

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: P722084

Luminaire Tested: **IFLD-S-SA3E-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722084
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

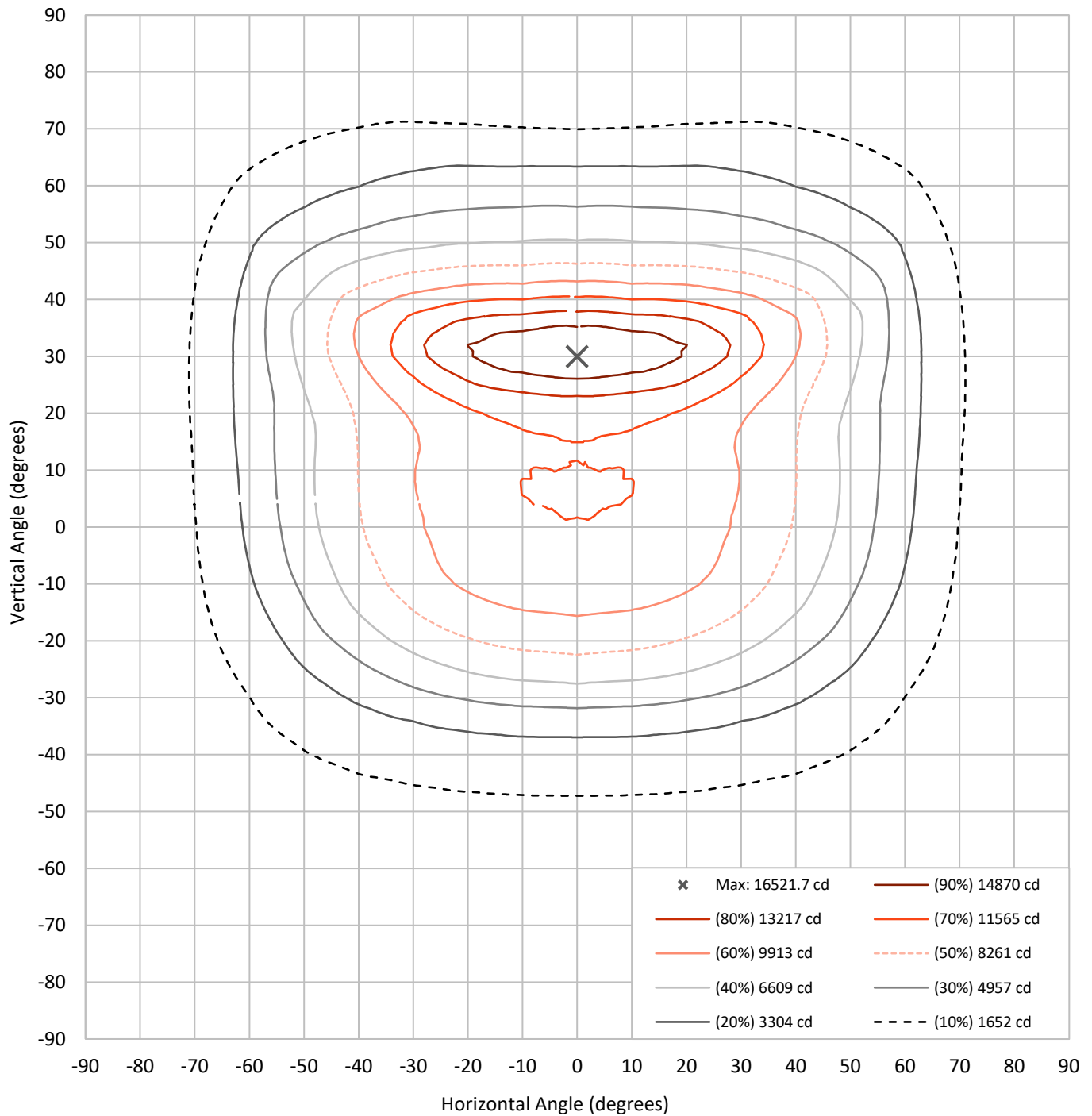
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27578.9 lumens	Max Intensity:	16521.