

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: P722315

Luminaire Tested: **IFLD-S-SA3D-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722315
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

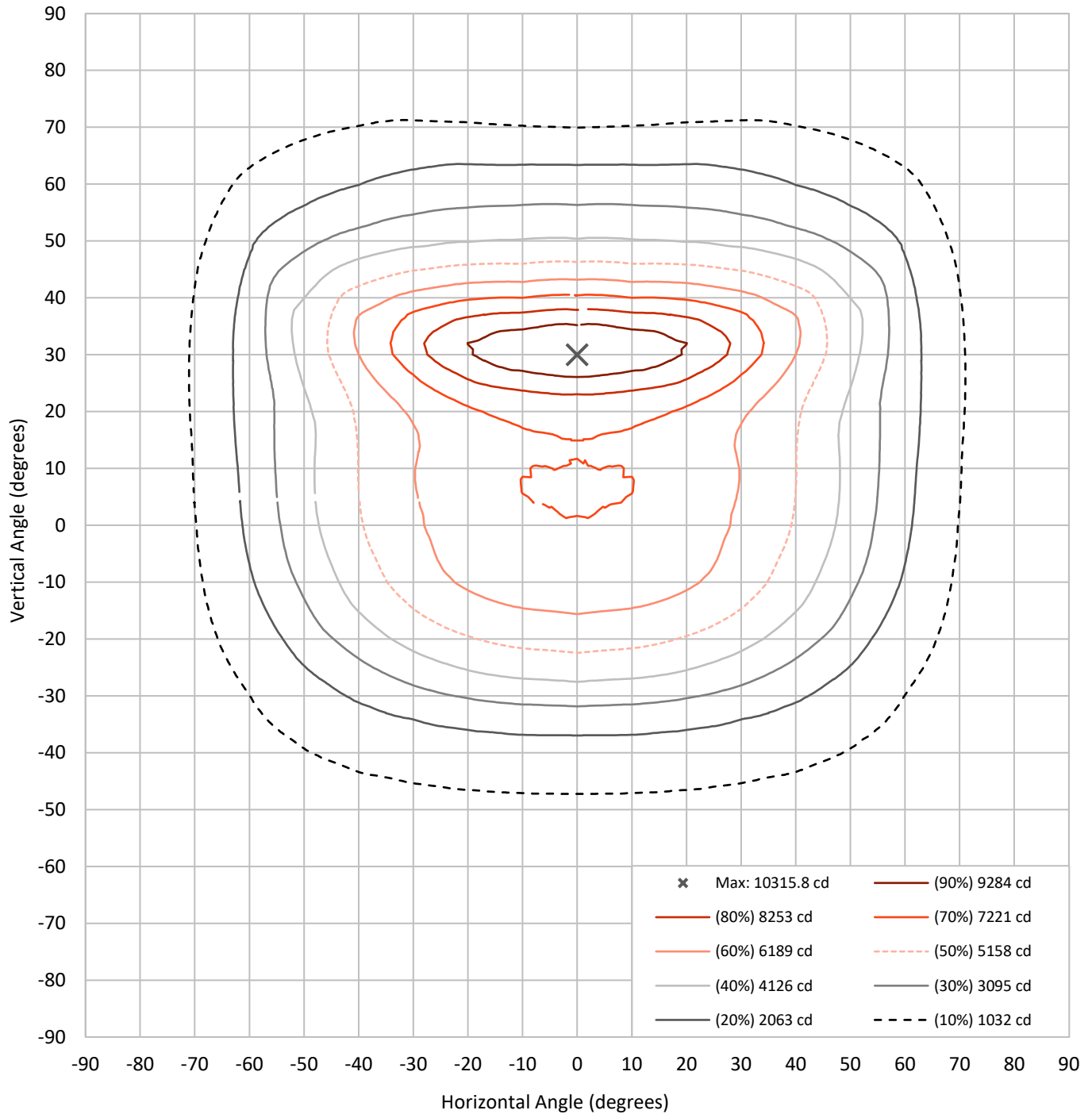
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17219.7 lumens	Max Intensity:	10315.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	10013.5 lumens	Field Lumens:	16137.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 184.1
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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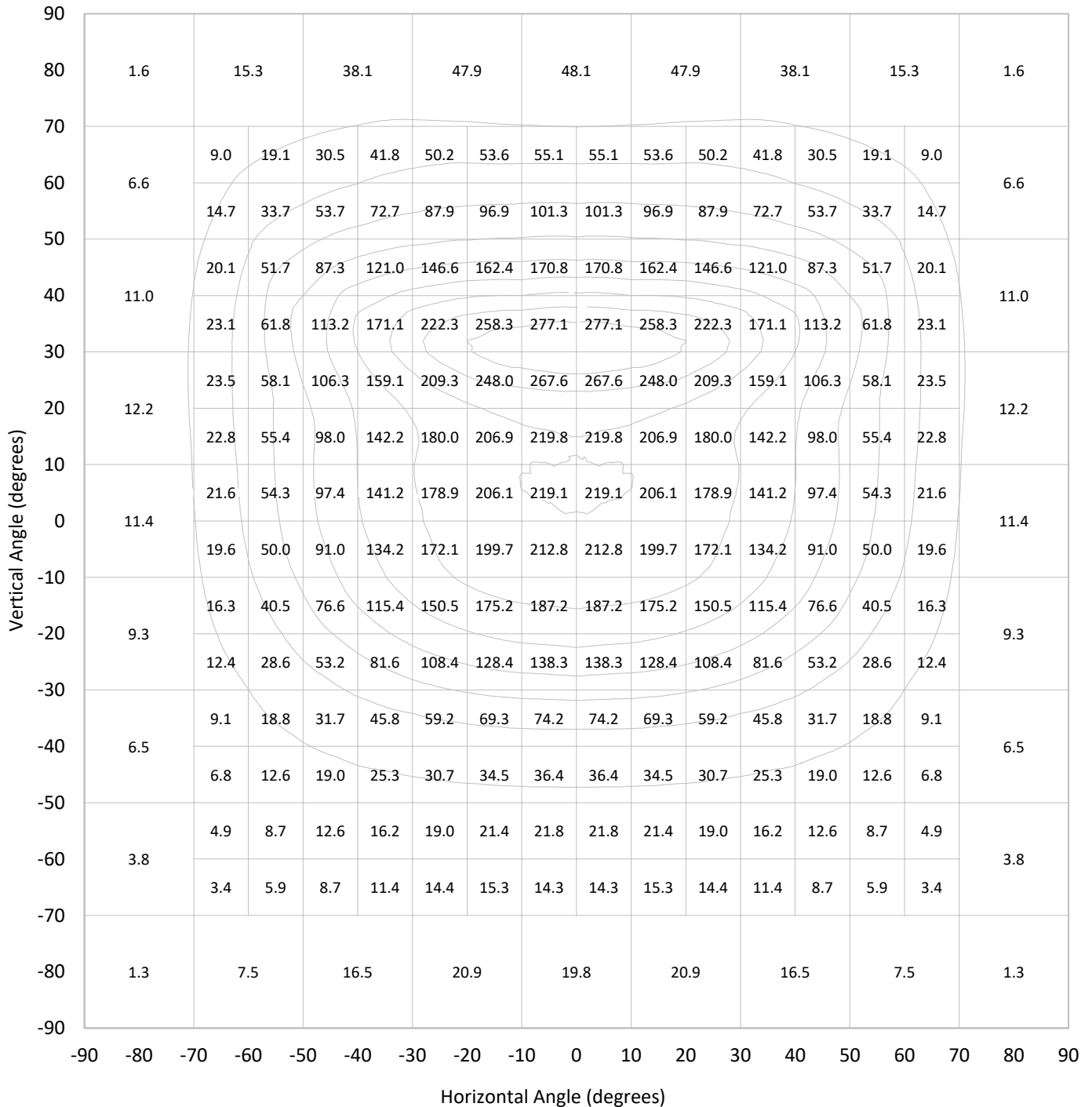
Iso-Candela Plot





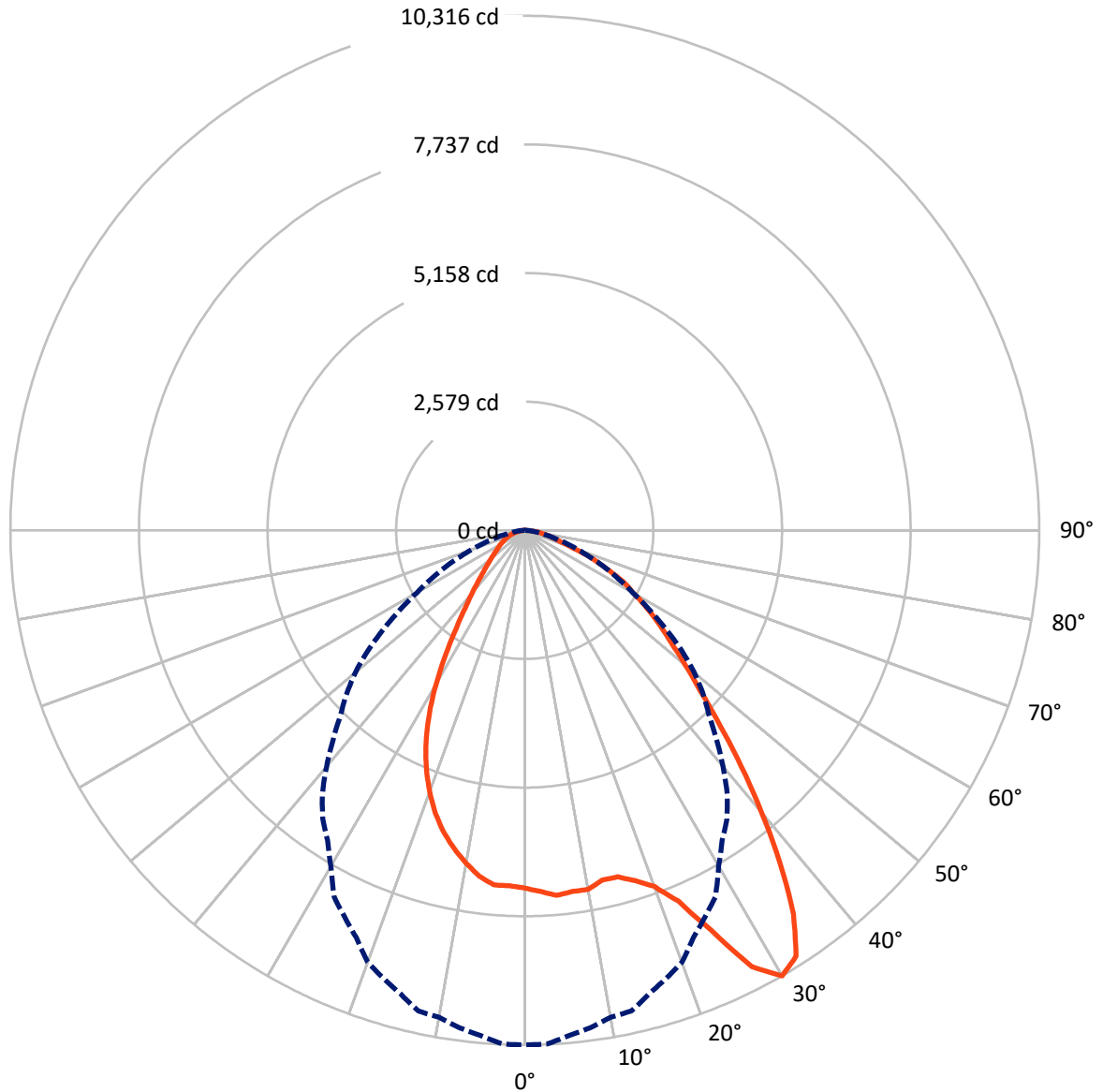
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Lumen Table



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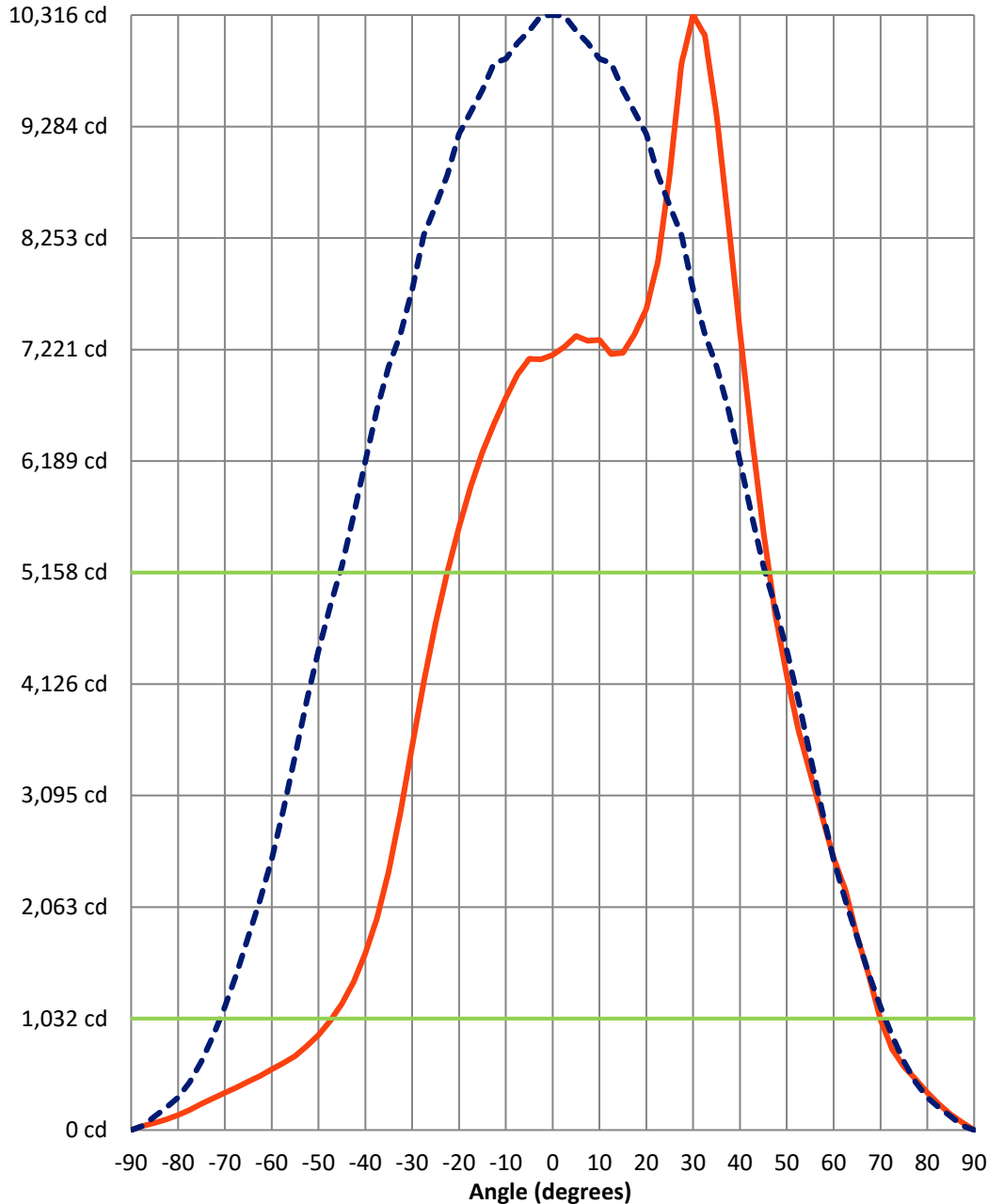
Luminous Intensity Polar Plot



— 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: 10013.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 16137.1
 Efficiency: 93.7%

Spill:
 Lumens: 1082.6
 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°	69.3	71.1	73.0	73.0	71.1	71.1	71.1	69.3	71.1	71.1	71.1
85°	144.1	147.8	151.4	149.6	147.8	144.1	140.5	142.3	144.1	145.9	145.9
82.5°	239.0	244.4	248.1	246.3	242.6	239.0	235.3	237.1	240.8	242.6	242.6
80°	346.6	348.4	350.2	353.9	348.4	348.4	346.6	353.9	357.5	361.2	364.8
77.5°	470.6	472.5	472.5	474.3	476.1	477.9	477.9	490.7	499.8	505.3	510.8
75°	587.4	592.9	598.3	603.8	611.1	614.8	620.2	638.5	653.1	664.0	675.0
72.5°	747.9	755.2	764.3	777.1	789.9	799.0	811.8	833.7	850.1	861.0	873.8
70°	1023.4	1030.7	1039.8	1048.9	1061.7	1070.8	1083.6	1110.9	1127.4	1134.7	1141.9
67.5°	1432.0	1450.2	1466.7	1448.4	1439.3	1426.5	1430.2	1455.7	1472.1	1483.1	1481.2
65°	1795.0	1807.8	1807.8	1806.0	1798.7	1782.2	1791.4	1822.4	1840.6	1849.7	1822.4
62.5°	2221.9	2221.9	2212.8	2227.3	2229.2	2218.2	2212.8	2214.6	2216.4	2221.9	2176.3
60°	2517.4	2535.6	2541.1	2553.9	2557.5	2557.5	2566.6	2573.9	2573.9	2563.0	2510.1
57.5°	2907.8	2942.4	2949.7	2940.6	2922.4	2898.7	2895.0	2884.1	2862.2	2840.3	2814.7
55°	3301.8	3320.0	3318.2	3312.7	3294.5	3267.1	3270.8	3256.2	3221.5	3194.2	3159.5
52.5°	3697.7	3741.4	3748.7	3737.8	3712.2	3683.1	3684.9	3668.5	3633.8	3604.6	3557.2
50°	4203.0	4239.4	4235.8	4217.5	4181.1	4159.2	4161.0	4130.0	4089.9	4080.7	4018.7
47.5°	4781.2	4823.2	4815.9	4790.3	4741.1	4732.0	4741.1	4701.0	4677.2	4657.2	4584.2
45°	5540.1	5589.3	5562.0	5512.7	5434.3	5443.4	5456.2	5448.9	5397.8	5344.9	5251.9
