

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: P722079

Luminaire Tested: **IFLD-S-SA2E-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722079
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

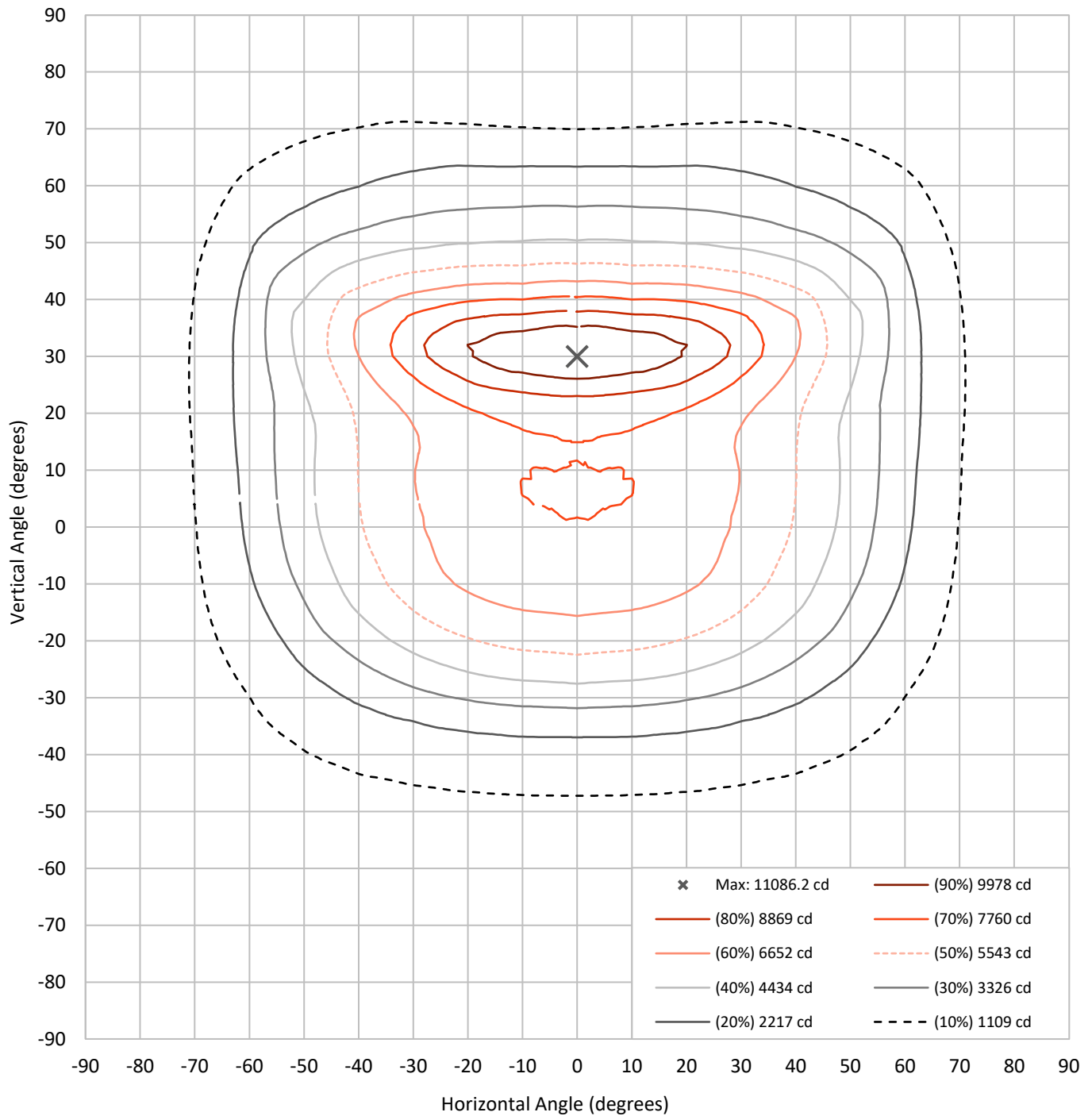
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18505.7 lumens	Max Intensity:	11086.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10761.3 lumens	Field Lumens:	17342.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 156.2
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



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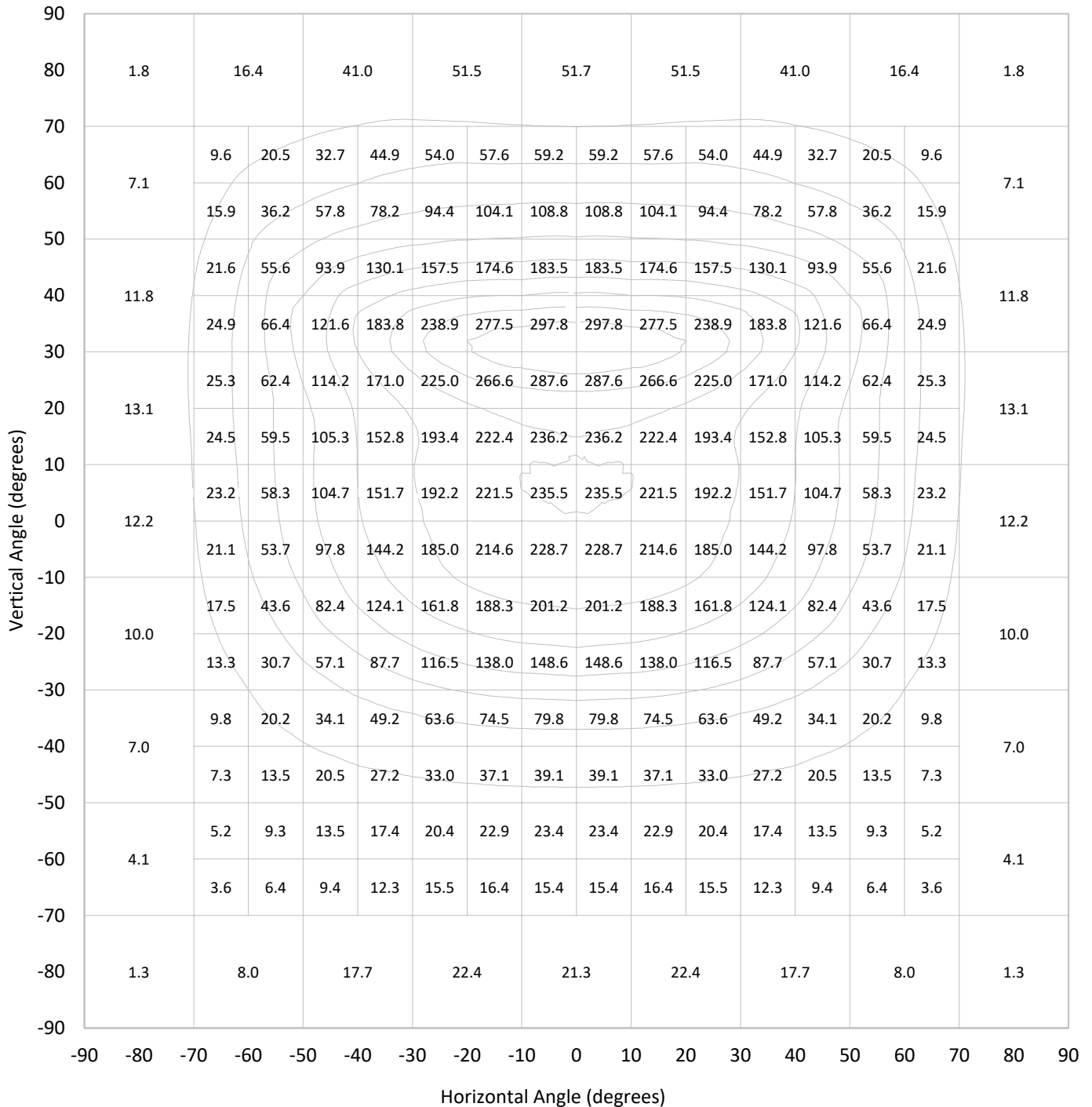
Iso-Candela Plot





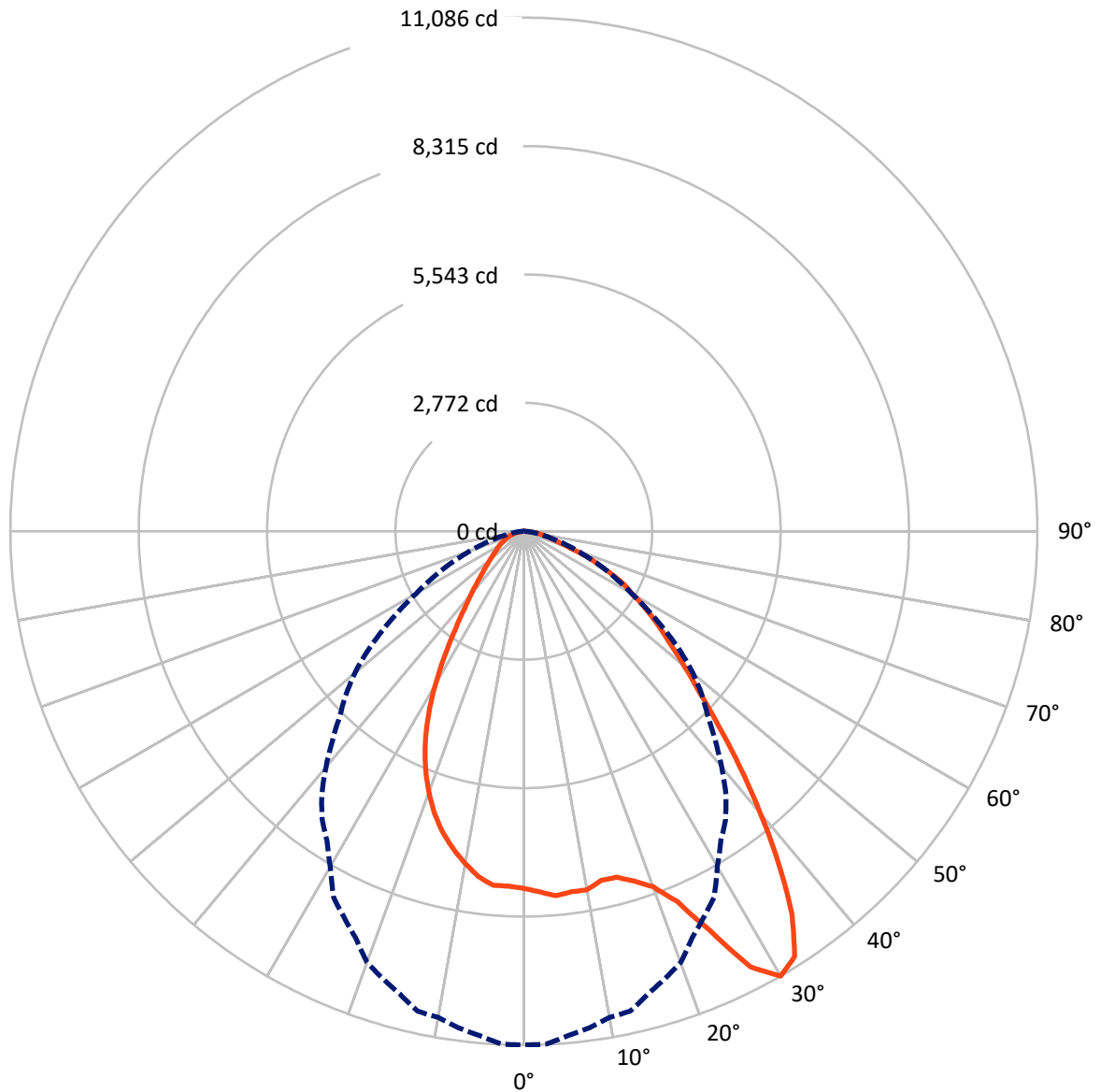
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Lumen Table



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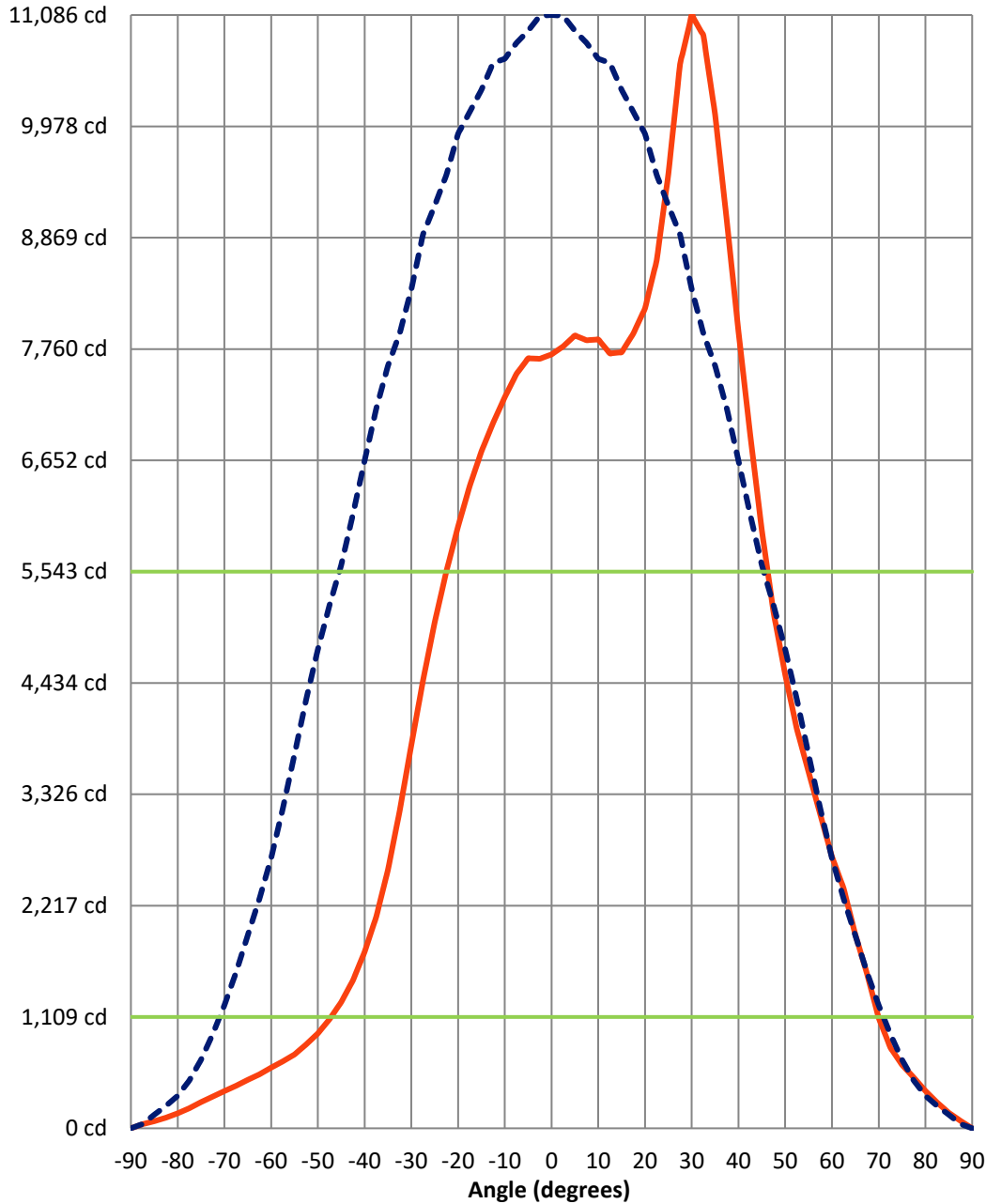
Luminous Intensity Polar Plot



— 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: 10761.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 17342.2
 Efficiency: 93.7%

Spill:
 Lumens: 1163.5
 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°	74.5	76.5	78.4	78.4	76.5	76.5	76.5	74.5	76.5	76.5	76.5
85°	154.9	158.8	162.7	160.8	158.8	154.9	151.0	152.9	154.9	156.8	156.8
82.5°	256.8	262.7	266.6	264.7	260.7	256.8	252.9	254.9	258.8	260.7	260.7
80°	372.5	374.4	376.4	380.3	374.4	374.4	372.5	380.3	384.2	388.2	392.1
77.5°	505.8	507.8	507.8	509.7	511.7	513.6	513.6	527.4	537.2	543.0	548.9
75°	631.3	637.1	643.0	648.9	656.7	660.7	666.5	686.2	701.8	713.6	725.4
72.5°	803.8	811.6	821.4	835.1	848.9	858.7	872.4	895.9	913.6	925.3	939.0
70°	1099.8	1107.6	1117.4	1127.2	1141.0	1150.8	1164.5	1193.9	1211.5	1219.4	1227.2
67.5°	1538.9	1558.5	1576.2	1556.6	1546.8	1533.1	1537.0	1564.4	1582.1	1593.8	1591.9
65°	1929.1	1942.8	1942.8	1940.8	1933.0	1915.3	1925.1	1958.5	1978.1	1987.9	1958.5
62.5°	2387.8	2387.8	2378.0	2393.7	2395.6	2383.9	2378.0	2380.0	2381.9	2387.8	2338.8
60°	2705.4	2725.0	2730.9	2744.6	2748.5	2748.5	2758.3	2766.2	2766.2	2754.4	2697.6
57.5°	3124.9	3162.2	3170.0	3160.2	3140.6	3115.1	3111.2	3099.4	3075.9	3052.4	3024.9
55°	3548.4	3568.0	3566.0	3560.1	3540.5	3511.1	3515.0	3499.4	3462.1	3432.7	3395.5
52.5°	3973.8	4020.8	4028.7	4016.9	3989.5	3958.1	3960.1	3942.4	3905.2	3873.8	3822.8
50°	4516.8	4556.0	4552.1	4532.5	4493.3	4469.8	4471.7	4438.4	4395.3	4385.5	4318.8
47.5°	5138.3	5183.4	5175.5	5148.1	5095.2	5085.4	5095.2	5052.0	5026.5	5005.0	4926.6
45°	5953.8	6006.8	5977.3	5924.4	5840.1	5849.9	5863.6	5855.8	5800.9	5744.1	5644.1
