

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: P722239

Luminaire Tested: **IFLD-M-SA4E-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722239
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 2700K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

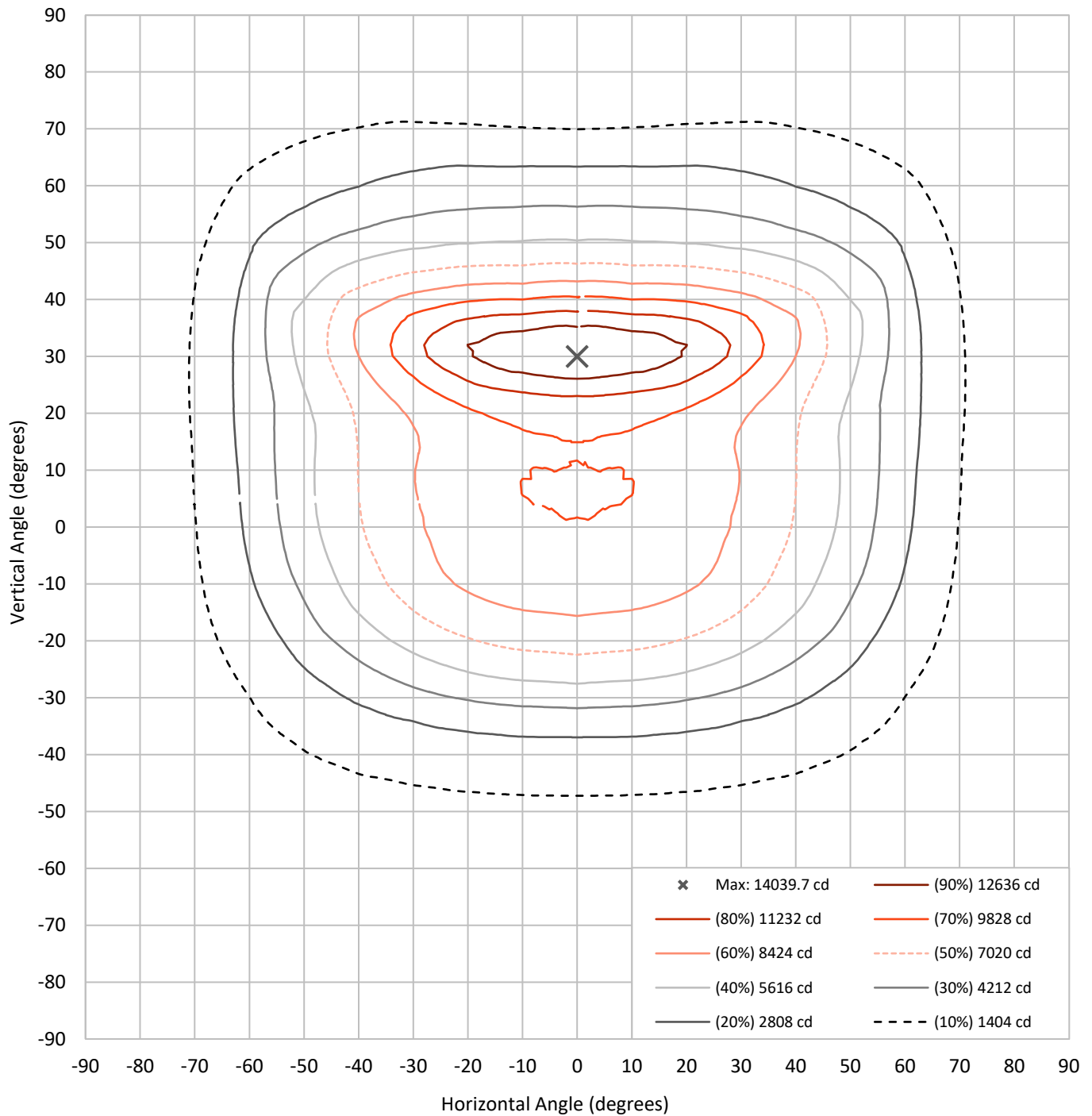
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23435.7 lumens	Max Intensity:	14039.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	74.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13628.1 lumens	Field Lumens:	21962.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 314.8
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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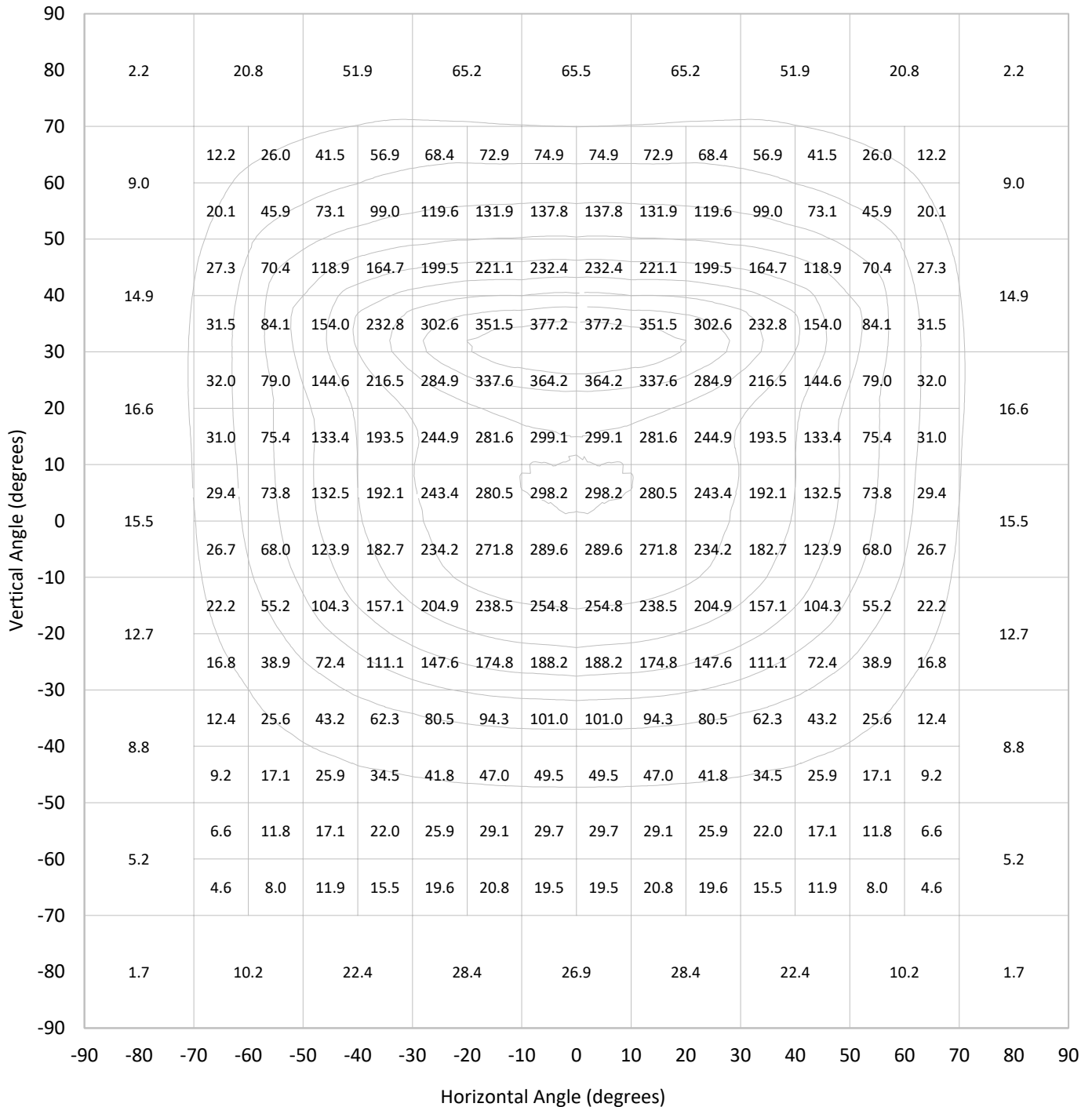
Iso-Candela Plot





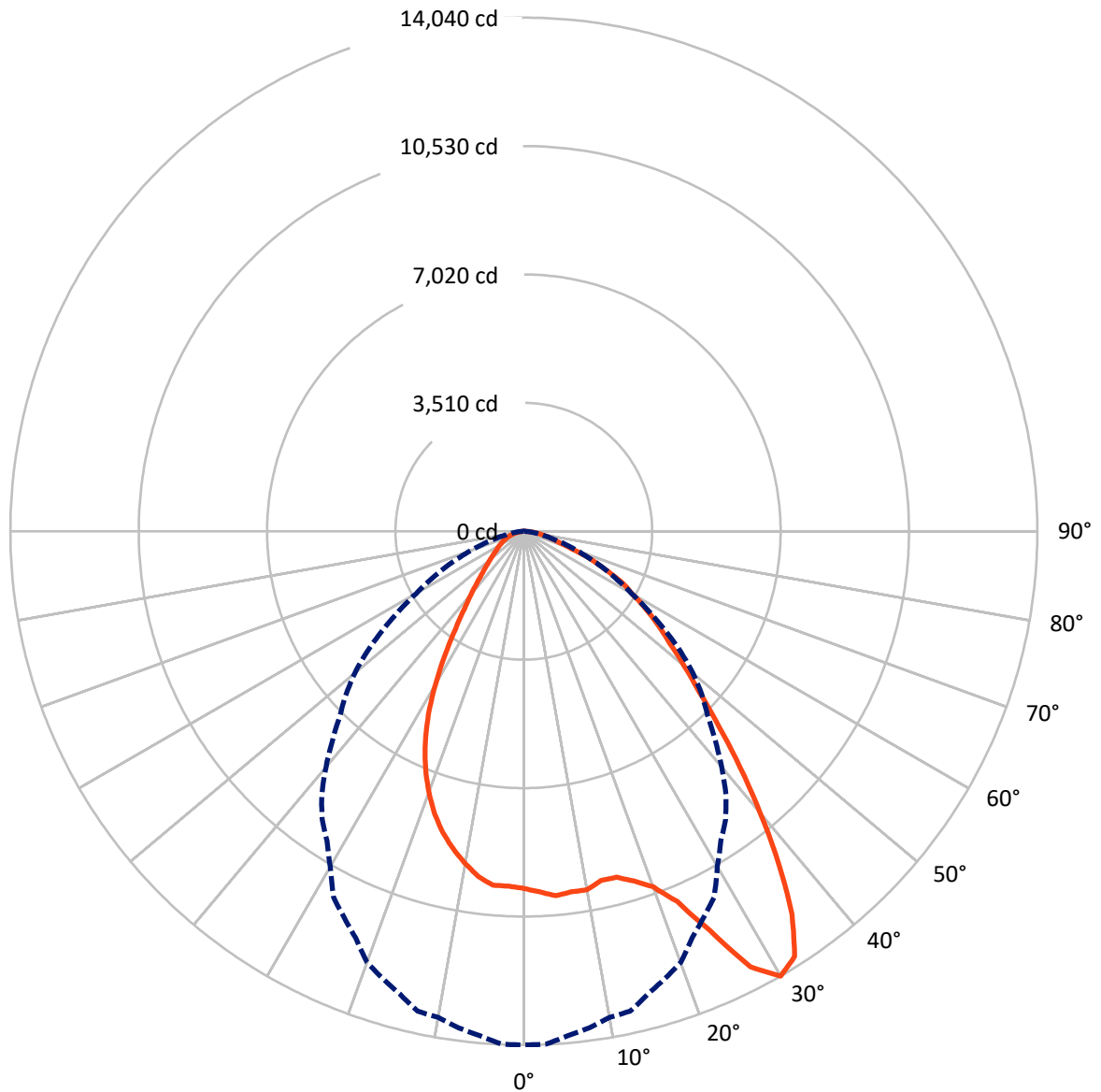
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Lumen Table



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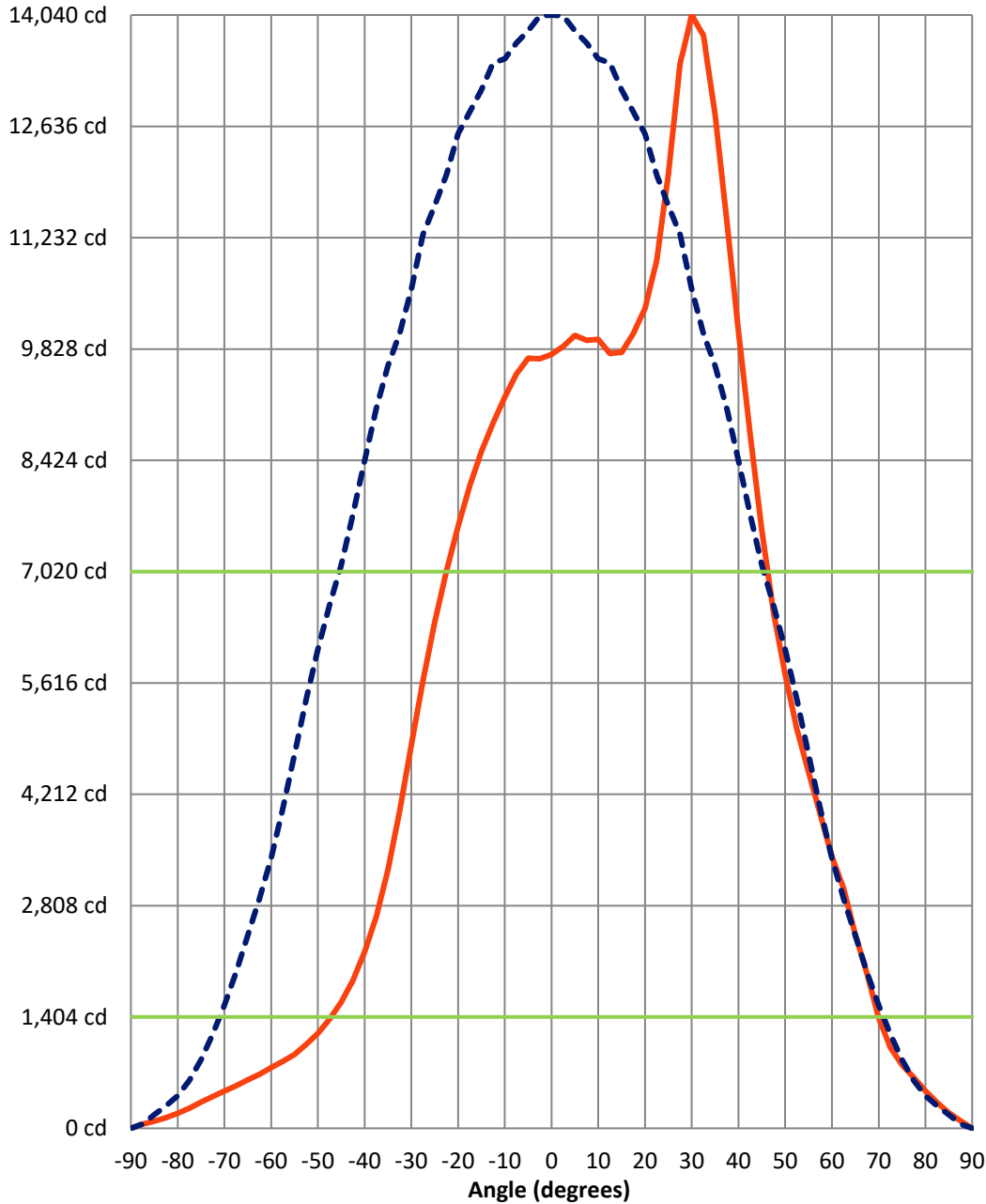
Luminous Intensity Polar Plot



— 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: 13628.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21962.3
 Efficiency: 93.7%

Spill:
 Lumens: 1473.4
 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°	94.3	96.8	99.3	99.3	96.8	96.8	96.8	94.3	96.8	96.8	96.8
85°	196.1	201.1	206.1	203.6	201.1	196.1	191.2	193.7	196.1	198.6	198.6
82.5°	325.2	332.7	337.6	335.2	330.2	325.2	320.3	322.8	327.7	330.2	330.2
80°	471.7	474.2	476.7	481.6	474.2	474.2	471.7	481.6	486.6	491.6	496.5
77.5°	640.5	643.0	643.0	645.5	648.0	650.5	650.5	667.8	680.3	687.7	695.2
75°	799.4	806.9	814.3	821.8	831.7	836.7	844.1	868.9	888.8	903.7	918.6
72.5°	1017.9	1027.8	1040.3	1057.6	1075.0	1087.4	1104.8	1134.6	1156.9	1171.8	1189.2
70°	1392.8	1402.7	1415.1	1427.6	1444.9	1457.3	1474.7	1512.0	1534.3	1544.2	1554.2
67.5°	1948.9	1973.7	1996.1	1971.3	1958.8	1941.5	1946.4	1981.2	2003.5	2018.4	2016.0
65°	2443.0	2460.4	2460.4	2457.9	2447.9	2425.6	2438.0	2480.2	2505.0	2517.5	2480.2
62.5°	3023.9	3023.9	3011.5	3031.4	3033.9	3019.0	3011.5	3014.0	3016.5	3023.9	2961.9
60°	3426.1	3450.9	3458.4	3475.8	3480.7	3480.7	3493.2	3503.1	3503.1	3488.2	3416.2
57.5°	3957.4	4004.6	4014.5	4002.1	3977.3	3945.0	3940.0	3925.1	3895.4	3865.6	3830.8
55°	4493.7	4518.5	4516.0	4508.6	4483.8	4446.5	4451.5	4431.6	4384.4	4347.2	4300.0
52.5°	5032.4	5092.0	5101.9	5087.0	5052.3	5012.6	5015.0	4992.7	4945.5	4905.8	4841.3
50°	5720.1	5769.8	5764.8	5740.0	5690.3	5660.5	5663.0	5620.8	5566.2	5553.8	5469.4
47.5°	6507.1	6564.3	6554.3	6519.6	6452.5	6440.1	6452.5	6397.9	6365.6	6338.3	6239.0