42.5°	6430.3	6461.3	6428.5	6379.2	6280.7	6299.0	6291.7	6247.9	6216.9	6129.3	6010.7
40°	7382.5	7450.0	7399.0	7322.3	7220.2	7247.5	7227.5	7170.9	7098.0	6988.5	6838.9
37.5°	8409.6	8462.5	8404.1	8314.7	8223.5	8214.4	8174.2	8086.7	7982.7	7862.3	7623.3
35°	9392.8	9529.6	9422.0	9279.7	9168.4	9126.5	9088.2	8885.7	8767.1	8571.9	8245.4
32.5°	10124.3	10224.6	10091.5	9943.7	9808.7	9750.3	9615.4	9374.6	9310.7	8900.3	8601.1
30°	10315.8	10308.6	10169.9	10056.8	9910.9	9870.7	9622.7	9418.3	9214.0	8834.6	8550.0
27.5°	9859.8	9814.2	9681.0	9582.5	9438.4	9391.0	9146.5	9037.1	8721.5	8400.4	8159.6
25°	8843.7	8867.4	8767.1	8717.8	8623.0	8520.8	8424.2	8276.4	8079.4	7798.5	7577.7
22.5°	8042.9	8073.9	8031.9	7973.6	7900.6	7844.1	7771.1	7656.2	7466.4	7293.1	7085.2
20°	7597.8	7588.7	7552.2	7508.4	7439.1	7399.0	7318.7	7222.0	7076.1	6926.5	6702.1
17.5°	7364.3	7307.7	7273.1	7256.7	7220.2	7169.1	7074.2	6975.7	6862.6	6693.0	6528.8
15°	7191.0	7200.1	7172.8	7160.0	7130.8	7059.7	6963.0	6882.7	6729.5	6643.7	6494.1
12.5°	7180.0	7170.9	7172.8	7167.3	7130.8	7039.6	6990.3	6888.2	6789.7	6676.6	6505.1
10°	7309.6	7212.9	7220.2	7245.7	7187.3	7114.4	7061.5	6950.2	6857.2	6713.1	6543.4
7.5°	7302.3	7253.0	7267.6	7225.7	7243.9	7154.5	7081.5	6970.3	6853.5	6700.3	6547.1
5°	7346.1	7271.3	7258.5	7262.1	7216.5	7149.0	7050.5	6944.7	6835.3	6663.8	6506.9
2.5°	7245.7	7256.7	7198.3	7176.4	7170.9	7057.8	6966.6	6864.5	6751.4	6600.0	6459.5
0°	7170.9	7191.0	7130.8	7099.8	7098.0	7001.3	6942.9	6826.2	6745.9	6620.0	6450.4
-2.5°	7130.8	7154.5	7161.8	7105.3	7050.5	6975.7	6877.2	6751.4	6620.0	6474.1	6328.1
-5°	7134.4	7087.0	7066.9	7085.2	7037.8	6963.0	6853.5	6742.2	6612.7	6455.8	6273.4
-7.5°	6990.3	6942.9	6939.3	6930.1	6919.2	6848.0	6756.8	6636.4	6505.1	6359.2	6189.5
-10°	6775.1	6740.4	6731.3	6722.2	6693.0	6651.0	6565.3	6455.8	6337.3	6191.3	6010.7
-12.5°	6536.1	6519.7	6485.0	6461.3	6432.1	6382.9	6300.8	6200.5	6081.9	5952.4	5797.3
-15°	6271.6	6240.6	6205.9	6185.9	6143.9	6085.5	6003.4	5910.4	5780.9	5653.2	5507.3
-17.5°	5952.4	5914.1	5875.7	5870.3	5841.1	5751.7	5675.1	5562.0	5448.9	5326.7	5184.4
-20°	5576.6	5523.7	5498.1	5483.5	5443.4	5377.7	5295.7	5191.7	5082.2	4965.5	4801.3



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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°	5160.7	5115.1	5071.3	5043.9	5009.3	4958.2	4879.7	4788.5	4680.9	4549.6	4398.1
-25°	4688.2	4624.3	4597.0	4566.0	4547.7	4500.3	4423.7	4339.8	4228.5	4100.8	3956.7
