

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: P722407

Luminaire Tested: **IFLD-S-SA6D-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722407
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	39098.6 lumens	Max Intensity:	27295.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	24943.2 lumens	Field Lumens:	36861.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

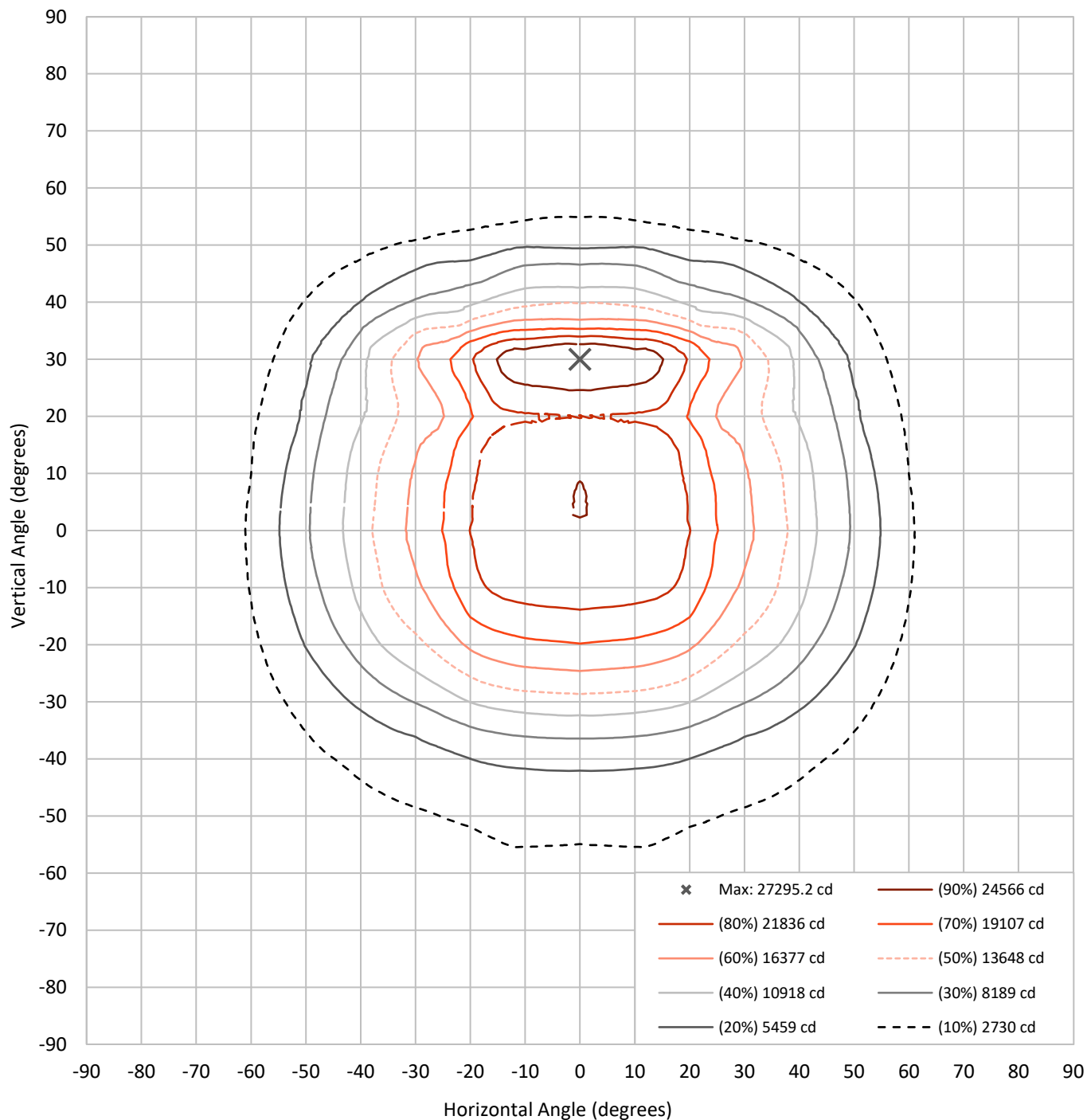
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

