

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: P722229

Luminaire Tested: **IFLD-S-SA3E-927-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722229  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3E-927-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2700K CCT, 90 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

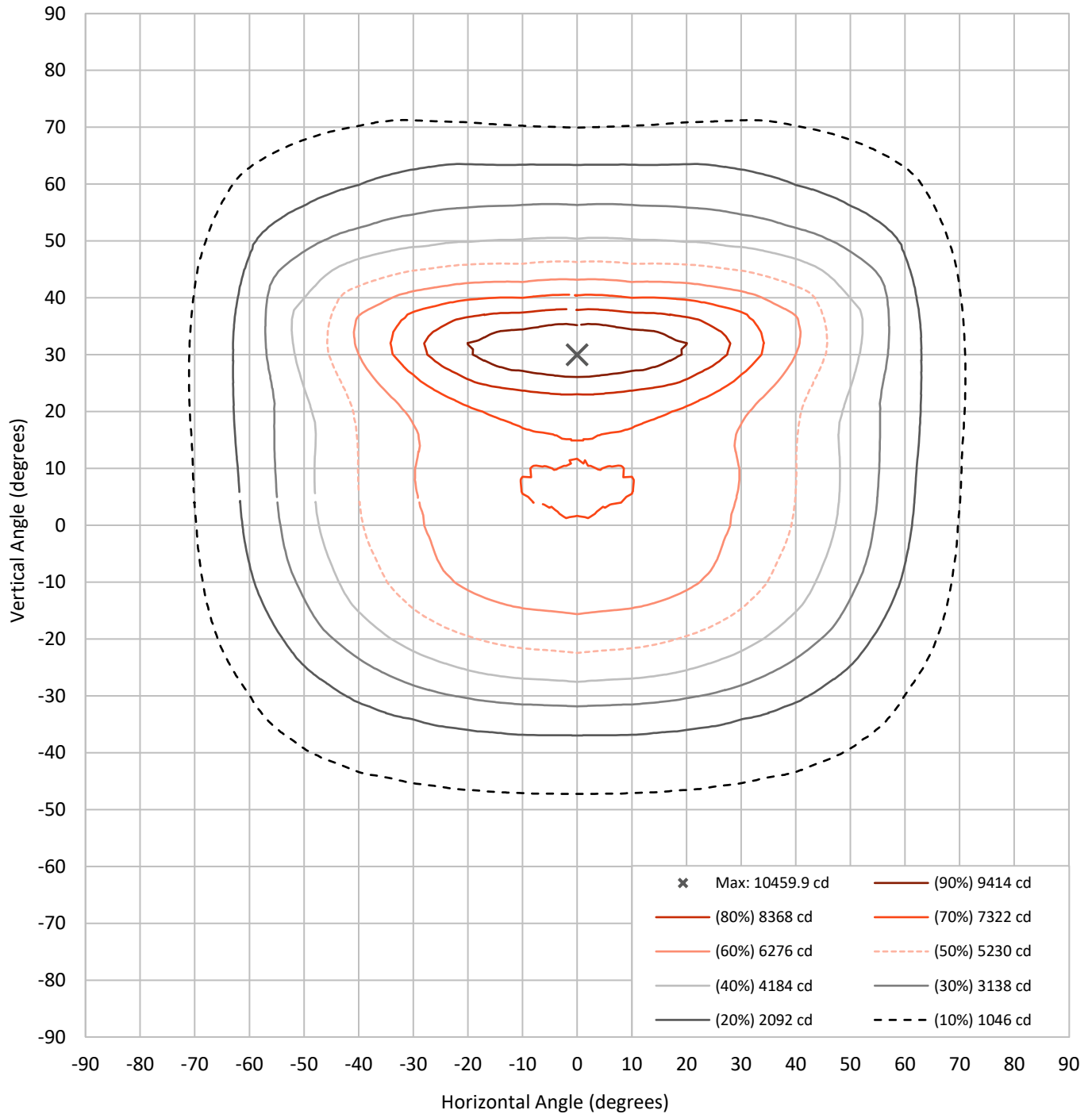
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17460.2 lumens	Max Intensity:	10459.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	75.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10153.3 lumens	Field Lumens:	16362.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



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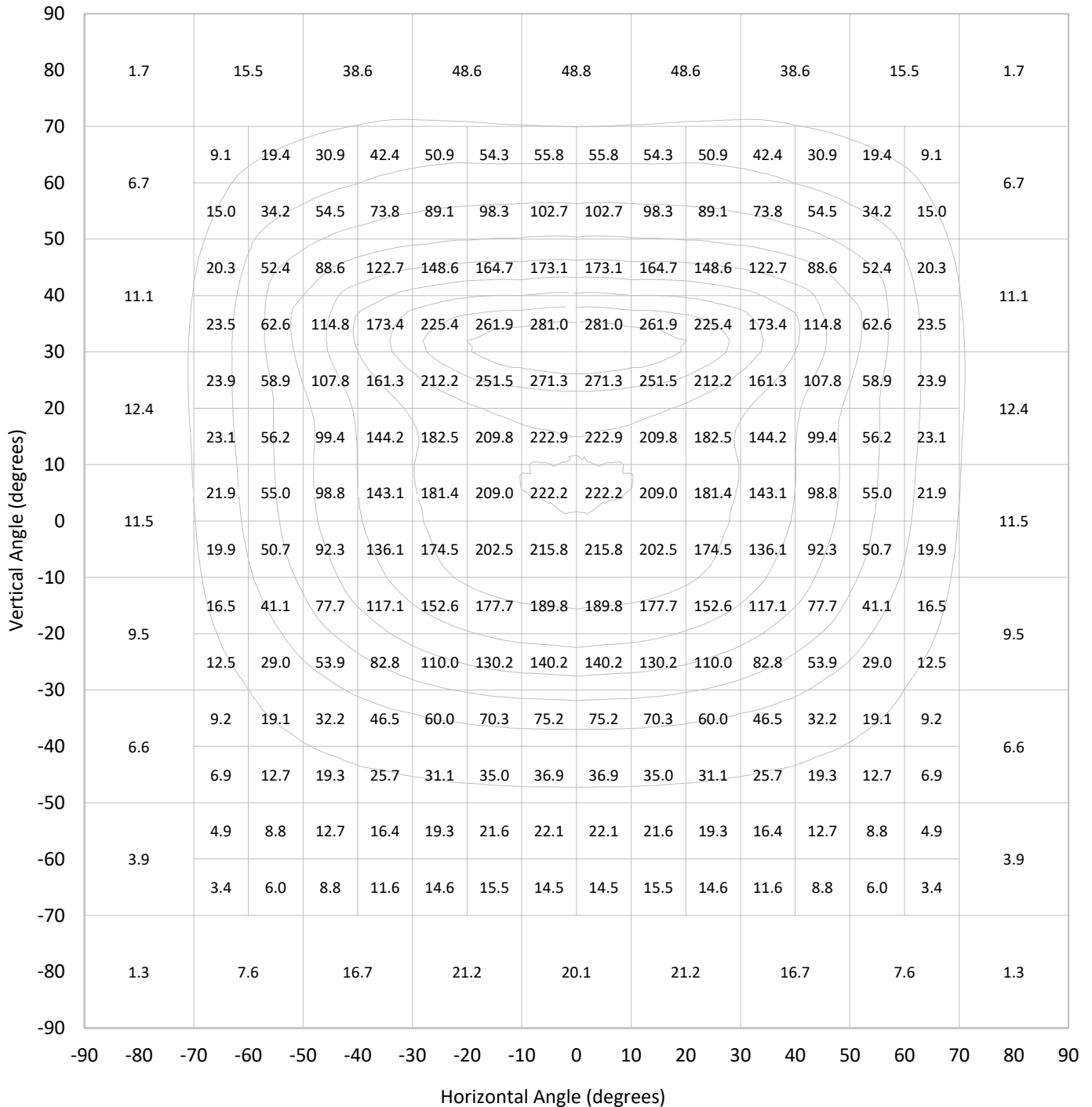
### Iso-Candela Plot





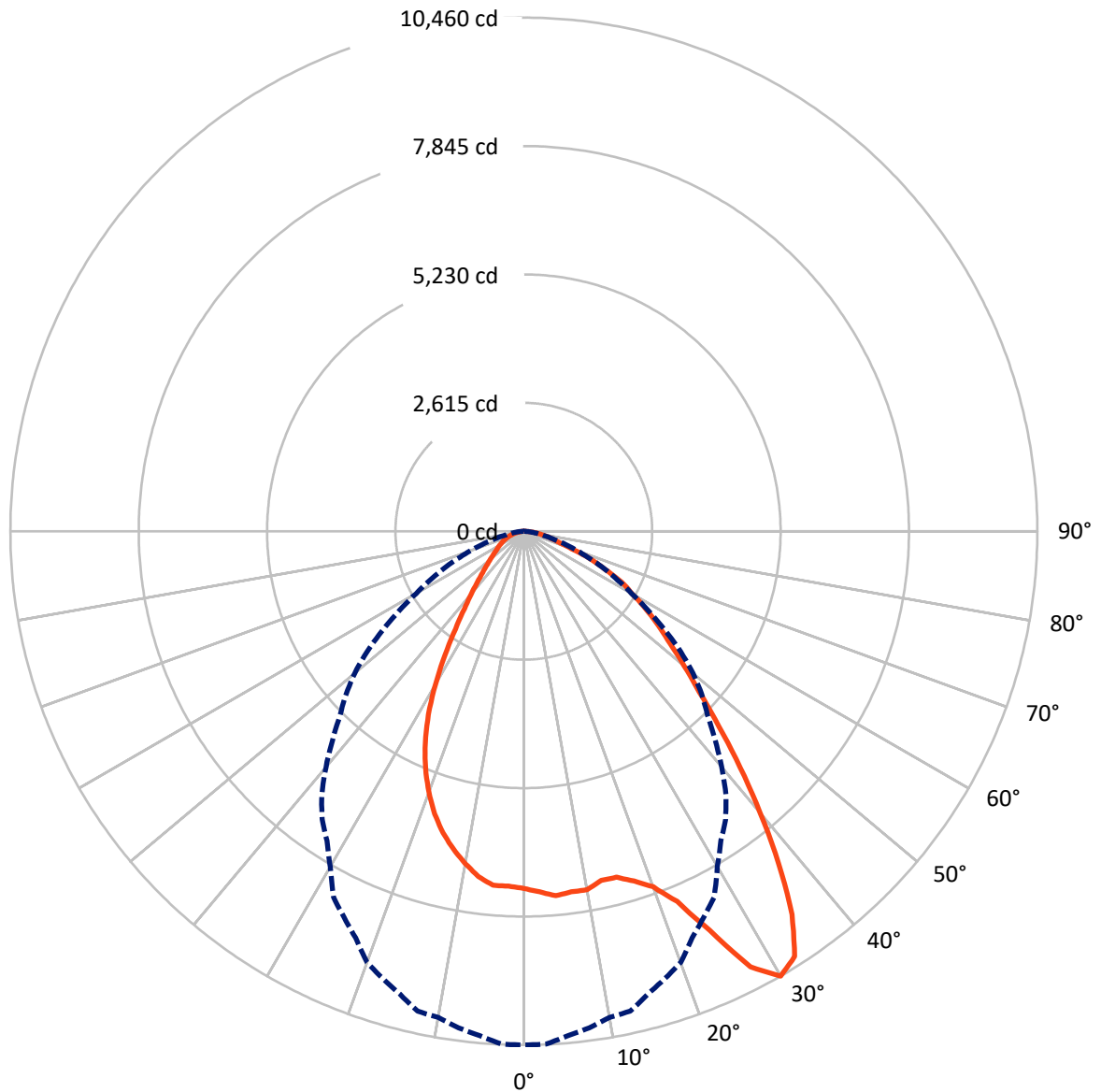
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### Lumen Table



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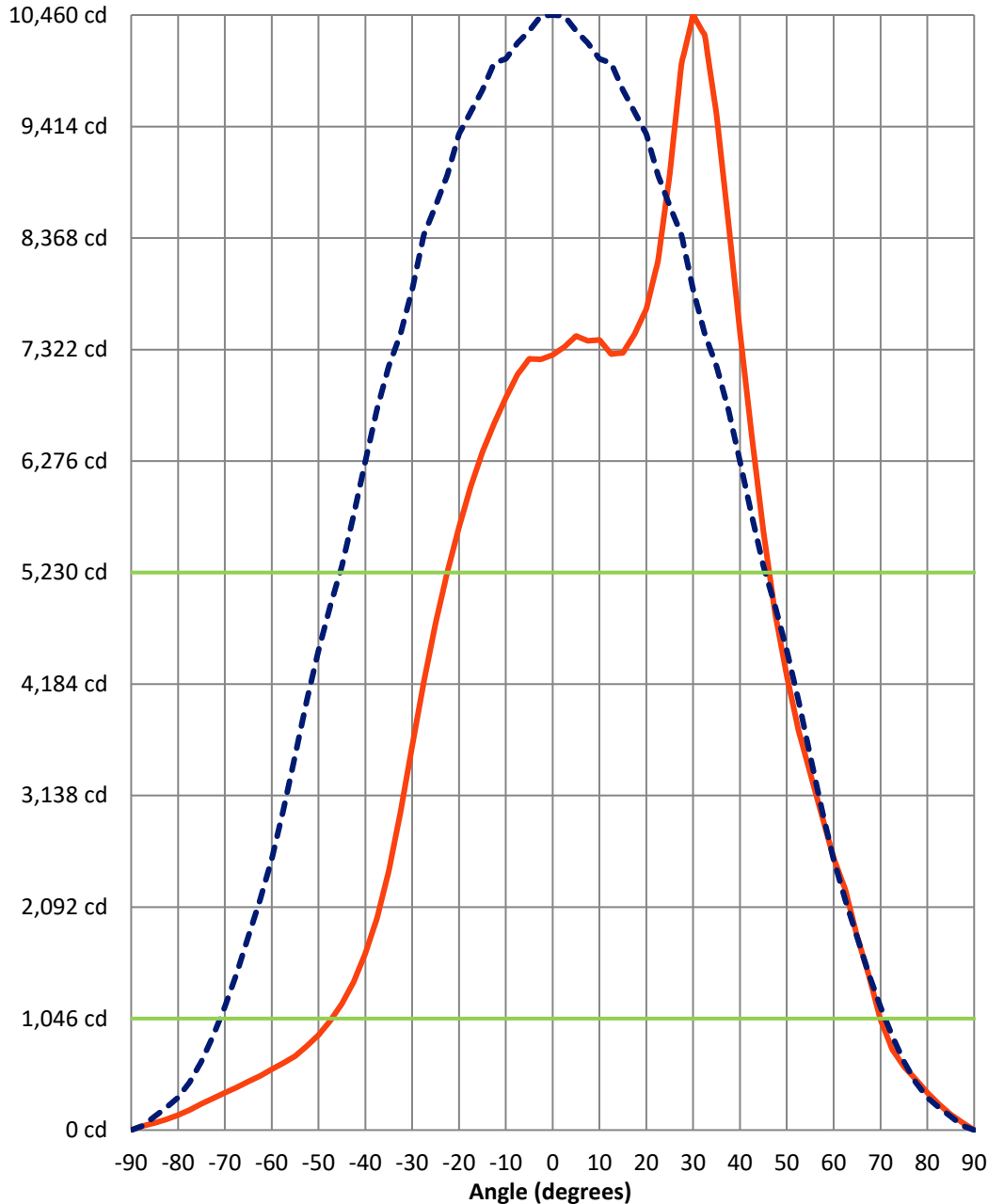
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 10153.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 16362.5  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1097.7  
 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°	70.3	72.1	74.0	74.0	72.1	72.1	72.1	70.3	72.1	72.1	72.1
85°	146.1	149.8	153.5	151.7	149.8	146.1	142.4	144.3	146.1	148.0	148.0
82.5°	242.3	247.9	251.6	249.7	246.0	242.3	238.6	240.5	244.2	246.0	246.0
80°	351.4	353.3	355.1	358.8	353.3	353.3	351.4	358.8	362.5	366.2	369.9
77.5°	477.2	479.1	479.1	480.9	482.8	484.6	484.6	497.6	506.8	512.4	517.9
75°	595.6	601.1	606.7	612.2	619.6	623.3	628.9	647.4	662.2	673.3	684.4
72.5°	758.4	765.8	775.0	788.0	800.9	810.2	823.1	845.3	861.9	873.0	886.0
70°	1037.7	1045.1	1054.3	1063.6	1076.5	1085.8	1098.7	1126.5	1143.1	1150.5	1157.9
67.5°	1452.0	1470.5	1487.1	1468.6	1459.4	1446.4	1450.1	1476.0	1492.7	1503.8	1501.9
65°	1820.1	1833.0	1833.0	1831.2	1823.8	1807.1	1816.4	1847.8	1866.3	1875.6	1847.8
62.5°	2252.9	2252.9	2243.7	2258.5	2260.3	2249.2	2243.7	2245.5	2247.4	2252.9	2206.7
60°	2552.5	2571.0	2576.6	2589.5	2593.2	2593.2	2602.5	2609.9	2609.9	2598.8	2545.1
57.5°	2948.4	2983.5	2990.9	2981.7	2963.2	2939.1	2935.4	2924.3	2902.1	2879.9	2854.0
55°	3347.9	3366.4	3364.6	3359.0	3340.5	3312.8	3316.5	3301.7	3266.5	3238.8	3203.6
52.5°	3749.3	3793.7	3801.1	3790.0	3764.1	3734.5	3736.3	3719.7	3684.5	3655.0	3606.9
50°	4261.6	4298.6	4294.9	4276.4	4239.5	4217.3	4219.1	4187.7	4147.0	4137.7	4074.8
47.5°	4848.0	4890.5	4883.1	4857.2	4807.3	4798.1	4807.3	4766.6	4742.6	4722.2	4648.2