-27.5°	4148.2	4097.2	4082.6	4038.8	4016.9	3967.6	3903.8	3825.3	3723.2	3602.8	3484.2
-30°	3551.7	3520.7	3497.0	3453.2	3436.8	3383.9	3341.9	3276.3	3183.2	3097.5	3002.6
-32.5°	2938.8	2907.8	2900.5	2880.4	2869.5	2834.8	2787.4	2739.9	2665.2	2601.3	2524.7
-35°	2395.2	2373.3	2375.1	2373.3	2362.3	2336.8	2278.4	2265.7	2210.9	2152.6	2103.3
-37.5°	1961.0	1962.8	1961.0	1959.2	1944.6	1933.7	1891.7	1875.3	1842.4	1785.9	1756.7
-40°	1634.5	1638.1	1636.3	1632.7	1616.2	1610.8	1583.4	1561.5	1548.7	1508.6	1477.6
-42.5°	1370.0	1375.4	1373.6	1371.8	1360.9	1359.0	1344.4	1318.9	1311.6	1287.9	1255.0
-45°	1169.3	1167.5	1163.8	1167.5	1162.0	1156.5	1147.4	1131.0	1121.9	1110.9	1083.6
-47.5°	1010.6	1012.4	1008.8	1008.8	1001.5	996.0	992.4	981.4	974.1	965.0	948.6
-50°	879.3	886.6	884.7	882.9	877.4	873.8	873.8	862.8	851.9	848.3	837.3
-52.5°	777.1	782.6	784.4	788.1	789.9	791.7	786.2	775.3	757.0	755.2	749.7
-55°	684.1	700.5	711.4	718.7	726.0	731.5	720.6	706.0	687.7	680.4	678.6
-57.5°	620.2	636.6	649.4	660.4	669.5	678.6	667.7	653.1	636.6	627.5	625.7
-60°	561.9	576.4	589.2	603.8	616.6	631.2	625.7	614.8	605.6	598.3	591.0
-62.5°	499.8	514.4	529.0	547.3	563.7	578.3	580.1	578.3	576.4	578.3	565.5
-65°	448.8	456.0	465.2	485.2	503.5	519.9	529.0	534.5	543.6	552.7	540.0
-67.5°	394.0	403.1	414.1	428.7	443.3	454.2	467.0	481.6	496.2	510.8	501.7
-70°	344.8	352.1	361.2	368.5	377.6	384.9	395.9	412.3	428.7	443.3	439.6
-72.5°	293.7	301.0	306.5	310.1	315.6	319.2	324.7	339.3	350.2	357.5	357.5
-75°	242.6	249.9	255.4	257.2	260.9	262.7	266.3	271.8	277.3	279.1	280.9
-77.5°	186.1	193.4	198.8	202.5	206.1	209.8	211.6	215.3	217.1	217.1	218.9
-80°	138.6	144.1	147.8	153.2	155.1	158.7	162.4	164.2	166.0	166.0	167.8
-82.5°	98.5	102.2	105.8	109.5	113.1	114.9	118.6	120.4	122.2	124.0	125.9
-85°	65.7	69.3	73.0	76.6	78.4	80.3	82.1	83.9	85.7	87.6	89.4
-87.5°	38.3	40.1	42.0	45.6	47.4	51.1	52.9	51.1	52.9	52.9	52.9
-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°	71.1	71.1	71.1	71.1	69.3	65.7	63.8	60.2	56.6	52.9	49.3
85°	147.8	149.6	149.6	149.6	145.9	144.1	138.6	133.2	125.9	114.9	105.8
82.5°	246.3	248.1	248.1	246.3	242.6	237.1	229.8	220.7	206.1	191.5	178.8
80°	370.3	372.1	372.1	370.3	361.2	352.1	342.9	332.0	313.8	293.7	271.8
77.5°	518.1	521.7	521.7	516.2	503.5	492.5	477.9	459.7	432.3	403.1	374.0
75°	689.5	698.7	700.5	695.0	678.6	658.5	634.8	603.8	561.9	525.4	490.7
72.5°	888.4	897.5	904.8	897.5	873.8	846.4	811.8	775.3	733.3	684.1	625.7
70°	1149.2	1158.4	1163.8	1140.1	1098.2	1052.6	1010.6	968.6	919.4	859.2	795.4