45°	7540.0	7607.0	7569.7	7502.7	7396.0	7408.4	7425.7	7415.8	7346.3	7274.3	7147.7
42.5°	8751.5	8793.7	8749.0	8682.0	8547.9	8572.8	8562.8	8503.2	8461.0	8341.9	8180.5
40°	10047.5	10139.3	10069.8	9965.5	9826.5	9863.8	9836.4	9759.5	9660.2	9511.2	9307.6
37.5°	11445.2	11517.2	11437.8	11316.1	11192.0	11179.6	11125.0	11005.8	10864.3	10700.4	10375.2
35°	12783.4	12969.6	12823.1	12629.5	12478.0	12420.9	12368.8	12093.2	11931.8	11666.2	11221.8
32.5°	13779.0	13915.5	13734.3	13533.2	13349.5	13270.0	13086.3	12758.6	12671.7	12113.1	11705.9
30°	14039.7	14029.7	13841.0	13687.1	13488.5	13433.9	13096.2	12818.2	12540.1	12023.7	11636.4
27.5°	13419.0	13356.9	13175.7	13041.6	12845.5	12780.9	12448.2	12299.3	11869.8	11432.8	11105.1
25°	12036.1	12068.4	11931.8	11864.8	11735.7	11596.7	11465.1	11264.0	10995.9	10613.5	10313.1
22.5°	10946.2	10988.4	10931.3	10851.9	10752.6	10675.6	10576.3	10419.9	10161.7	9925.8	9642.8
20°	10340.4	10328.0	10278.4	10218.8	10124.4	10069.8	9960.6	9829.0	9630.4	9426.8	9121.4
17.5°	10022.6	9945.7	9898.5	9876.2	9826.5	9757.0	9627.9	9493.8	9339.9	9109.0	8885.6
15°	9786.8	9799.2	9762.0	9744.6	9704.9	9608.0	9476.5	9367.2	9158.7	9042.0	8838.4
12.5°	9771.9	9759.5	9762.0	9754.5	9704.9	9580.7	9513.7	9374.7	9240.6	9086.7	8853.3
10°	9948.2	9816.6	9826.5	9861.3	9781.8	9682.5	9610.5	9459.1	9332.5	9136.3	8905.4
7.5°	9938.2	9871.2	9891.1	9834.0	9858.8	9737.1	9637.8	9486.4	9327.5	9118.9	8910.4
5°	9997.8	9896.0	9878.7	9883.6	9821.5	9729.7	9595.6	9451.6	9302.7	9069.3	8855.8
2.5°	9861.3	9876.2	9796.7	9766.9	9759.5	9605.6	9481.4	9342.4	9188.5	8982.4	8791.2
0°	9759.5	9786.8	9704.9	9662.7	9660.2	9528.6	9449.1	9290.3	9181.0	9009.7	8778.8
-2.5°	9704.9	9737.1	9747.1	9670.1	9595.6	9493.8	9359.8	9188.5	9009.7	8811.1	8612.5
-5°	9709.8	9645.3	9618.0	9642.8	9578.2	9476.5	9327.5	9176.0	8999.8	8786.3	8538.0
-7.5°	9513.7	9449.1	9444.2	9431.8	9416.9	9320.0	9195.9	9032.1	8853.3	8654.7	8423.8
-10°	9220.7	9173.6	9161.2	9148.7	9109.0	9051.9	8935.2	8786.3	8624.9	8426.3	8180.5
-12.5°	8895.5	8873.2	8826.0	8793.7	8754.0	8687.0	8575.2	8438.7	8277.3	8101.0	7890.0
-15°	8535.5	8493.3	8446.1	8418.8	8361.7	8282.3	8170.6	8043.9	7867.7	7693.9	7495.3
-17.5°	8101.0	8048.9	7996.8	7989.3	7949.6	7827.9	7723.7	7569.7	7415.8	7249.5	7055.8
-20°	7589.6	7517.6	7482.8	7463.0	7408.4	7319.0	7207.3	7065.8	6916.8	6757.9	6534.5



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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°	7023.5	6961.5	6901.9	6864.7	6817.5	6748.0	6641.2	6517.1	6370.6	6191.8	5985.8
-25°	6380.5	6293.6	6256.4	6214.2	6189.4	6124.8	6020.5	5906.3	5754.9	5581.1	5385.0