45°	5617.5	5667.4	5639.7	5589.7	5510.2	5519.4	5532.4	5525.0	5473.2	5419.5	5325.2
42.5°	6520.1	6551.5	6518.2	6468.3	6368.4	6386.9	6379.5	6335.1	6303.7	6214.9	6094.7
40°	7485.6	7554.1	7502.3	7424.6	7321.0	7348.8	7328.4	7271.1	7197.1	7086.1	6934.4
37.5°	8527.0	8580.6	8521.4	8430.8	8338.3	8329.1	8288.4	8199.6	8094.2	7972.1	7729.8
35°	9524.0	9662.7	9553.6	9409.3	9296.5	9253.9	9215.1	9009.8	8889.5	8691.6	8360.5
32.5°	10265.7	10367.4	10232.4	10082.6	9945.7	9886.5	9749.6	9505.5	9440.7	9024.6	8721.2
30°	10459.9	10452.5	10311.9	10197.2	10049.3	10008.6	9757.0	9549.9	9342.7	8958.0	8669.4
27.5°	9997.5	9951.2	9816.2	9716.3	9570.2	9522.1	9274.3	9163.3	8843.3	8517.7	8273.6
25°	8967.2	8991.3	8889.5	8839.6	8743.4	8639.8	8541.8	8392.0	8192.2	7907.4	7683.5
22.5°	8155.2	8186.7	8144.1	8084.9	8010.9	7953.6	7879.6	7763.1	7570.7	7395.0	7184.1
20°	7703.9	7694.6	7657.6	7613.3	7543.0	7502.3	7420.9	7322.9	7174.9	7023.2	6795.7
17.5°	7467.1	7409.8	7374.6	7358.0	7321.0	7269.2	7173.0	7073.1	6958.5	6786.4	6620.0
15°	7291.4	7300.7	7272.9	7260.0	7230.4	7158.2	7060.2	6978.8	6823.4	6736.5	6584.8
12.5°	7280.3	7271.1	7272.9	7267.4	7230.4	7137.9	7087.9	6984.4	6884.5	6769.8	6595.9
10°	7411.6	7313.6	7321.0	7346.9	7287.7	7213.7	7160.1	7047.3	6952.9	6806.8	6634.8
7.5°	7404.2	7354.3	7369.1	7326.6	7345.1	7254.4	7180.4	7067.6	6949.2	6793.8	6638.5
5°	7448.6	7372.8	7359.8	7363.5	7317.3	7248.9	7149.0	7041.7	6930.7	6756.9	6597.8
2.5°	7346.9	7358.0	7298.8	7276.6	7271.1	7156.4	7063.9	6960.3	6845.6	6692.1	6549.7
0°	7271.1	7291.4	7230.4	7198.9	7197.1	7099.0	7039.9	6921.5	6840.1	6712.5	6540.4
-2.5°	7230.4	7254.4	7261.8	7204.5	7149.0	7073.1	6973.3	6845.6	6712.5	6564.5	6416.5
-5°	7234.1	7186.0	7165.6	7184.1	7136.0	7060.2	6949.2	6836.4	6705.1	6546.0	6361.0
-7.5°	7087.9	7039.9	7036.2	7026.9	7015.8	6943.7	6851.2	6729.1	6595.9	6448.0	6275.9
-10°	6869.7	6834.5	6825.3	6816.0	6786.4	6743.9	6657.0	6546.0	6425.8	6277.8	6094.7
-12.5°	6627.4	6610.7	6575.6	6551.5	6521.9	6472.0	6388.8	6287.0	6166.8	6035.5	5878.3
-15°	6359.2	6327.7	6292.6	6272.2	6229.7	6170.5	6087.3	5992.9	5861.6	5732.1	5584.2
-17.5°	6035.5	5996.6	5957.8	5952.2	5922.7	5832.0	5754.3	5639.7	5525.0	5401.0	5256.8
-20°	5654.5	5600.8	5574.9	5560.1	5519.4	5452.8	5369.6	5264.2	5153.2	5034.8	4868.3



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5232.7	5186.5	5142.1	5114.3	5079.2	5027.4	4947.9	4855.4	4746.3	4613.1	4459.6
-25°	4753.7	4688.9	4661.2	4629.7	4611.2	4563.1	4485.5	4400.4	4287.5	4158.1	4011.9
-27.5°	4206.2	4154.4	4139.6	4095.2	4073.0	4023.0	3958.3	3878.8	3775.2	3653.1	3532.9