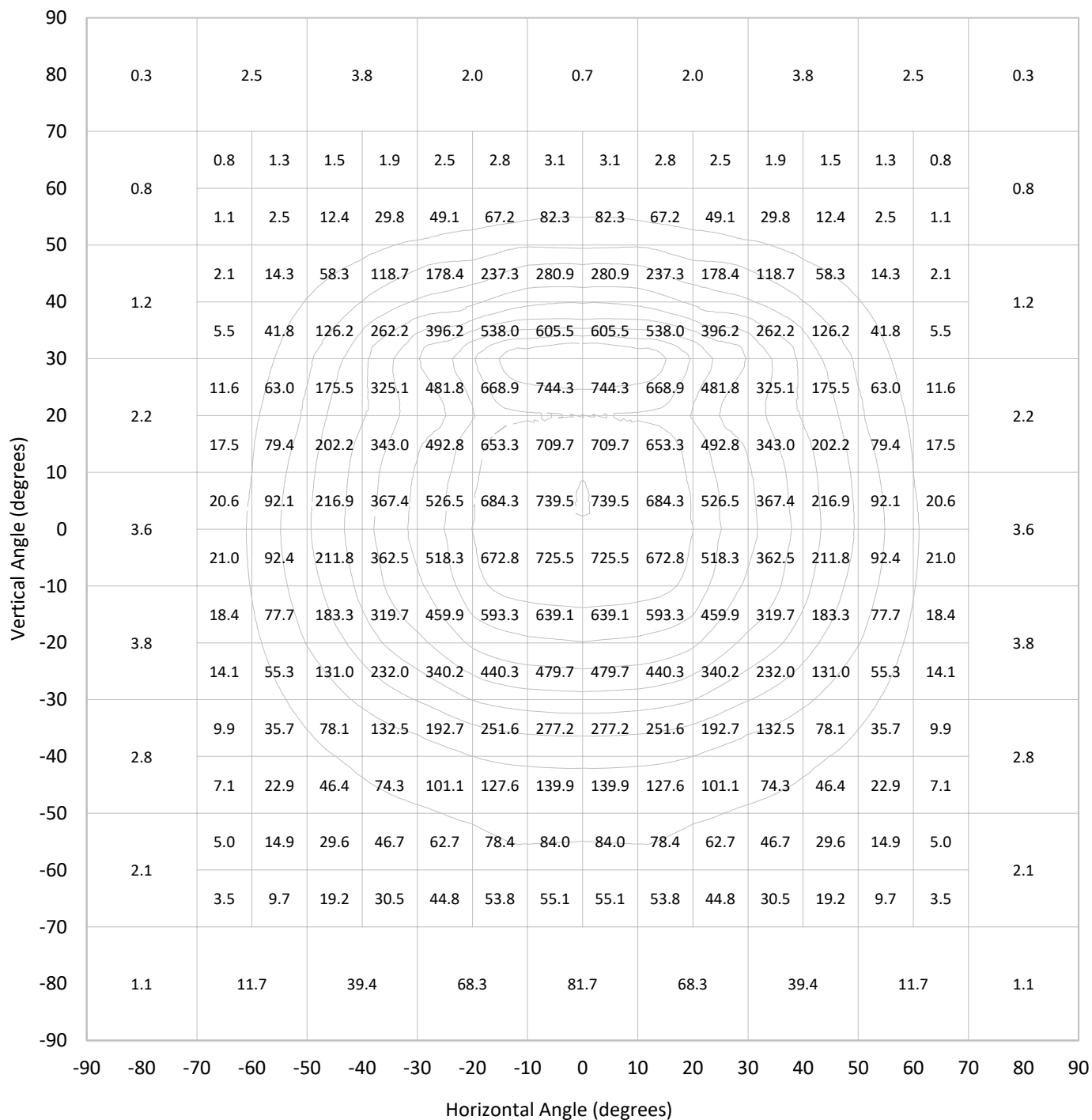
Iso-Candela Plot



REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

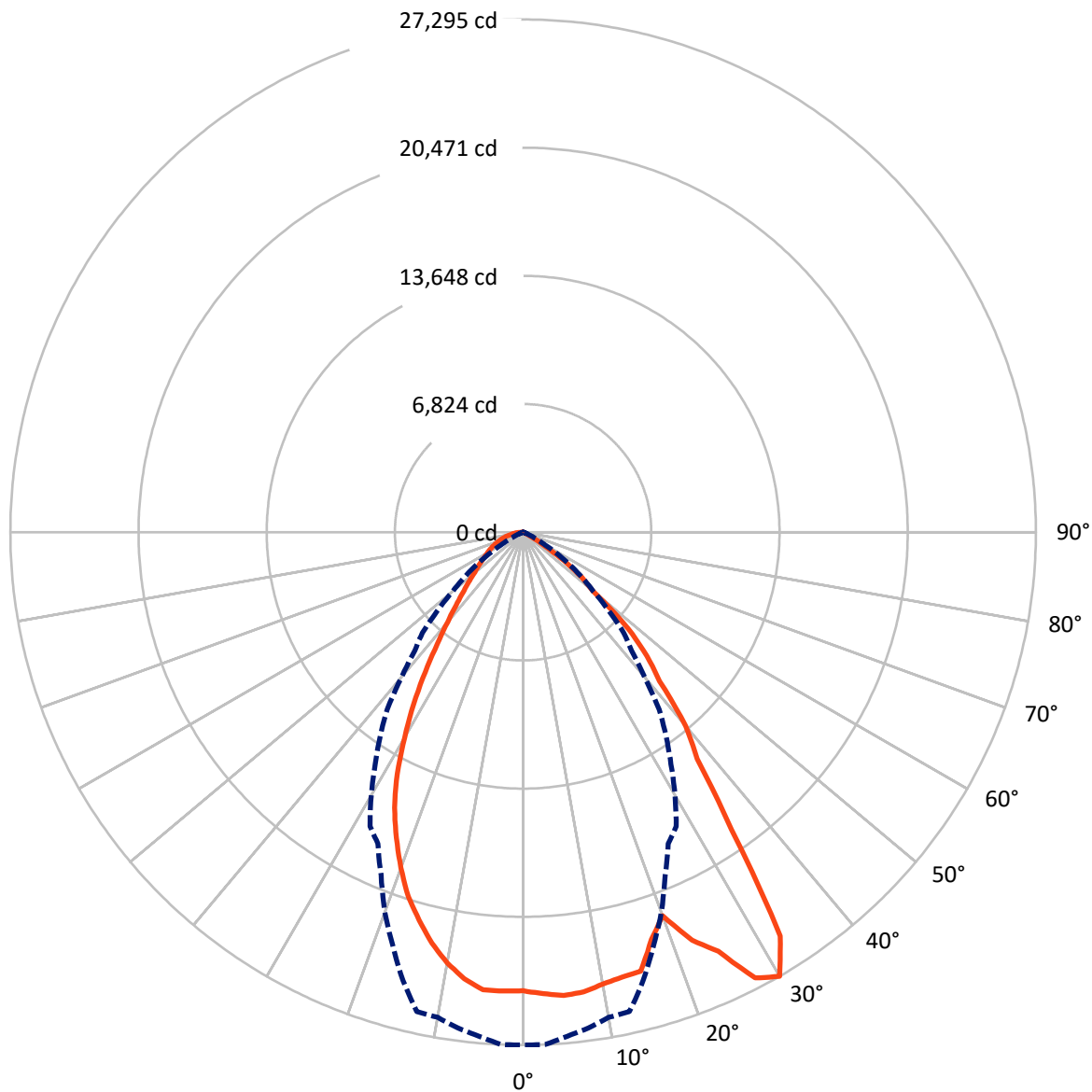
Lumen Table



REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

