

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: P722289

Luminaire Tested: **IFLD-S-SA6B-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722289
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

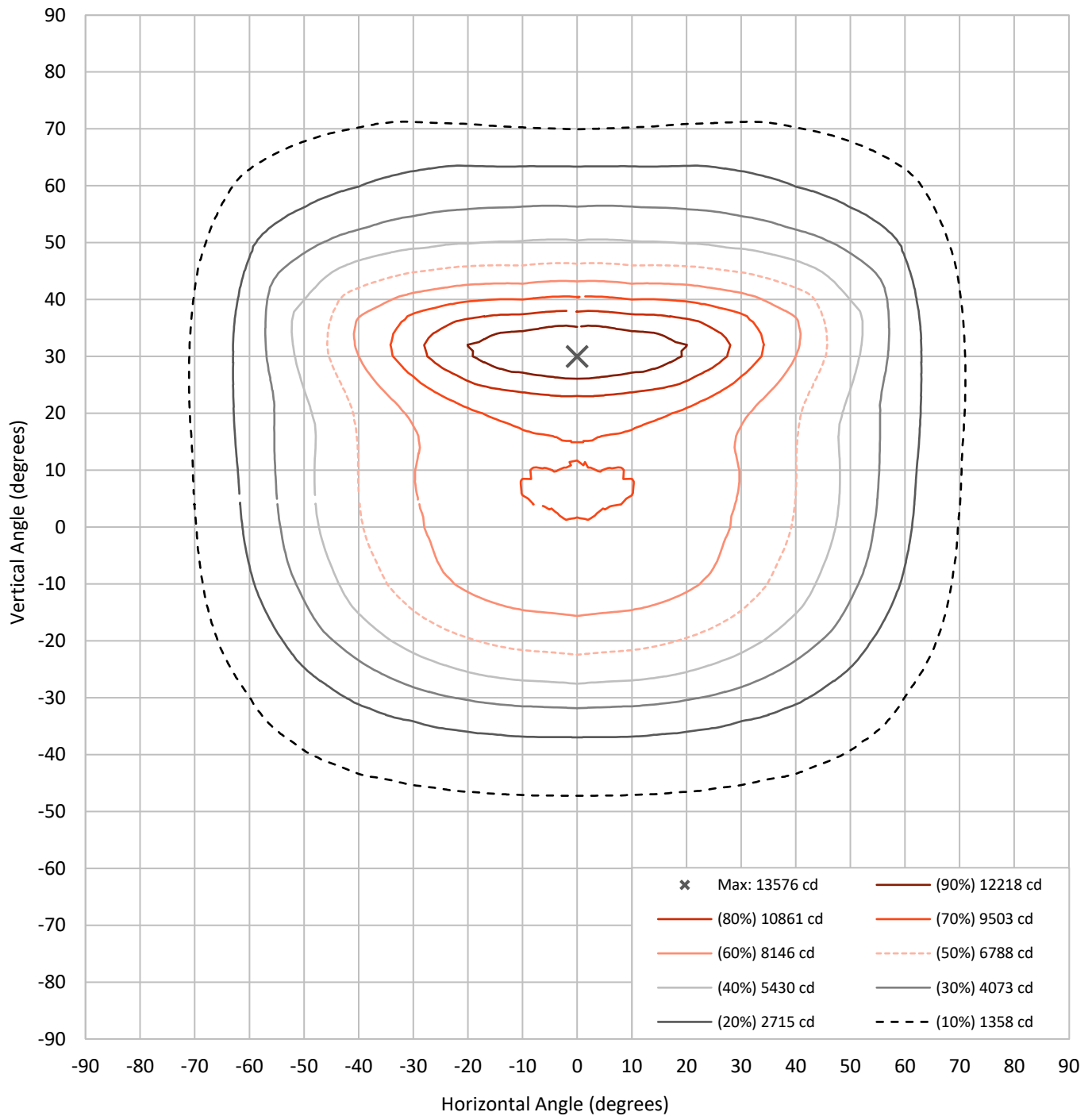
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	22661.7 lumens	Max Intensity:	13576 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	92.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	13178 lumens	Field Lumens:	21236.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	244.9		
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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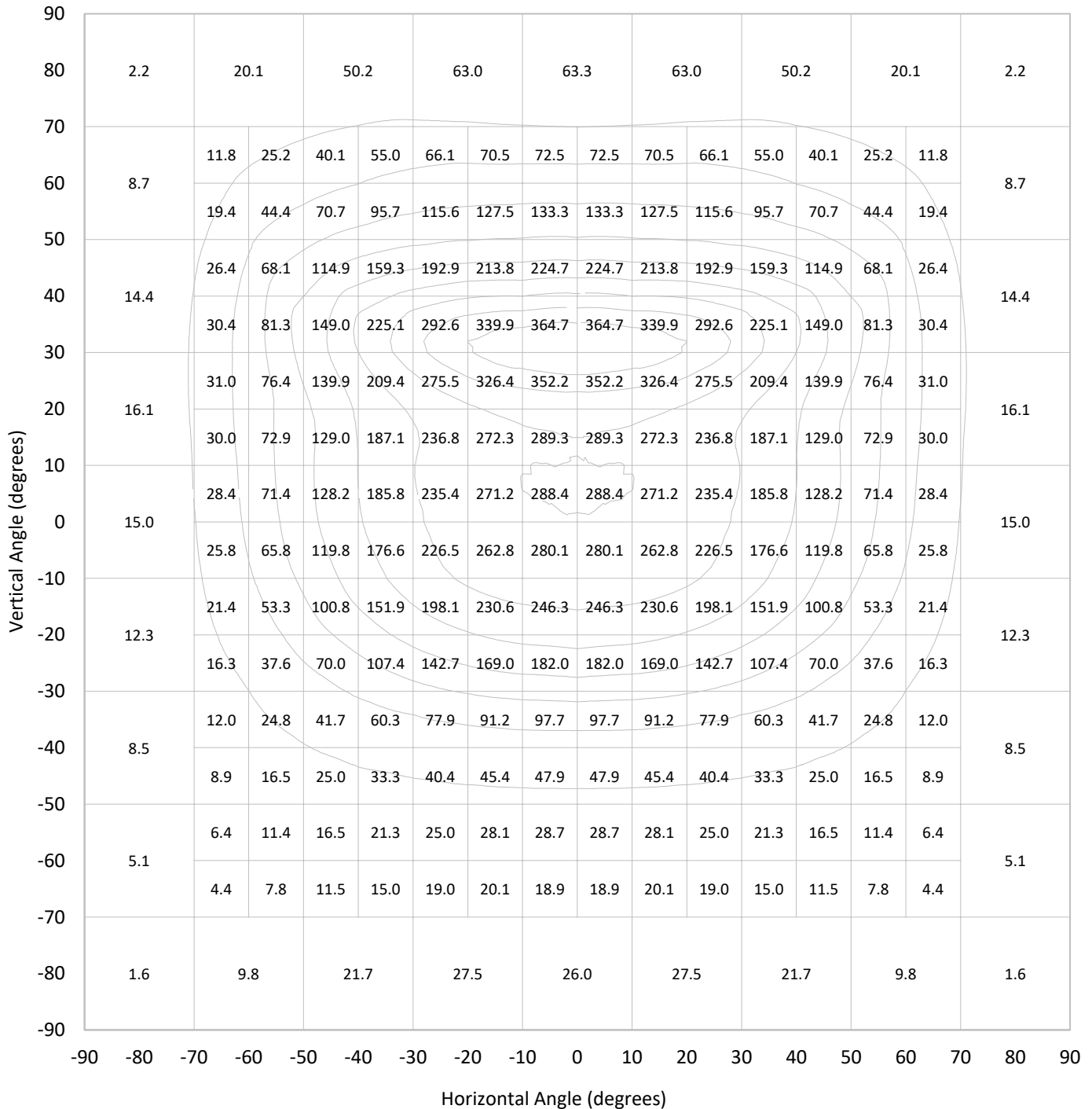
Iso-Candela Plot





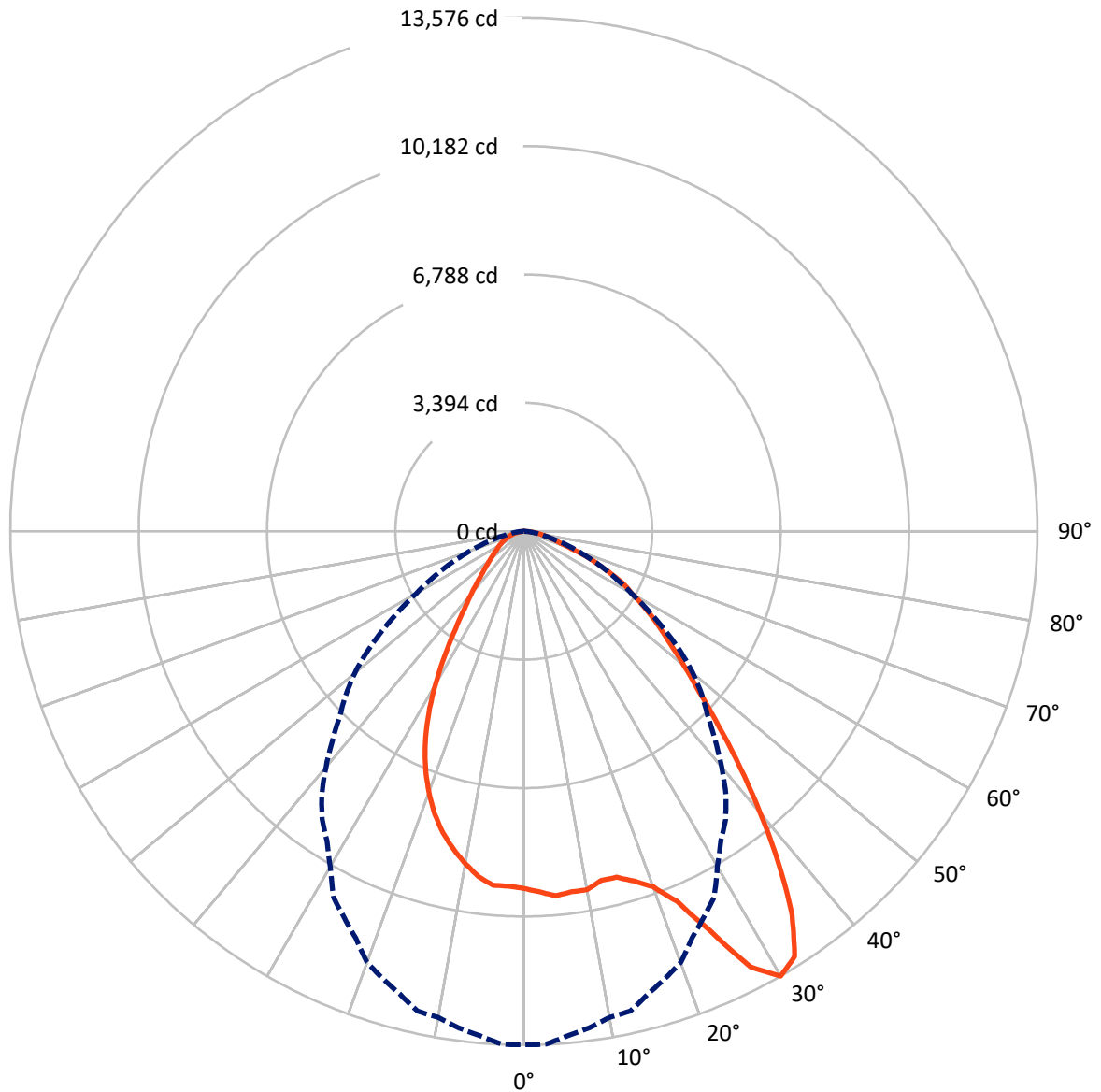
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Lumen Table



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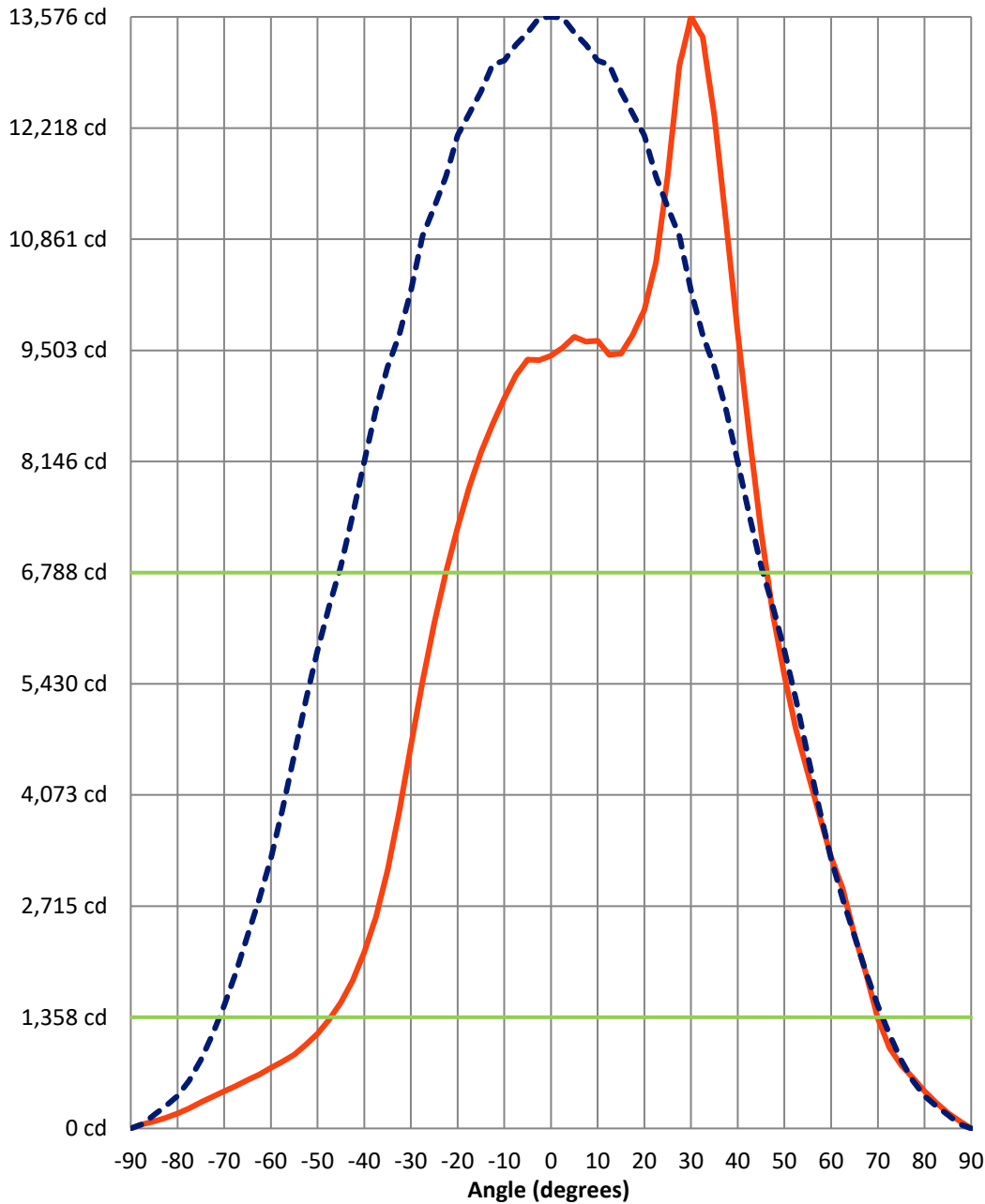
Luminous Intensity Polar Plot



— 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: 13178
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21236.9
 Efficiency: 93.7%

Spill:
 Lumens: 1424.7
 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°	91.2	93.6	96.0	96.0	93.6	93.6	93.6	91.2	93.6	93.6	93.6
85°	189.7	194.5	199.3	196.9	194.5	189.7	184.9	187.3	189.7	192.1	192.1
82.5°	314.5	321.7	326.5	324.1	319.3	314.5	309.7	312.1	316.9	319.3	319.3
80°	456.1	458.5	460.9	465.7	458.5	458.5	456.1	465.7	470.5	475.3	480.1
77.5°	619.4	621.8	621.8	624.2	626.6	629.0	629.0	645.8	657.8	665.0	672.2
75°	773.0	780.2	787.4	794.6	804.2	809.0	816.2	840.2	859.5	873.9	888.3
72.5°	984.3	993.9	1005.9	1022.7	1039.5	1051.5	1068.3	1097.1	1118.7	1133.1	1149.9
70°	1346.8	1356.4	1368.4	1380.4	1397.2	1409.2	1426.0	1462.0	1483.6	1493.2	1502.8
67.5°	1884.5	1908.6	1930.2	1906.2	1894.2	1877.3	1882.1	1915.8	1937.4	1951.8	1949.4
65°	2362.3	2379.1	2379.1	2376.7	2367.1	2345.5	2357.5	2398.3	2422.3	2434.3	2398.3
62.5°	2924.1	2924.1	2912.0	2931.3	2933.7	2919.3	2912.0	2914.5	2916.9	2924.1	2864.0
60°	3313.0	3337.0	3344.2	3361.0	3365.8	3365.8	3377.8	3387.4	3387.4	3373.0	3303.4
57.5°	3826.7	3872.3	3881.9	3869.9	3845.9	3814.7	3809.9	3795.5	3766.7	3737.9	3704.3
55°	4345.3	4369.3	4366.9	4359.7	4335.7	4299.7	4304.5	4285.3	4239.6	4203.6	4158.0
52.5°	4866.2	4923.8	4933.4	4919.0	4885.4	4847.0	4849.4	4827.8	4782.2	4743.8	4681.4
50°	5531.2	5579.2	5574.4	5550.4	5502.4	5473.6	5476.0	5435.2	5382.4	5370.4	5288.7
47.5°	6292.2	6347.5	6337.8	6304.2	6239.4	6227.4	6239.4	6186.6	6155.4	6129.0	6033.0
45°	7290.9	7355.7	7319.7	7254.9	7151.7	7163.7	7180.5	7170.9	7103.7	7034.1	6911.6
