

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: P722287

Luminaire Tested: **IFLD-S-SA3E-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722287
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

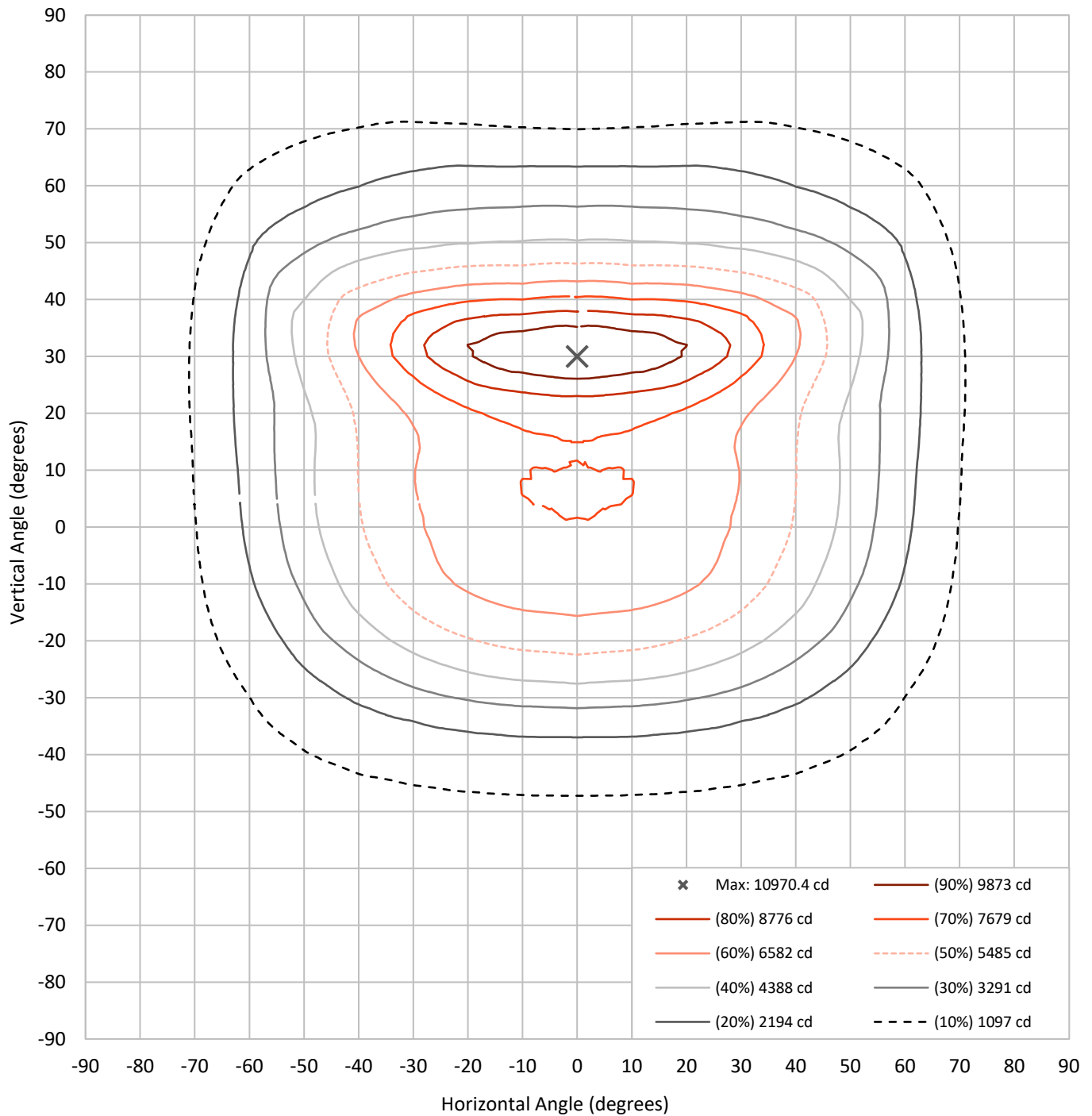
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18312.4 lumens	Max Intensity:	10970.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10648.9 lumens	Field Lumens:	17161.1 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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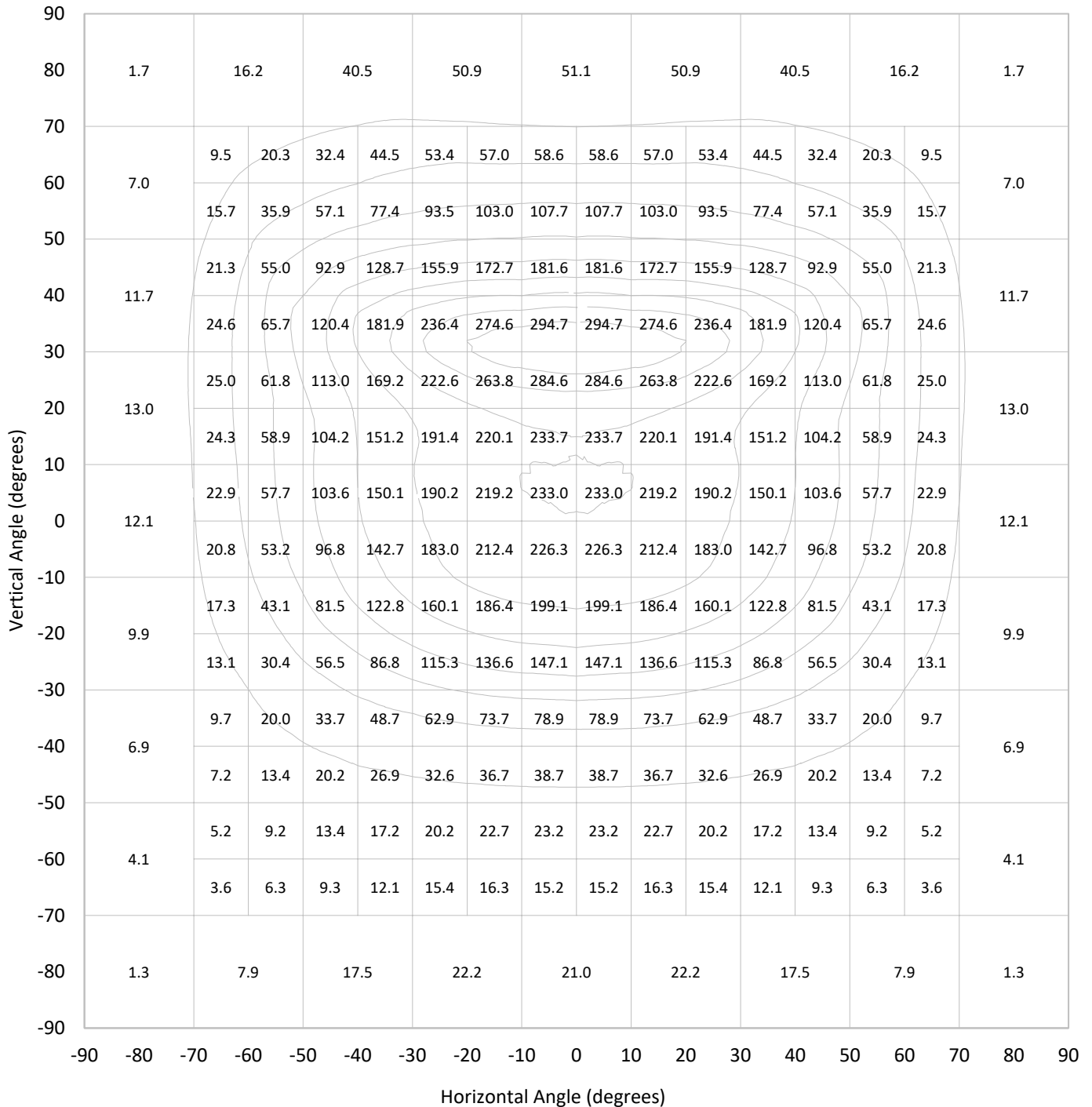
Iso-Candela Plot





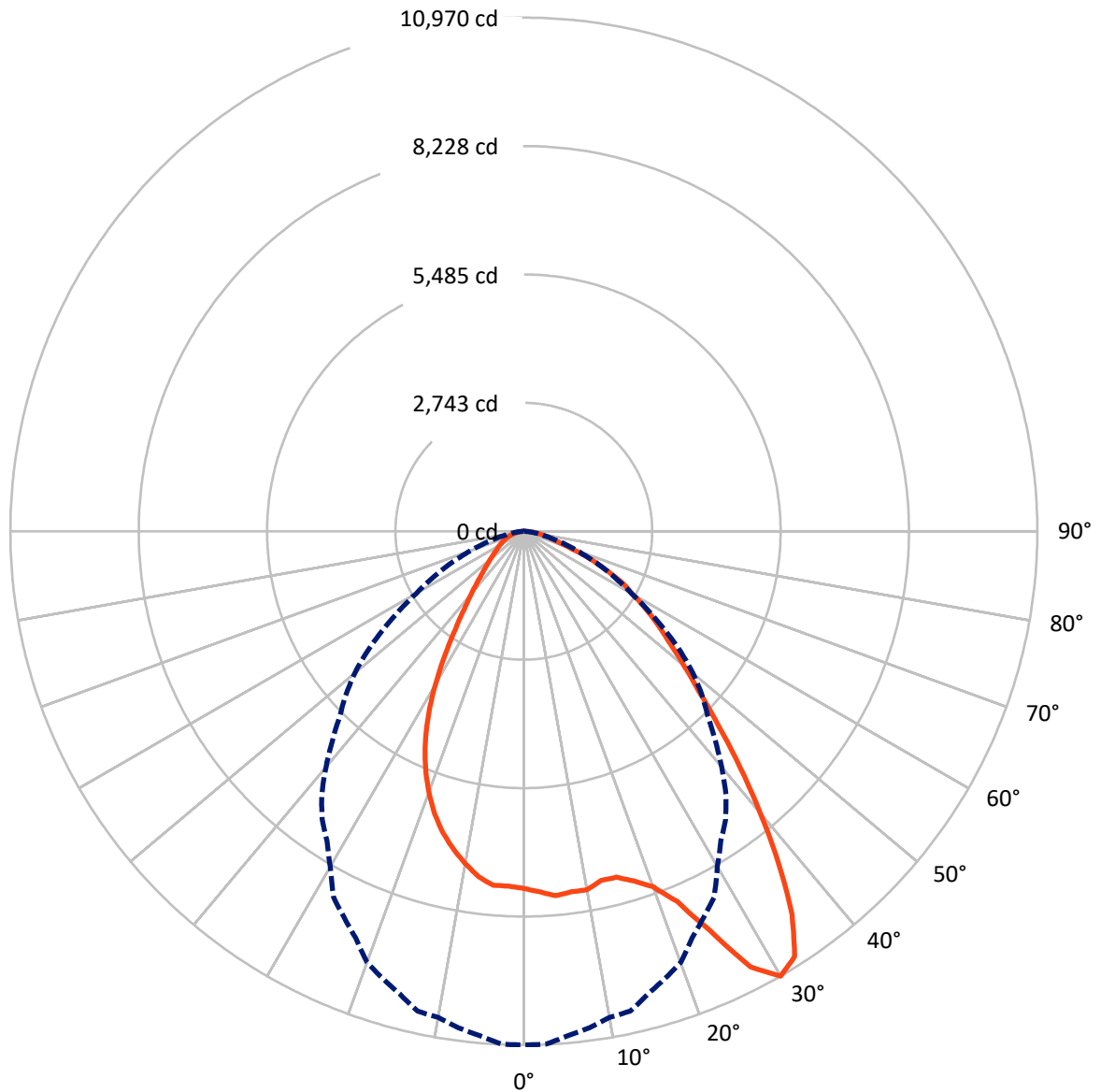
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Lumen Table



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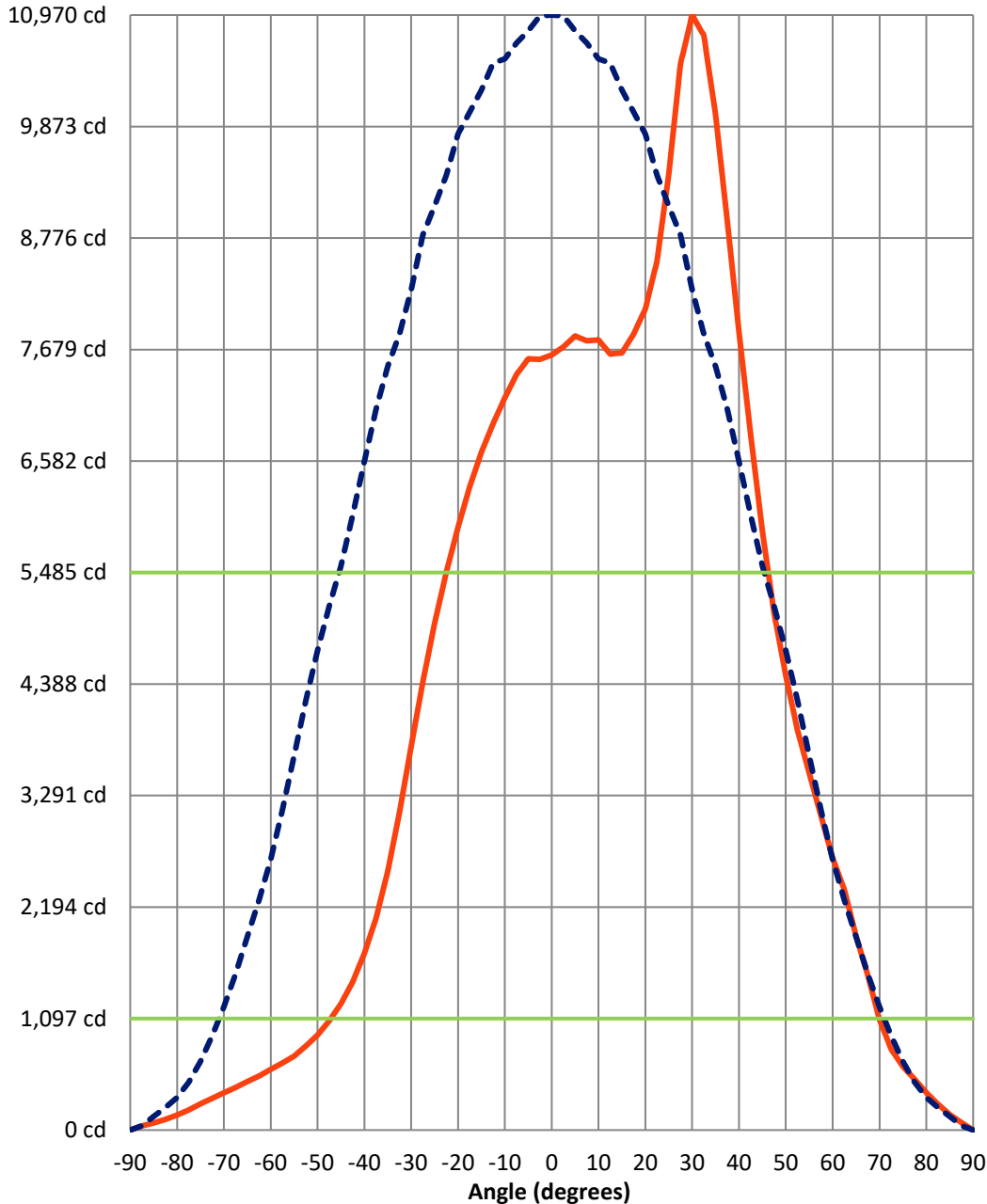
Luminous Intensity Polar Plot



— 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: 10648.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 17161.1
 Efficiency: 93.7%

Spill:
 Lumens: 1151.3
 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°	73.7	75.7	77.6	77.6	75.7	75.7	75.7	73.7	75.7	75.7	75.7
85°	153.3	157.1	161.0	159.1	157.1	153.3	149.4	151.3	153.3	155.2	155.2
82.5°	254.1	260.0	263.8	261.9	258.0	254.1	250.3	252.2	256.1	258.0	258.0
80°	368.6	370.5	372.5	376.4	370.5	370.5	368.6	376.4	380.2	384.1	388.0
77.5°	500.5	502.4	502.4	504.4	506.3	508.3	508.3	521.8	531.5	537.4	543.2
75°	624.7	630.5	636.3	642.1	649.9	653.8	659.6	679.0	694.5	706.1	717.8
72.5°	795.4	803.1	812.8	826.4	840.0	849.7	863.3	886.6	904.0	915.7	929.2
70°	1088.3	1096.1	1105.8	1115.5	1129.1	1138.8	1152.3	1181.4	1198.9	1206.6	1214.4
67.5°	1522.9	1542.3	1559.7	1540.3	1530.6	1517.0	1520.9	1548.1	1565.5	1577.2	1575.2
65°	1908.9	1922.5	1922.5	1920.6	1912.8	1895.3	1905.0	1938.0	1957.4	1967.1	1938.0
62.5°	2362.9	2362.9	2353.2	2368.7	2370.6	2359.0	2353.2	2355.1	2357.0	2362.9	2314.4
60°	2677.1	2696.5	2702.4	2715.9	2719.8	2719.8	2729.5	2737.3	2737.3	2725.6	2669.4
57.5°	3092.3	3129.1	3136.9	3127.2	3107.8	3082.6	3078.7	3067.1	3043.8	3020.5	2993.3
55°	3511.3	3530.7	3528.8	3523.0	3503.6	3474.5	3478.3	3462.8	3426.0	3396.9	3360.0
52.5°	3932.3	3978.8	3986.6	3975.0	3947.8	3916.8	3918.7	3901.2	3864.4	3833.3	3782.9
50°	4469.6	4508.4	4504.6	4485.2	4446.4	4423.1	4425.0	4392.0	4349.4	4339.7	4273.7
47.5°	5084.6	5129.2	5121.5	5094.3	5041.9	5032.2	5041.9	4999.3	4974.0	4952.7	4875.1
45°	5891.6	5944.0	5914.9	5862.5	5779.1	5788.8	5802.4	5794.6	5740.3	5684.1	5585.1
42.5°	6838.3	6871.3	6836.4	6784.0	6679.3	6698.6	6690.9	6644.3	6611.4	6518.2	6392.1
