

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: P722149

Luminaire Tested: **IFLD-M-SA4B-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722149
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

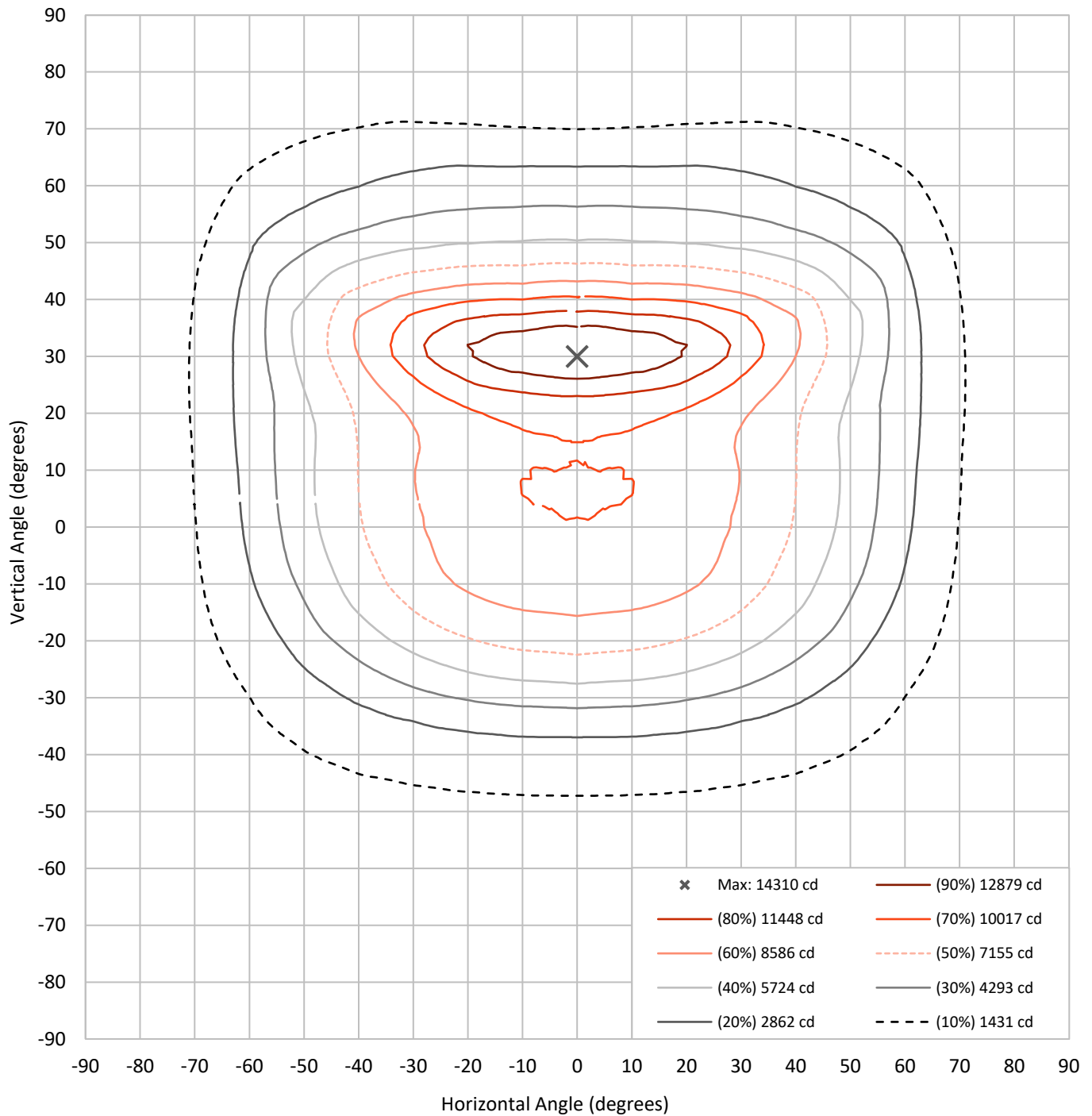
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23887 lumens	Max Intensity:	14310 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	143.8 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:	13890.5 lumens	Field Lumens:	22385.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	166.1		
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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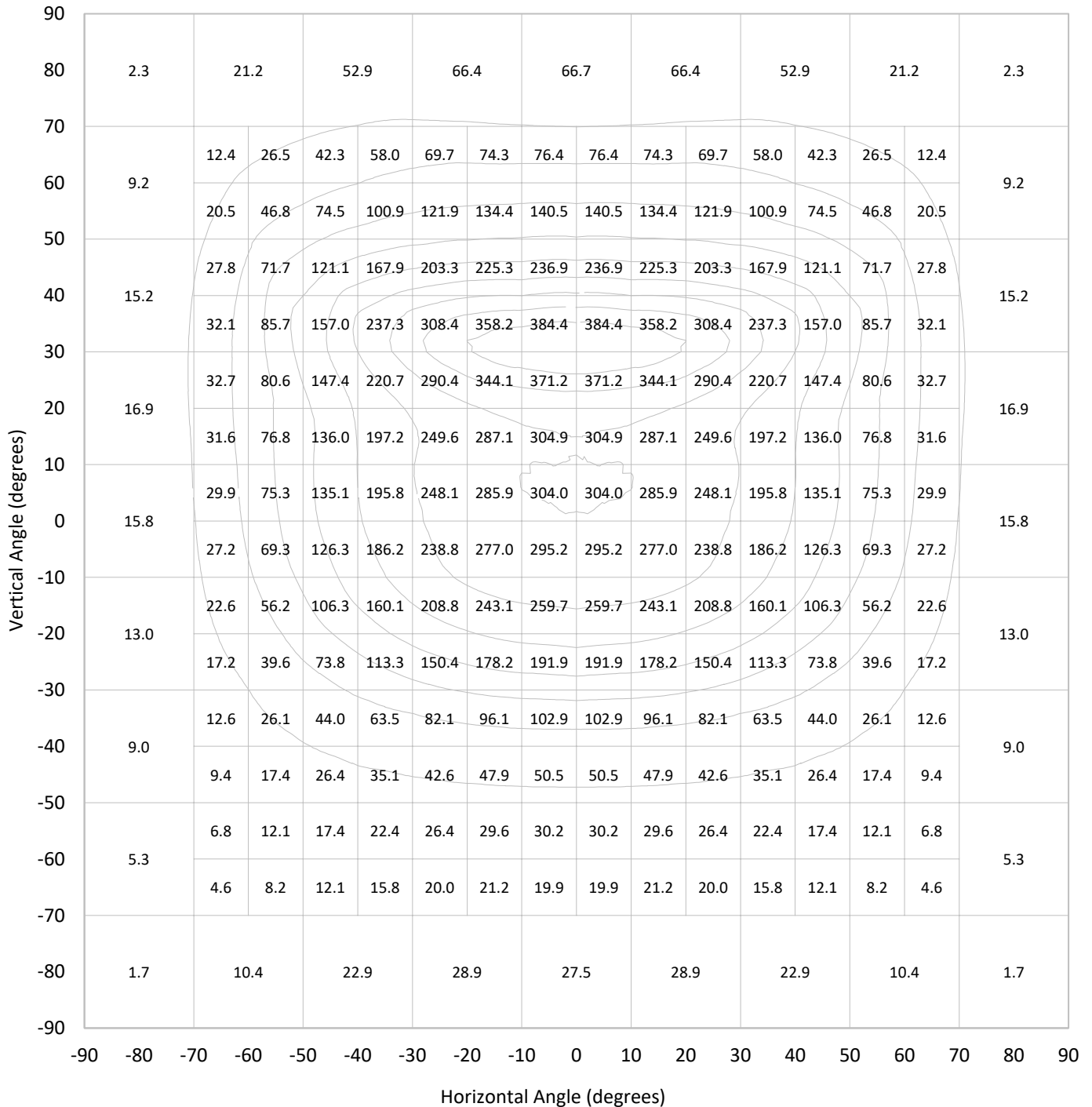
Iso-Candela Plot





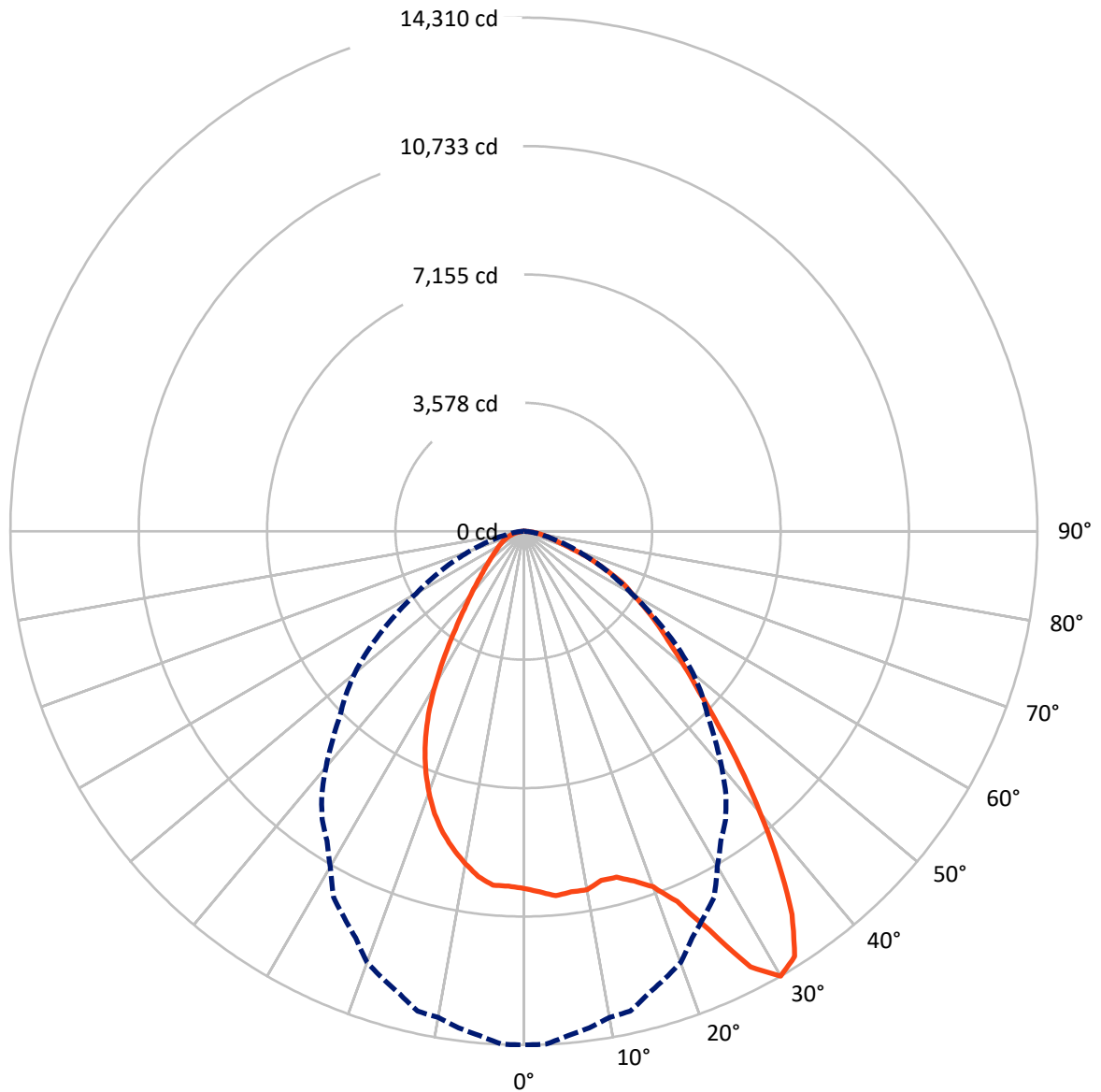
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Lumen Table



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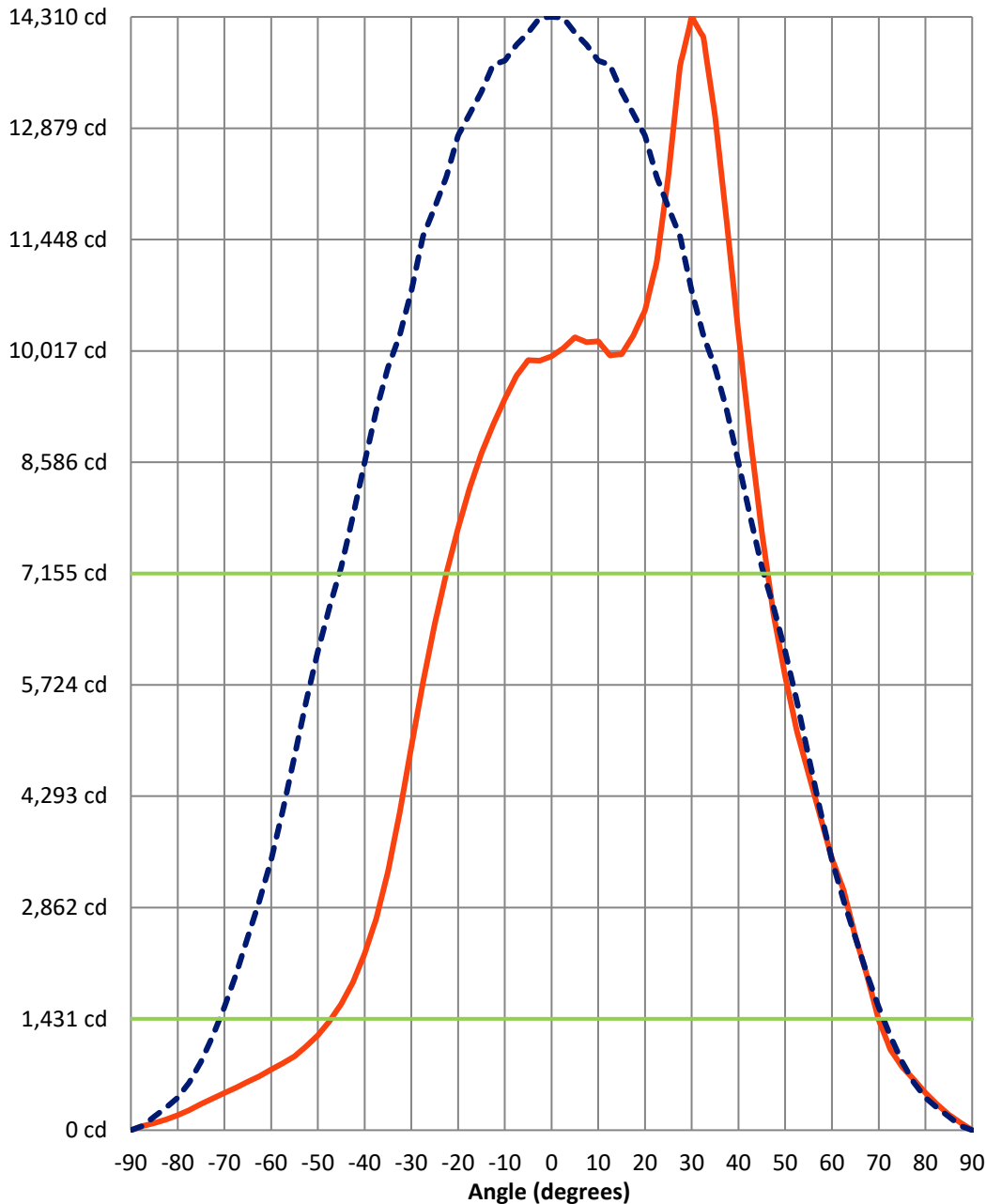
Luminous Intensity Polar Plot



— 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: 13890.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 22385.2
 Efficiency: 93.7%

Spill:
 Lumens: 1501.8
 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°	96.2	98.7	101.2	101.2	98.7	98.7	98.7	96.2	98.7	98.7	98.7
85°	199.9	205.0	210.0	207.5	205.0	199.9	194.8	197.4	199.9	202.4	202.4
82.5°	331.5	339.1	344.1	341.6	336.6	331.5	326.4	329.0	334.0	336.6	336.6
80°	480.8	483.3	485.9	490.9	483.3	483.3	480.8	490.9	496.0	501.0	506.1
77.5°	652.9	655.4	655.4	657.9	660.5	663.0	663.0	680.7	693.4	700.9	708.5
75°	814.8	822.4	830.0	837.6	847.7	852.8	860.4	885.7	905.9	921.1	936.3
72.5°	1037.5	1047.6	1060.3	1078.0	1095.7	1108.4	1126.1	1156.4	1179.2	1194.4	1212.1
70°	1419.6	1429.7	1442.4	1455.0	1472.8	1485.4	1503.1	1541.1	1563.8	1574.0	1584.1
67.5°	1986.4	2011.7	2034.5	2009.2	1996.6	1978.9	1983.9	2019.3	2042.1	2057.3	2054.8
65°	2490.0	2507.7	2507.7	2505.2	2495.1	2472.3	2485.0	2528.0	2553.3	2565.9	2528.0
62.5°	3082.2	3082.2	3069.5	3089.7	3092.3	3077.1	3069.5	3072.0	3074.6	3082.2	3018.9
60°	3492.1	3517.4	3525.0	3542.7	3547.8	3547.8	3560.4	3570.5	3570.5	3555.4	3482.0
57.5°	4033.6	4081.7	4091.8	4079.2	4053.9	4021.0	4015.9	4000.7	3970.4	3940.0	3904.6
55°	4580.2	4605.5	4603.0	4595.4	4570.1	4532.1	4537.2	4516.9	4468.9	4430.9	4382.8
52.5°	5129.3	5190.1	5200.2	5185.0	5149.6	5109.1	5111.6	5088.8	5040.8	5000.3	4934.5
50°	5830.3	5880.9	5875.8	5850.5	5799.9	5769.5	5772.1	5729.1	5673.4	5660.7	5574.7
47.5°	6632.4	6690.6	6680.5	6645.1	6576.8	6564.1	6576.8	6521.1	6488.2	6460.4	6359.1
45°	7685.1	7753.5	7715.5	7647.2	7538.4	7551.0	7568.7	7558.6	7487.8	7414.4	7285.3