-27.5°	5645.7	5576.1	5556.3	5496.7	5466.9	5399.9	5313.0	5206.2	5067.2	4903.3	4742.0
-30°	4833.8	4791.6	4759.3	4699.7	4677.4	4605.4	4548.3	4458.9	4332.3	4215.6	4086.5
-32.5°	3999.6	3957.4	3947.5	3920.2	3905.3	3858.1	3793.6	3729.0	3627.2	3540.3	3436.1
-35°	3259.8	3230.0	3232.5	3230.0	3215.1	3180.3	3100.9	3083.5	3009.0	2929.6	2862.5
-37.5°	2668.9	2671.4	2668.9	2666.4	2646.6	2631.7	2574.6	2552.2	2507.5	2430.6	2390.8
-40°	2224.5	2229.5	2227.0	2222.0	2199.7	2192.2	2155.0	2125.2	2107.8	2053.2	2011.0
-42.5°	1864.5	1872.0	1869.5	1867.0	1852.1	1849.6	1829.7	1795.0	1785.1	1752.8	1708.1
-45°	1591.4	1588.9	1584.0	1588.9	1581.5	1574.0	1561.6	1539.3	1526.9	1512.0	1474.7
-47.5°	1375.4	1377.9	1372.9	1372.9	1363.0	1355.6	1350.6	1335.7	1325.8	1313.3	1291.0
-50°	1196.7	1206.6	1204.1	1201.6	1194.2	1189.2	1189.2	1174.3	1159.4	1154.5	1139.6
-52.5°	1057.6	1065.1	1067.6	1072.5	1075.0	1077.5	1070.0	1055.1	1030.3	1027.8	1020.4
-55°	931.0	953.4	968.3	978.2	988.1	995.6	980.7	960.8	936.0	926.0	923.6
-57.5°	844.1	866.5	883.8	898.7	911.1	923.6	908.7	888.8	866.5	854.0	851.6
-60°	764.7	784.5	801.9	821.8	839.2	859.0	851.6	836.7	824.3	814.3	804.4
-62.5°	680.3	700.1	720.0	744.8	767.2	787.0	789.5	787.0	784.5	787.0	769.6
-65°	610.7	620.7	633.1	660.4	685.2	707.6	720.0	727.4	739.8	752.3	734.9
-67.5°	536.3	548.7	563.6	583.4	603.3	618.2	635.6	655.4	675.3	695.2	682.7
-70°	469.2	479.2	491.6	501.5	513.9	523.8	538.7	561.1	583.4	603.3	598.3
-72.5°	399.7	409.6	417.1	422.1	429.5	434.5	441.9	461.8	476.7	486.6	486.6
-75°	330.2	340.1	347.6	350.1	355.0	357.5	362.5	369.9	377.4	379.9	382.3
-77.5°	253.2	263.2	270.6	275.6	280.5	285.5	288.0	293.0	295.4	295.4	297.9
-80°	188.7	196.1	201.1	208.5	211.0	216.0	221.0	223.4	225.9	225.9	228.4
-82.5°	134.1	139.0	144.0	149.0	153.9	156.4	161.4	163.9	166.3	168.8	171.3
-85°	89.4	94.3	99.3	104.3	106.8	109.2	111.7	114.2	116.7	119.2	121.7
-87.5°	52.1	54.6	57.1	62.1	64.6	69.5	72.0	69.5	72.0	72.0	72.0
-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°	96.8	96.8	96.8	96.8	94.3	89.4	86.9	81.9	77.0	72.0	67.0
85°	201.1	203.6	203.6	203.6	198.6	196.1	188.7	181.2	171.3	156.4	144.0
82.5°	335.2	337.6	337.6	335.2	330.2	322.8	312.8	300.4	280.5	260.7	243.3
80°	504.0	506.5	506.5	504.0	491.6	479.2	466.7	451.9	427.0	399.7	369.9
77.5°	705.1	710.1	710.1	702.6	685.2	670.3	650.5	625.6	588.4	548.7	509.0
75°	938.5	950.9	953.4	945.9	923.6	896.3	864.0	821.8	764.7	715.0	667.8
72.5°	1209.1	1221.5	1231.4	1221.5	1189.2	1152.0	1104.8	1055.1	998.0	931.0	851.6
70°	1564.1	1576.5	1584.0	1551.7	1494.6	1432.5	1375.4	1318.3	1251.3	1169.4	1082.5