40°	7851.0	7922.8	7868.4	7787.0	7678.3	7707.4	7686.1	7625.9	7548.3	7432.0	7272.9
37.5°	8943.2	8999.4	8937.4	8842.3	8745.3	8735.6	8692.9	8599.8	8489.2	8361.2	8107.1
35°	9988.8	10134.3	10019.8	9868.5	9750.2	9705.6	9664.8	9449.5	9323.4	9115.8	8768.6
32.5°	10766.7	10873.4	10731.8	10574.7	10431.1	10369.0	10225.5	9969.4	9901.5	9465.0	9146.9
30°	10970.4	10962.7	10815.2	10694.9	10539.8	10497.1	10233.2	10016.0	9798.7	9395.2	9092.5
27.5°	10485.4	10436.9	10295.3	10190.6	10037.3	9986.9	9726.9	9610.5	9274.9	8933.5	8677.4
25°	9404.9	9430.1	9323.4	9271.0	9170.1	9061.5	8958.7	8801.6	8592.0	8293.3	8058.6
22.5°	8553.2	8586.2	8541.6	8479.5	8401.9	8341.8	8264.2	8142.0	7940.2	7755.9	7534.8
20°	8079.9	8070.2	8031.4	7984.8	7911.1	7868.4	7783.1	7680.3	7525.1	7366.0	7127.4
17.5°	7831.6	7771.4	7734.6	7717.1	7678.3	7624.0	7523.1	7418.4	7298.1	7117.7	6943.1
15°	7647.3	7657.0	7627.9	7614.3	7583.3	7507.6	7404.8	7319.4	7156.5	7065.3	6906.2
12.5°	7635.6	7625.9	7627.9	7622.1	7583.3	7486.3	7433.9	7325.3	7220.5	7100.2	6917.9
10°	7773.4	7670.6	7678.3	7705.5	7643.4	7565.8	7509.5	7391.2	7292.3	7139.0	6958.6
7.5°	7765.6	7713.2	7728.8	7684.1	7703.5	7608.5	7530.9	7412.6	7288.4	7125.4	6962.5
5°	7812.2	7732.6	7719.1	7722.9	7674.4	7602.7	7497.9	7385.4	7269.0	7086.6	6919.8
2.5°	7705.5	7717.1	7655.0	7631.8	7625.9	7505.7	7408.7	7300.0	7179.8	7018.7	6869.4
0°	7625.9	7647.3	7583.3	7550.3	7548.3	7445.5	7383.5	7259.3	7173.9	7040.1	6859.7
-2.5°	7583.3	7608.5	7616.2	7556.1	7497.9	7418.4	7313.6	7179.8	7040.1	6884.9	6729.7
-5°	7587.1	7536.7	7515.4	7534.8	7484.3	7404.8	7288.4	7170.1	7032.3	6865.5	6671.5
-7.5°	7433.9	7383.5	7379.6	7369.9	7358.2	7282.6	7185.6	7057.5	6917.9	6762.7	6582.3
-10°	7205.0	7168.1	7158.4	7148.7	7117.7	7073.1	6981.9	6865.5	6739.4	6584.2	6392.1
-12.5°	6950.8	6933.4	6896.5	6871.3	6840.3	6787.9	6700.6	6593.9	6467.8	6330.1	6165.2
-15°	6669.6	6636.6	6599.7	6578.4	6533.8	6471.7	6384.4	6285.4	6147.7	6011.9	5856.7
-17.5°	6330.1	6289.3	6248.6	6242.8	6211.7	6116.7	6035.2	5914.9	5794.6	5664.7	5513.3
-20°	5930.4	5874.2	5847.0	5831.5	5788.8	5719.0	5631.7	5521.1	5404.7	5280.5	5106.0



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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°	5488.1	5439.6	5393.1	5364.0	5327.1	5272.8	5189.4	5092.4	4977.9	4838.2	4677.2
-25°	4985.7	4917.8	4888.7	4855.7	4836.3	4785.9	4704.4	4615.1	4496.8	4361.0	4207.8
-27.5°	4411.4	4357.1	4341.6	4295.1	4271.8	4219.4	4151.5	4068.1	3959.4	3831.4	3705.3