67.5°	1477.6	1468.5	1457.5	1410.1	1357.2	1302.5	1244.1	1182.1	1118.2	1054.4	979.6
65°	1793.2	1767.6	1743.9	1687.4	1619.9	1548.7	1481.2	1411.9	1335.3	1255.0	1183.9
62.5°	2125.2	2070.5	2012.1	1942.8	1873.5	1795.0	1727.5	1645.4	1559.7	1461.2	1370.0
60°	2451.7	2386.1	2327.7	2241.9	2150.7	2044.9	1972.0	1891.7	1791.4	1685.6	1577.9
57.5°	2767.3	2696.2	2632.3	2557.5	2459.0	2344.1	2263.8	2159.9	2054.0	1920.9	1811.4
55°	3103.0	3031.8	2980.7	2896.8	2789.2	2683.4	2595.8	2486.4	2338.6	2196.3	2061.3
52.5°	3487.9	3431.3	3376.6	3290.9	3161.3	3053.7	2957.0	2834.8	2679.7	2504.6	2342.3
50°	3918.4	3889.2	3830.8	3730.5	3582.7	3487.9	3360.2	3197.8	3031.8	2847.6	2645.1
47.5°	4489.4	4441.9	4359.8	4250.4	4126.3	3984.1	3812.6	3622.9	3387.5	3183.2	2968.0
45°	5171.6	5084.0	4978.2	4830.5	4677.2	4516.7	4328.8	4088.0	3772.4	3506.1	3279.9
42.5°	5910.4	5791.8	5647.7	5454.4	5255.5	5058.5	4856.0	4527.7	4133.6	3827.2	3571.8
40°	6682.0	6530.6	6350.0	6069.1	5848.4	5594.8	5363.1	4872.4	4452.9	4120.9	3849.1
37.5°	7437.3	7245.7	6942.9	6601.8	6344.6	6136.6	5627.7	5102.3	4726.5	4361.7	4086.2
35°	8015.5	7853.2	7318.7	6964.8	6744.1	6415.7	5779.1	5240.9	4843.2	4540.4	4111.7
32.5°	8358.5	7938.9	7470.1	7112.6	6930.1	6392.0	5790.0	5281.1	4898.0	4558.7	4046.1
30°	8281.9	7774.7	7364.3	7065.1	6669.3	6185.9	5687.9	5219.0	4846.9	4436.5	3973.1
27.5°	7820.3	7428.1	7061.5	6749.5	6361.0	5926.8	5467.1	5054.9	4708.3	4310.6	3872.8
25°	7298.6	6942.9	6671.1	6399.3	6030.8	5616.7	5211.7	4914.4	4566.0	4173.8	3741.4
22.5°	6818.9	6563.5	6350.0	6065.5	5706.1	5344.9	5093.2	4784.9	4427.3	4029.7	3606.4
20°	6512.4	6339.1	6094.7	5780.9	5498.1	5271.9	4992.8	4666.3	4297.8	3881.9	3491.5
17.5°	6364.6	6164.0	5892.2	5687.9	5470.8	5222.7	4910.7	4564.1	4171.9	3814.4	3504.3
15°	6288.0	6076.4	5897.6	5697.0	5452.5	5191.7	4845.1	4485.7	4171.9	3841.8	3513.4
12.5°	6304.4	6122.0	5926.8	5707.9	5445.2	5166.1	4852.4	4518.5	4193.8	3861.8	3515.2
10°	6355.5	6164.0	5956.0	5713.4	5448.9	5173.4	4872.4	4538.6	4204.8	3871.0	3511.6
7.5°	6373.8	6165.8	5943.2	5698.8	5439.8	5169.8	4876.1	4544.1	4206.6	3869.1	3500.6
5°	6317.2	6129.3	5914.1	5667.8	5414.2	5151.5	4861.5	4536.8	4192.0	3850.9	3473.3
2.5°	6240.6	6089.2	5883.0	5645.9	5388.7	5126.0	4837.8	4503.9	4159.2	3818.0	3438.6
0°	6227.8	6039.9	5832.0	5620.4	5346.7	5069.5	4783.1	4441.9	4099.0	3756.0	3378.4
-2.5°	6143.9	5945.1	5737.1	5507.3	5266.5	4987.4	4686.4	4352.5	4013.2	3675.8	3312.7
-5°	6080.1	5859.3	5638.6	5390.5	5147.9	4868.8	4556.9	4232.1	3900.1	3571.8	3221.5
-7.5°	5994.3	5768.1	5536.4	5277.4	5014.7	4730.1	4421.9	4097.2	3770.6	3444.1	3108.4