67.5°	2011.0	1998.6	1983.7	1919.1	1847.1	1772.6	1693.2	1608.8	1521.9	1435.0	1333.2
65°	2440.5	2405.7	2373.5	2296.5	2204.6	2107.8	2016.0	1921.6	1817.3	1708.1	1611.3
62.5°	2892.3	2817.9	2738.4	2644.1	2549.7	2443.0	2351.1	2239.4	2122.7	1988.6	1864.5
60°	3336.7	3247.4	3167.9	3051.2	2927.1	2783.1	2683.8	2574.6	2438.0	2294.0	2147.5
57.5°	3766.3	3669.4	3582.5	3480.7	3346.7	3190.3	3081.0	2939.5	2795.5	2614.3	2465.3
55°	4223.1	4126.2	4056.7	3942.5	3796.0	3652.0	3532.9	3383.9	3182.8	2989.2	2805.4
52.5°	4746.9	4670.0	4595.5	4478.8	4302.5	4156.0	4024.5	3858.1	3647.1	3408.7	3187.8
50°	5332.8	5293.1	5213.7	5077.1	4876.0	4746.9	4573.1	4352.2	4126.2	3875.5	3599.9
47.5°	6109.9	6045.4	5933.6	5784.7	5615.9	5422.2	5188.8	4930.6	4610.4	4332.3	4039.3
45°	7038.4	6919.3	6775.3	6574.2	6365.6	6147.2	5891.4	5563.7	5134.2	4771.7	4463.9
42.5°	8043.9	7882.6	7686.4	7423.3	7152.7	6884.5	6608.9	6162.1	5625.8	5208.7	4861.1
40°	9094.1	8888.1	8642.3	8259.9	7959.5	7614.4	7299.1	6631.3	6060.3	5608.4	5238.5
37.5°	10122.0	9861.3	9449.1	8984.9	8634.8	8351.8	7659.1	6944.1	6432.7	5936.1	5561.2
35°	10909.0	10688.0	9960.6	9478.9	9178.5	8731.6	7865.2	7132.8	6591.6	6179.4	5596.0
32.5°	11375.7	10804.7	10166.6	9680.0	9431.8	8699.4	7880.1	7187.4	6666.0	6204.3	5506.6
30°	11271.4	10581.3	10022.6	9615.5	9076.7	8418.8	7741.0	7103.0	6596.5	6037.9	5407.3
27.5°	10643.3	10109.5	9610.5	9186.0	8657.2	8066.3	7440.6	6879.6	6407.8	5866.6	5270.8
25°	9933.3	9449.1	9079.2	8709.3	8207.8	7644.2	7093.1	6688.4	6214.2	5680.4	5092.0
22.5°	9280.3	8932.7	8642.3	8255.0	7765.9	7274.3	6931.7	6512.1	6025.5	5484.3	4908.3
20°	8863.2	8627.4	8294.7	7867.7	7482.8	7175.0	6795.1	6350.7	5849.2	5283.2	4751.9
17.5°	8662.1	8389.0	8019.1	7741.0	7445.6	7108.0	6683.4	6211.7	5677.9	5191.3	4769.3
15°	8557.9	8269.9	8026.6	7753.5	7420.8	7065.8	6594.0	6105.0	5677.9	5228.6	4781.7
12.5°	8580.2	8331.9	8066.3	7768.4	7410.9	7031.0	6604.0	6149.6	5707.7	5255.9	4784.2
10°	8649.7	8389.0	8106.0	7775.8	7415.8	7040.9	6631.3	6177.0	5722.6	5268.3	4779.2
7.5°	8674.5	8391.5	8088.6	7755.9	7403.4	7036.0	6636.2	6184.4	5725.1	5265.8	4764.3
5°	8597.6	8341.9	8048.9	7713.7	7368.6	7011.1	6616.4	6174.5	5705.2	5241.0	4727.1
2.5°	8493.3	8287.2	8006.7	7683.9	7333.9	6976.4	6584.1	6129.8	5660.5	5196.3	4679.9
0°	8475.9	8220.2	7937.2	7649.2	7276.8	6899.4	6509.6	6045.4	5578.6	5111.9	4598.0
-2.5°	8361.7	8091.1	7808.1	7495.3	7167.5	6787.7	6378.0	5923.7	5461.9	5002.6	4508.6
-5°	8274.8	7974.4	7674.0	7336.4	7006.2	6626.3	6201.8	5759.9	5308.0	4861.1	4384.4
-7.5°	8158.1	7850.3	7535.0	7182.4	6824.9	6437.6	6018.1	5576.1	5131.7	4687.3	4230.5