-30°	3601.3	3569.9	3545.8	3501.4	3484.8	3431.1	3388.6	3322.0	3227.7	3140.7	3044.6
-32.5°	2979.8	2948.4	2941.0	2920.6	2909.5	2874.4	2826.3	2778.2	2702.4	2637.6	2559.9
-35°	2428.6	2406.4	2408.3	2406.4	2395.3	2369.4	2310.2	2297.3	2241.8	2182.6	2132.7
-37.5°	1988.4	1990.2	1988.4	1986.5	1971.8	1960.7	1918.1	1901.5	1868.2	1810.8	1781.2
-40°	1657.3	1661.0	1659.2	1655.5	1638.8	1633.3	1605.5	1583.3	1570.4	1529.7	1498.2
-42.5°	1389.1	1394.7	1392.8	1391.0	1379.9	1378.0	1363.2	1337.3	1329.9	1305.9	1272.6
-45°	1185.6	1183.8	1180.1	1183.8	1178.2	1172.7	1163.4	1146.8	1137.5	1126.5	1098.7
-47.5°	1024.7	1026.6	1022.9	1022.9	1015.5	1009.9	1006.2	995.1	987.7	978.5	961.8
-50°	891.5	898.9	897.1	895.2	889.7	886.0	886.0	874.9	863.8	860.1	849.0
-52.5°	788.0	793.5	795.4	799.1	800.9	802.8	797.2	786.1	767.6	765.8	760.2
-55°	693.6	710.3	721.4	728.8	736.2	741.7	730.6	715.8	697.3	689.9	688.1
-57.5°	628.9	645.5	658.5	669.6	678.8	688.1	677.0	662.2	645.5	636.3	634.4
-60°	569.7	584.5	597.4	612.2	625.2	640.0	634.4	623.3	614.1	606.7	599.3
-62.5°	506.8	521.6	536.4	554.9	571.5	586.3	588.2	586.3	584.5	586.3	573.4
-65°	455.0	462.4	471.7	492.0	510.5	527.2	536.4	542.0	551.2	560.5	547.5
-67.5°	399.5	408.8	419.9	434.7	449.5	460.6	473.5	488.3	503.1	517.9	508.7
-70°	349.6	357.0	366.2	373.6	382.9	390.3	401.4	418.0	434.7	449.5	445.8
-72.5°	297.8	305.2	310.7	314.4	320.0	323.7	329.2	344.0	355.1	362.5	362.5
-75°	246.0	253.4	259.0	260.8	264.5	266.4	270.1	275.6	281.2	283.0	284.8
-77.5°	188.7	196.1	201.6	205.3	209.0	212.7	214.6	218.3	220.1	220.1	222.0
-80°	140.6	146.1	149.8	155.4	157.2	160.9	164.6	166.5	168.3	168.3	170.2
-82.5°	99.9	103.6	107.3	111.0	114.7	116.5	120.2	122.1	123.9	125.8	127.6
-85°	66.6	70.3	74.0	77.7	79.5	81.4	83.2	85.1	86.9	88.8	90.6
-87.5°	38.8	40.7	42.5	46.2	48.1	51.8	53.6	51.8	53.6	53.6	53.6
-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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**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°	72.1	72.1	72.1	72.1	70.3	66.6	64.7	61.0	57.3	53.6	49.9
85°	149.8	151.7	151.7	151.7	148.0	146.1	140.6	135.0	127.6	116.5	107.3
82.5°	249.7	251.6	251.6	249.7	246.0	240.5	233.1	223.8	209.0	194.2	181.3
80°	375.5	377.3	377.3	375.5	366.2	357.0	347.7	336.6	318.1	297.8	275.6
77.5°	525.3	529.0	529.0	523.5	510.5	499.4	484.6	466.1	438.4	408.8	379.2
75°	699.2	708.4	710.3	704.7	688.1	667.7	643.7	612.2	569.7	532.7	497.6
72.5°	900.8	910.0	917.4	910.0	886.0	858.2	823.1	786.1	743.6	693.6	634.4
70°	1165.3	1174.5	1180.1	1156.0	1113.5	1067.3	1024.7	982.2	932.2	871.2	806.5