-10°	5821.0	5622.2	5405.1	5136.9	4859.7	4575.1	4268.6	3949.4	3622.9	3292.7	2955.2
-12.5°	5611.2	5401.5	5164.3	4918.0	4670.0	4405.4	4099.0	3785.2	3456.9	3124.9	2789.2
-15°	5339.4	5133.3	4890.7	4649.9	4410.9	4157.4	3887.4	3604.6	3270.8	2944.3	2608.6
-17.5°	5000.1	4806.8	4589.7	4359.8	4122.7	3867.3	3604.6	3365.6	3053.7	2747.2	2415.2
-20°	4635.3	4454.7	4259.5	4042.4	3805.3	3555.4	3307.3	3057.4	2787.4	2517.4	2209.1



REPORT NUMBER: P722315
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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°	4255.9	4073.4	3876.4	3673.9	3455.0	3223.4	2993.5	2754.5	2517.4	2273.0	2012.1
-25°	3818.0	3657.5	3476.9	3279.9	3084.7	2882.2	2663.3	2446.3	2243.8	2032.2	1818.7
-27.5°	3360.2	3212.4	3048.2	2876.8	2708.9	2539.3	2349.6	2148.9	1981.1	1806.0	1629.0
-30°	2878.6	2760.0	2626.8	2477.3	2347.7	2210.9	2052.2	1886.2	1733.0	1599.8	1457.5
-32.5°	2422.5	2322.2	2227.3	2128.8	2001.1	1895.3	1785.9	1663.7	1528.7	1402.8	1300.7
-35°	2030.3	1922.7	1882.6	1809.6	1718.4	1625.4	1545.1	1457.5	1355.4	1244.1	1160.2
-37.5°	1700.2	1636.3	1579.8	1539.6	1479.4	1404.6	1340.8	1276.9	1198.5	1114.6	1030.7
-40°	1442.9	1399.2	1337.1	1317.1	1278.8	1227.7	1162.0	1112.8	1059.9	996.0	924.9
-42.5°	1236.8	1204.0	1163.8	1129.2	1112.8	1076.3	1025.2	977.8	935.8	892.0	837.3
-45°	1067.2	1045.3	1019.7	988.7	975.9	946.8	910.3	857.4	833.7	797.2	757.0
-47.5°	930.3	919.4	901.2	881.1	862.8	841.0	808.1	775.3	742.4	718.7	687.7
-50°	822.7	815.4	804.5	788.1	764.3	749.7	727.9	698.7	667.7	647.6	625.7
-52.5°	737.0	729.7	722.4	709.6	691.4	676.8	658.5	634.8	609.3	589.2	571.0
-55°	671.3	660.4	654.9	643.9	629.3	612.9	596.5	580.1	558.2	540.0	521.7
-57.5°	620.2	605.6	598.3	589.2	574.6	558.2	545.4	529.0	514.4	494.4	477.9
-60°	580.1	563.7	549.1	540.0	527.2	510.8	498.0	485.2	470.6	454.2	434.2
-62.5°	547.3	527.2	507.1	496.2	483.4	468.8	456.0	443.3	428.7	412.3	394.0
-65°	516.2	492.5	467.0	456.0	443.3	428.7	412.3	403.1	390.4	375.8	357.5
-67.5°	477.9	452.4	430.5	417.7	405.0	392.2	377.6	368.5	355.7	337.5	319.2
-70°	421.4	405.0	390.4	379.4	368.5	357.5	342.9	328.4	313.8	297.3	280.9
-72.5°	350.2	344.8	342.9	337.5	324.7	311.9	297.3	282.8	270.0	257.2	244.4
-75°	282.8	286.4	290.0	288.2	275.5	262.7	249.9	237.1	228.0	217.1	206.1
-77.5°	224.4	228.0	231.7	231.7	222.6	215.3	206.1	197.0	189.7	180.6	169.7
-80°	173.3	178.8	184.2	187.9	180.6	175.1	167.8	160.5	153.2	145.9	138.6
-82.5°	131.3	136.8	142.3	145.9	140.5	136.8	131.3	125.9	120.4	113.1	107.6
