°	4202.9	3288.9	2508.4	1667.8	1034.0	607.1	340.2	160.1	86.7	60.0	46.7
17.5°	4416.3	3482.4	2641.8	1854.6	1160.8	667.1	393.6	173.5	93.4	60.0	46.7
15°	4663.2	3669.2	2761.9	2001.4	1280.9	720.5	440.3	186.8	93.4	66.7	46.7
12.5°	4930.0	3842.6	2848.6	2121.4	1407.6	767.2	480.3	213.5	100.1	66.7	46.7
10°	5203.5	3989.4	2922.0	2208.2	1501.0	813.9	507.0	240.2	106.7	66.7	46.7
7.5°	5477.1	4122.8	3015.4	2248.2	1541.0	867.3	520.4	266.8	106.7	73.4	46.7
5°	5663.8	4209.5	3148.8	2274.9	1561.1	927.3	540.4	300.2	113.4	73.4	46.7
2.5°	5824.0	4262.9	3288.9	2294.9	1567.7	960.7	533.7	320.2	120.1	73.4	46.7
0°	5897.3	4262.9	3382.3	2281.5	1547.7	994.0	533.7	340.2	120.1	73.4	46.7
-2.5°	5783.9	4383.0	3355.6	2288.2	1554.4	994.0	560.4	346.9	133.4	80.1	46.7
-5°	5603.8	4429.7	3275.6	2254.9	1541.0	994.0	593.7	353.6	140.1	80.1	53.4
-7.5°	5430.4	4449.7	3182.2	2221.5	1521.0	967.3	600.4	346.9	153.4	86.7	53.4
-10°	5203.5	4229.5	3062.1	2161.5	1481.0	947.3	613.8	346.9	160.1	86.7	53.4
-12.5°	4943.4	3962.7	2915.3	2074.7	1434.3	927.3	620.4	346.9	166.8	93.4	53.4
-15°	4643.2	3689.2	2748.5	1981.3	1367.6	900.6	607.1	340.2	173.5	93.4	60.0
-17.5°	4302.9	3422.3	2575.1	1867.9	1294.2	867.3	580.4	333.6	173.5	93.4	60.0
-20°	3916.0	3155.5	2381.6	1754.5	1207.5	827.2	553.7	320.2	173.5	93.4	60.0

REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3569.1	2908.6	2181.5	1627.8	1114.1	780.5	520.4	306.9	173.5	100.1	60.0
-25°	3282.2	2668.5	2028.0	1501.0	1014.0	727.2	487.0	293.5	173.5	100.1	60.0
-27.5°	2982.0	2408.3	1867.9	1380.9	947.3	680.5	453.6	280.2	166.8	100.1	60.0
-30°	2675.1	2154.8	1701.2	1247.5	880.6	633.8	427.0	260.2	166.8	100.1	60.0
-32.5°	2395.0	1948.0	1547.7	1114.1	807.2	587.1	400.3	253.5	160.1	100.1	60.0
-35°	2121.4	1761.2	1387.6	1007.4	727.2	540.4	373.6	246.8	160.1	100.1	60.0
-37.5°	1894.6	1587.7	1240.8	934.0	680.5	500.3	346.9	233.5	153.4	100.1	60.0
-40°	1707.8	1427.6	1100.7	853.9	640.4	460.3	320.2	226.8	153.4	100.1	60.0
-42.5°	1534.4	1274.2	1014.0	787.2	600.4	433.6	300.2	220.1	146.8	100.1	60.0
-45°	1380.9	1140.8	927.3	727.2	553.7	400.3	286.9	206.8	140.1	100.1	66.7
-47.5°	1227.5	1047.4	847.2	673.8	507.0	360.2	273.5	200.1	133.4	93.4	66.7
-50°	1107.4	947.3	780.5	613.8	460.3	346.9	260.2	186.8	133.4	93.4	66.7
-52.5°	1000.7	853.9	707.1	553.7	420.3	326.9	246.8	173.5	126.8	93.4	66.7
-55°	900.6	767.2	633.8	493.7	393.6	306.9	226.8	160.1	126.8	93.4	66.7
-57.5°	800.5	687.1	560.4	447.0	360.2	286.9	213.5	160.1	126.8	93.4	66.7
-60°	720.5	613.8	507.0	413.6	333.6	260.2	193.5	153.4	120.1	93.4	66.7
-62.5°	653.8	553.7	460.3	373.6	306.9	233.5	186.8	153.4	120.1	93.4	60.0
-65°	587.1	500.3	413.6	340.2	273.5	220.1	180.1	146.8	120.1	93.4	60.0
-67.5°	520.4	440.3	373.6	300.2	253.5	213.5	173.5	146.8	113.4	86.7	60.0
-70°	453.6	386.9	326.9	280.2	240.2	200.1	166.8	140.1	113.4	80.1	53.4
-72.5°	400.3	340.2	293.5	260.2	226.8	193.5	160.1	133.4	106.7	73.4	46.7
-75°	340.2	300.2	266.8	233.5	206.8	180.1	153.4	120.1	93.4	66.7	46.7
-77.5°	286.9	260.2	233.5	213.5	186.8	160.1	133.4	106.7	86.7	60.0	40.0
-80°	246.8	226.8	206.8	186.8	166.8	140.1	120.1	93.4	73.4	53.4	33.4
-82.5°	200.1	186.8	166.8	153.4	140.1	120.1	100.1	80.1	53.4	40.0	26.7
-85°	153.4	140.1	133.4	120.1	106.7	86.7	66.7	53.4	40.0	26.7	13.3
-87.5°	80.1	73.4	66.7	60.0	53.4	40.0	33.4	26.7	20.0	13.3	6.7
-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: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-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°	6.7	0.0	0.0	0.0
77.5°	6.7	0.0	0.0	0.0
75°	6.7	6.7	0.0	0.0
72.5°	6.7	6.7	0.0	0.0
70°	6.7	6.7	0.0	0.0
67.5°	13.3	6.7	0.0	0.0
65°	13.3	6.7	0.0	0.0
62.5°	13.3	6.7	0.0	0.0
60°	13.3	6.7	0.0	0.0
57.5°	20.0	6.7	6.7	0.0
55°	20.0	6.7	6.7	0.0
52.5°	20.0	6.7	6.7	0.0
50°	20.0	13.3	6.7	0.0
47.5°	20.0	13.3	6.7	0.0
45°	20.0	13.3	6.7	0.0
42.5°	20.0	13.3	6.7	0.0
40°	26.7	13.3	6.7	0.0
37.5°	26.7	13.3	6.7	0.0
35°	26.7	13.3	6.7	0.0
32.5°	26.7	13.3	6.7	0.0
30°	26.7	13.3	6.7	0.0
27.5°	26.7	20.0	6.7	0.0
25°	26.7	20.0	6.7	0.0
22.5°	33.4	20.0	6.7	0.0
20°	33.4	20.0	6.7	0.0
17.5°	33.4	20.0	6.7	0.0
15°	33.4	20.0	6.7	0.0
12.5°	33.4	20.0	6.7	0.0
10°	33.4	20.0	6.7	0.0
7.5°	33.4	20.0	6.7	0.0
5°	33.4	20.0	6.7	0.0
2.5°	33.4	20.0	6.7	0.0
0°	33.4	20.0	6.7	0.0
-2.5°	33.4	20.0	6.7	0.0
-5°	33.4	20.0	6.7	0.0
-7.5°	33.4	20.0	6.7	0.0
-10°	33.4	20.0	6.7	0.0
-12.5°	40.0	20.0	6.7	0.0
-15°	40.0	20.0	6.7	0.0
-17.5°	40.0	20.0	6.7	0.0
-20°	40.0	20.0	6.7	0.0

REPORT NUMBER: P722596

CATALOG NUMBER: IFLD-L-SA8D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	40.0	20.0	6.7	0.0
-25°	40.0	20.0	6.7	0.0
-27.5°	40.0	20.0	6.7	0.0
-30°	40.0	20.0	6.7	0.0
-32.5°	40.0	20.0	6.7	0.0
-35°	40.0	20.0	6.7	0.0
-37.5°	40.0	20.0	6.7	0.0
-40°	40.0	20.0	6.7	0.0
-42.5°	33.4	20.0	6.7	0.0
-45°	40.0	20.0	6.7	0.0
-47.5°	40.0	20.0	6.7	0.0
-50°	40.0	20.0	6.7	0.0
-52.5°	40.0	20.0	6.7	0.0
-55°	40.0	20.0	6.7	0.0
-57.5°	40.0	20.0	6.7	0.0
-60°	40.0	20.0	6.7	0.0
-62.5°	33.4	20.0	6.7	0.0
-65°	33.4	13.3	6.7	0.0
-67.5°	33.4	13.3	6.7	0.0
-70°	33.4	13.3	6.7	0.0
-72.5°	26.7	13.3	6.7	0.0
-75°	26.7	13.3	6.7	0.0
-77.5°	20.0	6.7	0.0	0.0
-80°	20.0	6.7	0.0	0.0
-82.5°	13.3	6.7	0.0	0.0
-85°	6.7	6.7	0.0	0.0
-87.5°	6.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)