42.5°	6910.5	6943.8	6908.6	6855.6	6749.8	6769.4	6761.5	6714.5	6681.1	6587.0	6459.6
40°	7933.9	8006.4	7951.5	7869.2	7759.4	7788.8	7767.2	7706.4	7628.0	7510.4	7349.6
37.5°	9037.6	9094.4	9031.7	8935.6	8837.6	8827.8	8784.7	8690.6	8578.8	8449.4	8192.6
35°	10094.2	10241.3	10125.6	9972.7	9853.1	9808.0	9766.9	9549.3	9421.8	9212.1	8861.1
32.5°	10880.4	10988.2	10845.1	10686.3	10541.2	10478.5	10333.4	10074.6	10006.0	9564.9	9243.4
30°	11086.2	11078.4	10929.4	10807.8	10651.0	10607.9	10341.3	10121.7	9902.1	9494.4	9188.5
27.5°	10596.1	10547.1	10404.0	10298.1	10143.3	10092.3	9829.6	9712.0	9372.8	9027.8	8769.0
25°	9504.2	9529.6	9421.8	9368.9	9266.9	9157.2	9053.3	8894.5	8682.7	8380.8	8143.6
22.5°	8643.5	8676.9	8631.8	8569.0	8490.6	8429.8	8351.4	8227.9	8024.0	7837.8	7614.3
20°	8165.2	8155.4	8116.2	8069.1	7994.6	7951.5	7865.2	7761.3	7604.5	7443.7	7202.6
17.5°	7914.3	7853.5	7816.2	7798.6	7759.4	7704.5	7602.5	7496.7	7375.1	7192.8	7016.4
15°	7728.0	7737.8	7708.4	7694.7	7663.3	7586.9	7483.0	7396.7	7232.0	7139.9	6979.1
12.5°	7716.2	7706.4	7708.4	7702.5	7663.3	7565.3	7512.4	7402.6	7296.7	7175.2	6990.9
10°	7855.4	7751.5	7759.4	7786.8	7724.1	7645.7	7588.8	7469.2	7369.3	7214.4	7032.1
7.5°	7847.6	7794.7	7810.3	7765.3	7784.9	7688.8	7610.4	7490.8	7365.3	7200.7	7036.0
5°	7894.6	7814.3	7800.5	7804.5	7755.5	7682.9	7577.1	7463.4	7345.7	7161.4	6992.9
2.5°	7786.8	7798.6	7735.9	7712.3	7706.4	7584.9	7486.9	7377.1	7255.5	7092.8	6941.9
0°	7706.4	7728.0	7663.3	7630.0	7628.0	7524.1	7461.4	7335.9	7249.7	7114.4	6932.1
-2.5°	7663.3	7688.8	7696.6	7635.9	7577.1	7496.7	7390.8	7255.5	7114.4	6957.6	6800.7
-5°	7667.2	7616.3	7594.7	7614.3	7563.3	7483.0	7365.3	7245.7	7106.6	6938.0	6741.9
-7.5°	7512.4	7461.4	7457.5	7447.7	7435.9	7359.5	7261.4	7132.0	6990.9	6834.1	6651.7
-10°	7281.0	7243.8	7234.0	7224.2	7192.8	7147.7	7055.6	6938.0	6810.5	6653.7	6459.6
-12.5°	7024.2	7006.6	6969.3	6943.8	6912.5	6859.5	6771.3	6663.5	6536.1	6396.9	6230.2
-15°	6740.0	6706.6	6669.4	6647.8	6602.7	6540.0	6451.8	6351.8	6212.6	6075.4	5918.5
-17.5°	6396.9	6355.7	6314.5	6308.7	6277.3	6181.2	6098.9	5977.3	5855.8	5724.5	5571.5
-20°	5993.0	5936.2	5908.7	5893.1	5849.9	5779.3	5691.1	5579.4	5461.8	5336.3	5159.8



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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°	5546.1	5497.0	5450.0	5420.6	5383.3	5328.4	5244.1	5146.1	5030.5	4889.3	4726.6
-25°	5038.3	4969.7	4940.3	4907.0	4887.3	4836.4	4754.0	4663.9	4544.3	4407.0	4252.2
-27.5°	4458.0	4403.1	4387.4	4340.4	4316.9	4263.9	4195.3	4111.0	4001.2	3871.8	3744.4