42.5°	8462.5	8503.3	8460.1	8395.2	8265.6	8289.6	8280.0	8222.4	8181.6	8066.4	7910.3
40°	9715.6	9804.5	9737.2	9636.4	9502.0	9538.0	9511.6	9437.2	9341.1	9197.1	9000.2
37.5°	11067.2	11136.8	11060.0	10942.4	10822.4	10810.4	10757.5	10642.3	10505.5	10347.0	10032.5
35°	12361.2	12541.3	12399.6	12212.4	12065.9	12010.7	11960.3	11693.8	11537.8	11280.9	10851.2
32.5°	13323.9	13455.9	13280.7	13086.2	12908.6	12831.7	12654.1	12337.2	12253.2	11713.0	11319.3
30°	13576.0	13566.4	13383.9	13235.1	13043.0	12990.2	12663.7	12394.8	12125.9	11626.6	11252.1
27.5°	12975.8	12915.8	12740.5	12610.9	12421.2	12358.8	12037.1	11893.1	11477.7	11055.2	10738.3
25°	11638.6	11669.8	11537.8	11472.9	11348.1	11213.7	11086.4	10892.0	10632.7	10263.0	9972.5
22.5°	10584.7	10625.5	10570.3	10493.5	10397.4	10323.0	10227.0	10075.7	9826.1	9598.0	9324.3
20°	9998.9	9986.9	9938.9	9881.3	9790.1	9737.2	9631.6	9504.4	9312.3	9115.5	8820.2
17.5°	9691.6	9617.2	9571.6	9550.0	9502.0	9434.8	9309.9	9180.3	9031.4	8808.2	8592.1
15°	9463.6	9475.6	9439.6	9422.7	9384.3	9290.7	9163.5	9057.8	8856.2	8743.4	8546.5
12.5°	9449.2	9437.2	9439.6	9432.4	9384.3	9264.3	9199.5	9065.0	8935.4	8786.6	8560.9
10°	9619.6	9492.4	9502.0	9535.6	9458.8	9362.7	9293.1	9146.7	9024.2	8834.6	8611.3
7.5°	9610.0	9545.2	9564.4	9509.2	9533.2	9415.5	9319.5	9173.1	9019.4	8817.8	8616.1
5°	9667.6	9569.2	9552.4	9557.2	9497.2	9408.3	9278.7	9139.5	8995.4	8769.8	8563.3
2.5°	9535.6	9550.0	9473.2	9444.4	9437.2	9288.3	9168.3	9033.8	8885.0	8685.7	8500.9
0°	9437.2	9463.6	9384.3	9343.5	9341.1	9213.9	9137.1	8983.4	8877.8	8712.1	8488.9
-2.5°	9384.3	9415.5	9425.1	9350.7	9278.7	9180.3	9050.6	8885.0	8712.1	8520.1	8328.0
-5°	9389.1	9326.7	9300.3	9324.3	9261.9	9163.5	9019.4	8873.0	8702.5	8496.1	8256.0
-7.5°	9199.5	9137.1	9132.3	9120.3	9105.9	9012.2	8892.2	8733.7	8560.9	8368.8	8145.6
-10°	8916.2	8870.6	8858.6	8846.6	8808.2	8753.0	8640.1	8496.1	8340.0	8148.0	7910.3
-12.5°	8601.7	8580.1	8534.5	8503.3	8464.9	8400.1	8292.0	8160.0	8003.9	7833.5	7629.4
-15°	8253.6	8212.8	8167.2	8140.8	8085.6	8008.7	7900.7	7778.3	7607.8	7439.8	7247.7
-17.5°	7833.5	7783.1	7732.7	7725.5	7687.0	7569.4	7468.6	7319.7	7170.9	7010.0	6822.8
-20°	7338.9	7269.3	7235.7	7216.5	7163.7	7077.3	6969.2	6832.4	6688.4	6534.7	6318.6



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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°	6791.6	6731.6	6673.9	6637.9	6592.3	6525.1	6421.9	6301.8	6160.2	5987.3	5788.1
-25°	6169.8	6085.8	6049.8	6009.0	5984.9	5922.5	5821.7	5711.3	5564.8	5396.8	5207.1