Luminous Intensity Polar Plot



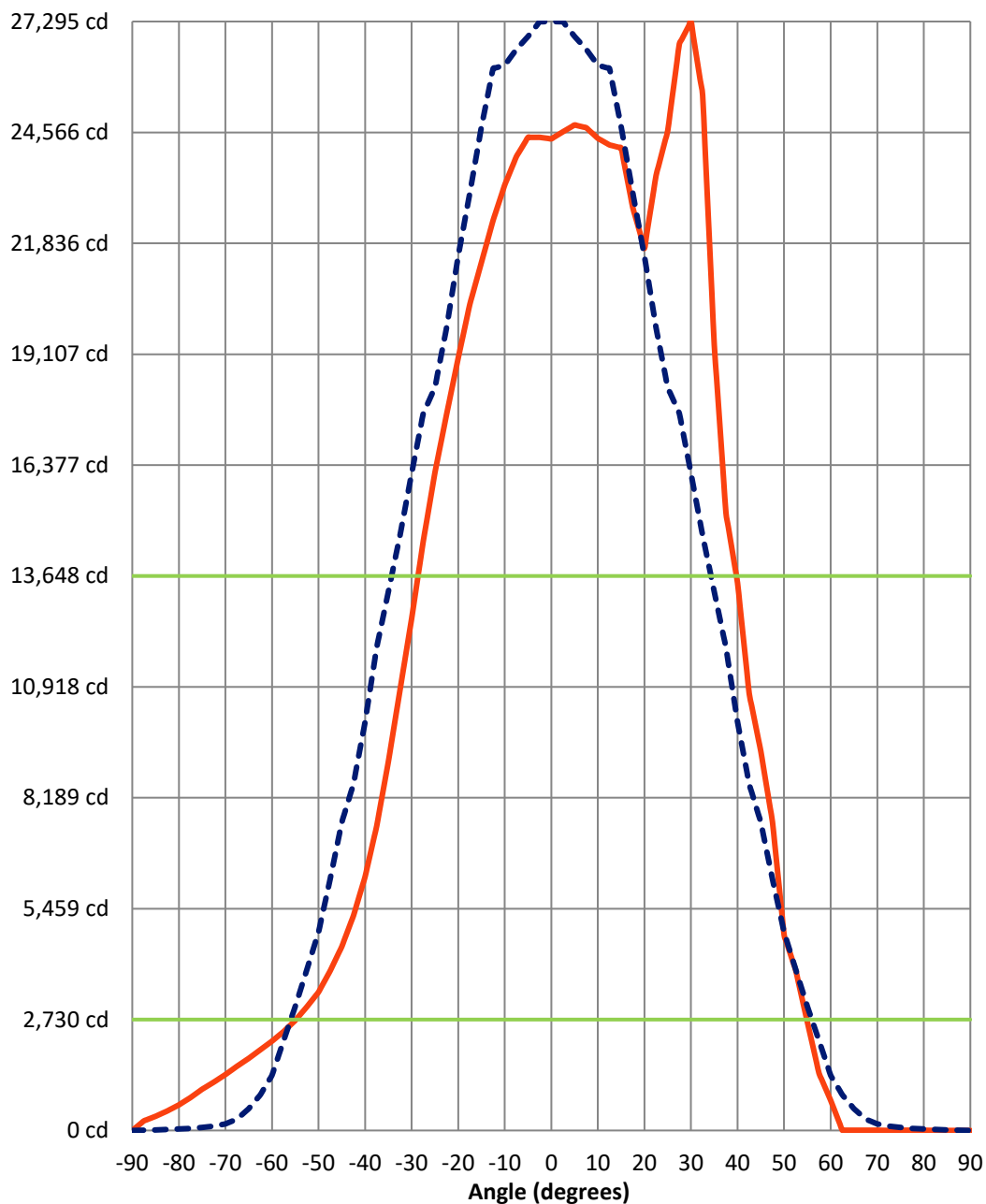
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 24943.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 36861.2

Efficiency: 94.3%

Spill:

Lumens: 2237.4

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-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	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	12.4	12.4	12.4	18.7
82.5°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	12.4	18.7	18.7	24.9
80°	6.2	6.2	6.2	6.2	12.4	12.4	12.4	18.7	18.7	24.9	24.9
77.5°	6.2	6.2	6.2	12.4	12.4	12.4	18.7	18.7	24.9	24.9	31.1
75°	6.2	6.2	6.2	12.4	12.4	18.7	18.7	18.7	24.9	24.9	31.1
72.5°	0.0	6.2	6.2	12.4	12.4	18.7	18.7	18.7	24.9	24.9	24.9
70°	6.2	6.2	6.2	12.4	12.4	18.7	18.7	18.7	24.9	24.9	24.9
67.5°	6.2	6.2	6.2	12.4	12.4	18.7	18.7	24.9	24.9	24.9	31.1
65°	6.2	6.2	6.2	12.4	18.7	18.7	24.9	31.1	31.1	37.3	43.6
62.5°	6.2	12.4	12.4	18.7	24.9	31.1	68.5	105.8	105.8	74.7	62.2
60°	740.7	803.0	796.8	722.1	628.7	529.1	510.4	491.7	454.4	398.4	417.1
57.5°	1406.8	1481.5	1512.6	1493.9	1444.1	1357.0	1307.2	1251.2	1176.5	1089.3	989.7
55°	2664.2	2695.3	2626.8	2496.1	2352.9	2209.8	2160.0	2085.3	1973.2	1861.2	1711.8
52.5°	3940.2	4046.0	4014.9	3884.2	3691.2	3436.0	3155.9	2938.0	2807.3	2682.8	2533.4
50°	4811.7	4855.2	4942.4	5098.0	5154.0	4979.7	4525.3	3940.2	3523.2	3734.8	3573.0
47.5°	7594.1	7812.0	7768.4	7656.3	7469.6	6996.5	6361.6	5838.7	5403.0	5259.8	5284.7
45°	9330.8	9417.9	9386.8	9337.0	9249.9	8807.9	8104.5	7301.5	6896.9	6735.1	6567.0
42.5°	10756.2	10849.6	10868.3	10874.5	10781.1	10376.5	9741.6	8938.6	8534.0	8067.2	7699.9
40°	13476.4	13613.4	13457.7	13252.3	12941.1	12480.5	11858.0	11117.3	10401.4	9828.8	9393.0
37.5°	15213.1	15381.2	15443.4	15431.0	15362.5	15163.3	14397.7	13694.3	12598.7	11316.5	11546.8
35°	19333.8	19508.1	19458.3	19271.6	19172.0	18960.4	18213.4	17379.3	16003.6	14609.3	14235.8
32.5°	25477.6	25857.3	25147.7	24369.6	23890.3	24058.4	23298.9	21257.3	20622.3	18107.6	16943.6
30°	27295.2	27289.0	26927.9	26610.5	26218.3	26137.4	24705.7	23074.9	21518.7	19757.1	18288.1
27.5°	26741.2	26629.1	26324.1	26093.8	25726.6	25533.6	24133.1	22838.3	21039.4	19464.6	18045.3
25°	24606.1	24693.3	24382.0	24338.5	24195.3	23821.8	23124.7	21668.1	20062.1	18319.2	17298.4
22.5°	23504.4	23473.2	23099.8	22881.9	23056.2	22657.8	22377.7	20908.7	19234.2	17765.2	16539.0
20°	21711.7	21717.9	21624.5	21605.8	21500.0	21319.5	21095.4	20055.9	18873.2	17615.8	16140.6
17.5°	22713.8	22969.0	23081.1	22153.6	22415.0	22209.6	21973.1	20522.7	19632.6	18518.4	16595.0
15°	24182.9	24089.5	23977.4	23927.6	23784.5	23591.5	23162.0	22004.2	20472.9	19321.4	17821.2
12.5°	24257.5	24077.0	24033.5	24027.2	23877.8	23610.2	23193.1	22234.5	20877.6	19477.0	18257.0
10°	24419.4	24232.6	24207.8	24238.9	24008.6	23840.5	23423.4	22533.3	21002.0	19744.7	18593.1
7.5°	24680.8	24369.6	24512.8	24419.4	24313.6	24045.9	23597.7	22726.3	21456.4	20099.5	18891.9
5°	24749.3	24406.9	24562.6	24475.4	24319.8	24058.4	23572.8	22850.8	21736.6	20242.6	19010.1
2.5°	24581.2	24481.6	24413.2	24251.3	24182.9	23896.5	23435.9	22664.0	21605.8	20180.4	18985.3
0°	24406.9	24494.1	24338.5	24176.6	24145.5	23915.2	23523.0	22825.9	21910.8	20354.7	19196.9
-2.5°	24444.3	24375.8	24270.0	24101.9	23940.1	23610.2	23255.4	22601.8	21618.3	19975.0	18898.1
-5°	24444.3	24126.8	24139.3	24145.5	23983.7	23641.3	23211.8	22657.8	21444.0	19968.7	18811.0
-7.5°	23971.2	23697.3	23653.8	23616.4	23572.8	23255.4	22919.2	22228.3	21151.4	19806.9	18568.2
-10°	23274.0	23006.4	23031.3	22975.3	22838.3	22626.7	22371.5	21749.0	20865.1	19296.5	18076.4
-12.5°	22402.6	22284.3	22215.9	22122.5	21985.5	21798.8	21537.4	20952.2	20006.1	18667.8	17510.0
-15°	21369.3	21282.2	21219.9	21163.9	20964.7	20771.7	20429.4	19887.8	19296.5	17858.6	16675.9
-17.5°	20336.0	20118.1	20031.0	19956.3	19825.6	19514.3	19203.1	18798.5	17970.6	16831.5	15816.9
-20°	19010.1	18879.4	18773.6	18674.0	18487.3	18244.5	17989.3	17522.5	16806.6	15885.4	14833.4

REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	17622.0	17547.4	17460.2	17335.7	17211.2	16980.9	16626.1	16177.9	15617.7	14621.8	13638.3
-25°	16190.4	16047.2	15941.4	15823.1	15723.5	15511.9	15169.5	14740.0	14036.6	13177.6	12356.0
-27.5°	14503.5	14366.5	14310.5	14173.6	14086.4	13893.5	13551.1	13152.7	12517.8	11795.8	10961.6
-30°	12598.7	12623.6	12561.4	12430.7	12324.9	12075.9	11814.4	11478.3	10980.3	10289.4	9542.4
-32.5°	10837.2	10868.3	10793.6	10656.6	10519.7	10339.2	10096.4	9791.4	9417.9	8758.1	8110.7
-35°	9075.6	9063.1	9000.9	8920.0	8826.6	8677.2	8403.3	8173.0	7743.5	7282.9	6834.7
-37.5°	7494.5	7525.6	7507.0	7463.4	7357.6	7233.1	7009.0	6797.3	6479.9	6075.3	5726.7
-40°	6243.3	6280.7	6255.8	6212.2	6118.9	6044.2	5894.8	5708.0	5452.8	5104.2	4811.7
-42.5°	5284.7	5309.6	5278.5	5241.2	5160.3	5104.2	4986.0	4830.3	4618.7	4351.0	4089.6
-45°	4525.3	4531.6	4500.4	4475.5	4413.3	4344.8	4245.2	4120.7	3952.7	3765.9	3554.3
-47.5°	3927.8	3921.5	3890.4	3865.5	3815.7	3753.5	3672.6	3560.5	3429.8	3286.6	3118.6
-50°	3404.9	3436.0	3423.6	3398.7	3361.3	3317.8	3236.8	3118.6	2987.8	2882.0	2763.8
-52.5°	3043.9	3050.1	3043.9	3043.9	3037.6	3006.5	2913.1	2794.9	2651.7	2558.3	2458.7
-55°	2707.7	2738.9	2751.3	2763.8	2770.0	2770.0	2657.9	2533.4	2396.5	2303.1	2228.4
-57.5°	2433.8	2452.5	2465.0	2496.1	2521.0	2539.7	2440.1	2328.0	2222.2	2135.1	2066.6
-60°	2197.3	2222.2	2240.9	2272.0	2290.7	2303.1	2240.9	2166.2	2103.9	2047.9	1948.3
-62.5°	1985.7	2004.3	2023.0	2041.7	2060.4	2072.8	2047.9	2010.6	1979.4	1954.5	1830.1
-65°	1774.0	1792.7	1811.4	1836.3	1855.0	1867.4	1861.2	1836.3	1811.4	1786.5	1674.4
-67.5°	1581.1	1599.7	1624.6	1630.9	1643.3	1649.5	1637.1	1618.4	1587.3	1556.2	1469.0
-70°	1375.7	1388.1	1400.6	1400.6	1400.6	1394.3	1381.9	1357.0	1325.9	1282.3	1213.8
-72.5°	1188.9	1201.4	1213.8	1195.1	1182.7	1164.0	1145.3	1114.2	1083.1	1052.0	1014.6
-75°	1014.6	1020.8	1020.8	995.9	977.3	958.6	933.7	915.0	883.9	859.0	827.9
-77.5°	809.2	809.2	809.2	790.5	778.1	765.6	747.0	728.3	703.4	684.7	659.8
-80°	628.7	628.7	628.7	622.5	603.8	591.3	578.9	566.4	547.8	535.3	522.9
-82.5°	479.3	479.3	479.3	473.1	460.6	454.4	442.0	429.5	423.3	410.8	404.6
-85°	348.6	354.8	354.8	348.6	342.4	329.9	323.7	317.5	311.2	305.0	292.6
-87.5°	236.5	236.5	236.5	230.3	224.1	224.1	217.9	205.4	193.0	186.7	180.5
-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: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	18.7	18.7	18.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	18.7
82.5°	31.1	31.1	37.3	37.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6
80°	31.1	37.3	43.6	49.8	56.0	62.2	62.2	62.2	62.2	56.0	56.0
77.5°	37.3	37.3	43.6	49.8	56.0	62.2	68.5	74.7	68.5	68.5	68.5
75°	37.3	43.6	43.6	49.8	56.0	62.2	68.5	74.7	74.7	74.7	74.7
72.5°	31.1	37.3	43.6	49.8	49.8	56.0	62.2	62.2	68.5	68.5	74.7
70°	31.1	37.3	43.6	43.6	49.8	49.8	56.0	62.2	62.2	68.5	68.5
67.5°	37.3	43.6	43.6	49.8	56.0	56.0	56.0	62.2	62.2	68.5	68.5
65°	43.6	49.8	49.8	56.0	62.2	62.2	68.5	68.5	68.5	74.7	74.7
62.5°	74.7	74.7	74.7	68.5	74.7	74.7	74.7	80.9	80.9	74.7	80.9
60°	385.9	280.1	193.0	242.8	217.9	99.6	99.6	99.6	93.4	93.4	87.1
57.5°	908.8	846.6	728.3	616.2	554.0	491.7	305.0	124.5	124.5	112.0	99.6
55°	1518.8	1313.4	1226.3	1076.9	915.0	840.3	697.2	473.1	224.1	149.4	130.7
52.5°	2352.9	2160.0	1935.9	1630.9	1413.0	1238.7	1120.4	890.1	597.6	317.5	199.2
50°	3149.7	3062.5	2925.6	2626.8	2172.4	1879.9	1686.9	1425.4	1070.6	653.6	373.5
47.5°	5073.1	4344.8	3902.9	3672.6	3292.9	2738.9	2365.4	2072.8	1643.3	1101.8	659.8
45°	6386.5	5925.9	5222.5	4737.0	4176.8	3591.6	3106.1	2770.0	2259.6	1649.5	1033.3
42.5°	7513.2	7114.8	6479.9	5770.3	5178.9	4413.3	3790.8	3348.9	2919.4	2253.3	1543.7
40°	8963.5	8490.5	7880.4	7189.5	6498.6	5521.3	4512.9	3977.6	3504.5	2913.1	2085.3
37.5°	11353.8	10519.7	9523.7	8758.1	7855.5	7027.7	5645.8	4699.6	4139.4	3523.2	2720.2
35°	14229.6	13314.6	11652.6	10638.0	9430.4	8197.9	6953.0	5552.4	4755.6	4102.1	3305.3
32.5°	16906.2	15567.9	13439.1	12250.2	11447.2	9175.2	7886.7	6672.8	5390.6	4587.6	3641.4
30°	17646.9	16171.7	14646.7	13258.6	11889.1	10052.8	8527.8	7581.7	6187.3	4880.1	3958.9
27.5°	16900.0	15885.4	14702.7	13414.2	11932.7	10357.9	8920.0	8017.4	6772.4	5079.3	4207.9
25°	16140.6	15082.4	14254.5	13177.6	11808.2	10339.2	8932.4	8291.3	7226.8	5465.3	4344.8
22.5°	15337.6	14677.8	13993.1	12791.7	11497.0	10395.2	9337.0	8527.8	7463.4	5901.0	4400.8
20°	15381.2	14951.7	14198.5	12592.5	11440.9	10725.1	9822.5	8826.6	7718.6	6280.7	4444.4
17.5°	16078.3	15518.1	14572.0	13177.6	11945.1	11061.2	10227.1	9237.4	7980.0	6616.8	4973.5
15°	16937.3	16084.6	15094.8	13868.6	12474.2	11428.5	10538.4	9523.7	8278.8	6928.1	5446.6
12.5°	17559.8	16346.0	15418.5	14310.5	13046.9	11826.9	10743.8	9741.6	8558.9	7183.3	5801.4
10°	17771.4	16669.7	15574.1	14584.4	13339.5	12038.5	10899.4	9878.6	8801.7	7382.5	6062.8
7.5°	17883.5	16949.8	15679.9	14708.9	13513.8	12169.2	11023.9	9953.3	8994.7	7519.4	6230.9
5°	17871.0	17099.2	15760.9	14746.2	13607.1	12225.3	11111.0	9971.9	9131.6	7637.7	6330.5
2.5°	17815.0	17198.8	15891.6	14808.5	13793.9	12331.1	11279.1	10009.3	9181.4	7768.4	6399.0
0°	18020.4	17205.0	16028.5	14827.2	13918.4	12368.4	11353.8	9978.1	9112.9	7805.7	6392.7
-2.5°	17578.5	16837.7	15997.4	14665.3	13750.3	12281.3	11216.9	9878.6	8963.5	7762.2	6367.8
-5°	17503.8	16570.1	15736.0	14515.9	13470.2	12100.8	10961.6	9691.8	8727.0	7619.0	6268.2
-7.5°	17304.6	16314.9	15480.8	14397.7	13208.8	11914.0	10718.9	9498.8	8471.8	7394.9	6125.1
-10°	16868.9	15922.7	15206.9	14142.5	12891.3	11646.4	10426.3	9243.6	8173.0	7089.9	5901.0
-12.5°	16246.4	15300.2	14590.6	13600.9	12492.9	11285.3	10077.7	8913.7	7830.6	6766.2	5633.3
-15°	15543.0	14584.4	13874.8	12972.2	11901.6	10725.1	9635.8	8496.7	7438.5	6423.9	5315.9
-17.5°	14746.2	13837.4	13152.7	12275.1	11210.6	10090.2	9007.1	7973.8	6984.1	6069.1	4948.6
-20°	13825.0	12941.1	12312.4	11434.7	10457.4	9368.1	8316.2	7338.9	6448.8	5589.8	4544.0

REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-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°	12685.9	11907.8	11192.0	10407.7	9554.9	8558.9	7581.7	6716.4	5863.6	5023.3	4127.0
-25°	11521.9	10768.7	10071.5	9355.7	8540.3	7681.2	6847.1	6062.8	5228.7	4469.3	3722.4
-27.5°	10227.1	9554.9	8932.4	8272.6	7525.6	6784.9	6100.2	5334.5	4612.5	3965.1	3324.0
-30°	8845.3	8297.5	7755.9	7170.8	6567.0	5944.6	5334.5	4612.5	4046.0	3529.4	2987.8
-32.5°	7519.4	7027.7	6591.9	6156.2	5633.3	5122.9	4581.4	4046.0	3573.0	3118.6	2664.2
-35°	6355.4	5832.5	5589.8	5241.2	4824.1	4363.5	3921.5	3548.1	3168.4	2757.5	2352.9
-37.5°	5347.0	5010.9	4724.5	4463.1	4133.2	3734.8	3417.3	3112.3	2794.9	2421.4	2072.8
-40°	4556.5	4313.7	4027.4	3834.4	3566.7	3280.4	2962.9	2707.7	2440.1	2135.1	1848.7
-42.5°	3921.5	3722.4	3535.6	3330.2	3131.0	2888.2	2614.4	2371.6	2128.8	1904.7	1668.2
-45°	3398.7	3255.5	3106.1	2938.0	2763.8	2552.1	2328.0	2079.0	1904.7	1705.6	1506.4
-47.5°	2969.2	2863.3	2738.9	2608.1	2458.7	2272.0	2066.6	1886.1	1705.6	1537.5	1344.5
-50°	2626.8	2527.2	2427.6	2315.6	2184.9	2023.0	1867.4	1699.3	1531.3	1369.4	1188.9
-52.5°	2340.5	2253.3	2172.4	2079.0	1954.5	1817.6	1674.4	1525.0	1369.4	1207.6	1064.4
-55°	2141.3	2041.7	1960.8	1867.4	1755.4	1624.6	1493.9	1357.0	1207.6	1083.1	964.8
-57.5°	1979.4	1867.4	1774.0	1674.4	1562.4	1450.3	1332.1	1207.6	1095.5	977.3	865.2
-60°	1842.5	1711.8	1606.0	1506.4	1400.6	1294.7	1195.1	1089.3	983.5	877.7	765.6
-62.5°	1699.3	1562.4	1431.7	1338.3	1257.4	1164.0	1076.9	977.3	883.9	778.1	697.2
-65°	1537.5	1406.8	1282.3	1201.4	1126.7	1045.7	964.8	877.7	796.8	715.8	641.1
-67.5°	1357.0	1244.9	1157.8	1083.1	1008.4	939.9	865.2	790.5	722.1	641.1	566.4
-70°	1139.1	1076.9	1027.1	971.0	902.6	840.3	771.9	703.4	628.7	560.2	491.7
-72.5°	971.0	933.7	896.4	840.3	778.1	722.1	666.0	603.8	541.5	479.3	423.3
-75°	796.8	765.6	734.5	697.2	647.4	603.8	554.0	498.0	448.2	404.6	361.0
-77.5°	641.1	616.2	597.6	566.4	529.1	491.7	460.6	423.3	385.9	342.4	298.8
-80°	510.4	498.0	491.7	479.3	448.2	417.1	392.2	361.0	323.7	292.6	261.4
-82.5°	398.4	398.4	392.2	385.9	361.0	336.1	317.5	292.6	267.7	242.8	211.6
-85°	292.6	286.3	286.3	280.1	261.4	249.0	230.3	217.9	199.2	174.3	161.8
-87.5°	174.3	168.1	161.8	155.6	143.2	136.9	124.5	118.3	105.8	93.4	87.1
-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: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-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°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	0.0	0.0
85°	18.7	12.4	12.4	12.4	12.4	12.4	6.2	6.2	6.2	6.2	6.2
82.5°	37.3	37.3	31.1	31.1	24.9	18.7	12.4	12.4	12.4	6.2	6.2
80°	56.0	56.0	56.0	49.8	43.6	31.1	24.9	18.7	12.4	6.2	6.2
77.5°	68.5	62.2	62.2	56.0	56.0	49.8	37.3	31.1	18.7	12.4	6.2
75°	68.5	68.5	68.5	62.2	62.2	56.0	49.8	37.3	31.1	18.7	12.4
72.5°	74.7	68.5	68.5	68.5	62.2	56.0	49.8	43.6	37.3	24.9	12.4
70°	68.5	68.5	68.5	68.5	62.2	62.2	49.8	43.6	43.6	24.9	18.7
67.5°	68.5	68.5	68.5	62.2	62.2	56.0	49.8	43.6	43.6	31.1	18.7
65°	74.7	68.5	68.5	68.5	62.2	56.0	49.8	43.6	43.6	37.3	24.9
62.5°	80.9	74.7	74.7	68.5	62.2	56.0	49.8	43.6	43.6	37.3	24.9
60°	87.1	80.9	74.7	74.7	68.5	62.2	49.8	49.8	43.6	37.3	24.9
57.5°	93.4	87.1	87.1	80.9	74.7	68.5	56.0	49.8	43.6	37.3	31.1
55°	112.0	99.6	93.4	93.4	87.1	74.7	62.2	49.8	43.6	37.3	31.1
52.5°	149.4	118.3	105.8	105.8	99.6	87.1	68.5	56.0	43.6	37.3	31.1
50°	236.5	149.4	124.5	112.0	112.0	99.6	80.9	62.2	43.6	37.3	31.1
47.5°	373.5	249.0	149.4	130.7	124.5	118.3	93.4	62.2	49.8	37.3	31.1
45°	616.2	367.3	242.8	155.6	130.7	124.5	105.8	68.5	49.8	43.6	31.1
42.5°	846.6	572.7	373.5	186.7	155.6	136.9	112.0	74.7	56.0	43.6	31.1
40°	1332.1	784.3	522.9	305.0	180.5	143.2	124.5	87.1	56.0	43.6	31.1
37.5°	1805.2	1039.5	703.4	448.2	205.4	161.8	130.7	93.4	62.2	43.6	37.3
35°	2278.2	1456.6	871.5	597.6	273.9	193.0	136.9	99.6	62.2	43.6	37.3
32.5°	2701.5	1848.7	1045.7	747.0	410.8	230.3	149.4	105.8	68.5	49.8	37.3
30°	3050.1	2209.8	1357.0	877.7	535.3	280.1	161.8	105.8	74.7	49.8	37.3
27.5°	3311.5	2489.9	1674.4	1014.6	641.1	329.9	186.7	118.3	74.7	49.8	37.3
25°	3523.2	2707.7	1954.5	1157.8	734.5	410.8	224.1	124.5	80.9	56.0	37.3
22.5°	3691.2	2888.2	2184.9	1350.8	846.6	491.7	273.9	136.9	80.9	56.0	37.3
20°	3921.5	3068.8	2340.5	1556.2	964.8	566.4	317.5	149.4	80.9	56.0	43.6
17.5°	4120.7	3249.3	2465.0	1730.5	1083.1	622.5	367.3	161.8	87.1	56.0	43.6
15°	4351.0	3423.6	2577.0	1867.4	1195.1	672.3	410.8	174.3	87.1	62.2	43.6
12.5°	4600.0	3585.4	2657.9	1979.4	1313.4	715.8	448.2	199.2	93.4	62.2	43.6
10°	4855.2	3722.4	2726.4	2060.4	1400.6	759.4	473.1	224.1	99.6	62.2	43.6
7.5°	5110.5	3846.8	2813.6	2097.7	1437.9	809.2	485.5	249.0	99.6	68.5	43.6
5°	5284.7	3927.8	2938.0	2122.6	1456.6	865.2	504.2	280.1	105.8	68.5	43.6
2.5°	5434.1	3977.6	3068.8	2141.3	1462.8	896.4	498.0	298.8	112.0	68.5	43.6
0°	5502.6	3977.6	3155.9	2128.8	1444.1	927.5	498.0	317.5	112.0	68.5	43.6
-2.5°	5396.8	4089.6	3131.0	2135.1	1450.3	927.5	522.9	323.7	124.5	74.7	43.6
-5°	5228.7	4133.2	3056.3	2103.9	1437.9	927.5	554.0	329.9	130.7	74.7	49.8
-7.5°	5066.9	4151.9	2969.2	2072.8	1419.2	902.6	560.2	323.7	143.2	80.9	49.8
-10°	4855.2	3946.4	2857.1	2016.8	1381.9	883.9	572.7	323.7	149.4	80.9	49.8
-12.5°	4612.5	3697.5	2720.2	1935.9	1338.3	865.2	578.9	323.7	155.6	87.1	49.8
-15°	4332.4	3442.2	2564.6	1848.7	1276.1	840.3	566.4	317.5	161.8	87.1	56.0
-17.5°	4014.9	3193.3	2402.7	1742.9	1207.6	809.2	541.5	311.2	161.8	87.1	56.0
-20°	3653.9	2944.3	2222.2	1637.1	1126.7	771.9	516.6	298.8	161.8	87.1	56.0

REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3330.2	2714.0	2035.5	1518.8	1039.5	728.3	485.5	286.3	161.8	93.4	56.0
-25°	3062.5	2489.9	1892.3	1400.6	946.2	678.5	454.4	273.9	161.8	93.4	56.0
-27.5°	2782.4	2247.1	1742.9	1288.5	883.9	634.9	423.3	261.4	155.6	93.4	56.0
-30°	2496.1	2010.6	1587.3	1164.0	821.7	591.3	398.4	242.8	155.6	93.4	56.0
-32.5°	2234.7	1817.6	1444.1	1039.5	753.2	547.8	373.5	236.5	149.4	93.4	56.0
-35°	1979.4	1643.3	1294.7	939.9	678.5	504.2	348.6	230.3	149.4	93.4	56.0
-37.5°	1767.8	1481.5	1157.8	871.5	634.9	466.9	323.7	217.9	143.2	93.4	56.0
-40°	1593.5	1332.1	1027.1	796.8	597.6	429.5	298.8	211.6	143.2	93.4	56.0
-42.5°	1431.7	1188.9	946.2	734.5	560.2	404.6	280.1	205.4	136.9	93.4	56.0
-45°	1288.5	1064.4	865.2	678.5	516.6	373.5	267.7	193.0	130.7	93.4	62.2
-47.5°	1145.3	977.3	790.5	628.7	473.1	336.1	255.2	186.7	124.5	87.1	62.2
-50°	1033.3	883.9	728.3	572.7	429.5	323.7	242.8	174.3	124.5	87.1	62.2
-52.5°	933.7	796.8	659.8	516.6	392.2	305.0	230.3	161.8	118.3	87.1	62.2
-55°	840.3	715.8	591.3	460.6	367.3	286.3	211.6	149.4	118.3	87.1	62.2
-57.5°	747.0	641.1	522.9	417.1	336.1	267.7	199.2	149.4	118.3	87.1	62.2
-60°	672.3	572.7	473.1	385.9	311.2	242.8	180.5	143.2	112.0	87.1	62.2
-62.5°	610.0	516.6	429.5	348.6	286.3	217.9	174.3	143.2	112.0	87.1	56.0
-65°	547.8	466.9	385.9	317.5	255.2	205.4	168.1	136.9	112.0	87.1	56.0
-67.5°	485.5	410.8	348.6	280.1	236.5	199.2	161.8	136.9	105.8	80.9	56.0
-70°	423.3	361.0	305.0	261.4	224.1	186.7	155.6	130.7	105.8	74.7	49.8
-72.5°	373.5	317.5	273.9	242.8	211.6	180.5	149.4	124.5	99.6	68.5	43.6
-75°	317.5	280.1	249.0	217.9	193.0	168.1	143.2	112.0	87.1	62.2	43.6
-77.5°	267.7	242.8	217.9	199.2	174.3	149.4	124.5	99.6	80.9	56.0	37.3
-80°	230.3	211.6	193.0	174.3	155.6	130.7	112.0	87.1	68.5	49.8	31.1
-82.5°	186.7	174.3	155.6	143.2	130.7	112.0	93.4	74.7	49.8	37.3	24.9
-85°	143.2	130.7	124.5	112.0	99.6	80.9	62.2	49.8	37.3	24.9	12.4
-87.5°	74.7	68.5	62.2	56.0	49.8	37.3	31.1	24.9	18.7	12.4	6.2
-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: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-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°	6.2	0.0	0.0	0.0
77.5°	6.2	0.0	0.0	0.0
75°	6.2	6.2	0.0	0.0
72.5°	6.2	6.2	0.0	0.0
70°	6.2	6.2	0.0	0.0
67.5°	12.4	6.2	0.0	0.0
65°	12.4	6.2	0.0	0.0
62.5°	12.4	6.2	0.0	0.0
60°	12.4	6.2	0.0	0.0
57.5°	18.7	6.2	6.2	0.0
55°	18.7	6.2	6.2	0.0
52.5°	18.7	6.2	6.2	0.0
50°	18.7	12.4	6.2	0.0
47.5°	18.7	12.4	6.2	0.0
45°	18.7	12.4	6.2	0.0
42.5°	18.7	12.4	6.2	0.0
40°	24.9	12.4	6.2	0.0
37.5°	24.9	12.4	6.2	0.0
35°	24.9	12.4	6.2	0.0
32.5°	24.9	12.4	6.2	0.0
30°	24.9	12.4	6.2	0.0
27.5°	24.9	18.7	6.2	0.0
25°	24.9	18.7	6.2	0.0
22.5°	31.1	18.7	6.2	0.0
20°	31.1	18.7	6.2	0.0
17.5°	31.1	18.7	6.2	0.0
15°	31.1	18.7	6.2	0.0
12.5°	31.1	18.7	6.2	0.0
10°	31.1	18.7	6.2	0.0
7.5°	31.1	18.7	6.2	0.0
5°	31.1	18.7	6.2	0.0
2.5°	31.1	18.7	6.2	0.0
0°	31.1	18.7	6.2	0.0
-2.5°	31.1	18.7	6.2	0.0
-5°	31.1	18.7	6.2	0.0
-7.5°	31.1	18.7	6.2	0.0
-10°	31.1	18.7	6.2	0.0
-12.5°	37.3	18.7	6.2	0.0
-15°	37.3	18.7	6.2	0.0
-17.5°	37.3	18.7	6.2	0.0
-20°	37.3	18.7	6.2	0.0