-30°	3777.1	3744.1	3718.9	3672.3	3654.9	3598.6	3554.0	3484.2	3385.2	3294.0	3193.2
-32.5°	3125.3	3092.3	3084.5	3063.2	3051.5	3014.7	2964.2	2913.8	2834.3	2766.4	2684.9
-35°	2547.2	2523.9	2525.8	2523.9	2512.2	2485.1	2423.0	2409.4	2351.2	2289.1	2236.8
-37.5°	2085.4	2087.4	2085.4	2083.5	2068.0	2056.3	2011.7	1994.3	1959.4	1899.2	1868.2
-40°	1738.2	1742.1	1740.1	1736.3	1718.8	1713.0	1683.9	1660.6	1647.0	1604.3	1571.4
-42.5°	1456.9	1462.7	1460.8	1458.8	1447.2	1445.3	1429.7	1402.6	1394.8	1369.6	1334.7
-45°	1243.5	1241.6	1237.7	1241.6	1235.7	1229.9	1220.2	1202.8	1193.1	1181.4	1152.3
-47.5°	1074.7	1076.7	1072.8	1072.8	1065.0	1059.2	1055.3	1043.7	1035.9	1026.2	1008.8
-50°	935.1	942.8	940.9	938.9	933.1	929.2	929.2	917.6	906.0	902.1	890.4
-52.5°	826.4	832.2	834.2	838.1	840.0	841.9	836.1	824.5	805.1	803.1	797.3
-55°	727.5	744.9	756.6	764.3	772.1	777.9	766.3	750.8	731.4	723.6	721.7
-57.5°	659.6	677.0	690.6	702.3	712.0	721.7	710.0	694.5	677.0	667.3	665.4
-60°	597.5	613.0	626.6	642.1	655.7	671.2	665.4	653.8	644.1	636.3	628.5
-62.5°	531.5	547.1	562.6	582.0	599.4	615.0	616.9	615.0	613.0	615.0	601.4
-65°	477.2	485.0	494.7	516.0	535.4	552.9	562.6	568.4	578.1	587.8	574.2
-67.5°	419.0	428.7	440.4	455.9	471.4	483.0	496.6	512.1	527.7	543.2	533.5
-70°	366.7	374.4	384.1	391.9	401.6	409.3	421.0	438.4	455.9	471.4	467.5
-72.5°	312.3	320.1	325.9	329.8	335.6	339.5	345.3	360.8	372.5	380.2	380.2
-75°	258.0	265.8	271.6	273.5	277.4	279.4	283.2	289.1	294.9	296.8	298.8
-77.5°	197.9	205.6	211.5	215.3	219.2	223.1	225.0	228.9	230.9	230.9	232.8
-80°	147.4	153.3	157.1	163.0	164.9	168.8	172.7	174.6	176.5	176.5	178.5
-82.5°	104.8	108.6	112.5	116.4	120.3	122.2	126.1	128.0	130.0	131.9	133.9
-85°	69.8	73.7	77.6	81.5	83.4	85.4	87.3	89.2	91.2	93.1	95.1
-87.5°	40.7	42.7	44.6	48.5	50.4	54.3	56.3	54.3	56.3	56.3	56.3
-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°	75.7	75.7	75.7	75.7	73.7	69.8	67.9	64.0	60.1	56.3	52.4
85°	157.1	159.1	159.1	159.1	155.2	153.3	147.4	141.6	133.9	122.2	112.5
82.5°	261.9	263.8	263.8	261.9	258.0	252.2	244.4	234.7	219.2	203.7	190.1
80°	393.8	395.7	395.7	393.8	384.1	374.4	364.7	353.1	333.7	312.3	289.1
77.5°	550.9	554.8	554.8	549.0	535.4	523.8	508.3	488.9	459.8	428.7	397.7
75°	733.3	743.0	744.9	739.1	721.7	700.3	675.1	642.1	597.5	558.7	521.8
72.5°	944.8	954.5	962.2	954.5	929.2	900.1	863.3	824.5	779.9	727.5	665.4
70°	1222.2	1231.9	1237.7	1212.5	1167.9	1119.4	1074.7	1030.1	977.7	913.7	845.8
67.5°	1571.4	1561.7	1550.0	1499.6	1443.3	1385.1	1323.0	1257.1	1189.2	1121.3	1041.8
65°	1907.0	1879.8	1854.6	1794.5	1722.7	1647.0	1575.2	1501.5	1420.0	1334.7	1259.0