-27.5°	5459.2	5392.0	5372.8	5315.2	5286.3	5221.5	5137.5	5034.3	4899.8	4741.4	4585.3
-30°	4674.2	4633.4	4602.1	4544.5	4522.9	4453.3	4398.1	4311.7	4189.2	4076.4	3951.6
-32.5°	3867.5	3826.7	3817.1	3790.7	3776.3	3730.7	3668.3	3605.9	3507.4	3423.4	3322.6
-35°	3152.1	3123.3	3125.7	3123.3	3108.9	3075.3	2998.5	2981.7	2909.6	2832.8	2768.0
-37.5°	2580.8	2583.2	2580.8	2578.4	2559.1	2544.7	2489.5	2467.9	2424.7	2350.3	2311.9
-40°	2151.0	2155.8	2153.4	2148.6	2127.0	2119.8	2083.8	2055.0	2038.2	1985.4	1944.6
-42.5°	1802.9	1810.1	1807.7	1805.3	1790.9	1788.5	1769.3	1735.7	1726.1	1694.9	1651.7
-45°	1538.8	1536.4	1531.6	1536.4	1529.2	1522.0	1510.0	1488.4	1476.4	1462.0	1426.0
-47.5°	1330.0	1332.4	1327.6	1327.6	1318.0	1310.8	1306.0	1291.6	1282.0	1270.0	1248.4
-50°	1157.1	1166.7	1164.3	1161.9	1154.7	1149.9	1149.9	1135.5	1121.1	1116.3	1101.9
-52.5°	1022.7	1029.9	1032.3	1037.1	1039.5	1041.9	1034.7	1020.3	996.3	993.9	986.7
-55°	900.3	921.9	936.3	945.9	955.5	962.7	948.3	929.1	905.1	895.5	893.1
-57.5°	816.2	837.8	854.6	869.1	881.1	893.1	878.7	859.5	837.8	825.8	823.4
-60°	739.4	758.6	775.4	794.6	811.4	830.6	823.4	809.0	797.0	787.4	777.8
-62.5°	657.8	677.0	696.2	720.2	741.8	761.0	763.4	761.0	758.6	761.0	744.2
-65°	590.6	600.2	612.2	638.6	662.6	684.2	696.2	703.4	715.4	727.4	710.6
-67.5°	518.6	530.6	545.0	564.2	583.4	597.8	614.6	633.8	653.0	672.2	660.2
-70°	453.7	463.3	475.3	484.9	496.9	506.5	521.0	542.6	564.2	583.4	578.6
-72.5°	386.5	396.1	403.3	408.1	415.3	420.1	427.3	446.5	460.9	470.5	470.5
-75°	319.3	328.9	336.1	338.5	343.3	345.7	350.5	357.7	364.9	367.3	369.7
-77.5°	244.9	254.5	261.7	266.5	271.3	276.1	278.5	283.3	285.7	285.7	288.1
-80°	182.5	189.7	194.5	201.7	204.1	208.9	213.7	216.1	218.5	218.5	220.9
-82.5°	129.6	134.4	139.2	144.0	148.8	151.2	156.0	158.4	160.8	163.2	165.6
-85°	86.4	91.2	96.0	100.8	103.2	105.6	108.0	110.4	112.8	115.2	117.6
-87.5°	50.4	52.8	55.2	60.0	62.4	67.2	69.6	67.2	69.6	69.6	69.6
-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°	93.6	93.6	93.6	93.6	91.2	86.4	84.0	79.2	74.4	69.6	64.8
85°	194.5	196.9	196.9	196.9	192.1	189.7	182.5	175.3	165.6	151.2	139.2
82.5°	324.1	326.5	326.5	324.1	319.3	312.1	302.5	290.5	271.3	252.1	235.3
80°	487.3	489.7	489.7	487.3	475.3	463.3	451.3	436.9	412.9	386.5	357.7
77.5°	681.8	686.6	686.6	679.4	662.6	648.2	629.0	605.0	569.0	530.6	492.1
75°	907.5	919.5	921.9	914.7	893.1	866.7	835.4	794.6	739.4	691.4	645.8
72.5°	1169.1	1181.1	1190.7	1181.1	1149.9	1113.9	1068.3	1020.3	965.1	900.3	823.4
70°	1512.4	1524.4	1531.6	1500.4	1445.2	1385.2	1330.0	1274.8	1210.0	1130.7	1046.7
67.5°	1944.6	1932.6	1918.2	1855.7	1786.1	1714.1	1637.3	1555.7	1471.6	1387.6	1289.2