-10°	7922.3	7651.7	7356.2	6991.3	6613.9	6226.6	5809.5	5375.0	4930.6	4481.3	4022.0
-12.5°	7636.8	7351.3	7028.5	6693.4	6355.7	5995.7	5578.6	5151.6	4704.7	4252.9	3796.0
-15°	7266.9	6986.3	6656.1	6328.4	6003.2	5658.1	5290.6	4905.8	4451.5	4007.1	3550.3
-17.5°	6805.1	6541.9	6246.5	5933.6	5610.9	5263.3	4905.8	4580.6	4156.0	3738.9	3287.1
-20°	6308.5	6062.7	5797.1	5501.7	5178.9	4838.8	4501.1	4161.0	3793.6	3426.1	3006.5



REPORT NUMBER: P722239
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5792.1	5543.9	5275.7	5000.2	4702.2	4386.9	4074.1	3748.9	3426.1	3093.4	2738.4
-25°	5196.3	4977.8	4732.0	4463.9	4198.2	3922.7	3624.7	3329.3	3053.7	2765.7	2475.2
-27.5°	4573.1	4372.0	4148.6	3915.2	3686.8	3455.9	3197.7	2924.6	2696.2	2457.9	2217.0
-30°	3917.7	3756.3	3575.1	3371.5	3195.2	3009.0	2793.0	2567.1	2358.6	2177.3	1983.7
-32.5°	3297.0	3160.5	3031.4	2897.3	2723.5	2579.5	2430.6	2264.2	2080.5	1909.2	1770.2
-35°	2763.2	2616.8	2562.1	2462.8	2338.7	2212.1	2102.8	1983.7	1844.6	1693.2	1579.0
-37.5°	2313.9	2227.0	2150.0	2095.4	2013.5	1911.7	1824.8	1737.9	1631.1	1516.9	1402.7
-40°	1963.8	1904.2	1819.8	1792.5	1740.4	1670.9	1581.5	1514.4	1442.4	1355.6	1258.7
-42.5°	1683.3	1638.6	1584.0	1536.8	1514.4	1464.8	1395.3	1330.7	1273.6	1214.0	1139.6
-45°	1452.4	1422.6	1387.8	1345.6	1328.2	1288.5	1238.9	1166.9	1134.6	1084.9	1030.3
-47.5°	1266.2	1251.3	1226.5	1199.1	1174.3	1144.5	1099.8	1055.1	1010.5	978.2	936.0
-50°	1119.7	1109.8	1094.9	1072.5	1040.3	1020.4	990.6	950.9	908.7	881.4	851.6
-52.5°	1003.0	993.1	983.1	965.8	940.9	921.1	896.3	864.0	829.2	801.9	777.1
-55°	913.6	898.7	891.3	876.4	856.5	834.2	811.8	789.5	759.7	734.9	710.1
-57.5°	844.1	824.3	814.3	801.9	782.0	759.7	742.3	720.0	700.1	672.8	650.5
-60°	789.5	767.2	747.3	734.9	717.5	695.2	677.8	660.4	640.5	618.2	590.9
-62.5°	744.8	717.5	690.2	675.3	657.9	638.1	620.7	603.3	583.4	561.1	536.3
-65°	702.6	670.3	635.6	620.7	603.3	583.4	561.1	548.7	531.3	511.4	486.6
-67.5°	650.5	615.7	585.9	568.5	551.2	533.8	513.9	501.5	484.1	459.3	434.5
-70°	573.5	551.2	531.3	516.4	501.5	486.6	466.7	446.9	427.0	404.7	382.3
-72.5°	476.7	469.2	466.7	459.3	441.9	424.5	404.7	384.8	367.4	350.1	332.7
-75°	384.8	389.8	394.7	392.3	374.9	357.5	340.1	322.8	310.3	295.4	280.5
-77.5°	305.4	310.3	315.3	315.3	302.9	293.0	280.5	268.1	258.2	245.8	230.9
-80°	235.9	243.3	250.8	255.7	245.8	238.3	228.4	218.5	208.5	198.6	188.7
-82.5°	178.8	186.2	193.7	198.6	191.2	186.2	178.8	171.3	163.9	153.9	146.5
-85°	129.1	134.1	139.0	141.5	136.5	131.6	126.6	121.7	116.7	109.2	104.3
-87.5°	74.5	77.0	79.4	81.9	77.0	72.0	69.5	64.6	62.1	57.1	54.6