REPORT NUMBER: P722407

CATALOG NUMBER: IFLD-S-SA6D-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	37.3	18.7	6.2	0.0
-25°	37.3	18.7	6.2	0.0
-27.5°	37.3	18.7	6.2	0.0
-30°	37.3	18.7	6.2	0.0
-32.5°	37.3	18.7	6.2	0.0
-35°	37.3	18.7	6.2	0.0
-37.5°	37.3	18.7	6.2	0.0
-40°	37.3	18.7	6.2	0.0
-42.5°	31.1	18.7	6.2	0.0
-45°	37.3	18.7	6.2	0.0
-47.5°	37.3	18.7	6.2	0.0
-50°	37.3	18.7	6.2	0.0
-52.5°	37.3	18.7	6.2	0.0
-55°	37.3	18.7	6.2	0.0
-57.5°	37.3	18.7	6.2	0.0
-60°	37.3	18.7	6.2	0.0
-62.5°	31.1	18.7	6.2	0.0
-65°	31.1	12.4	6.2	0.0
-67.5°	31.1	12.4	6.2	0.0
-70°	31.1	12.4	6.2	0.0
-72.5°	24.9	12.4	6.2	0.0
-75°	24.9	12.4	6.2	0.0
-77.5°	18.7	6.2	0.0	0.0
-80°	18.7	6.2	0.0	0.0
-82.5°	12.4	6.2	0.0	0.0
-85°	6.2	6.2	0.0	0.0
-87.5°	6.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)