62.5°	2260.0	2201.8	2139.8	2066.0	1992.3	1908.9	1837.1	1749.8	1658.7	1553.9	1456.9
60°	2607.3	2537.5	2475.4	2384.2	2287.2	2174.7	2097.1	2011.7	1905.0	1792.5	1678.1
57.5°	2942.9	2867.2	2799.3	2719.8	2615.1	2492.8	2407.5	2296.9	2184.4	2042.8	1926.4
55°	3299.9	3224.2	3169.9	3080.6	2966.2	2853.7	2760.5	2644.2	2487.0	2335.7	2192.1
52.5°	3709.2	3649.0	3590.8	3499.7	3361.9	3247.5	3144.7	3014.7	2849.8	2663.6	2490.9
50°	4167.0	4136.0	4073.9	3967.2	3810.1	3709.2	3573.4	3400.7	3224.2	3028.3	2812.9
47.5°	4774.2	4723.8	4636.5	4520.1	4388.2	4236.9	4054.5	3852.7	3602.5	3385.2	3156.3
45°	5499.8	5406.6	5294.1	5137.0	4974.0	4803.3	4603.5	4347.4	4011.8	3728.6	3488.0
42.5°	6285.4	6159.3	6006.1	5800.5	5589.0	5379.5	5164.1	4815.0	4395.9	4070.0	3798.4
40°	7106.0	6945.0	6753.0	6454.2	6219.5	5949.8	5703.5	5181.6	4735.4	4382.3	4093.3
37.5°	7909.2	7705.5	7383.5	7020.7	6747.1	6526.0	5984.7	5426.0	5026.4	4638.4	4345.5
35°	8524.1	8351.5	7783.1	7406.7	7172.0	6822.8	6145.8	5573.5	5150.6	4828.5	4372.6
32.5°	8888.9	8442.7	7944.1	7563.9	7369.9	6797.6	6157.4	5616.2	5208.8	4847.9	4302.8
30°	8807.4	8268.1	7831.6	7513.4	7092.5	6578.4	6048.8	5550.2	5154.4	4718.0	4225.2
27.5°	8316.6	7899.5	7509.5	7177.8	6764.6	6302.9	5814.0	5375.6	5007.0	4584.1	4118.5
25°	7761.7	7383.5	7094.4	6805.3	6413.5	5973.1	5542.4	5226.2	4855.7	4438.6	3978.8
22.5°	7251.5	6979.9	6753.0	6450.3	6068.2	5684.1	5416.3	5088.5	4708.3	4285.4	3835.3
20°	6925.6	6741.3	6481.4	6147.7	5847.0	5606.5	5309.6	4962.4	4570.5	4128.2	3713.1
17.5°	6768.5	6555.1	6266.0	6048.8	5817.9	5554.1	5222.3	4853.8	4436.7	4056.4	3726.6
15°	6687.0	6462.0	6271.9	6058.5	5798.5	5521.1	5152.5	4770.3	4436.7	4085.5	3736.3
12.5°	6704.5	6510.5	6302.9	6070.1	5790.8	5493.9	5160.3	4805.3	4459.9	4106.9	3738.3
10°	6758.8	6555.1	6333.9	6075.9	5794.6	5501.7	5181.6	4826.6	4471.6	4116.6	3734.4
7.5°	6778.2	6557.0	6320.4	6060.4	5784.9	5497.8	5185.5	4832.4	4473.5	4114.6	3722.8
5°	6718.0	6518.2	6289.3	6027.4	5757.8	5478.4	5170.0	4824.7	4458.0	4095.2	3693.7
2.5°	6636.6	6475.6	6256.3	6004.1	5730.6	5451.3	5144.7	4789.7	4423.1	4060.3	3656.8
0°	6623.0	6423.2	6202.0	5977.0	5686.0	5391.1	5086.6	4723.8	4359.1	3994.4	3592.8
-2.5°	6533.8	6322.3	6101.1	5856.7	5600.6	5303.8	4983.7	4628.7	4267.9	3909.0	3523.0
-5°	6465.9	6231.1	5996.4	5732.6	5474.5	5177.7	4846.0	4500.7	4147.6	3798.4	3426.0
-7.5°	6374.7	6134.1	5887.8	5612.3	5332.9	5030.3	4702.4	4357.1	4009.9	3662.6	3305.7
-10°	6190.4	5978.9	5748.1	5462.9	5168.0	4865.4	4539.5	4200.0	3852.7	3501.6	3142.7