42.5°	8920.0	8963.0	8917.5	8849.2	8712.5	8737.8	8727.7	8667.0	8623.9	8502.5	8338.0
40°	10240.9	10334.6	10263.7	10157.4	10015.7	10053.7	10025.8	9947.4	9846.2	9694.3	9486.8
37.5°	11665.6	11739.0	11658.0	11534.0	11407.5	11394.8	11339.2	11217.7	11073.5	10906.5	10575.0
35°	13029.5	13219.3	13070.0	12872.7	12718.3	12660.1	12607.0	12326.1	12161.6	11890.8	11437.9
32.5°	14044.3	14183.5	13998.7	13793.8	13606.5	13525.5	13338.3	13004.2	12915.7	12346.3	11931.3
30°	14310.0	14299.9	14107.5	13950.7	13748.2	13692.5	13348.4	13065.0	12781.6	12255.2	11860.5
27.5°	13677.4	13614.1	13429.4	13292.7	13092.8	13027.0	12687.9	12536.1	12098.3	11653.0	11318.9
25°	12267.9	12300.8	12161.6	12093.3	11961.7	11820.0	11685.9	11480.9	11207.6	10817.9	10511.7
22.5°	11157.0	11200.0	11141.8	11060.8	10959.6	10881.2	10779.9	10620.5	10357.3	10116.9	9828.5
20°	10539.5	10526.9	10476.3	10415.5	10319.4	10263.7	10152.4	10018.3	9815.8	9608.3	9297.1
17.5°	10215.6	10137.2	10089.1	10066.3	10015.7	9944.9	9813.3	9676.6	9519.7	9284.4	9056.7
15°	9975.2	9987.9	9949.9	9932.2	9891.7	9793.0	9658.9	9547.6	9335.0	9216.1	9008.6
12.5°	9960.1	9947.4	9949.9	9942.3	9891.7	9765.2	9696.9	9555.2	9418.5	9261.6	9023.8
10°	10139.7	10005.6	10015.7	10051.1	9970.2	9869.0	9795.6	9641.2	9512.2	9312.2	9076.9
7.5°	10129.6	10061.3	10081.5	10023.3	10048.6	9924.6	9823.4	9669.0	9507.1	9294.5	9082.0
5°	10190.3	10086.6	10068.9	10073.9	10010.7	9917.0	9780.4	9633.6	9481.8	9243.9	9026.3
2.5°	10051.1	10066.3	9985.4	9955.0	9947.4	9790.5	9664.0	9522.3	9365.4	9155.4	8960.5
0°	9947.4	9975.2	9891.7	9848.7	9846.2	9712.1	9631.1	9469.1	9357.8	9183.2	8947.9
-2.5°	9891.7	9924.6	9934.7	9856.3	9780.4	9676.6	9540.0	9365.4	9183.2	8980.7	8778.3
-5°	9896.8	9831.0	9803.2	9828.5	9762.7	9658.9	9507.1	9352.7	9173.1	8955.4	8702.4
-7.5°	9696.9	9631.1	9626.0	9613.4	9598.2	9499.5	9373.0	9206.0	9023.8	8821.3	8586.0
-10°	9398.3	9350.2	9337.5	9324.9	9284.4	9226.2	9107.3	8955.4	8791.0	8588.5	8338.0
-12.5°	9066.8	9044.0	8995.9	8963.0	8922.5	8854.2	8740.4	8601.2	8436.7	8257.0	8041.9
-15°	8699.9	8656.8	8608.8	8580.9	8522.7	8441.8	8327.9	8198.8	8019.2	7842.0	7639.6
-17.5°	8257.0	8203.9	8150.7	8143.2	8102.7	7978.7	7872.4	7715.5	7558.6	7389.1	7191.7
-20°	7735.7	7662.4	7626.9	7606.7	7551.0	7459.9	7346.0	7201.8	7050.0	6888.0	6660.3



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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°	7158.8	7095.5	7034.8	6996.8	6948.8	6877.9	6769.1	6642.6	6493.3	6311.1	6101.0
-25°	6503.4	6414.8	6376.9	6333.8	6308.5	6242.7	6136.5	6020.1	5865.7	5688.6	5488.7