67.5°	1498.2	1489.0	1477.9	1429.8	1376.2	1320.7	1261.5	1198.6	1133.8	1069.1	993.3
65°	1818.2	1792.3	1768.3	1710.9	1642.5	1570.4	1501.9	1431.6	1354.0	1272.6	1200.4
62.5°	2154.9	2099.4	2040.2	1969.9	1899.6	1820.1	1751.6	1668.4	1581.5	1481.6	1389.1
60°	2486.0	2419.4	2360.2	2273.2	2180.8	2073.5	1999.5	1918.1	1816.4	1709.1	1600.0
57.5°	2806.0	2733.8	2669.1	2593.2	2493.4	2376.8	2295.4	2190.0	2082.7	1947.7	1836.7
55°	3146.3	3074.2	3022.4	2937.3	2828.1	2720.9	2632.1	2521.1	2371.3	2227.0	2090.1
52.5°	3536.6	3479.2	3423.7	3336.8	3205.5	3096.4	2998.3	2874.4	2717.2	2539.6	2375.0
50°	3973.1	3943.5	3884.3	3782.6	3632.8	3536.6	3407.1	3242.5	3074.2	2887.3	2682.0
47.5°	4552.0	4504.0	4420.7	4309.7	4184.0	4039.7	3865.8	3673.5	3434.8	3227.7	3009.4
45°	5243.8	5155.0	5047.8	4897.9	4742.6	4579.8	4389.3	4145.1	3825.1	3555.1	3325.7
42.5°	5992.9	5872.7	5726.6	5530.5	5328.9	5129.1	4923.8	4590.9	4191.4	3880.6	3621.7
40°	6775.4	6621.8	6438.7	6153.9	5930.1	5672.9	5438.0	4940.5	4515.1	4178.4	3902.8
37.5°	7541.1	7346.9	7039.9	6694.0	6433.2	6222.3	5706.2	5173.5	4792.5	4422.6	4143.3
35°	8127.5	7962.8	7420.9	7062.1	6838.2	6505.3	5859.8	5314.1	4910.9	4603.8	4169.2
32.5°	8475.2	8049.8	7574.4	7211.9	7026.9	6481.3	5870.9	5354.8	4966.4	4622.3	4102.6
30°	8397.5	7883.3	7467.1	7163.8	6762.4	6272.2	5767.3	5291.9	4914.6	4498.4	4028.6
27.5°	7929.5	7531.9	7160.1	6843.8	6449.8	6009.6	5543.5	5125.4	4774.0	4370.8	3926.9
25°	7400.5	7039.9	6764.3	6488.7	6115.0	5695.1	5284.5	4983.0	4629.7	4232.1	3793.7
22.5°	6914.1	6655.1	6438.7	6150.2	5785.8	5419.5	5164.3	4851.7	4489.2	4085.9	3656.8
20°	6603.3	6427.6	6179.8	5861.6	5574.9	5345.6	5062.6	4731.5	4357.8	3936.1	3540.3
17.5°	6453.5	6250.0	5974.4	5767.3	5547.2	5295.6	4979.3	4627.9	4230.2	3867.7	3553.2
15°	6375.8	6161.3	5980.0	5776.5	5528.7	5264.2	4912.7	4548.3	4230.2	3895.4	3562.5
12.5°	6392.5	6207.5	6009.6	5787.6	5521.3	5238.3	4920.1	4581.6	4252.4	3915.8	3564.3
10°	6444.3	6250.0	6039.2	5793.2	5525.0	5245.7	4940.5	4602.0	4263.5	3925.0	3560.6
7.5°	6462.8	6251.9	6026.2	5778.4	5515.7	5242.0	4944.2	4607.5	4265.3	3923.2	3549.5
5°	6405.4	6214.9	5996.6	5746.9	5489.8	5223.5	4929.4	4600.1	4250.5	3904.7	3521.8
2.5°	6327.7	6174.2	5965.2	5724.7	5463.9	5197.6	4905.3	4566.8	4217.3	3871.4	3486.6
0°	6314.8	6124.3	5913.4	5698.8	5421.4	5140.2	4849.8	4504.0	4156.2	3808.5	3425.6
-2.5°	6229.7	6028.1	5817.2	5584.2	5340.0	5057.0	4751.8	4413.3	4069.3	3727.1	3359.0
-5°	6165.0	5941.1	5717.3	5465.8	5219.8	4936.8	4620.5	4291.2	3954.6	3621.7	3266.5
-7.5°	6078.0	5848.7	5613.8	5351.1	5084.8	4796.2	4483.6	4154.4	3823.3	3492.2	3151.8