-12.5°	5967.3	5744.2	5492.0	5230.1	4966.3	4685.0	4359.1	4025.4	3676.2	3323.1	2966.2
-15°	5678.2	5459.0	5201.0	4944.9	4690.8	4421.1	4134.0	3833.3	3478.3	3131.1	2774.1
-17.5°	5317.4	5111.8	4880.9	4636.5	4384.3	4112.7	3833.3	3579.2	3247.5	2921.6	2568.5
-20°	4929.4	4737.4	4529.8	4298.9	4046.7	3781.0	3517.1	3251.4	2964.2	2677.1	2349.3



REPORT NUMBER: P722287
 CATALOG NUMBER: IFLD-S-SA3E-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4525.9	4331.9	4122.4	3907.1	3674.3	3427.9	3183.5	2929.3	2677.1	2417.2	2139.8
-25°	4060.3	3889.6	3697.5	3488.0	3280.5	3065.1	2832.3	2601.5	2386.1	2161.1	1934.1
-27.5°	3573.4	3416.3	3241.7	3059.3	2880.8	2700.4	2498.7	2285.3	2106.8	1920.6	1732.4
-30°	3061.2	2935.1	2793.5	2634.5	2496.7	2351.2	2182.4	2005.9	1843.0	1701.3	1550.0
-32.5°	2576.3	2469.6	2368.7	2263.9	2128.1	2015.6	1899.2	1769.2	1625.7	1491.8	1383.2
-35°	2159.2	2044.7	2002.0	1924.4	1827.4	1728.5	1643.1	1550.0	1441.4	1323.0	1233.8
-37.5°	1808.0	1740.1	1680.0	1637.3	1573.3	1493.8	1425.9	1358.0	1274.5	1185.3	1096.1
-40°	1534.5	1487.9	1422.0	1400.6	1359.9	1305.6	1235.7	1183.4	1127.1	1059.2	983.6
-42.5°	1315.3	1280.4	1237.7	1200.8	1183.4	1144.6	1090.3	1039.8	995.2	948.6	890.4
-45°	1134.9	1111.6	1084.4	1051.5	1037.9	1006.8	968.0	911.8	886.6	847.8	805.1
-47.5°	989.4	977.7	958.3	937.0	917.6	894.3	859.4	824.5	789.6	764.3	731.4
-50°	874.9	867.2	855.5	838.1	812.8	797.3	774.0	743.0	710.0	688.7	665.4
-52.5°	783.7	776.0	768.2	754.6	735.2	719.7	700.3	675.1	647.9	626.6	607.2
-55°	713.9	702.3	696.4	684.8	669.3	651.8	634.4	616.9	593.6	574.2	554.8
-57.5°	659.6	644.1	636.3	626.6	611.1	593.6	580.0	562.6	547.1	525.7	508.3
-60°	616.9	599.4	583.9	574.2	560.6	543.2	529.6	516.0	500.5	483.0	461.7
-62.5°	582.0	560.6	539.3	527.7	514.1	498.6	485.0	471.4	455.9	438.4	419.0
-65°	549.0	523.8	496.6	485.0	471.4	455.9	438.4	428.7	415.1	399.6	380.2
-67.5°	508.3	481.1	457.8	444.2	430.7	417.1	401.6	391.9	378.3	358.9	339.5
-70°	448.1	430.7	415.1	403.5	391.9	380.2	364.7	349.2	333.7	316.2	298.8
-72.5°	372.5	366.7	364.7	358.9	345.3	331.7	316.2	300.7	287.1	273.5	260.0
-75°	300.7	304.6	308.5	306.5	292.9	279.4	265.8	252.2	242.5	230.9	219.2
-77.5°	238.6	242.5	246.4	246.4	236.7	228.9	219.2	209.5	201.8	192.1	180.4
-80°	184.3	190.1	195.9	199.8	192.1	186.2	178.5	170.7	163.0	155.2	147.4
-82.5°	139.7	145.5	151.3	155.2	149.4	145.5	139.7	133.9	128.0	120.3	114.5
-85°	100.9	104.8	108.6	110.6	106.7	102.8	98.9	95.1	91.2	85.4	81.5
-87.5°	58.2	60.1	62.1	64.0	60.1	56.3	54.3	50.4	48.5	44.6	42.7
-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):