-27.5°	5754.4	5683.5	5663.3	5602.5	5572.2	5503.8	5415.3	5306.5	5164.8	4997.7	4833.3
-30°	4926.9	4883.9	4851.0	4790.2	4767.5	4694.1	4635.9	4544.8	4415.7	4296.8	4165.2
-32.5°	4076.6	4033.6	4023.5	3995.7	3980.5	3932.4	3866.6	3800.8	3697.1	3608.5	3502.2
-35°	3322.5	3292.2	3294.7	3292.2	3277.0	3241.6	3160.6	3142.9	3067.0	2986.0	2917.7
-37.5°	2720.3	2722.8	2720.3	2717.8	2697.5	2682.3	2624.1	2601.4	2555.8	2477.4	2436.9
-40°	2267.3	2272.4	2269.9	2264.8	2242.0	2234.4	2196.5	2166.1	2148.4	2092.7	2049.7
-42.5°	1900.4	1908.0	1905.5	1902.9	1887.8	1885.2	1865.0	1829.6	1819.4	1786.5	1741.0
-45°	1622.1	1619.5	1614.5	1619.5	1611.9	1604.3	1591.7	1568.9	1556.3	1541.1	1503.1
-47.5°	1401.9	1404.4	1399.4	1399.4	1389.2	1381.7	1376.6	1361.4	1351.3	1338.6	1315.9
-50°	1219.7	1229.8	1227.3	1224.8	1217.2	1212.1	1212.1	1196.9	1181.7	1176.7	1161.5
-52.5°	1078.0	1085.6	1088.1	1093.2	1095.7	1098.2	1090.6	1075.5	1050.2	1047.6	1040.0
-55°	948.9	971.7	986.9	997.0	1007.1	1014.7	999.5	979.3	954.0	943.9	941.3
-57.5°	860.4	883.1	900.9	916.0	928.7	941.3	926.2	905.9	883.1	870.5	868.0
-60°	779.4	799.6	817.4	837.6	855.3	875.6	868.0	852.8	840.1	830.0	819.9
-62.5°	693.4	713.6	733.8	759.2	781.9	802.2	804.7	802.2	799.6	802.2	784.5
-65°	622.5	632.6	645.3	673.1	698.4	721.2	733.8	741.4	754.1	766.7	749.0
-67.5°	546.6	559.2	574.4	594.7	614.9	630.1	647.8	668.1	688.3	708.5	695.9
-70°	478.3	488.4	501.0	511.2	523.8	533.9	549.1	571.9	594.7	614.9	609.9
-72.5°	407.4	417.5	425.1	430.2	437.8	442.8	450.4	470.7	485.9	496.0	496.0
-75°	336.6	346.7	354.3	356.8	361.9	364.4	369.5	377.0	384.6	387.2	389.7
-77.5°	258.1	268.2	275.8	280.9	285.9	291.0	293.5	298.6	301.1	301.1	303.7
-80°	192.3	199.9	205.0	212.6	215.1	220.2	225.2	227.7	230.3	230.3	232.8
-82.5°	136.6	141.7	146.8	151.8	156.9	159.4	164.5	167.0	169.5	172.1	174.6
-85°	91.1	96.2	101.2	106.3	108.8	111.3	113.9	116.4	118.9	121.5	124.0
-87.5°	53.1	55.7	58.2	63.3	65.8	70.9	73.4	70.9	73.4	73.4	73.4
-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):

	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°	98.7	98.7	98.7	98.7	96.2	91.1	88.6	83.5	78.4	73.4	68.3
85°	205.0	207.5	207.5	207.5	202.4	199.9	192.3	184.7	174.6	159.4	146.8
82.5°	341.6	344.1	344.1	341.6	336.6	329.0	318.8	306.2	285.9	265.7	248.0
80°	513.7	516.2	516.2	513.7	501.0	488.4	475.7	460.6	435.2	407.4	377.0
77.5°	718.7	723.7	723.7	716.1	698.4	683.2	663.0	637.7	599.7	559.2	518.8
75°	956.5	969.2	971.7	964.1	941.3	913.5	880.6	837.6	779.4	728.8	680.7
72.5°	1232.4	1245.0	1255.1	1245.0	1212.1	1174.2	1126.1	1075.5	1017.3	948.9	868.0