65°	2359.9	2326.3	2295.1	2220.6	2131.8	2038.2	1949.4	1858.1	1757.3	1651.7	1558.1
62.5°	2796.8	2724.8	2648.0	2556.7	2465.5	2362.3	2273.5	2165.4	2052.6	1923.0	1802.9
60°	3226.5	3140.1	3063.3	2950.5	2830.4	2691.2	2595.2	2489.5	2357.5	2218.2	2076.6
57.5°	3641.9	3548.2	3464.2	3365.8	3236.1	3084.9	2979.3	2842.4	2703.2	2527.9	2383.9
55°	4083.6	3990.0	3922.7	3812.3	3670.7	3531.4	3416.2	3272.2	3077.7	2890.4	2712.8
52.5°	4590.1	4515.7	4443.7	4330.9	4160.4	4018.8	3891.5	3730.7	3526.6	3296.2	3082.5
50°	5156.7	5118.3	5041.5	4909.4	4715.0	4590.1	4422.1	4208.4	3990.0	3747.5	3481.0
47.5°	5908.1	5845.7	5737.7	5593.6	5430.4	5243.1	5017.5	4767.8	4458.1	4189.2	3905.9
45°	6806.0	6690.8	6551.5	6357.1	6155.4	5944.1	5696.9	5380.0	4964.6	4614.1	4316.5
42.5°	7778.3	7622.2	7432.6	7178.1	6916.4	6657.1	6390.7	5958.5	5440.0	5036.7	4700.6
40°	8793.8	8594.5	8356.8	7987.1	7696.6	7362.9	7058.1	6412.3	5860.1	5423.2	5065.5
37.5°	9787.7	9535.6	9137.1	8688.1	8349.6	8076.0	7406.2	6714.8	6220.2	5740.1	5377.6
35°	10548.7	10335.0	9631.6	9165.9	8875.4	8443.3	7605.4	6897.2	6373.9	5975.3	5411.2
32.5°	11000.0	10447.8	9830.9	9360.3	9120.3	8412.1	7619.8	6950.0	6445.9	5999.4	5324.8
30°	10899.2	10231.8	9691.6	9297.9	8777.0	8140.8	7485.4	6868.4	6378.7	5838.5	5228.7
27.5°	10291.8	9775.7	9293.1	8882.6	8371.2	7799.9	7194.9	6652.3	6196.2	5672.9	5096.7
25°	9605.2	9137.1	8779.4	8421.7	7936.7	7391.8	6858.8	6467.5	6009.0	5492.8	4923.8
22.5°	8973.8	8637.7	8356.8	7982.3	7509.4	7034.1	6702.8	6297.0	5826.5	5303.1	4746.2
20°	8570.5	8342.4	8020.7	7607.8	7235.7	6938.0	6570.7	6141.0	5656.1	5108.7	4594.9
17.5°	8376.0	8112.0	7754.3	7485.4	7199.7	6873.2	6462.7	6006.6	5490.4	5019.9	4611.7
15°	8275.2	7996.7	7761.5	7497.4	7175.7	6832.4	6376.3	5903.3	5490.4	5055.9	4623.7
12.5°	8296.8	8056.8	7799.9	7511.8	7166.1	6798.8	6385.9	5946.5	5519.2	5082.3	4626.1
10°	8364.0	8112.0	7838.3	7519.0	7170.9	6808.4	6412.3	5972.9	5533.6	5094.3	4621.3
7.5°	8388.0	8114.4	7821.5	7499.8	7158.9	6803.6	6417.1	5980.1	5536.0	5091.9	4606.9
5°	8313.6	8066.4	7783.1	7459.0	7125.3	6779.6	6397.9	5970.5	5516.8	5067.9	4570.9
2.5°	8212.8	8013.5	7742.3	7430.2	7091.7	6746.0	6366.7	5927.3	5473.6	5024.7	4525.3
0°	8196.0	7948.7	7675.0	7396.6	7036.5	6671.5	6294.6	5845.7	5394.4	4943.0	4446.1
-2.5°	8085.6	7823.9	7550.2	7247.7	6930.8	6563.5	6167.4	5728.1	5281.5	4837.4	4359.7
-5°	8001.5	7711.0	7420.6	7094.1	6774.8	6407.5	5996.9	5569.6	5132.7	4700.6	4239.6
-7.5°	7888.7	7591.0	7286.1	6945.2	6599.5	6225.0	5819.3	5392.0	4962.2	4532.5	4090.8
-10°	7660.6	7399.0	7113.3	6760.4	6395.5	6021.0	5617.6	5197.5	4767.8	4333.3	3889.1