	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°	48.5	44.6	40.7	38.8	34.9	29.1	25.2	21.3	17.5	13.6	11.6
85°	102.8	93.1	81.5	75.7	67.9	60.1	52.4	44.6	36.9	29.1	21.3
82.5°	176.5	164.9	153.3	139.7	122.2	100.9	79.5	66.0	54.3	42.7	33.0
80°	265.8	244.4	225.0	207.6	188.2	161.0	131.9	104.8	73.7	56.3	42.7
77.5°	368.6	343.4	316.2	287.1	256.1	219.2	186.2	151.3	114.5	77.6	54.3
75°	485.0	452.0	415.1	374.4	333.7	285.2	238.6	197.9	155.2	108.6	66.0
72.5°	615.0	574.2	529.6	475.3	411.3	355.0	298.8	244.4	194.0	137.7	89.2
70°	781.8	717.8	651.8	593.6	512.1	422.9	357.0	294.9	230.9	168.8	112.5
67.5°	960.3	882.7	803.1	717.8	615.0	510.2	415.1	345.3	269.7	197.9	133.9
65°	1154.3	1057.3	956.4	861.3	719.7	595.6	488.9	393.8	306.5	225.0	155.2
62.5°	1354.1	1239.6	1123.2	999.1	836.1	682.9	558.7	448.1	341.4	250.3	174.6
60°	1567.5	1433.6	1292.0	1136.8	946.7	777.9	624.7	504.4	378.3	275.5	195.9
57.5°	1792.5	1647.0	1480.2	1270.7	1061.2	869.1	700.3	554.8	411.3	298.8	211.5
55°	2036.9	1870.1	1687.8	1410.3	1173.7	960.3	776.0	605.3	446.2	318.2	227.0
52.5°	2300.8	2106.8	1875.9	1557.8	1292.0	1053.4	845.8	649.9	479.2	339.5	240.6
50°	2595.7	2351.2	2040.8	1693.6	1394.8	1140.7	915.7	698.4	506.3	362.8	252.2
47.5°	2902.2	2638.3	2188.3	1819.7	1499.6	1226.0	987.4	741.1	533.5	382.2	263.8
45°	3222.3	2838.1	2341.5	1932.2	1590.8	1303.6	1041.8	779.9	566.5	399.6	273.5
42.5°	3538.5	2989.5	2475.4	2044.7	1676.1	1373.5	1086.4	816.7	593.6	417.1	283.2
40°	3687.8	3103.9	2582.1	2122.3	1747.9	1435.6	1125.2	849.7	616.9	428.7	292.9
37.5°	3749.9	3173.8	2651.9	2196.0	1804.2	1468.5	1158.2	878.8	636.3	440.4	300.7
35°	3763.5	3199.0	2686.8	2246.5	1850.7	1499.6	1183.4	900.1	651.8	452.0	308.5
32.5°	3738.3	3191.2	2696.5	2263.9	1879.8	1522.9	1200.8	915.7	663.5	463.6	316.2
30°	3682.0	3150.5	2661.6	2262.0	1901.2	1536.4	1212.5	927.3	675.1	471.4	320.1
27.5°	3590.8	3078.7	2617.0	2263.9	1912.8	1542.3	1218.3	933.1	682.9	477.2	327.9
25°	3478.3	2981.7	2618.9	2260.0	1914.7	1544.2	1218.3	933.1	684.8	479.2	333.7
22.5°	3348.4	2981.7	2618.9	2254.2	1903.1	1540.3	1212.5	929.2	684.8	483.0	339.5
20°	3356.1	2983.6	2613.1	2242.6	1885.6	1528.7	1198.9	919.5	679.0	488.9	343.4
17.5°	3361.9	2979.8	2601.5	2227.1	1862.4	1509.3	1181.4	906.0	679.0	494.7	345.3
15°	3361.9	2968.1	2584.0	2203.8	1833.3	1482.1	1156.2	894.3	680.9	496.6	349.2
12.5°	3356.1	2946.8	2556.9	2172.7	1798.3	1449.1	1140.7	890.4	680.9	498.6	349.2
10°	3344.5	2917.7	2521.9	2133.9	1765.4	1437.5	1132.9	882.7	677.0	498.6	349.2
7.5°	3323.1	2882.8	2492.8	2110.7	1746.0	1423.9	1121.3	871.0	671.2	494.7	353.1