-10°	5902.3	5700.7	5480.6	5208.7	4927.5	4639.0	4328.2	4004.5	3673.5	3338.7	2996.5
-12.5°	5689.6	5476.9	5236.4	4986.7	4735.2	4467.0	4156.2	3838.1	3505.1	3168.5	2828.1
-15°	5414.0	5205.0	4959.0	4714.8	4472.5	4215.4	3941.7	3655.0	3316.5	2985.4	2645.0
-17.5°	5070.0	4873.9	4653.8	4420.7	4180.3	3921.3	3655.0	3412.6	3096.4	2785.6	2449.0
-20°	4700.0	4516.9	4319.0	4098.9	3858.4	3605.0	3353.5	3100.1	2826.3	2552.5	2240.0



REPORT NUMBER: P722229

CATALOG NUMBER: IFLD-S-SA3E-927-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4315.3	4130.3	3930.6	3725.2	3503.3	3268.4	3035.3	2793.0	2552.5	2304.7	2040.2
-25°	3871.4	3708.6	3525.5	3325.7	3127.8	2922.5	2700.5	2480.4	2275.1	2060.5	1844.1
-27.5°	3407.1	3257.3	3090.8	2916.9	2746.8	2574.7	2382.4	2178.9	2008.7	1831.2	1651.8
-30°	2918.8	2798.6	2663.5	2511.9	2380.5	2241.8	2080.9	1912.6	1757.2	1622.2	1477.9
-32.5°	2456.4	2354.6	2258.5	2158.6	2029.1	1921.8	1810.8	1686.9	1550.0	1422.4	1318.8
-35°	2058.7	1949.6	1908.9	1834.9	1742.4	1648.1	1566.7	1477.9	1374.3	1261.5	1176.4
-37.5°	1723.9	1659.2	1601.8	1561.1	1500.1	1424.2	1359.5	1294.8	1215.2	1130.2	1045.1
-40°	1463.1	1418.7	1355.8	1335.5	1296.6	1244.8	1178.2	1128.3	1074.7	1009.9	937.8
-42.5°	1254.1	1220.8	1180.1	1144.9	1128.3	1091.3	1039.5	991.4	948.9	904.5	849.0
-45°	1082.1	1059.9	1034.0	1002.5	989.6	960.0	923.0	869.3	845.3	808.3	767.6
-47.5°	943.3	932.2	913.7	893.4	874.9	852.7	819.4	786.1	752.8	728.8	697.3
-50°	834.2	826.8	815.7	799.1	775.0	760.2	738.0	708.4	677.0	656.6	634.4
-52.5°	747.3	739.9	732.5	719.5	701.0	686.2	667.7	643.7	617.8	597.4	578.9
-55°	680.7	669.6	664.0	652.9	638.1	621.5	604.8	588.2	566.0	547.5	529.0
-57.5°	628.9	614.1	606.7	597.4	582.6	566.0	553.1	536.4	521.6	501.3	484.6
-60°	588.2	571.5	556.8	547.5	534.6	517.9	505.0	492.0	477.2	460.6	440.2
-62.5°	554.9	534.6	514.2	503.1	490.2	475.4	462.4	449.5	434.7	418.0	399.5
-65°	523.5	499.4	473.5	462.4	449.5	434.7	418.0	408.8	395.8	381.0	362.5
-67.5°	484.6	458.7	436.5	423.6	410.6	397.7	382.9	373.6	360.7	342.2	323.7
-70°	427.3	410.6	395.8	384.7	373.6	362.5	347.7	332.9	318.1	301.5	284.8
-72.5°	355.1	349.6	347.7	342.2	329.2	316.3	301.5	286.7	273.8	260.8	247.9
-75°	286.7	290.4	294.1	292.2	279.3	266.4	253.4	240.5	231.2	220.1	209.0
-77.5°	227.5	231.2	234.9	234.9	225.7	218.3	209.0	199.8	192.4	183.1	172.0
-80°	175.7	181.3	186.8	190.5	183.1	177.6	170.2	162.8	155.4	148.0	140.6
-82.5°	133.2	138.7	144.3	148.0	142.4	138.7	133.2	127.6	122.1	114.7	109.1
-85°	96.2	99.9	103.6	105.4	101.7	98.0	94.3	90.6	86.9	81.4	77.7
-87.5°	55.5	57.3	59.2	61.0	57.3	53.6	51.8	48.1	46.2	42.5	40.7