-12.5°	7384.6	7108.5	6796.4	6472.3	6145.8	5797.7	5394.4	4981.5	4549.3	4112.4	3670.7
-15°	7026.9	6755.6	6436.3	6119.4	5804.9	5471.2	5115.9	4743.8	4304.5	3874.7	3433.0
-17.5°	6580.3	6325.8	6040.2	5737.7	5425.6	5089.5	4743.8	4429.3	4018.8	3615.5	3178.5
-20°	6100.2	5862.5	5605.6	5320.0	5007.9	4679.0	4352.5	4023.6	3668.3	3313.0	2907.2



REPORT NUMBER: P722289

CATALOG NUMBER: IFLD-S-SA6B-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°	5600.8	5360.8	5101.5	4835.0	4546.9	4242.0	3939.5	3625.1	3313.0	2991.3	2648.0
-25°	5024.7	4813.4	4575.7	4316.5	4059.6	3793.1	3505.0	3219.3	2952.9	2674.4	2393.5
-27.5°	4422.1	4227.6	4011.6	3785.9	3565.0	3341.8	3092.1	2828.0	2607.2	2376.7	2143.8
-30°	3788.3	3632.3	3457.0	3260.2	3089.7	2909.6	2700.8	2482.3	2280.7	2105.4	1918.2
-32.5°	3188.1	3056.1	2931.3	2801.6	2633.6	2494.3	2350.3	2189.4	2011.8	1846.1	1711.7
-35°	2672.0	2530.3	2477.5	2381.5	2261.5	2139.0	2033.4	1918.2	1783.7	1637.3	1526.8
-37.5°	2237.5	2153.4	2079.0	2026.2	1947.0	1848.5	1764.5	1680.5	1577.3	1466.8	1356.4
-40°	1899.0	1841.3	1759.7	1733.3	1682.9	1615.7	1529.2	1464.4	1394.8	1310.8	1217.2
-42.5°	1627.7	1584.5	1531.6	1486.0	1464.4	1416.4	1349.2	1286.8	1231.6	1173.9	1101.9
-45°	1404.4	1375.6	1342.0	1301.2	1284.4	1246.0	1197.9	1128.3	1097.1	1049.1	996.3
-47.5°	1224.4	1210.0	1185.9	1159.5	1135.5	1106.7	1063.5	1020.3	977.1	945.9	905.1
-50°	1082.7	1073.1	1058.7	1037.1	1005.9	986.7	957.9	919.5	878.7	852.2	823.4
-52.5°	969.9	960.3	950.7	933.9	909.9	890.7	866.7	835.4	801.8	775.4	751.4
-55°	883.5	869.1	861.9	847.4	828.2	806.6	785.0	763.4	734.6	710.6	686.6
-57.5°	816.2	797.0	787.4	775.4	756.2	734.6	717.8	696.2	677.0	650.6	629.0
-60°	763.4	741.8	722.6	710.6	693.8	672.2	655.4	638.6	619.4	597.8	571.4
-62.5°	720.2	693.8	667.4	653.0	636.2	617.0	600.2	583.4	564.2	542.6	518.6
-65°	679.4	648.2	614.6	600.2	583.4	564.2	542.6	530.6	513.7	494.5	470.5
-67.5°	629.0	595.4	566.6	549.8	533.0	516.2	496.9	484.9	468.1	444.1	420.1
-70°	554.6	533.0	513.7	499.3	484.9	470.5	451.3	432.1	412.9	391.3	369.7
-72.5°	460.9	453.7	451.3	444.1	427.3	410.5	391.3	372.1	355.3	338.5	321.7
-75°	372.1	376.9	381.7	379.3	362.5	345.7	328.9	312.1	300.1	285.7	271.3
-77.5°	295.3	300.1	304.9	304.9	292.9	283.3	271.3	259.3	249.7	237.7	223.3
-80°	228.1	235.3	242.5	247.3	237.7	230.5	220.9	211.3	201.7	192.1	182.5
-82.5°	172.9	180.1	187.3	192.1	184.9	180.1	172.9	165.6	158.4	148.8	141.6
-85°	124.8	129.6	134.4	136.8	132.0	127.2	122.4	117.6	112.8	105.6	100.8
-87.5°	72.0	74.4	76.8	79.2	74.4	69.6	67.2	62.4	60.0	55.2	52.8