5°	3290.2	2863.4	2469.6	2083.5	1718.8	1414.2	1113.5	861.3	667.3	494.7	349.2
2.5°	3247.5	2840.1	2442.4	2048.6	1687.8	1381.2	1088.3	840.0	653.8	486.9	345.3
0°	3177.6	2793.5	2395.8	2000.1	1645.1	1348.3	1063.1	818.7	640.2	479.2	341.4
-2.5°	3113.6	2731.5	2335.7	1949.7	1604.3	1319.2	1043.7	807.0	634.4	477.2	339.5
-5°	3024.4	2646.1	2256.2	1883.7	1550.0	1290.1	1024.3	793.4	628.5	473.3	339.5
-7.5°	2925.4	2556.9	2172.7	1815.8	1495.7	1239.6	987.4	772.1	615.0	465.6	337.6
-10°	2772.2	2423.0	2068.0	1738.2	1437.5	1195.0	956.4	752.7	603.3	457.8	329.8
-12.5°	2609.2	2275.6	1947.7	1643.1	1371.5	1148.5	921.5	731.4	589.7	450.1	325.9
-15°	2436.6	2124.2	1821.6	1544.2	1299.8	1092.2	884.6	708.1	576.2	440.4	320.1
-17.5°	2256.2	1965.2	1691.6	1443.3	1228.0	1034.0	845.8	686.7	560.6	430.7	314.3
-20°	2066.0	1802.2	1559.7	1340.5	1152.3	975.8	805.1	661.5	543.2	419.0	306.5



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CATALOG NUMBER: IFLD-S-SA3E-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1877.9	1641.2	1423.9	1239.6	1074.7	915.7	764.3	636.3	523.8	405.4	300.7
-25°	1711.0	1489.9	1303.6	1142.6	999.1	857.5	721.7	611.1	502.4	391.9	292.9
-27.5°	1548.1	1359.9	1185.3	1051.5	925.4	801.2	680.9	583.9	481.1	376.4	285.2
-30°	1396.8	1235.7	1092.2	962.2	855.5	750.8	646.0	556.8	457.8	360.8	275.5
-32.5°	1259.0	1129.1	1008.8	884.6	789.6	700.3	613.0	529.6	434.5	345.3	265.8
-35°	1131.0	1030.1	925.4	820.6	723.6	653.8	578.1	500.5	413.2	327.9	256.1
-37.5°	1016.5	935.1	851.6	762.4	679.0	609.1	545.1	471.4	391.9	312.3	246.4
-40°	917.6	851.6	777.9	706.1	636.3	570.3	512.1	442.3	370.5	300.7	236.7
-42.5°	826.4	776.0	715.8	655.7	593.6	535.4	479.2	411.3	349.2	287.1	227.0
-45°	756.6	706.1	657.6	603.3	550.9	500.5	444.2	384.1	329.8	271.6	217.3
-47.5°	690.6	646.0	601.4	556.8	514.1	467.5	411.3	360.8	308.5	258.0	209.5
-50°	632.4	589.7	550.9	512.1	475.3	430.7	378.3	337.6	291.0	244.4	199.8
-52.5°	578.1	541.2	502.4	471.4	440.4	395.7	353.1	314.3	273.5	228.9	190.1
-55°	529.6	494.7	459.8	430.7	401.6	362.8	327.9	294.9	256.1	217.3	180.4
-57.5°	483.0	453.9	421.0	393.8	364.7	333.7	304.6	273.5	238.6	205.6	170.7
-60°	440.4	413.2	384.1	357.0	331.7	306.5	279.4	254.1	223.1	192.1	161.0
-62.5°	397.7	374.4	349.2	322.0	302.6	279.4	258.0	232.8	207.6	180.4	143.6
-65°	358.9	337.6	314.3	291.0	273.5	256.1	236.7	213.4	192.1	166.8	128.0
-67.5°	320.1	300.7	281.3	261.9	246.4	232.8	213.4	195.9	178.5	151.3	112.5
-70°	283.2	267.7	250.3	234.7	223.1	207.6	194.0	178.5	163.0	131.9	95.1