-30°	3817.0	3783.6	3758.1	3711.1	3693.4	3636.6	3591.5	3520.9	3420.9	3328.8	3226.9
-32.5°	3158.3	3124.9	3117.1	3095.5	3083.8	3046.5	2995.5	2944.6	2864.2	2795.6	2713.2
-35°	2574.0	2550.5	2552.5	2550.5	2538.8	2511.3	2448.6	2434.9	2376.0	2313.3	2260.4
-37.5°	2107.5	2109.4	2107.5	2105.5	2089.8	2078.1	2033.0	2015.3	1980.0	1919.3	1887.9
-40°	1756.5	1760.5	1758.5	1754.6	1736.9	1731.1	1701.7	1678.1	1664.4	1621.3	1587.9
-42.5°	1472.3	1478.2	1476.2	1474.2	1462.5	1460.5	1444.8	1417.4	1409.5	1384.1	1348.8
-45°	1256.6	1254.7	1250.8	1254.7	1248.8	1242.9	1233.1	1215.5	1205.7	1193.9	1164.5
-47.5°	1086.1	1088.0	1084.1	1084.1	1076.3	1070.4	1066.5	1054.7	1046.9	1037.1	1019.4
-50°	944.9	952.8	950.8	948.8	943.0	939.0	939.0	927.3	915.5	911.6	899.8
-52.5°	835.1	841.0	843.0	846.9	848.9	850.8	844.9	833.2	813.6	811.6	805.7
-55°	735.2	752.8	764.6	772.4	780.3	786.1	774.4	758.7	739.1	731.2	729.3
-57.5°	666.5	684.2	697.9	709.7	719.5	729.3	717.5	701.8	684.2	674.4	672.4
-60°	603.8	619.5	633.2	648.9	662.6	678.3	672.4	660.7	650.9	643.0	635.2
-62.5°	537.2	552.8	568.5	588.1	605.8	621.5	623.4	621.5	619.5	621.5	607.7
-65°	482.3	490.1	499.9	521.5	541.1	558.7	568.5	574.4	584.2	594.0	580.3
-67.5°	423.5	433.3	445.0	460.7	476.4	488.1	501.9	517.6	533.2	548.9	539.1
-70°	370.5	378.4	388.2	396.0	405.8	413.7	425.4	443.1	460.7	476.4	472.5
-72.5°	315.6	323.5	329.4	333.3	339.2	343.1	349.0	364.6	376.4	384.2	384.2
-75°	260.7	268.6	274.5	276.4	280.3	282.3	286.2	292.1	298.0	299.9	301.9
-77.5°	200.0	207.8	213.7	217.6	221.5	225.4	227.4	231.3	233.3	233.3	235.3
-80°	149.0	154.9	158.8	164.7	166.6	170.6	174.5	176.4	178.4	178.4	180.4
-82.5°	105.9	109.8	113.7	117.6	121.5	123.5	127.4	129.4	131.3	133.3	135.3
-85°	70.6	74.5	78.4	82.3	84.3	86.3	88.2	90.2	92.1	94.1	96.1
-87.5°	41.2	43.1	45.1	49.0	51.0	54.9	56.9	54.9	56.9	56.9	56.9
-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°	76.5	76.5	76.5	76.5	74.5	70.6	68.6	64.7	60.8	56.9	52.9
85°	158.8	160.8	160.8	160.8	156.8	154.9	149.0	143.1	135.3	123.5	113.7
82.5°	264.7	266.6	266.6	264.7	260.7	254.9	247.0	237.2	221.5	205.8	192.1
80°	398.0	399.9	399.9	398.0	388.2	378.4	368.6	356.8	337.2	315.6	292.1
77.5°	556.8	560.7	560.7	554.8	541.1	529.3	513.6	494.0	464.6	433.3	401.9
75°	741.0	750.8	752.8	746.9	729.3	707.7	682.2	648.9	603.8	564.6	527.4
72.5°	954.7	964.5	972.4	964.5	939.0	909.6	872.4	833.2	788.1	735.2	672.4
70°	1235.1	1244.9	1250.8	1225.3	1180.2	1131.2	1086.1	1041.0	988.1	923.4	854.7
67.5°	1587.9	1578.1	1566.4	1515.4	1458.6	1399.7	1337.0	1270.4	1201.7	1133.1	1052.8