-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: P722229  
 CATALOG NUMBER: IFLD-S-SA3E-927-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°	46.2	42.5	38.8	37.0	33.3	27.7	24.0	20.3	16.6	12.9	11.1
85°	98.0	88.8	77.7	72.1	64.7	57.3	49.9	42.5	35.1	27.7	20.3
82.5°	168.3	157.2	146.1	133.2	116.5	96.2	75.8	62.9	51.8	40.7	31.4
80°	253.4	233.1	214.6	197.9	179.4	153.5	125.8	99.9	70.3	53.6	40.7
77.5°	351.4	327.4	301.5	273.8	244.2	209.0	177.6	144.3	109.1	74.0	51.8
75°	462.4	431.0	395.8	357.0	318.1	271.9	227.5	188.7	148.0	103.6	62.9
72.5°	586.3	547.5	505.0	453.2	392.1	338.5	284.8	233.1	185.0	131.3	85.1
70°	745.4	684.4	621.5	566.0	488.3	403.2	340.3	281.2	220.1	160.9	107.3
67.5°	915.6	841.6	765.8	684.4	586.3	486.5	395.8	329.2	257.1	188.7	127.6
65°	1100.6	1008.1	911.9	821.3	686.2	567.8	466.1	375.5	292.2	214.6	148.0
62.5°	1291.1	1181.9	1071.0	952.6	797.2	651.1	532.7	427.3	325.5	238.6	166.5
60°	1494.5	1366.9	1231.9	1083.9	902.6	741.7	595.6	480.9	360.7	262.7	186.8
57.5°	1709.1	1570.4	1411.3	1211.5	1011.8	828.7	667.7	529.0	392.1	284.8	201.6
55°	1942.2	1783.1	1609.2	1344.7	1119.1	915.6	739.9	577.1	425.4	303.3	216.4
52.5°	2193.7	2008.7	1788.6	1485.3	1231.9	1004.4	806.5	619.6	456.9	323.7	229.4
50°	2474.9	2241.8	1945.9	1614.8	1329.9	1087.6	873.0	665.9	482.8	345.9	240.5
47.5°	2767.1	2515.6	2086.4	1735.0	1429.8	1169.0	941.5	706.6	508.7	364.4	251.6
45°	3072.3	2706.1	2232.6	1842.3	1516.7	1243.0	993.3	743.6	540.1	381.0	260.8
42.5°	3373.8	2850.3	2360.2	1949.6	1598.1	1309.6	1035.8	778.7	566.0	397.7	270.1
40°	3516.2	2959.5	2461.9	2023.5	1666.6	1368.8	1072.8	810.2	588.2	408.8	279.3
37.5°	3575.4	3026.1	2528.5	2093.8	1720.2	1400.2	1104.3	837.9	606.7	419.9	286.7
35°	3588.4	3050.1	2561.8	2141.9	1764.6	1429.8	1128.3	858.2	621.5	431.0	294.1
32.5°	3564.3	3042.7	2571.0	2158.6	1792.3	1452.0	1144.9	873.0	632.6	442.1	301.5
30°	3510.7	3003.9	2537.8	2156.7	1812.7	1464.9	1156.0	884.1	643.7	449.5	305.2
27.5°	3423.7	2935.4	2495.2	2158.6	1823.8	1470.5	1161.6	889.7	651.1	455.0	312.6
25°	3316.5	2842.9	2497.1	2154.9	1825.6	1472.3	1161.6	889.7	652.9	456.9	318.1
22.5°	3192.5	2842.9	2497.1	2149.3	1814.5	1468.6	1156.0	886.0	652.9	460.6	323.7
20°	3199.9	2844.8	2491.5	2138.2	1797.9	1457.5	1143.1	876.7	647.4	466.1	327.4
17.5°	3205.5	2841.1	2480.4	2123.4	1775.7	1439.0	1126.5	863.8	647.4	471.7	329.2
15°	3205.5	2830.0	2463.8	2101.2	1747.9	1413.2	1102.4	852.7	649.2	473.5	332.9
12.5°	3199.9	2809.7	2437.9	2071.6	1714.6	1381.7	1087.6	849.0	649.2	475.4	332.9
10°	3188.8	2781.9	2404.6	2034.6	1683.2	1370.6	1080.2	841.6	645.5	475.4	332.9