-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-SA6B-935-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°	60.0	55.2	50.4	48.0	43.2	36.0	31.2	26.4	21.6	16.8	14.4
85°	127.2	115.2	100.8	93.6	84.0	74.4	64.8	55.2	45.6	36.0	26.4
82.5°	218.5	204.1	189.7	172.9	151.2	124.8	98.4	81.6	67.2	52.8	40.8
80°	328.9	302.5	278.5	256.9	232.9	199.3	163.2	129.6	91.2	69.6	52.8
77.5°	456.1	424.9	391.3	355.3	316.9	271.3	230.5	187.3	141.6	96.0	67.2
75°	600.2	559.4	513.7	463.3	412.9	352.9	295.3	244.9	192.1	134.4	81.6
72.5°	761.0	710.6	655.4	588.2	508.9	439.3	369.7	302.5	240.1	170.4	110.4
70°	967.5	888.3	806.6	734.6	633.8	523.4	441.7	364.9	285.7	208.9	139.2
67.5°	1188.3	1092.3	993.9	888.3	761.0	631.4	513.7	427.3	333.7	244.9	165.6
65°	1428.4	1308.4	1183.5	1065.9	890.7	737.0	605.0	487.3	379.3	278.5	192.1
62.5°	1675.7	1534.0	1390.0	1236.4	1034.7	845.0	691.4	554.6	422.5	309.7	216.1
60°	1939.8	1774.1	1598.9	1406.8	1171.5	962.7	773.0	624.2	468.1	340.9	242.5
57.5°	2218.2	2038.2	1831.7	1572.5	1313.2	1075.5	866.7	686.6	508.9	369.7	261.7
55°	2520.7	2314.3	2088.6	1745.3	1452.4	1188.3	960.3	749.0	552.2	393.7	280.9
52.5°	2847.2	2607.2	2321.5	1927.8	1598.9	1303.6	1046.7	804.2	593.0	420.1	297.7
50°	3212.1	2909.6	2525.5	2095.8	1726.1	1411.6	1133.1	864.3	626.6	448.9	312.1
47.5°	3591.4	3265.0	2708.0	2251.9	1855.7	1517.2	1222.0	917.1	660.2	472.9	326.5
45°	3987.6	3512.2	2897.6	2391.1	1968.6	1613.3	1289.2	965.1	701.0	494.5	338.5
42.5°	4378.9	3699.5	3063.3	2530.3	2074.2	1699.7	1344.4	1010.7	734.6	516.2	350.5
40°	4563.7	3841.1	3195.3	2626.4	2163.0	1776.5	1392.4	1051.5	763.4	530.6	362.5
37.5°	4640.6	3927.5	3281.8	2717.6	2232.7	1817.3	1433.2	1087.5	787.4	545.0	372.1
35°	4657.4	3958.8	3325.0	2780.0	2290.3	1855.7	1464.4	1113.9	806.6	559.4	381.7
32.5°	4626.1	3949.2	3337.0	2801.6	2326.3	1884.5	1486.0	1133.1	821.0	573.8	391.3
30°	4556.5	3898.7	3293.8	2799.2	2352.7	1901.4	1500.4	1147.5	835.4	583.4	396.1
27.5°	4443.7	3809.9	3238.5	2801.6	2367.1	1908.6	1507.6	1154.7	845.0	590.6	405.7
25°	4304.5	3689.9	3240.9	2796.8	2369.5	1911.0	1507.6	1154.7	847.4	593.0	412.9
22.5°	4143.6	3689.9	3240.9	2789.6	2355.1	1906.2	1500.4	1149.9	847.4	597.8	420.1
20°	4153.2	3692.3	3233.7	2775.2	2333.5	1891.8	1483.6	1137.9	840.2	605.0	424.9
17.5°	4160.4	3687.5	3219.3	2756.0	2304.7	1867.7	1462.0	1121.1	840.2	612.2	427.3
15°	4160.4	3673.1	3197.7	2727.2	2268.7	1834.1	1430.8	1106.7	842.6	614.6	432.1
12.5°	4153.2	3646.7	3164.1	2688.8	2225.4	1793.3	1411.6	1101.9	842.6	617.0	432.1
10°	4138.8	3610.7	3120.9	2640.8	2184.6	1778.9	1402.0	1092.3	837.8	617.0	432.1