65°	1927.1	1899.7	1874.2	1813.4	1740.9	1664.4	1591.9	1517.4	1435.0	1348.8	1272.3
62.5°	2283.9	2225.1	2162.4	2087.9	2013.4	1929.1	1856.5	1768.3	1676.2	1570.3	1472.3
60°	2634.8	2564.2	2501.5	2409.4	2311.3	2197.6	2119.2	2033.0	1925.1	1811.4	1695.8
57.5°	2974.0	2897.5	2828.9	2748.5	2642.7	2519.2	2432.9	2321.1	2207.4	2064.3	1946.7
55°	3334.7	3258.2	3203.3	3113.2	2997.5	2883.8	2789.7	2672.1	2513.3	2360.4	2215.3
52.5°	3748.3	3687.6	3628.8	3536.6	3397.4	3281.8	3177.9	3046.5	2879.9	2691.7	2517.2
50°	4211.0	4179.6	4116.9	4009.1	3850.3	3748.3	3611.1	3436.6	3258.2	3060.2	2842.6
47.5°	4824.6	4773.6	4685.4	4567.8	4434.5	4281.6	4097.3	3893.4	3640.5	3420.9	3189.6
45°	5557.8	5463.7	5350.0	5191.2	5026.5	4854.0	4652.1	4393.3	4054.2	3767.9	3524.9
42.5°	6351.8	6224.4	6069.5	5861.7	5648.0	5436.3	5218.7	4865.8	4442.3	4113.0	3838.5
40°	7181.1	7018.3	6824.3	6522.3	6285.1	6012.6	5763.7	5236.3	4785.4	4428.6	4136.5
37.5°	7992.7	7786.8	7461.4	7094.8	6818.4	6594.9	6047.9	5483.3	5079.5	4687.4	4391.4
35°	8614.1	8439.6	7865.2	7484.9	7247.7	6894.8	6210.6	5632.3	5204.9	4879.5	4418.8
32.5°	8982.7	8531.8	8028.0	7643.7	7447.7	6869.3	6222.4	5675.4	5263.8	4899.1	4348.2
30°	8900.3	8355.3	7914.3	7592.7	7167.3	6647.8	6112.6	5608.8	5208.9	4767.8	4269.8
27.5°	8404.4	7982.9	7588.8	7253.6	6836.0	6369.4	5875.4	5432.3	5059.9	4632.5	4162.0
25°	7843.7	7461.4	7169.3	6877.2	6481.2	6036.2	5600.9	5281.4	4907.0	4485.5	4020.8
22.5°	7328.1	7053.6	6824.3	6518.4	6132.2	5744.1	5473.5	5142.2	4758.0	4330.6	3875.8
20°	6998.7	6812.5	6549.8	6212.6	5908.7	5665.6	5365.7	5014.8	4618.8	4171.8	3752.3
17.5°	6839.9	6624.3	6332.2	6112.6	5879.3	5612.7	5277.5	4905.0	4483.5	4099.3	3766.0
15°	6757.6	6530.2	6338.1	6122.4	5859.7	5579.4	5206.9	4820.7	4483.5	4128.7	3775.8
12.5°	6775.2	6579.2	6369.4	6134.2	5851.9	5551.9	5214.7	4856.0	4507.0	4150.2	3777.7
10°	6830.1	6624.3	6400.8	6140.1	5855.8	5559.8	5236.3	4877.5	4518.8	4160.0	3773.8
7.5°	6849.7	6626.3	6387.1	6124.4	5846.0	5555.9	5240.2	4883.4	4520.7	4158.1	3762.1
5°	6789.0	6587.0	6355.7	6091.1	5818.6	5536.3	5224.5	4875.6	4505.1	4138.5	3732.7
2.5°	6706.6	6543.9	6322.4	6067.5	5791.1	5508.8	5199.1	4840.3	4469.8	4103.2	3695.4
0°	6692.9	6491.0	6267.5	6040.1	5746.0	5448.0	5140.2	4773.6	4405.1	4036.5	3630.7
-2.5°	6602.7	6389.0	6165.5	5918.5	5659.8	5359.8	5036.3	4677.6	4312.9	3950.3	3560.1
-5°	6534.1	6296.9	6059.7	5793.1	5532.3	5232.4	4897.2	4548.2	4191.4	3838.5	3462.1
-7.5°	6442.0	6198.9	5949.9	5671.5	5389.2	5083.4	4752.1	4403.1	4052.2	3701.3	3340.6
-10°	6255.7	6042.0	5808.8	5520.6	5222.6	4916.8	4587.4	4244.3	3893.4	3538.6	3175.9