-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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 CATALOG NUMBER: IFLD-M-SA4E-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°	62.1	57.1	52.1	49.7	44.7	37.2	32.3	27.3	22.3	17.4	14.9
85°	131.6	119.2	104.3	96.8	86.9	77.0	67.0	57.1	47.2	37.2	27.3
82.5°	225.9	211.0	196.1	178.8	156.4	129.1	101.8	84.4	69.5	54.6	42.2
80°	340.1	312.8	288.0	265.6	240.8	206.1	168.8	134.1	94.3	72.0	54.6
77.5°	471.7	439.4	404.7	367.4	327.7	280.5	238.3	193.7	146.5	99.3	69.5
75°	620.7	578.5	531.3	479.2	427.0	365.0	305.4	253.2	198.6	139.0	84.4
72.5°	787.0	734.9	677.8	608.3	526.3	454.3	382.3	312.8	248.3	176.3	114.2
70°	1000.5	918.6	834.2	759.7	655.4	541.2	456.8	377.4	295.4	216.0	144.0
67.5°	1228.9	1129.6	1027.8	918.6	787.0	652.9	531.3	441.9	345.1	253.2	171.3
65°	1477.2	1353.1	1224.0	1102.3	921.1	762.2	625.6	504.0	392.3	288.0	198.6
62.5°	1732.9	1586.4	1437.5	1278.6	1070.0	873.9	715.0	573.5	437.0	320.3	223.4
60°	2006.0	1834.7	1653.5	1454.9	1211.6	995.6	799.4	645.5	484.1	352.5	250.8
57.5°	2294.0	2107.8	1894.3	1626.2	1358.0	1112.2	896.3	710.1	526.3	382.3	270.6
55°	2606.8	2393.3	2159.9	1804.9	1502.0	1228.9	993.1	774.6	571.0	407.2	290.5
52.5°	2944.5	2696.2	2400.8	1993.6	1653.5	1348.1	1082.5	831.7	613.2	434.5	307.9
50°	3321.8	3009.0	2611.8	2167.4	1785.1	1459.8	1171.8	893.8	648.0	464.3	322.8
47.5°	3714.1	3376.5	2800.5	2328.8	1919.1	1569.1	1263.7	948.4	682.7	489.1	337.6
45°	4123.8	3632.2	2996.6	2472.8	2035.8	1668.4	1333.2	998.0	724.9	511.4	350.1
42.5°	4528.4	3825.8	3167.9	2616.8	2145.1	1757.7	1390.3	1045.2	759.7	533.8	362.5
40°	4719.6	3972.3	3304.5	2716.1	2236.9	1837.2	1440.0	1087.4	789.5	548.7	374.9
37.5°	4799.1	4061.7	3393.8	2810.4	2308.9	1879.4	1482.2	1124.7	814.3	563.6	384.8
35°	4816.4	4094.0	3438.5	2875.0	2368.5	1919.1	1514.4	1152.0	834.2	578.5	394.7
32.5°	4784.2	4084.0	3450.9	2897.3	2405.7	1948.9	1536.8	1171.8	849.1	593.4	404.7
30°	4712.2	4031.9	3406.3	2894.8	2433.0	1966.3	1551.7	1186.7	864.0	603.3	409.6
27.5°	4595.5	3940.0	3349.2	2897.3	2447.9	1973.7	1559.1	1194.2	873.9	610.7	419.6
25°	4451.5	3815.9	3351.6	2892.3	2450.4	1976.2	1559.1	1194.2	876.4	613.2	427.0
22.5°	4285.1	3815.9	3351.6	2884.9	2435.5	1971.3	1551.7	1189.2	876.4	618.2	434.5
20°	4295.1	3818.4	3344.2	2870.0	2413.2	1956.4	1534.3	1176.8	868.9	625.6	439.4
17.5°	4302.5	3813.4	3329.3	2850.1	2383.4	1931.5	1512.0	1159.4	868.9	633.1	441.9
15°	4302.5	3798.5	3307.0	2820.3	2346.1	1896.8	1479.7	1144.5	871.4	635.6	446.9
12.5°	4295.1	3771.2	3272.2	2780.6	2301.5	1854.6	1459.8	1139.6	871.4	638.1	446.9
10°	4280.2	3734.0	3227.5	2731.0	2259.3	1839.7	1449.9	1129.6	866.5	638.1	446.9