7.5°	4112.4	3567.4	3084.9	2612.0	2160.6	1762.1	1387.6	1077.9	830.6	612.2	436.9
5°	4071.6	3543.4	3056.1	2578.4	2127.0	1750.1	1378.0	1065.9	825.8	612.2	432.1
2.5°	4018.8	3514.6	3022.5	2535.1	2088.6	1709.3	1346.8	1039.5	809.0	602.6	427.3
0°	3932.3	3457.0	2964.9	2475.1	2035.8	1668.5	1315.6	1013.1	792.2	593.0	422.5
-2.5°	3853.1	3380.2	2890.4	2412.7	1985.4	1632.5	1291.6	998.7	785.0	590.6	420.1
-5°	3742.7	3274.6	2792.0	2331.1	1918.2	1596.5	1267.6	981.9	777.8	585.8	420.1
-7.5°	3620.3	3164.1	2688.8	2247.1	1850.9	1534.0	1222.0	955.5	761.0	576.2	417.7
-10°	3430.6	2998.5	2559.1	2151.0	1778.9	1478.8	1183.5	931.5	746.6	566.6	408.1
-12.5°	3228.9	2816.0	2410.3	2033.4	1697.3	1421.2	1140.3	905.1	729.8	557.0	403.3
-15°	3015.3	2628.8	2254.3	1911.0	1608.5	1351.6	1094.7	876.3	713.0	545.0	396.1
-17.5°	2792.0	2431.9	2093.4	1786.1	1519.6	1279.6	1046.7	849.8	693.8	533.0	388.9
-20°	2556.7	2230.3	1930.2	1658.9	1426.0	1207.6	996.3	818.6	672.2	518.6	379.3



REPORT NUMBER: P722289

CATALOG NUMBER: IFLD-S-SA6B-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2323.9	2031.0	1762.1	1534.0	1330.0	1133.1	945.9	787.4	648.2	501.7	372.1
-25°	2117.4	1843.7	1613.3	1414.0	1236.4	1061.1	893.1	756.2	621.8	484.9	362.5
-27.5°	1915.8	1682.9	1466.8	1301.2	1145.1	991.5	842.6	722.6	595.4	465.7	352.9
-30°	1728.5	1529.2	1351.6	1190.7	1058.7	929.1	799.4	689.0	566.6	446.5	340.9
-32.5°	1558.1	1397.2	1248.4	1094.7	977.1	866.7	758.6	655.4	537.8	427.3	328.9
-35°	1399.6	1274.8	1145.1	1015.5	895.5	809.0	715.4	619.4	511.3	405.7	316.9
-37.5°	1258.0	1157.1	1053.9	943.5	840.2	753.8	674.6	583.4	484.9	386.5	304.9
-40°	1135.5	1053.9	962.7	873.9	787.4	705.8	633.8	547.4	458.5	372.1	292.9
-42.5°	1022.7	960.3	885.9	811.4	734.6	662.6	593.0	508.9	432.1	355.3	280.9
-45°	936.3	873.9	813.8	746.6	681.8	619.4	549.8	475.3	408.1	336.1	268.9
-47.5°	854.6	799.4	744.2	689.0	636.2	578.6	508.9	446.5	381.7	319.3	259.3
-50°	782.6	729.8	681.8	633.8	588.2	533.0	468.1	417.7	360.1	302.5	247.3
-52.5°	715.4	669.8	621.8	583.4	545.0	489.7	436.9	388.9	338.5	283.3	235.3
-55°	655.4	612.2	569.0	533.0	496.9	448.9	405.7	364.9	316.9	268.9	223.3
-57.5°	597.8	561.8	521.0	487.3	451.3	412.9	376.9	338.5	295.3	254.5	211.3
-60°	545.0	511.3	475.3	441.7	410.5	379.3	345.7	314.5	276.1	237.7	199.3
-62.5°	492.1	463.3	432.1	398.5	374.5	345.7	319.3	288.1	256.9	223.3	177.7
-65°	444.1	417.7	388.9	360.1	338.5	316.9	292.9	264.1	237.7	206.5	158.4
-67.5°	396.1	372.1	348.1	324.1	304.9	288.1	264.1	242.5	220.9	187.3	139.2
-70°	350.5	331.3	309.7	290.5	276.1	256.9	240.1	220.9	201.7	163.2	117.6
-72.5°	307.3	288.1	271.3	256.9	244.9	228.1	213.7	199.3	172.9	136.8	98.4