-85°	94.9	98.5	102.2	104.0	100.3	96.7	93.0	89.4	85.7	80.3	76.6
-87.5°	54.7	56.6	58.4	60.2	56.6	52.9	51.1	47.4	45.6	42.0	40.1
-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°	45.6	42.0	38.3	36.5	32.8	27.4	23.7	20.1	16.4	12.8	10.9
85°	96.7	87.6	76.6	71.1	63.8	56.6	49.3	42.0	34.7	27.4	20.1
82.5°	166.0	155.1	144.1	131.3	114.9	94.9	74.8	62.0	51.1	40.1	31.0
80°	249.9	229.8	211.6	195.2	176.9	151.4	124.0	98.5	69.3	52.9	40.1
77.5°	346.6	322.9	297.3	270.0	240.8	206.1	175.1	142.3	107.6	73.0	51.1
75°	456.0	425.0	390.4	352.1	313.8	268.2	224.4	186.1	145.9	102.2	62.0
72.5°	578.3	540.0	498.0	446.9	386.7	333.8	280.9	229.8	182.4	129.5	83.9
70°	735.2	675.0	612.9	558.2	481.6	397.7	335.7	277.3	217.1	158.7	105.8
67.5°	903.0	830.0	755.2	675.0	578.3	479.8	390.4	324.7	253.6	186.1	125.9
65°	1085.4	994.2	899.3	809.9	676.8	560.0	459.7	370.3	288.2	211.6	145.9
62.5°	1273.3	1165.7	1056.2	939.5	786.2	642.1	525.4	421.4	321.1	235.3	164.2
60°	1474.0	1348.1	1214.9	1069.0	890.2	731.5	587.4	474.3	355.7	259.0	184.2
57.5°	1685.6	1548.7	1391.9	1194.9	997.8	817.2	658.5	521.7	386.7	280.9	198.8
55°	1915.4	1758.5	1587.1	1326.2	1103.6	903.0	729.7	569.2	419.6	299.2	213.4
52.5°	2163.5	1981.1	1764.0	1464.8	1214.9	990.5	795.4	611.1	450.6	319.2	226.2
50°	2440.8	2210.9	1919.1	1592.5	1311.6	1072.6	861.0	656.7	476.1	341.1	237.1
47.5°	2729.0	2480.9	2057.7	1711.1	1410.1	1152.9	928.5	696.8	501.7	359.4	248.1
45°	3030.0	2668.8	2201.8	1816.9	1495.8	1225.9	979.6	733.3	532.7	375.8	257.2
42.5°	3327.3	2811.1	2327.7	1922.7	1576.1	1291.5	1021.6	768.0	558.2	392.2	266.3
40°	3467.8	2918.7	2428.0	1995.7	1643.6	1349.9	1058.0	799.0	580.1	403.1	275.5
37.5°	3526.2	2984.4	2493.7	2065.0	1696.5	1380.9	1089.0	826.4	598.3	414.1	282.8
35°	3538.9	3008.1	2526.5	2112.4	1740.3	1410.1	1112.8	846.4	612.9	425.0	290.0
32.5°	3515.2	3000.8	2535.6	2128.8	1767.6	1432.0	1129.2	861.0	623.9	436.0	297.3
30°	3462.3	2962.5	2502.8	2127.0	1787.7	1444.8	1140.1	872.0	634.8	443.3	301.0
27.5°	3376.6	2895.0	2460.8	2128.8	1798.7	1450.2	1145.6	877.4	642.1	448.8	308.3
25°	3270.8	2803.8	2462.7	2125.2	1800.5	1452.1	1145.6	877.4	643.9	450.6	313.8
22.5°	3148.6	2803.8	2462.7	2119.7	1789.5	1448.4	1140.1	873.8	643.9	454.2	319.2
20°	3155.9	2805.6	2457.2	2108.8	1773.1	1437.5	1127.4	864.7	638.5	459.7	322.9
17.5°	3161.3	2802.0	2446.3	2094.2	1751.2	1419.2	1110.9	851.9	638.5	465.2	324.7
15°	3161.3	2791.0	2429.8	2072.3	1723.9	1393.7	1087.2	841.0	640.3	467.0	328.4
12.5°	3155.9	2771.0	2404.3	2043.1	1691.0	1362.7	1072.6	837.3	640.3	468.8	328.4