-12.5°	6030.3	5804.8	5550.0	5285.3	5018.7	4734.4	4405.1	4067.9	3715.0	3358.2	2997.5
-15°	5738.2	5516.6	5255.9	4997.1	4740.3	4467.8	4177.7	3873.8	3515.0	3164.1	2803.4
-17.5°	5373.5	5165.7	4932.4	4685.4	4430.6	4156.1	3873.8	3617.0	3281.8	2952.4	2595.6
-20°	4981.5	4787.4	4577.6	4344.3	4089.5	3820.9	3554.3	3285.7	2995.5	2705.4	2374.1



REPORT NUMBER: P722079

CATALOG NUMBER: IFLD-S-SA2E-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4573.7	4377.6	4165.9	3948.3	3713.1	3464.1	3217.1	2960.2	2705.4	2442.7	2162.4
-25°	4103.2	3930.7	3736.6	3524.9	3315.1	3097.5	2862.2	2628.9	2411.3	2183.9	1954.5
-27.5°	3611.1	3452.3	3275.9	3091.6	2911.2	2728.9	2525.0	2309.4	2129.0	1940.8	1750.7
-30°	3093.6	2966.1	2823.0	2662.3	2523.1	2376.0	2205.5	2027.1	1862.4	1719.3	1566.4
-32.5°	2603.4	2495.6	2393.7	2287.8	2150.6	2036.9	1919.3	1787.9	1642.8	1507.6	1397.8
-35°	2182.0	2066.3	2023.2	1944.7	1846.7	1746.7	1660.5	1566.4	1456.6	1337.0	1246.8
-37.5°	1827.1	1758.5	1697.7	1654.6	1589.9	1509.5	1440.9	1372.3	1288.0	1197.8	1107.6
-40°	1550.7	1503.6	1437.0	1415.4	1374.3	1319.4	1248.8	1195.9	1139.0	1070.4	993.9
-42.5°	1329.2	1293.9	1250.8	1213.5	1195.9	1156.7	1101.8	1050.8	1005.7	958.6	899.8
-45°	1146.9	1123.3	1095.9	1062.6	1048.8	1017.5	978.3	921.4	895.9	856.7	813.6
-47.5°	999.8	988.1	968.5	946.9	927.3	903.8	868.5	833.2	797.9	772.4	739.1
-50°	884.2	876.3	864.5	846.9	821.4	805.7	782.2	750.8	717.5	696.0	672.4
-52.5°	792.0	784.2	776.3	762.6	743.0	727.3	707.7	682.2	654.8	633.2	613.6
-55°	721.4	709.7	703.8	692.0	676.3	658.7	641.1	623.4	599.9	580.3	560.7
-57.5°	666.5	650.9	643.0	633.2	617.5	599.9	586.2	568.5	552.8	531.3	513.6
-60°	623.4	605.8	590.1	580.3	566.6	548.9	535.2	521.5	505.8	488.1	466.6
-62.5°	588.1	566.6	545.0	533.2	519.5	503.8	490.1	476.4	460.7	443.1	423.5
-65°	554.8	529.3	501.9	490.1	476.4	460.7	443.1	433.3	419.5	403.8	384.2
-67.5°	513.6	486.2	462.7	448.9	435.2	421.5	405.8	396.0	382.3	362.7	343.1
-70°	452.9	435.2	419.5	407.8	396.0	384.2	368.6	352.9	337.2	319.5	301.9
-72.5°	376.4	370.5	368.6	362.7	349.0	335.2	319.5	303.9	290.1	276.4	262.7
-75°	303.9	307.8	311.7	309.7	296.0	282.3	268.6	254.9	245.1	233.3	221.5
-77.5°	241.1	245.1	249.0	249.0	239.2	231.3	221.5	211.7	203.9	194.1	182.3
-80°	186.2	192.1	198.0	201.9	194.1	188.2	180.4	172.5	164.7	156.8	149.0
-82.5°	141.2	147.0	152.9	156.8	151.0	147.0	141.2	135.3	129.4	121.5	115.7
-85°	101.9	105.9	109.8	111.7	107.8	103.9	100.0	96.1	92.1	86.3	82.3
-87.5°	58.8	60.8	62.7	64.7	60.8	56.9	54.9	51.0	49.0	45.1	43.1