-72.5°	248.3	232.8	219.2	207.6	197.9	184.3	172.7	161.0	139.7	110.6	79.5
-75°	207.6	197.9	190.1	180.4	170.7	161.0	151.3	137.7	116.4	89.2	62.1
-77.5°	170.7	164.9	159.1	151.3	143.6	135.8	124.2	110.6	93.1	69.8	50.4
-80°	139.7	133.9	130.0	122.2	116.4	108.6	97.0	85.4	67.9	54.3	40.7
-82.5°	106.7	102.8	98.9	95.1	89.2	81.5	69.8	60.1	50.4	40.7	31.0
-85°	75.7	73.7	69.8	66.0	60.1	54.3	46.6	40.7	34.9	27.2	21.3
-87.5°	38.8	36.9	34.9	33.0	31.0	27.2	23.3	19.4	17.5	13.6	9.7
-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-SA3E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.8	5.8	1.9	0.0
85°	15.5	9.7	3.9	0.0
82.5°	23.3	15.5	5.8	0.0
80°	31.0	19.4	9.7	0.0
77.5°	38.8	23.3	11.6	0.0
75°	46.6	29.1	13.6	0.0
72.5°	52.4	33.0	15.5	0.0
70°	62.1	38.8	17.5	0.0
67.5°	77.6	42.7	19.4	0.0
65°	91.2	46.6	21.3	0.0
62.5°	106.7	50.4	23.3	0.0
60°	120.3	54.3	25.2	0.0
57.5°	133.9	64.0	27.2	0.0
55°	145.5	71.8	29.1	0.0
52.5°	159.1	79.5	31.0	0.0
50°	170.7	87.3	33.0	0.0
47.5°	180.4	95.1	33.0	0.0
45°	188.2	100.9	34.9	0.0
42.5°	194.0	106.7	36.9	0.0
40°	199.8	112.5	38.8	0.0
37.5°	205.6	118.3	38.8	0.0
35°	211.5	124.2	40.7	0.0
32.5°	217.3	130.0	40.7	0.0
30°	221.2	133.9	42.7	0.0
27.5°	227.0	137.7	42.7	0.0
25°	228.9	141.6	44.6	0.0
22.5°	232.8	143.6	44.6	0.0
20°	236.7	147.4	44.6	0.0
17.5°	238.6	149.4	46.6	0.0
15°	238.6	151.3	48.5	0.0
12.5°	240.6	153.3	48.5	0.0
10°	240.6	157.1	46.6	0.0
7.5°	244.4	155.2	46.6	0.0
5°	242.5	155.2	46.6	0.0
2.5°	240.6	153.3	46.6	0.0
0°	238.6	153.3	46.6	0.0
-2.5°	238.6	153.3	46.6	0.0
-5°	238.6	153.3	46.6	0.0
-7.5°	236.7	155.2	46.6	0.0
-10°	232.8	155.2	46.6	0.0
-12.5°	230.9	149.4	46.6	0.0
-15°	228.9	147.4	46.6	0.0
-17.5°	225.0	145.5	44.6	0.0
-20°	221.2	143.6	44.6	0.0



REPORT NUMBER: P722287
CATALOG NUMBER: IFLD-S-SA3E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	217.3	139.7	44.6	0.0
-25°	213.4	135.8	42.7	0.0
-27.5°	209.5	131.9	42.7	0.0
-30°	203.7	128.0	40.7	0.0
-32.5°	197.9	124.2	40.7	0.0
-35°	194.0	118.3	38.8	0.0
-37.5°	188.2	112.5	38.8	0.0
-40°	182.4	106.7	36.9	0.0
-42.5°	176.5	100.9	34.9	0.0
-45°	168.8	95.1	34.9	0.0
-47.5°	163.0	89.2	33.0	0.0
-50°	153.3	81.5	31.0	0.0
-52.5°	141.6	73.7	29.1	0.0
-55°	130.0	67.9	27.2	0.0
-57.5°	118.3	60.1	27.2	0.0
-60°	106.7	52.4	25.2	0.0
-62.5°	95.1	48.5	23.3	0.0
-65°	83.4	44.6	21.3	0.0
-67.5°	69.8	38.8	19.4	0.0
-70°	58.2	34.9	17.5	0.0
-72.5°	50.4	31.0	15.5	0.0
-75°	42.7	27.2	13.6	0.0
-77.5°	36.9	23.3	11.6	0.0
-80°	29.1	17.5	7.8	0.0
-82.5°	21.3	13.6	5.8	0.0
-85°	13.6	9.7	3.9	0.0
-87.5°	7.8	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)