10°	3144.9	2743.6	2371.5	2006.6	1660.0	1351.7	1065.3	830.0	636.6	468.8	328.4
7.5°	3124.9	2710.8	2344.1	1984.7	1641.8	1339.0	1054.4	819.1	631.2	465.2	332.0
5°	3093.8	2692.5	2322.2	1959.2	1616.2	1329.8	1047.1	809.9	627.5	465.2	328.4
2.5°	3053.7	2670.6	2296.7	1926.4	1587.1	1298.8	1023.4	789.9	614.8	457.9	324.7
0°	2988.0	2626.8	2252.9	1880.7	1546.9	1267.8	999.7	769.8	602.0	450.6	321.1
-2.5°	2927.8	2568.5	2196.3	1833.3	1508.6	1240.5	981.4	758.9	596.5	448.8	319.2
-5°	2843.9	2488.2	2121.5	1771.3	1457.5	1213.1	963.2	746.1	591.0	445.1	319.2
-7.5°	2750.9	2404.3	2043.1	1707.5	1406.5	1165.7	928.5	726.0	578.3	437.8	317.4
-10°	2606.8	2278.4	1944.6	1634.5	1351.7	1123.7	899.3	707.8	567.3	430.5	310.1
-12.5°	2453.5	2139.8	1831.5	1545.1	1289.7	1079.9	866.5	687.7	554.6	423.2	306.5
-15°	2291.2	1997.5	1712.9	1452.1	1222.2	1027.0	831.8	665.8	541.8	414.1	301.0
-17.5°	2121.5	1847.9	1590.7	1357.2	1154.7	972.3	795.4	645.8	527.2	405.0	295.5
-20°	1942.8	1694.7	1466.7	1260.5	1083.6	917.6	757.0	622.1	510.8	394.0	288.2



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1765.8	1543.3	1339.0	1165.7	1010.6	861.0	718.7	598.3	492.5	381.3	282.8
-25°	1608.9	1401.0	1225.9	1074.5	939.5	806.3	678.6	574.6	472.5	368.5	275.5
-27.5°	1455.7	1278.8	1114.6	988.7	870.1	753.4	640.3	549.1	452.4	353.9	268.2
-30°	1313.4	1162.0	1027.0	904.8	804.5	706.0	607.5	523.5	430.5	339.3	259.0
-32.5°	1183.9	1061.7	948.6	831.8	742.4	658.5	576.4	498.0	408.6	324.7	249.9
-35°	1063.5	968.6	870.1	771.6	680.4	614.8	543.6	470.6	388.6	308.3	240.8
-37.5°	955.9	879.3	800.8	716.9	638.5	572.8	512.6	443.3	368.5	293.7	231.7
-40°	862.8	800.8	731.5	664.0	598.3	536.3	481.6	415.9	348.4	282.8	222.6
-42.5°	777.1	729.7	673.1	616.6	558.2	503.5	450.6	386.7	328.4	270.0	213.4
-45°	711.4	664.0	618.4	567.3	518.1	470.6	417.7	361.2	310.1	255.4	204.3
-47.5°	649.4	607.5	565.5	523.5	483.4	439.6	386.7	339.3	290.0	242.6	197.0
-50°	594.7	554.6	518.1	481.6	446.9	405.0	355.7	317.4	273.6	229.8	187.9
-52.5°	543.6	509.0	472.5	443.3	414.1	372.1	332.0	295.5	257.2	215.3	178.8
-55°	498.0	465.2	432.3	405.0	377.6	341.1	308.3	277.3	240.8	204.3	169.7
-57.5°	454.2	426.9	395.9	370.3	342.9	313.8	286.4	257.2	224.4	193.4	160.5
-60°	414.1	388.6	361.2	335.7	311.9	288.2	262.7	239.0	209.8	180.6	151.4
-62.5°	374.0	352.1	328.4	302.8	284.6	262.7	242.6	218.9	195.2	169.7	135.0
-65°	337.5	317.4	295.5	273.6	257.2	240.8	222.6	200.7	180.6	156.9	120.4
-67.5°	301.0	282.8	264.5	246.3	231.7	218.9	200.7	184.2	167.8	142.3	105.8
-70°	266.3	251.7	235.3	220.7	209.8	195.2	182.4	167.8	153.2	124.0	89.4