-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°	49.0	45.1	41.2	39.2	35.3	29.4	25.5	21.6	17.6	13.7	11.8
85°	103.9	94.1	82.3	76.5	68.6	60.8	52.9	45.1	37.2	29.4	21.6
82.5°	178.4	166.6	154.9	141.2	123.5	101.9	80.4	66.7	54.9	43.1	33.3
80°	268.6	247.0	227.4	209.8	190.2	162.7	133.3	105.9	74.5	56.9	43.1
77.5°	372.5	347.0	319.5	290.1	258.8	221.5	188.2	152.9	115.7	78.4	54.9
75°	490.1	456.8	419.5	378.4	337.2	288.2	241.1	200.0	156.8	109.8	66.7
72.5°	621.5	580.3	535.2	480.3	415.6	358.8	301.9	247.0	196.0	139.2	90.2
70°	790.1	725.4	658.7	599.9	517.6	427.4	360.7	298.0	233.3	170.6	113.7
67.5°	970.4	892.0	811.6	725.4	621.5	515.6	419.5	349.0	272.5	200.0	135.3
65°	1166.5	1068.4	966.5	870.4	727.3	601.9	494.0	398.0	309.7	227.4	156.8
62.5°	1368.4	1252.7	1135.1	1009.6	844.9	690.1	564.6	452.9	345.0	252.9	176.4
60°	1584.0	1448.8	1305.6	1148.8	956.7	786.1	631.3	509.7	382.3	278.4	198.0
57.5°	1811.4	1664.4	1495.8	1284.1	1072.4	878.3	707.7	560.7	415.6	301.9	213.7
55°	2058.5	1889.9	1705.6	1425.2	1186.1	970.4	784.2	611.7	450.9	321.5	229.4
52.5°	2325.1	2129.0	1895.7	1574.2	1305.6	1064.5	854.7	656.7	484.2	343.1	243.1
50°	2623.1	2376.0	2062.4	1711.5	1409.5	1152.7	925.3	705.8	511.7	366.6	254.9
47.5°	2932.8	2666.2	2211.4	1838.9	1515.4	1239.0	997.9	748.9	539.1	386.2	266.6
45°	3256.3	2868.1	2366.2	1952.6	1607.6	1317.4	1052.8	788.1	572.4	403.8	276.4
42.5°	3575.8	3021.0	2501.5	2066.3	1693.8	1388.0	1097.8	825.3	599.9	421.5	286.2
40°	3726.8	3136.7	2609.3	2144.7	1766.3	1450.7	1137.0	858.7	623.4	433.3	296.0
37.5°	3789.5	3207.3	2679.9	2219.2	1823.2	1484.0	1170.4	888.1	643.0	445.0	303.9
35°	3803.2	3232.7	2715.2	2270.2	1870.2	1515.4	1195.9	909.6	658.7	456.8	311.7
32.5°	3777.7	3224.9	2725.0	2287.8	1899.7	1538.9	1213.5	925.3	670.5	468.5	319.5
30°	3720.9	3183.7	2689.7	2285.9	1921.2	1552.7	1225.3	937.1	682.2	476.4	323.5
27.5°	3628.8	3111.2	2644.6	2287.8	1933.0	1558.5	1231.1	943.0	690.1	482.3	331.3
25°	3515.0	3013.2	2646.6	2283.9	1934.9	1560.5	1231.1	943.0	692.0	484.2	337.2
22.5°	3383.7	3013.2	2646.6	2278.0	1923.2	1556.6	1225.3	939.0	692.0	488.1	343.1
20°	3391.5	3015.1	2640.7	2266.3	1905.5	1544.8	1211.5	929.2	686.2	494.0	347.0
17.5°	3397.4	3011.2	2628.9	2250.6	1882.0	1525.2	1193.9	915.5	686.2	499.9	349.0
15°	3397.4	2999.5	2611.3	2227.0	1852.6	1497.8	1168.4	903.8	688.1	501.9	352.9
12.5°	3391.5	2977.9	2583.8	2195.7	1817.3	1464.4	1152.7	899.8	688.1	503.8	352.9
10°	3379.8	2948.5	2548.6	2156.5	1784.0	1452.7	1144.9	892.0	684.2	503.8	352.9
7.5°	3358.2	2913.2	2519.2	2132.9	1764.4	1439.0	1133.1	880.2	678.3	499.9	356.8