-75°	256.9	244.9	235.3	223.3	211.3	199.3	187.3	170.4	144.0	110.4	76.8
-77.5°	211.3	204.1	196.9	187.3	177.7	168.0	153.6	136.8	115.2	86.4	62.4
-80°	172.9	165.6	160.8	151.2	144.0	134.4	120.0	105.6	84.0	67.2	50.4
-82.5°	132.0	127.2	122.4	117.6	110.4	100.8	86.4	74.4	62.4	50.4	38.4
-85°	93.6	91.2	86.4	81.6	74.4	67.2	57.6	50.4	43.2	33.6	26.4
-87.5°	48.0	45.6	43.2	40.8	38.4	33.6	28.8	24.0	21.6	16.8	12.0
-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: P722289

CATALOG NUMBER: IFLD-S-SA6B-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.6	7.2	2.4	0.0
85°	19.2	12.0	4.8	0.0
82.5°	28.8	19.2	7.2	0.0
80°	38.4	24.0	12.0	0.0
77.5°	48.0	28.8	14.4	0.0
75°	57.6	36.0	16.8	0.0
72.5°	64.8	40.8	19.2	0.0
70°	76.8	48.0	21.6	0.0
67.5°	96.0	52.8	24.0	0.0
65°	112.8	57.6	26.4	0.0
62.5°	132.0	62.4	28.8	0.0
60°	148.8	67.2	31.2	0.0
57.5°	165.6	79.2	33.6	0.0
55°	180.1	88.8	36.0	0.0
52.5°	196.9	98.4	38.4	0.0
50°	211.3	108.0	40.8	0.0
47.5°	223.3	117.6	40.8	0.0
45°	232.9	124.8	43.2	0.0
42.5°	240.1	132.0	45.6	0.0
40°	247.3	139.2	48.0	0.0
37.5°	254.5	146.4	48.0	0.0
35°	261.7	153.6	50.4	0.0
32.5°	268.9	160.8	50.4	0.0
30°	273.7	165.6	52.8	0.0
27.5°	280.9	170.4	52.8	0.0
25°	283.3	175.3	55.2	0.0
22.5°	288.1	177.7	55.2	0.0
20°	292.9	182.5	55.2	0.0
17.5°	295.3	184.9	57.6	0.0
15°	295.3	187.3	60.0	0.0
12.5°	297.7	189.7	60.0	0.0
10°	297.7	194.5	57.6	0.0
7.5°	302.5	192.1	57.6	0.0
5°	300.1	192.1	57.6	0.0
2.5°	297.7	189.7	57.6	0.0
0°	295.3	189.7	57.6	0.0
-2.5°	295.3	189.7	57.6	0.0
-5°	295.3	189.7	57.6	0.0
-7.5°	292.9	192.1	57.6	0.0
-10°	288.1	192.1	57.6	0.0
-12.5°	285.7	184.9	57.6	0.0
-15°	283.3	182.5	57.6	0.0
-17.5°	278.5	180.1	55.2	0.0
-20°	273.7	177.7	55.2	0.0



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CATALOG NUMBER: IFLD-S-SA6B-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	268.9	172.9	55.2	0.0
-25°	264.1	168.0	52.8	0.0
-27.5°	259.3	163.2	52.8	0.0
-30°	252.1	158.4	50.4	0.0
-32.5°	244.9	153.6	50.4	0.0
-35°	240.1	146.4	48.0	0.0
-37.5°	232.9	139.2	48.0	0.0
-40°	225.7	132.0	45.6	0.0
-42.5°	218.5	124.8	43.2	0.0
-45°	208.9	117.6	43.2	0.0
-47.5°	201.7	110.4	40.8	0.0
-50°	189.7	100.8	38.4	0.0
-52.5°	175.3	91.2	36.0	0.0
-55°	160.8	84.0	33.6	0.0
-57.5°	146.4	74.4	33.6	0.0
-60°	132.0	64.8	31.2	0.0
-62.5°	117.6	60.0	28.8	0.0
-65°	103.2	55.2	26.4	0.0
-67.5°	86.4	48.0	24.0	0.0
-70°	72.0	43.2	21.6	0.0
-72.5°	62.4	38.4	19.2	0.0
-75°	52.8	33.6	16.8	0.0
-77.5°	45.6	28.8	14.4	0.0
-80°	36.0	21.6	9.6	0.0
-82.5°	26.4	16.8	7.2	0.0
-85°	16.8	12.0	4.8	0.0
-87.5°	9.6	4.8	2.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)