-72.5°	233.5	218.9	206.1	195.2	186.1	173.3	162.4	151.4	131.3	104.0	74.8
-75°	195.2	186.1	178.8	169.7	160.5	151.4	142.3	129.5	109.5	83.9	58.4
-77.5°	160.5	155.1	149.6	142.3	135.0	127.7	116.7	104.0	87.6	65.7	47.4
-80°	131.3	125.9	122.2	114.9	109.5	102.2	91.2	80.3	63.8	51.1	38.3
-82.5°	100.3	96.7	93.0	89.4	83.9	76.6	65.7	56.6	47.4	38.3	29.2
-85°	71.1	69.3	65.7	62.0	56.6	51.1	43.8	38.3	32.8	25.5	20.1
-87.5°	36.5	34.7	32.8	31.0	29.2	25.5	21.9	18.2	16.4	12.8	9.1
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	7.3	5.5	1.8	0.0
85°	14.6	9.1	3.6	0.0
82.5°	21.9	14.6	5.5	0.0
80°	29.2	18.2	9.1	0.0
77.5°	36.5	21.9	10.9	0.0
75°	43.8	27.4	12.8	0.0
72.5°	49.3	31.0	14.6	0.0
70°	58.4	36.5	16.4	0.0
67.5°	73.0	40.1	18.2	0.0
65°	85.7	43.8	20.1	0.0
62.5°	100.3	47.4	21.9	0.0
60°	113.1	51.1	23.7	0.0
57.5°	125.9	60.2	25.5	0.0
55°	136.8	67.5	27.4	0.0
52.5°	149.6	74.8	29.2	0.0
50°	160.5	82.1	31.0	0.0
47.5°	169.7	89.4	31.0	0.0
45°	176.9	94.9	32.8	0.0
42.5°	182.4	100.3	34.7	0.0
40°	187.9	105.8	36.5	0.0
37.5°	193.4	111.3	36.5	0.0
35°	198.8	116.7	38.3	0.0
32.5°	204.3	122.2	38.3	0.0
30°	208.0	125.9	40.1	0.0
27.5°	213.4	129.5	40.1	0.0
25°	215.3	133.2	42.0	0.0
22.5°	218.9	135.0	42.0	0.0
20°	222.6	138.6	42.0	0.0
17.5°	224.4	140.5	43.8	0.0
15°	224.4	142.3	45.6	0.0
12.5°	226.2	144.1	45.6	0.0
10°	226.2	147.8	43.8	0.0
7.5°	229.8	145.9	43.8	0.0
5°	228.0	145.9	43.8	0.0
2.5°	226.2	144.1	43.8	0.0
0°	224.4	144.1	43.8	0.0
-2.5°	224.4	144.1	43.8	0.0
-5°	224.4	144.1	43.8	0.0
-7.5°	222.6	145.9	43.8	0.0
-10°	218.9	145.9	43.8	0.0
-12.5°	217.1	140.5	43.8	0.0
-15°	215.3	138.6	43.8	0.0
-17.5°	211.6	136.8	42.0	0.0
-20°	208.0	135.0	42.0	0.0



REPORT NUMBER: P722315
 CATALOG NUMBER: IFLD-S-SA3D-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	204.3	131.3	42.0	0.0
-25°	200.7	127.7	40.1	0.0
-27.5°	197.0	124.0	40.1	0.0
-30°	191.5	120.4	38.3	0.0
-32.5°	186.1	116.7	38.3	0.0
-35°	182.4	111.3	36.5	0.0
-37.5°	176.9	105.8	36.5	0.0
-40°	171.5	100.3	34.7	0.0
-42.5°	166.0	94.9	32.8	0.0
-45°	158.7	89.4	32.8	0.0
-47.5°	153.2	83.9	31.0	0.0
-50°	144.1	76.6	29.2	0.0
-52.5°	133.2	69.3	27.4	0.0
-55°	122.2	63.8	25.5	0.0
-57.5°	111.3	56.6	25.5	0.0
-60°	100.3	49.3	23.7	0.0
-62.5°	89.4	45.6	21.9	0.0
-65°	78.4	42.0	20.1	0.0
-67.5°	65.7	36.5	18.2	0.0
-70°	54.7	32.8	16.4	0.0
-72.5°	47.4	29.2	14.6	0.0
-75°	40.1	25.5	12.8	0.0
-77.5°	34.7	21.9	10.9	0.0
-80°	27.4	16.4	7.3	0.0
-82.5°	20.1	12.8	5.5	0.0
-85°	12.8	9.1	3.6	0.0
-87.5°	7.3	3.6	1.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)