5°	3324.9	2893.6	2495.6	2105.5	1736.9	1429.2	1125.3	870.4	674.4	499.9	352.9
2.5°	3281.8	2870.1	2468.2	2070.2	1705.6	1395.8	1099.8	848.9	660.7	492.1	349.0
0°	3211.2	2823.0	2421.1	2021.2	1662.4	1362.5	1074.3	827.3	646.9	484.2	345.0
-2.5°	3146.5	2760.3	2360.4	1970.2	1621.3	1333.1	1054.7	815.5	641.1	482.3	343.1
-5°	3056.3	2674.0	2280.0	1903.6	1566.4	1303.7	1035.1	801.8	635.2	478.3	343.1
-7.5°	2956.3	2583.8	2195.7	1835.0	1511.5	1252.7	997.9	780.3	621.5	470.5	341.1
-10°	2801.5	2448.6	2089.8	1756.5	1452.7	1207.6	966.5	760.6	609.7	462.7	333.3
-12.5°	2636.8	2299.6	1968.3	1660.5	1386.0	1160.6	931.2	739.1	596.0	454.8	329.4
-15°	2462.3	2146.7	1840.8	1560.5	1313.5	1103.7	894.0	715.6	582.2	445.0	323.5
-17.5°	2280.0	1985.9	1709.5	1458.6	1241.0	1044.9	854.7	694.0	566.6	435.2	317.6
-20°	2087.9	1821.2	1576.2	1354.7	1164.5	986.1	813.6	668.5	548.9	423.5	309.7



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CATALOG NUMBER: IFLD-S-SA2E-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1897.7	1658.5	1439.0	1252.7	1086.1	925.3	772.4	643.0	529.3	409.7	303.9
-25°	1729.1	1505.6	1317.4	1154.7	1009.6	866.5	729.3	617.5	507.8	396.0	296.0
-27.5°	1564.4	1374.3	1197.8	1062.6	935.1	809.7	688.1	590.1	486.2	380.3	288.2
-30°	1411.5	1248.8	1103.7	972.4	864.5	758.7	652.8	562.6	462.7	364.6	278.4
-32.5°	1272.3	1141.0	1019.4	894.0	797.9	707.7	619.5	535.2	439.1	349.0	268.6
-35°	1142.9	1041.0	935.1	829.3	731.2	660.7	584.2	505.8	417.6	331.3	258.8
-37.5°	1027.3	944.9	860.6	770.4	686.2	615.6	550.9	476.4	396.0	315.6	249.0
-40°	927.3	860.6	786.1	713.6	643.0	576.4	517.6	447.0	374.4	303.9	239.2
-42.5°	835.1	784.2	723.4	662.6	599.9	541.1	484.2	415.6	352.9	290.1	229.4
-45°	764.6	713.6	664.6	609.7	556.8	505.8	448.9	388.2	333.3	274.5	219.6
-47.5°	697.9	652.8	607.7	562.6	519.5	472.5	415.6	364.6	311.7	260.7	211.7
-50°	639.1	596.0	556.8	517.6	480.3	435.2	382.3	341.1	294.1	247.0	201.9
-52.5°	584.2	547.0	507.8	476.4	445.0	399.9	356.8	317.6	276.4	231.3	192.1
-55°	535.2	499.9	464.6	435.2	405.8	366.6	331.3	298.0	258.8	219.6	182.3
-57.5°	488.1	458.7	425.4	398.0	368.6	337.2	307.8	276.4	241.1	207.8	172.5
-60°	445.0	417.6	388.2	360.7	335.2	309.7	282.3	256.8	225.4	194.1	162.7
-62.5°	401.9	378.4	352.9	325.4	305.8	282.3	260.7	235.3	209.8	182.3	145.1
-65°	362.7	341.1	317.6	294.1	276.4	258.8	239.2	215.6	194.1	168.6	129.4
-67.5°	323.5	303.9	284.3	264.7	249.0	235.3	215.6	198.0	180.4	152.9	113.7
-70°	286.2	270.5	252.9	237.2	225.4	209.8	196.0	180.4	164.7	133.3	96.1
-72.5°	250.9	235.3	221.5	209.8	200.0	186.2	174.5	162.7	141.2	111.7	80.4