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16037.4 lumens	Field Lumens:	25845 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 232.1
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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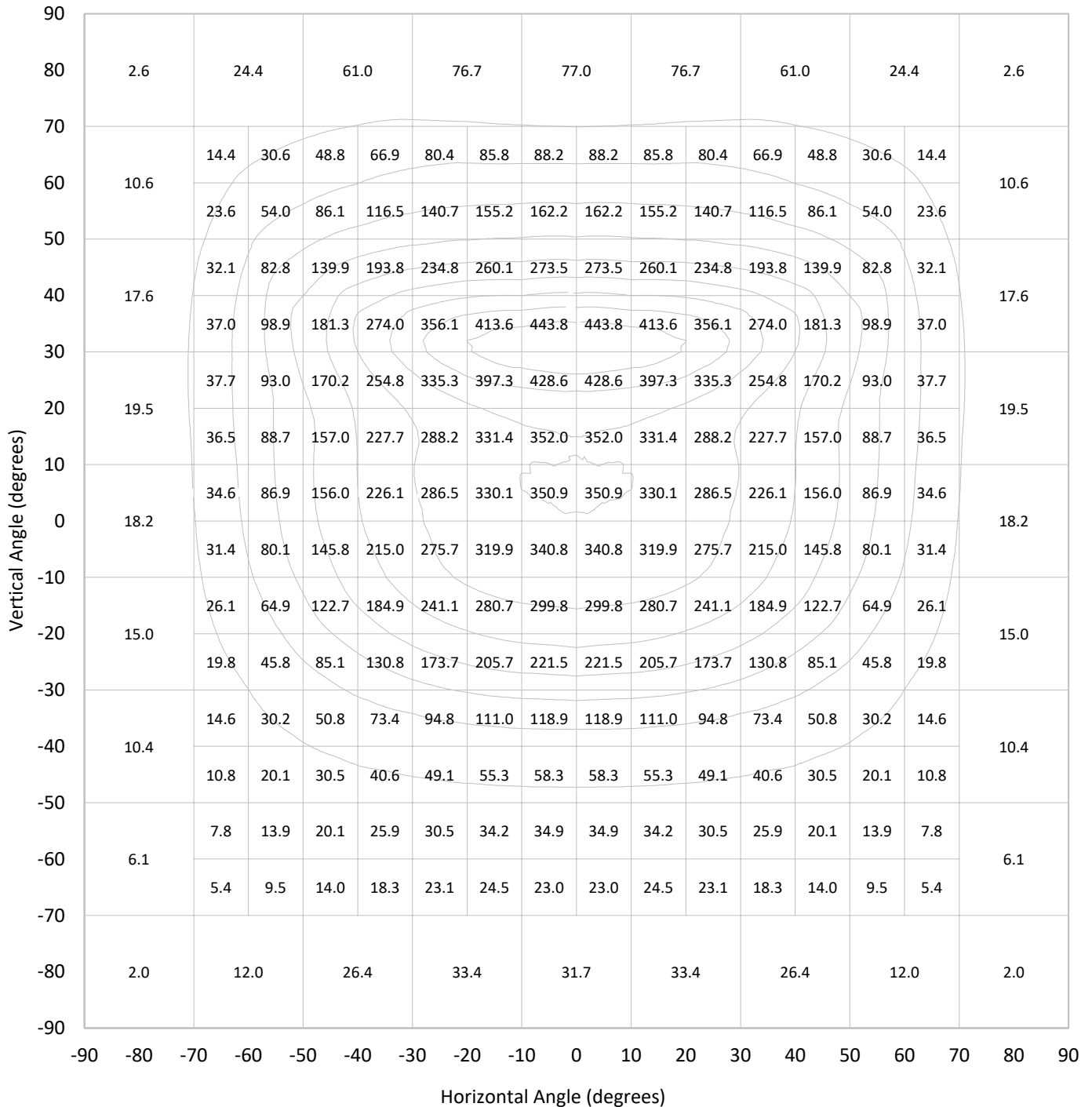
Iso-Candela Plot