7.5°	3168.5	2748.6	2376.8	2012.4	1664.7	1357.7	1069.1	830.5	640.0	471.7	336.6
5°	3137.0	2730.1	2354.6	1986.5	1638.8	1348.4	1061.7	821.3	636.3	471.7	332.9
2.5°	3096.4	2707.9	2328.7	1953.3	1609.2	1317.0	1037.7	800.9	623.3	464.3	329.2
0°	3029.8	2663.5	2284.3	1907.0	1568.5	1285.5	1013.6	780.6	610.4	456.9	325.5
-2.5°	2968.7	2604.3	2227.0	1858.9	1529.7	1257.8	995.1	769.5	604.8	455.0	323.7
-5°	2883.6	2523.0	2151.2	1796.0	1477.9	1230.0	976.6	756.5	599.3	451.3	323.7
-7.5°	2789.3	2437.9	2071.6	1731.3	1426.1	1181.9	941.5	736.2	586.3	443.9	321.8
-10°	2643.2	2310.2	1971.8	1657.3	1370.6	1139.4	911.9	717.7	575.2	436.5	314.4
-12.5°	2487.8	2169.7	1857.1	1566.7	1307.7	1095.0	878.6	697.3	562.3	429.1	310.7
-15°	2323.2	2025.4	1736.8	1472.3	1239.3	1041.4	843.5	675.1	549.4	419.9	305.2
-17.5°	2151.2	1873.7	1612.9	1376.2	1170.8	985.9	806.5	654.8	534.6	410.6	299.6
-20°	1969.9	1718.3	1487.1	1278.1	1098.7	930.4	767.6	630.7	517.9	399.5	292.2



REPORT NUMBER: P722229

CATALOG NUMBER: IFLD-S-SA3E-927-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1790.5	1564.8	1357.7	1181.9	1024.7	873.0	728.8	606.7	499.4	386.6	286.7
-25°	1631.4	1420.5	1243.0	1089.5	952.6	817.6	688.1	582.6	479.1	373.6	279.3
-27.5°	1476.0	1296.6	1130.2	1002.5	882.3	763.9	649.2	556.8	458.7	358.8	271.9
-30°	1331.8	1178.2	1041.4	917.4	815.7	715.8	615.9	530.9	436.5	344.0	262.7
-32.5°	1200.4	1076.5	961.8	843.5	752.8	667.7	584.5	505.0	414.3	329.2	253.4
-35°	1078.4	982.2	882.3	782.4	689.9	623.3	551.2	477.2	394.0	312.6	244.2
-37.5°	969.2	891.5	812.0	726.9	647.4	580.8	519.8	449.5	373.6	297.8	234.9
-40°	874.9	812.0	741.7	673.3	606.7	543.8	488.3	421.7	353.3	286.7	225.7
-42.5°	788.0	739.9	682.5	625.2	566.0	510.5	456.9	392.1	332.9	273.8	216.4
-45°	721.4	673.3	627.0	575.2	525.3	477.2	423.6	366.2	314.4	259.0	207.2
-47.5°	658.5	615.9	573.4	530.9	490.2	445.8	392.1	344.0	294.1	246.0	199.8
-50°	603.0	562.3	525.3	488.3	453.2	410.6	360.7	321.8	277.5	233.1	190.5
-52.5°	551.2	516.1	479.1	449.5	419.9	377.3	336.6	299.6	260.8	218.3	181.3
-55°	505.0	471.7	438.4	410.6	382.9	345.9	312.6	281.2	244.2	207.2	172.0
-57.5°	460.6	432.8	401.4	375.5	347.7	318.1	290.4	260.8	227.5	196.1	162.8
-60°	419.9	394.0	366.2	340.3	316.3	292.2	266.4	242.3	212.7	183.1	153.5
-62.5°	379.2	357.0	332.9	307.0	288.5	266.4	246.0	222.0	197.9	172.0	136.9
-65°	342.2	321.8	299.6	277.5	260.8	244.2	225.7	203.5	183.1	159.1	122.1
-67.5°	305.2	286.7	268.2	249.7	234.9	222.0	203.5	186.8	170.2	144.3	107.3
-70°	270.1	255.3	238.6	223.8	212.7	197.9	185.0	170.2	155.4	125.8	90.6