7.5°	4252.9	3689.3	3190.3	2701.2	2234.4	1822.3	1435.0	1114.7	859.0	633.1	451.9
5°	4210.7	3664.5	3160.5	2666.4	2199.7	1809.9	1425.1	1102.3	854.0	633.1	446.9
2.5°	4156.0	3634.7	3125.7	2621.7	2159.9	1767.7	1392.8	1075.0	836.7	623.2	441.9
0°	4066.7	3575.1	3066.1	2559.7	2105.3	1725.5	1360.5	1047.7	819.3	613.2	437.0
-2.5°	3984.7	3495.6	2989.2	2495.1	2053.2	1688.2	1335.7	1032.8	811.8	610.7	434.5
-5°	3870.5	3386.4	2887.4	2410.7	1983.7	1651.0	1310.9	1015.4	804.4	605.8	434.5
-7.5°	3743.9	3272.2	2780.6	2323.8	1914.2	1586.4	1263.7	988.1	787.0	595.8	432.0
-10°	3547.8	3100.9	2646.6	2224.5	1839.7	1529.3	1224.0	963.3	772.1	585.9	422.1
-12.5°	3339.2	2912.2	2492.6	2102.8	1755.3	1469.8	1179.3	936.0	754.7	576.0	417.1
-15°	3118.3	2718.6	2331.3	1976.2	1663.4	1397.8	1132.1	906.2	737.4	563.6	409.6
-17.5°	2887.4	2515.0	2164.9	1847.1	1571.5	1323.3	1082.5	878.9	717.5	551.2	402.2
-20°	2644.1	2306.4	1996.1	1715.5	1474.7	1248.8	1030.3	846.6	695.2	536.3	392.3



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CATALOG NUMBER: IFLD-M-SA4E-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2403.3	2100.4	1822.3	1586.4	1375.4	1171.8	978.2	814.3	670.3	518.9	384.8
-25°	2189.7	1906.7	1668.4	1462.3	1278.6	1097.4	923.6	782.0	643.0	501.5	374.9
-27.5°	1981.2	1740.4	1516.9	1345.6	1184.2	1025.4	871.4	747.3	615.7	481.6	365.0
-30°	1787.5	1581.5	1397.8	1231.4	1094.9	960.8	826.7	712.5	585.9	461.8	352.5
-32.5°	1611.3	1444.9	1291.0	1132.1	1010.5	896.3	784.5	677.8	556.1	441.9	340.1
-35°	1447.4	1318.3	1184.2	1050.2	926.0	836.7	739.8	640.5	528.8	419.6	327.7
-37.5°	1300.9	1196.7	1089.9	975.7	868.9	779.6	697.6	603.3	501.5	399.7	315.3
-40°	1174.3	1089.9	995.6	903.7	814.3	729.9	655.4	566.1	474.2	384.8	302.9
-42.5°	1057.6	993.1	916.1	839.2	759.7	685.2	613.2	526.3	446.9	367.4	290.5
-45°	968.3	903.7	841.6	772.1	705.1	640.5	568.5	491.6	422.1	347.6	278.1
-47.5°	883.8	826.7	769.6	712.5	657.9	598.3	526.3	461.8	394.7	330.2	268.1
-50°	809.4	754.7	705.1	655.4	608.3	551.2	484.1	432.0	372.4	312.8	255.7
-52.5°	739.8	692.7	643.0	603.3	563.6	506.5	451.9	402.2	350.1	293.0	243.3
-55°	677.8	633.1	588.4	551.2	513.9	464.3	419.6	377.4	327.7	278.1	230.9
-57.5°	618.2	581.0	538.7	504.0	466.7	427.0	389.8	350.1	305.4	263.2	218.5
-60°	563.6	528.8	491.6	456.8	424.5	392.3	357.5	325.2	285.5	245.8	206.1
-62.5°	509.0	479.2	446.9	412.1	387.3	357.5	330.2	297.9	265.6	230.9	183.7
-65°	459.3	432.0	402.2	372.4	350.1	327.7	302.9	273.1	245.8	213.5	163.9
-67.5°	409.6	384.8	360.0	335.2	315.3	297.9	273.1	250.8	228.4	193.7	144.0
-70°	362.5	342.6	320.3	300.4	285.5	265.6	248.3	228.4	208.5	168.8	121.7