70°	1594.2	1606.9	1614.5	1581.6	1523.4	1460.1	1401.9	1343.7	1275.4	1191.9	1103.3
67.5°	2049.7	2037.1	2021.9	1956.1	1882.7	1806.8	1725.8	1639.8	1551.2	1462.6	1358.9
65°	2487.5	2452.1	2419.2	2340.7	2247.1	2148.4	2054.8	1958.6	1852.3	1741.0	1642.3
62.5°	2948.0	2872.1	2791.1	2695.0	2598.8	2490.0	2396.4	2282.5	2163.6	2026.9	1900.4
60°	3401.0	3309.9	3228.9	3110.0	2983.5	2836.7	2735.5	2624.1	2485.0	2338.2	2188.9
57.5°	3838.8	3740.1	3651.5	3547.8	3411.1	3251.7	3140.4	2996.1	2849.3	2664.6	2512.8
55°	4304.4	4205.7	4134.8	4018.4	3869.1	3722.4	3600.9	3449.1	3244.1	3046.7	2859.5
52.5°	4838.3	4759.9	4684.0	4565.0	4385.4	4236.1	4101.9	3932.4	3717.3	3474.4	3249.2
50°	5435.5	5395.0	5314.1	5174.9	4969.9	4838.3	4661.2	4436.0	4205.7	3950.1	3669.2
47.5°	6227.6	6161.8	6047.9	5896.1	5724.0	5526.6	5288.7	5025.6	4699.1	4415.7	4117.1
45°	7174.0	7052.5	6905.7	6700.8	6488.2	6265.5	6004.9	5670.9	5233.1	4863.6	4549.8
42.5°	8198.8	8034.3	7834.4	7566.2	7290.4	7017.1	6736.2	6280.7	5734.1	5309.0	4954.7
40°	9269.2	9059.2	8808.7	8419.0	8112.8	7761.0	7439.7	6759.0	6177.0	5716.4	5339.4
37.5°	10316.9	10051.1	9631.1	9157.9	8801.1	8512.6	7806.6	7077.8	6556.5	6050.4	5668.3
35°	11119.0	10893.8	10152.4	9661.5	9355.3	8899.8	8016.6	7270.1	6718.5	6298.4	5703.7
32.5°	11594.8	11012.7	10362.4	9866.4	9613.4	8866.9	8031.8	7325.8	6794.4	6323.7	5612.7
30°	11488.5	10785.0	10215.6	9800.6	9251.5	8580.9	7890.1	7239.8	6723.5	6154.2	5511.4
27.5°	10848.3	10304.2	9795.6	9362.9	8823.9	8221.6	7583.9	7012.0	6531.2	5979.6	5372.3
25°	10124.5	9631.1	9254.0	8877.0	8365.8	7791.4	7229.6	6817.2	6333.8	5789.8	5190.1
22.5°	9459.0	9104.7	8808.7	8413.9	7915.4	7414.4	7065.2	6637.5	6141.5	5589.9	5002.8
20°	9033.9	8793.5	8454.4	8019.2	7626.9	7313.1	6926.0	6473.0	5961.9	5384.9	4843.4
17.5°	8828.9	8550.6	8173.5	7890.1	7589.0	7244.8	6812.1	6331.3	5787.3	5291.3	4861.1
15°	8722.6	8429.1	8181.1	7902.8	7563.7	7201.8	6721.0	6222.5	5787.3	5329.2	4873.7
12.5°	8745.4	8492.4	8221.6	7917.9	7553.5	7166.4	6731.1	6268.1	5817.6	5357.1	4876.3
10°	8816.3	8550.6	8262.1	7925.5	7558.6	7176.5	6759.0	6295.9	5832.8	5369.7	4871.2
7.5°	8841.6	8553.1	8244.4	7905.3	7546.0	7171.4	6764.0	6303.5	5835.3	5367.2	4856.0
5°	8763.1	8502.5	8203.9	7862.3	7510.5	7146.1	6743.8	6293.4	5815.1	5341.9	4818.1
2.5°	8656.8	8446.8	8160.9	7831.9	7475.1	7110.7	6710.9	6247.8	5769.5	5296.3	4770.0
0°	8639.1	8378.5	8090.0	7796.5	7416.9	7032.3	6635.0	6161.8	5686.0	5210.3	4686.5
-2.5°	8522.7	8246.9	7958.4	7639.6	7305.6	6918.4	6500.9	6037.8	5567.1	5099.0	4595.4
-5°	8434.2	8128.0	7821.8	7477.6	7141.1	6753.9	6321.2	5870.8	5410.2	4954.7	4468.9