-72.5°	236.8	222.0	209.0	197.9	188.7	175.7	164.6	153.5	133.2	105.4	75.8
-75°	197.9	188.7	181.3	172.0	162.8	153.5	144.3	131.3	111.0	85.1	59.2
-77.5°	162.8	157.2	151.7	144.3	136.9	129.5	118.4	105.4	88.8	66.6	48.1
-80°	133.2	127.6	123.9	116.5	111.0	103.6	92.5	81.4	64.7	51.8	38.8
-82.5°	101.7	98.0	94.3	90.6	85.1	77.7	66.6	57.3	48.1	38.8	29.6
-85°	72.1	70.3	66.6	62.9	57.3	51.8	44.4	38.8	33.3	25.9	20.3
-87.5°	37.0	35.1	33.3	31.4	29.6	25.9	22.2	18.5	16.6	12.9	9.2
-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: P722229  
 CATALOG NUMBER: IFLD-S-SA3E-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.4	5.5	1.8	0.0
85°	14.8	9.2	3.7	0.0
82.5°	22.2	14.8	5.5	0.0
80°	29.6	18.5	9.2	0.0
77.5°	37.0	22.2	11.1	0.0
75°	44.4	27.7	12.9	0.0
72.5°	49.9	31.4	14.8	0.0
70°	59.2	37.0	16.6	0.0
67.5°	74.0	40.7	18.5	0.0
65°	86.9	44.4	20.3	0.0
62.5°	101.7	48.1	22.2	0.0
60°	114.7	51.8	24.0	0.0
57.5°	127.6	61.0	25.9	0.0
55°	138.7	68.4	27.7	0.0
52.5°	151.7	75.8	29.6	0.0
50°	162.8	83.2	31.4	0.0
47.5°	172.0	90.6	31.4	0.0
45°	179.4	96.2	33.3	0.0
42.5°	185.0	101.7	35.1	0.0
40°	190.5	107.3	37.0	0.0
37.5°	196.1	112.8	37.0	0.0
35°	201.6	118.4	38.8	0.0
32.5°	207.2	123.9	38.8	0.0
30°	210.9	127.6	40.7	0.0
27.5°	216.4	131.3	40.7	0.0
25°	218.3	135.0	42.5	0.0
22.5°	222.0	136.9	42.5	0.0
20°	225.7	140.6	42.5	0.0
17.5°	227.5	142.4	44.4	0.0
15°	227.5	144.3	46.2	0.0
12.5°	229.4	146.1	46.2	0.0
10°	229.4	149.8	44.4	0.0
7.5°	233.1	148.0	44.4	0.0
5°	231.2	148.0	44.4	0.0
2.5°	229.4	146.1	44.4	0.0
0°	227.5	146.1	44.4	0.0
-2.5°	227.5	146.1	44.4	0.0
-5°	227.5	146.1	44.4	0.0
-7.5°	225.7	148.0	44.4	0.0
-10°	222.0	148.0	44.4	0.0
-12.5°	220.1	142.4	44.4	0.0
-15°	218.3	140.6	44.4	0.0
-17.5°	214.6	138.7	42.5	0.0
-20°	210.9	136.9	42.5	0.0



REPORT NUMBER: P722229  
 CATALOG NUMBER: IFLD-S-SA3E-927-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	207.2	133.2	42.5	0.0
-25°	203.5	129.5	40.7	0.0
-27.5°	199.8	125.8	40.7	0.0
-30°	194.2	122.1	38.8	0.0
-32.5°	188.7	118.4	38.8	0.0
-35°	185.0	112.8	37.0	0.0
-37.5°	179.4	107.3	37.0	0.0
-40°	173.9	101.7	35.1	0.0
-42.5°	168.3	96.2	33.3	0.0
-45°	160.9	90.6	33.3	0.0
-47.5°	155.4	85.1	31.4	0.0
-50°	146.1	77.7	29.6	0.0
-52.5°	135.0	70.3	27.7	0.0
-55°	123.9	64.7	25.9	0.0
-57.5°	112.8	57.3	25.9	0.0
-60°	101.7	49.9	24.0	0.0
-62.5°	90.6	46.2	22.2	0.0
-65°	79.5	42.5	20.3	0.0
-67.5°	66.6	37.0	18.5	0.0
-70°	55.5	33.3	16.6	0.0
-72.5°	48.1	29.6	14.8	0.0
-75°	40.7	25.9	12.9	0.0
-77.5°	35.1	22.2	11.1	0.0
-80°	27.7	16.6	7.4	0.0
-82.5°	20.3	12.9	5.5	0.0
-85°	12.9	9.2	3.7	0.0
-87.5°	7.4	3.7	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)