-72.5°	317.8	297.9	280.5	265.6	253.2	235.9	221.0	206.1	178.8	141.5	101.8
-75°	265.6	253.2	243.3	230.9	218.5	206.1	193.7	176.3	149.0	114.2	79.4
-77.5°	218.5	211.0	203.6	193.7	183.7	173.8	158.9	141.5	119.2	89.4	64.6
-80°	178.8	171.3	166.3	156.4	149.0	139.0	124.1	109.2	86.9	69.5	52.1
-82.5°	136.5	131.6	126.6	121.7	114.2	104.3	89.4	77.0	64.6	52.1	39.7
-85°	96.8	94.3	89.4	84.4	77.0	69.5	59.6	52.1	44.7	34.8	27.3
-87.5°	49.7	47.2	44.7	42.2	39.7	34.8	29.8	24.8	22.3	17.4	12.4
-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°	9.9	7.4	2.5	0.0
85°	19.9	12.4	5.0	0.0
82.5°	29.8	19.9	7.4	0.0
80°	39.7	24.8	12.4	0.0
77.5°	49.7	29.8	14.9	0.0
75°	59.6	37.2	17.4	0.0
72.5°	67.0	42.2	19.9	0.0
70°	79.4	49.7	22.3	0.0
67.5°	99.3	54.6	24.8	0.0
65°	116.7	59.6	27.3	0.0
62.5°	136.5	64.6	29.8	0.0
60°	153.9	69.5	32.3	0.0
57.5°	171.3	81.9	34.8	0.0
55°	186.2	91.9	37.2	0.0
52.5°	203.6	101.8	39.7	0.0
50°	218.5	111.7	42.2	0.0
47.5°	230.9	121.7	42.2	0.0
45°	240.8	129.1	44.7	0.0
42.5°	248.3	136.5	47.2	0.0
40°	255.7	144.0	49.7	0.0
37.5°	263.2	151.4	49.7	0.0
35°	270.6	158.9	52.1	0.0
32.5°	278.1	166.3	52.1	0.0
30°	283.0	171.3	54.6	0.0
27.5°	290.5	176.3	54.6	0.0
25°	293.0	181.2	57.1	0.0
22.5°	297.9	183.7	57.1	0.0
20°	302.9	188.7	57.1	0.0
17.5°	305.4	191.2	59.6	0.0
15°	305.4	193.7	62.1	0.0
12.5°	307.9	196.1	62.1	0.0
10°	307.9	201.1	59.6	0.0
7.5°	312.8	198.6	59.6	0.0
5°	310.3	198.6	59.6	0.0
2.5°	307.9	196.1	59.6	0.0
0°	305.4	196.1	59.6	0.0
-2.5°	305.4	196.1	59.6	0.0
-5°	305.4	196.1	59.6	0.0
-7.5°	302.9	198.6	59.6	0.0
-10°	297.9	198.6	59.6	0.0
-12.5°	295.4	191.2	59.6	0.0
-15°	293.0	188.7	59.6	0.0
-17.5°	288.0	186.2	57.1	0.0
-20°	283.0	183.7	57.1	0.0



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CATALOG NUMBER: IFLD-M-SA4E-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	278.1	178.8	57.1	0.0
-25°	273.1	173.8	54.6	0.0
-27.5°	268.1	168.8	54.6	0.0
-30°	260.7	163.9	52.1	0.0
-32.5°	253.2	158.9	52.1	0.0
-35°	248.3	151.4	49.7	0.0
-37.5°	240.8	144.0	49.7	0.0
-40°	233.4	136.5	47.2	0.0
-42.5°	225.9	129.1	44.7	0.0
-45°	216.0	121.7	44.7	0.0
-47.5°	208.5	114.2	42.2	0.0
-50°	196.1	104.3	39.7	0.0
-52.5°	181.2	94.3	37.2	0.0
-55°	166.3	86.9	34.8	0.0
-57.5°	151.4	77.0	34.8	0.0
-60°	136.5	67.0	32.3	0.0
-62.5°	121.7	62.1	29.8	0.0
-65°	106.8	57.1	27.3	0.0
-67.5°	89.4	49.7	24.8	0.0
-70°	74.5	44.7	22.3	0.0
-72.5°	64.6	39.7	19.9	0.0
-75°	54.6	34.8	17.4	0.0
-77.5°	47.2	29.8	14.9	0.0
-80°	37.2	22.3	9.9	0.0
-82.5°	27.3	17.4	7.4	0.0
-85°	17.4	12.4	5.0	0.0
-87.5°	9.9	5.0	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)