-7.5°	8315.2	8001.4	7680.1	7320.7	6956.3	6561.6	6133.9	5683.5	5230.5	4777.6	4312.0
-10°	8074.8	7799.0	7497.9	7125.9	6741.3	6346.5	5921.4	5478.5	5025.6	4567.6	4099.4
-12.5°	7783.8	7492.8	7163.8	6822.2	6478.1	6111.2	5686.0	5250.8	4795.3	4334.7	3869.1
-15°	7406.8	7120.8	6784.3	6450.2	6118.8	5767.0	5392.5	5000.3	4537.2	4084.2	3618.6
-17.5°	6936.1	6667.9	6366.7	6047.9	5718.9	5364.7	5000.3	4668.8	4236.1	3810.9	3350.4
-20°	6430.0	6179.5	5908.7	5607.6	5278.6	4931.9	4587.8	4241.1	3866.6	3492.1	3064.4



REPORT NUMBER: P722149
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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°	5903.7	5650.6	5377.3	5096.4	4792.8	4471.4	4152.6	3821.1	3492.1	3153.0	2791.1
-25°	5296.3	5073.7	4823.1	4549.8	4279.1	3998.2	3694.5	3393.4	3112.5	2819.0	2522.9
-27.5°	4661.2	4456.2	4228.5	3990.6	3757.8	3522.5	3259.3	2980.9	2748.1	2505.2	2259.7
-30°	3993.1	3828.6	3643.9	3436.4	3256.8	3067.0	2846.8	2616.5	2404.0	2219.2	2021.9
-32.5°	3360.5	3221.3	3089.7	2953.1	2776.0	2629.2	2477.4	2307.8	2120.6	1946.0	1804.2
-35°	2816.4	2667.1	2611.5	2510.3	2383.7	2254.7	2143.3	2021.9	1880.2	1725.8	1609.4
-37.5°	2358.4	2269.9	2191.4	2135.7	2052.2	1948.5	1859.9	1771.4	1662.5	1546.1	1429.7
-40°	2001.6	1940.9	1854.9	1827.0	1773.9	1703.0	1611.9	1543.6	1470.2	1381.7	1283.0
-42.5°	1715.7	1670.1	1614.5	1566.4	1543.6	1493.0	1422.1	1356.3	1298.1	1237.4	1161.5
-45°	1480.3	1450.0	1414.6	1371.5	1353.8	1313.3	1262.7	1189.3	1156.4	1105.8	1050.2
-47.5°	1290.6	1275.4	1250.1	1222.2	1196.9	1166.6	1121.0	1075.5	1029.9	997.0	954.0
-50°	1141.3	1131.1	1116.0	1093.2	1060.3	1040.0	1009.7	969.2	926.2	898.3	868.0
-52.5°	1022.3	1012.2	1002.1	984.4	959.1	938.8	913.5	880.6	845.2	817.4	792.0
-55°	931.2	916.0	908.4	893.3	873.0	850.2	827.5	804.7	774.3	749.0	723.7
-57.5°	860.4	840.1	830.0	817.4	797.1	774.3	756.6	733.8	713.6	685.8	663.0
-60°	804.7	781.9	761.7	749.0	731.3	708.5	690.8	673.1	652.9	630.1	602.3
-62.5°	759.2	731.3	703.5	688.3	670.6	650.3	632.6	614.9	594.7	571.9	546.6
-65°	716.1	683.2	647.8	632.6	614.9	594.7	571.9	559.2	541.5	521.3	496.0
-67.5°	663.0	627.6	597.2	579.5	561.8	544.1	523.8	511.2	493.4	468.1	442.8
-70°	584.5	561.8	541.5	526.3	511.2	496.0	475.7	455.5	435.2	412.5	389.7
-72.5°	485.9	478.3	475.7	468.1	450.4	432.7	412.5	392.2	374.5	356.8	339.1
-75°	392.2	397.3	402.3	399.8	382.1	364.4	346.7	329.0	316.3	301.1	285.9
-77.5°	311.3	316.3	321.4	321.4	308.7	298.6	285.9	273.3	263.2	250.5	235.3
-80°	240.4	248.0	255.6	260.6	250.5	242.9	232.8	222.7	212.6	202.4	192.3
-82.5°	182.2	189.8	197.4	202.4	194.8	189.8	182.2	174.6	167.0	156.9	149.3