-75°	209.8	200.0	192.1	182.3	172.5	162.7	152.9	139.2	117.6	90.2	62.7
-77.5°	172.5	166.6	160.8	152.9	145.1	137.2	125.5	111.7	94.1	70.6	51.0
-80°	141.2	135.3	131.3	123.5	117.6	109.8	98.0	86.3	68.6	54.9	41.2
-82.5°	107.8	103.9	100.0	96.1	90.2	82.3	70.6	60.8	51.0	41.2	31.4
-85°	76.5	74.5	70.6	66.7	60.8	54.9	47.1	41.2	35.3	27.4	21.6
-87.5°	39.2	37.2	35.3	33.3	31.4	27.4	23.5	19.6	17.6	13.7	9.8
-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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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.8	5.9	2.0	0.0
85°	15.7	9.8	3.9	0.0
82.5°	23.5	15.7	5.9	0.0
80°	31.4	19.6	9.8	0.0
77.5°	39.2	23.5	11.8	0.0
75°	47.1	29.4	13.7	0.0
72.5°	52.9	33.3	15.7	0.0
70°	62.7	39.2	17.6	0.0
67.5°	78.4	43.1	19.6	0.0
65°	92.1	47.1	21.6	0.0
62.5°	107.8	51.0	23.5	0.0
60°	121.5	54.9	25.5	0.0
57.5°	135.3	64.7	27.4	0.0
55°	147.0	72.5	29.4	0.0
52.5°	160.8	80.4	31.4	0.0
50°	172.5	88.2	33.3	0.0
47.5°	182.3	96.1	33.3	0.0
45°	190.2	101.9	35.3	0.0
42.5°	196.0	107.8	37.2	0.0
40°	201.9	113.7	39.2	0.0
37.5°	207.8	119.6	39.2	0.0
35°	213.7	125.5	41.2	0.0
32.5°	219.6	131.3	41.2	0.0
30°	223.5	135.3	43.1	0.0
27.5°	229.4	139.2	43.1	0.0
25°	231.3	143.1	45.1	0.0
22.5°	235.3	145.1	45.1	0.0
20°	239.2	149.0	45.1	0.0
17.5°	241.1	151.0	47.1	0.0
15°	241.1	152.9	49.0	0.0
12.5°	243.1	154.9	49.0	0.0
10°	243.1	158.8	47.1	0.0
7.5°	247.0	156.8	47.1	0.0
5°	245.1	156.8	47.1	0.0
2.5°	243.1	154.9	47.1	0.0
0°	241.1	154.9	47.1	0.0
-2.5°	241.1	154.9	47.1	0.0
-5°	241.1	154.9	47.1	0.0
-7.5°	239.2	156.8	47.1	0.0
-10°	235.3	156.8	47.1	0.0
-12.5°	233.3	151.0	47.1	0.0
-15°	231.3	149.0	47.1	0.0
-17.5°	227.4	147.0	45.1	0.0
-20°	223.5	145.1	45.1	0.0



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CATALOG NUMBER: IFLD-S-SA2E-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	219.6	141.2	45.1	0.0
-25°	215.6	137.2	43.1	0.0
-27.5°	211.7	133.3	43.1	0.0
-30°	205.8	129.4	41.2	0.0
-32.5°	200.0	125.5	41.2	0.0
-35°	196.0	119.6	39.2	0.0
-37.5°	190.2	113.7	39.2	0.0
-40°	184.3	107.8	37.2	0.0
-42.5°	178.4	101.9	35.3	0.0
-45°	170.6	96.1	35.3	0.0
-47.5°	164.7	90.2	33.3	0.0
-50°	154.9	82.3	31.4	0.0
-52.5°	143.1	74.5	29.4	0.0
-55°	131.3	68.6	27.4	0.0
-57.5°	119.6	60.8	27.4	0.0
-60°	107.8	52.9	25.5	0.0
-62.5°	96.1	49.0	23.5	0.0
-65°	84.3	45.1	21.6	0.0
-67.5°	70.6	39.2	19.6	0.0
-70°	58.8	35.3	17.6	0.0
-72.5°	51.0	31.4	15.7	0.0
-75°	43.1	27.4	13.7	0.0
-77.5°	37.2	23.5	11.8	0.0
-80°	29.4	17.6	7.8	0.0
-82.5°	21.6	13.7	5.9	0.0
-85°	13.7	9.8	3.9	0.0
-87.5°	7.8	3.9	2.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)