-85°	131.6	136.6	141.7	144.2	139.2	134.1	129.1	124.0	118.9	111.3	106.3
-87.5°	75.9	78.4	81.0	83.5	78.4	73.4	70.9	65.8	63.3	58.2	55.7
-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°	63.3	58.2	53.1	50.6	45.5	38.0	32.9	27.8	22.8	17.7	15.2
85°	134.1	121.5	106.3	98.7	88.6	78.4	68.3	58.2	48.1	38.0	27.8
82.5°	230.3	215.1	199.9	182.2	159.4	131.6	103.8	86.0	70.9	55.7	43.0
80°	346.7	318.8	293.5	270.8	245.5	210.0	172.1	136.6	96.2	73.4	55.7
77.5°	480.8	447.9	412.5	374.5	334.0	285.9	242.9	197.4	149.3	101.2	70.9
75°	632.6	589.6	541.5	488.4	435.2	372.0	311.3	258.1	202.4	141.7	86.0
72.5°	802.2	749.0	690.8	620.0	536.5	463.1	389.7	318.8	253.1	179.7	116.4
70°	1019.8	936.3	850.2	774.3	668.1	551.6	465.6	384.6	301.1	220.2	146.8
67.5°	1252.6	1151.4	1047.6	936.3	802.2	665.5	541.5	450.4	351.7	258.1	174.6
65°	1505.6	1379.1	1247.5	1123.5	938.8	776.9	637.7	513.7	399.8	293.5	202.4
62.5°	1766.3	1617.0	1465.2	1303.2	1090.6	890.7	728.8	584.5	445.4	326.4	227.7
60°	2044.6	1870.0	1685.3	1482.9	1234.9	1014.7	814.8	657.9	493.4	359.3	255.6
57.5°	2338.2	2148.4	1930.8	1657.5	1384.2	1133.7	913.5	723.7	536.5	389.7	275.8
55°	2657.0	2439.4	2201.5	1839.7	1531.0	1252.6	1012.2	789.5	582.0	415.0	296.1
52.5°	3001.2	2748.1	2447.0	2032.0	1685.3	1374.1	1103.3	847.7	625.0	442.8	313.8
50°	3385.8	3067.0	2662.1	2209.1	1819.4	1487.9	1194.4	911.0	660.5	473.2	329.0
47.5°	3785.6	3441.5	2854.4	2373.6	1956.1	1599.3	1288.0	966.7	695.9	498.5	344.1
45°	4203.2	3702.1	3054.3	2520.4	2075.0	1700.5	1358.9	1017.3	738.9	521.3	356.8
42.5°	4615.6	3899.5	3228.9	2667.1	2186.4	1791.6	1417.1	1065.3	774.3	544.1	369.5
40°	4810.5	4048.8	3368.1	2768.4	2280.0	1872.6	1467.7	1108.4	804.7	559.2	382.1
37.5°	4891.5	4139.9	3459.2	2864.5	2353.4	1915.6	1510.7	1146.3	830.0	574.4	392.2
35°	4909.2	4172.8	3504.7	2930.3	2414.1	1956.1	1543.6	1174.2	850.2	589.6	402.3
32.5°	4876.3	4162.7	3517.4	2953.1	2452.1	1986.4	1566.4	1194.4	865.4	604.8	412.5
30°	4802.9	4109.5	3471.8	2950.6	2479.9	2004.2	1581.6	1209.6	880.6	614.9	417.5
27.5°	4684.0	4015.9	3413.6	2953.1	2495.1	2011.7	1589.2	1217.2	890.7	622.5	427.7
25°	4537.2	3889.4	3416.2	2948.0	2497.6	2014.3	1589.2	1217.2	893.3	625.0	435.2
22.5°	4367.6	3889.4	3416.2	2940.4	2482.4	2009.2	1581.6	1212.1	893.3	630.1	442.8
20°	4377.8	3891.9	3408.6	2925.3	2459.6	1994.0	1563.8	1199.5	885.7	637.7	447.9
17.5°	4385.4	3886.8	3393.4	2905.0	2429.3	1968.7	1541.1	1181.7	885.7	645.3	450.4
15°	4385.4	3871.7	3370.6	2874.6	2391.3	1933.3	1508.2	1166.6	888.2	647.8	455.5
12.5°	4377.8	3843.8	3335.2	2834.2	2345.8	1890.3	1487.9	1161.5	888.2	650.3	455.5
10°	4362.6	3805.9	3289.7	2783.6	2302.8	1875.1	1477.8	1151.4	883.1	650.3	455.5
7.5°	4334.7	3760.3	3251.7	2753.2	2277.5	1857.4	1462.6	1136.2	875.6	645.3	460.6
5°	4291.7	3735.0	3221.3	2717.8	2242.0	1844.7	1452.5	1123.5	870.5	645.3	455.5
2.5°	4236.1	3704.7	3185.9	2672.2	2201.5	1801.7	1419.6	1095.7	852.8	635.2	450.4
0°	4145.0	3643.9	3125.2	2608.9	2145.9	1758.7	1386.7	1067.9	835.1	625.0	445.4
-2.5°	4061.5	3562.9	3046.7	2543.2	2092.7	1720.7	1361.4	1052.7	827.5	622.5	442.8
-5°	3945.1	3451.6	2943.0	2457.1	2021.9	1682.8	1336.1	1035.0	819.9	617.4	442.8
-7.5°	3816.0	3335.2	2834.2	2368.5	1951.0	1617.0	1288.0	1007.1	802.2	607.3	440.3
-10°	3616.1	3160.6	2697.5	2267.3	1875.1	1558.8	1247.5	981.8	787.0	597.2	430.2
-12.5°	3403.5	2968.3	2540.6	2143.3	1789.1	1498.1	1202.0	954.0	769.3	587.1	425.1
-15°	3178.3	2770.9	2376.1	2014.3	1695.4	1424.7	1153.9	923.6	751.6	574.4	417.5
-17.5°	2943.0	2563.4	2206.6	1882.7	1601.8	1348.8	1103.3	895.8	731.3	561.8	409.9
-20°	2695.0	2350.8	2034.5	1748.6	1503.1	1272.8	1050.2	862.9	708.5	546.6	399.8



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 CATALOG NUMBER: IFLD-M-SA4B-760-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2449.5	2140.8	1857.4	1617.0	1401.9	1194.4	997.0	830.0	683.2	528.9	392.2
-25°	2231.9	1943.4	1700.5	1490.5	1303.2	1118.5	941.3	797.1	655.4	511.2	382.1
-27.5°	2019.3	1773.9	1546.1	1371.5	1207.0	1045.1	888.2	761.7	627.6	490.9	372.0
-30°	1822.0	1611.9	1424.7	1255.1	1116.0	979.3	842.7	726.3	597.2	470.7	359.3
-32.5°	1642.3	1472.8	1315.9	1153.9	1029.9	913.5	799.6	690.8	566.8	450.4	346.7
-35°	1475.3	1343.7	1207.0	1070.4	943.9	852.8	754.1	652.9	539.0	427.7	334.0
-37.5°	1326.0	1219.7	1110.9	994.5	885.7	794.6	711.1	614.9	511.2	407.4	321.4
-40°	1196.9	1110.9	1014.7	921.1	830.0	744.0	668.1	577.0	483.3	392.2	308.7
-42.5°	1078.0	1012.2	933.8	855.3	774.3	698.4	625.0	536.5	455.5	374.5	296.1
-45°	986.9	921.1	857.8	787.0	718.7	652.9	579.5	501.0	430.2	354.3	283.4
-47.5°	900.9	842.7	784.5	726.3	670.6	609.9	536.5	470.7	402.3	336.6	273.3
-50°	824.9	769.3	718.7	668.1	620.0	561.8	493.4	440.3	379.6	318.8	260.6
-52.5°	754.1	706.0	655.4	614.9	574.4	516.2	460.6	409.9	356.8	298.6	248.0
-55°	690.8	645.3	599.7	561.8	523.8	473.2	427.7	384.6	334.0	283.4	235.3
-57.5°	630.1	592.1	549.1	513.7	475.7	435.2	397.3	356.8	311.3	268.2	222.7
-60°	574.4	539.0	501.0	465.6	432.7	399.8	364.4	331.5	291.0	250.5	210.0
-62.5°	518.8	488.4	455.5	420.1	394.8	364.4	336.6	303.7	270.8	235.3	187.3
-65°	468.1	440.3	409.9	379.6	356.8	334.0	308.7	278.4	250.5	217.6	167.0
-67.5°	417.5	392.2	366.9	341.6	321.4	303.7	278.4	255.6	232.8	197.4	146.8
-70°	369.5	349.2	326.4	306.2	291.0	270.8	253.1	232.8	212.6	172.1	124.0
-72.5°	323.9	303.7	285.9	270.8	258.1	240.4	225.2	210.0	182.2	144.2	103.8
-75°	270.8	258.1	248.0	235.3	222.7	210.0	197.4	179.7	151.8	116.4	81.0
-77.5°	222.7	215.1	207.5	197.4	187.3	177.1	162.0	144.2	121.5	91.1	65.8
-80°	182.2	174.6	169.5	159.4	151.8	141.7	126.5	111.3	88.6	70.9	53.1
-82.5°	139.2	134.1	129.1	124.0	116.4	106.3	91.1	78.4	65.8	53.1	40.5
-85°	98.7	96.2	91.1	86.0	78.4	70.9	60.7	53.1	45.5	35.4	27.8
-87.5°	50.6	48.1	45.5	43.0	40.5	35.4	30.4	25.3	22.8	17.7	12.7
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.1	7.6	2.5	0.0
85°	20.2	12.7	5.1	0.0
82.5°	30.4	20.2	7.6	0.0
80°	40.5	25.3	12.7	0.0
77.5°	50.6	30.4	15.2	0.0
75°	60.7	38.0	17.7	0.0
72.5°	68.3	43.0	20.2	0.0
70°	81.0	50.6	22.8	0.0
67.5°	101.2	55.7	25.3	0.0
65°	118.9	60.7	27.8	0.0
62.5°	139.2	65.8	30.4	0.0
60°	156.9	70.9	32.9	0.0
57.5°	174.6	83.5	35.4	0.0
55°	189.8	93.6	38.0	0.0
52.5°	207.5	103.8	40.5	0.0
50°	222.7	113.9	43.0	0.0
47.5°	235.3	124.0	43.0	0.0
45°	245.5	131.6	45.5	0.0
42.5°	253.1	139.2	48.1	0.0
40°	260.6	146.8	50.6	0.0
37.5°	268.2	154.4	50.6	0.0
35°	275.8	162.0	53.1	0.0
32.5°	283.4	169.5	53.1	0.0
30°	288.5	174.6	55.7	0.0
27.5°	296.1	179.7	55.7	0.0
25°	298.6	184.7	58.2	0.0
22.5°	303.7	187.3	58.2	0.0
20°	308.7	192.3	58.2	0.0
17.5°	311.3	194.8	60.7	0.0
15°	311.3	197.4	63.3	0.0
12.5°	313.8	199.9	63.3	0.0
10°	313.8	205.0	60.7	0.0
7.5°	318.8	202.4	60.7	0.0
5°	316.3	202.4	60.7	0.0
2.5°	313.8	199.9	60.7	0.0
0°	311.3	199.9	60.7	0.0
-2.5°	311.3	199.9	60.7	0.0
-5°	311.3	199.9	60.7	0.0
-7.5°	308.7	202.4	60.7	0.0
-10°	303.7	202.4	60.7	0.0
-12.5°	301.1	194.8	60.7	0.0
-15°	298.6	192.3	60.7	0.0
-17.5°	293.5	189.8	58.2	0.0
-20°	288.5	187.3	58.2	0.0



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 CATALOG NUMBER: IFLD-M-SA4B-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	283.4	182.2	58.2	0.0
-25°	278.4	177.1	55.7	0.0
-27.5°	273.3	172.1	55.7	0.0
-30°	265.7	167.0	53.1	0.0
-32.5°	258.1	162.0	53.1	0.0
-35°	253.1	154.4	50.6	0.0
-37.5°	245.5	146.8	50.6	0.0
-40°	237.9	139.2	48.1	0.0
-42.5°	230.3	131.6	45.5	0.0
-45°	220.2	124.0	45.5	0.0
-47.5°	212.6	116.4	43.0	0.0
-50°	199.9	106.3	40.5	0.0
-52.5°	184.7	96.2	38.0	0.0
-55°	169.5	88.6	35.4	0.0
-57.5°	154.4	78.4	35.4	0.0
-60°	139.2	68.3	32.9	0.0
-62.5°	124.0	63.3	30.4	0.0
-65°	108.8	58.2	27.8	0.0
-67.5°	91.1	50.6	25.3	0.0
-70°	75.9	45.5	22.8	0.0
-72.5°	65.8	40.5	20.2	0.0
-75°	55.7	35.4	17.7	0.0
-77.5°	48.1	30.4	15.2	0.0
-80°	38.0	22.8	10.1	0.0
-82.5°	27.8	17.7	7.6	0.0
-85°	17.7	12.7	5.1	0.0
-87.5°	10.1	5.1	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)