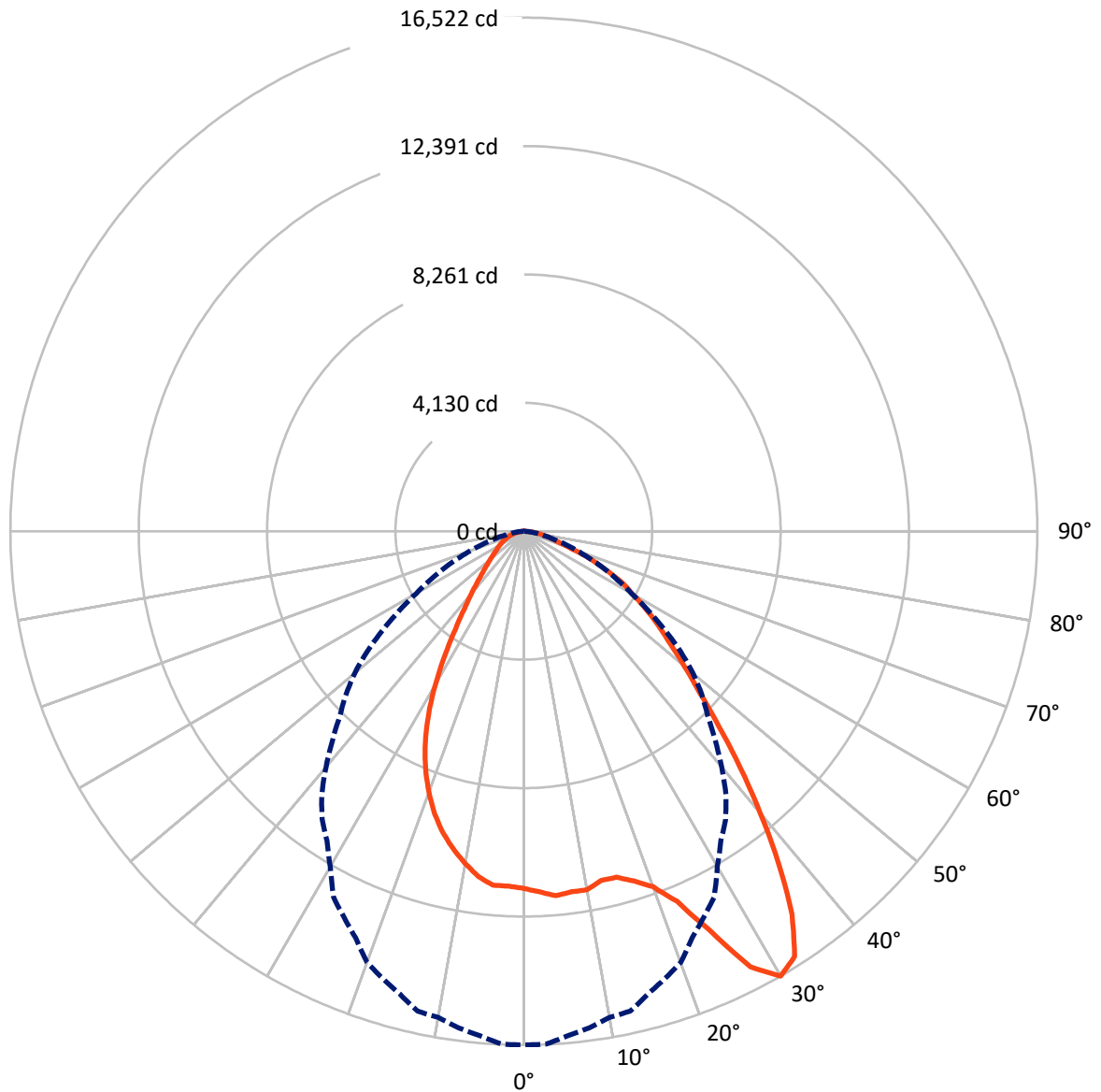
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Lumen Table



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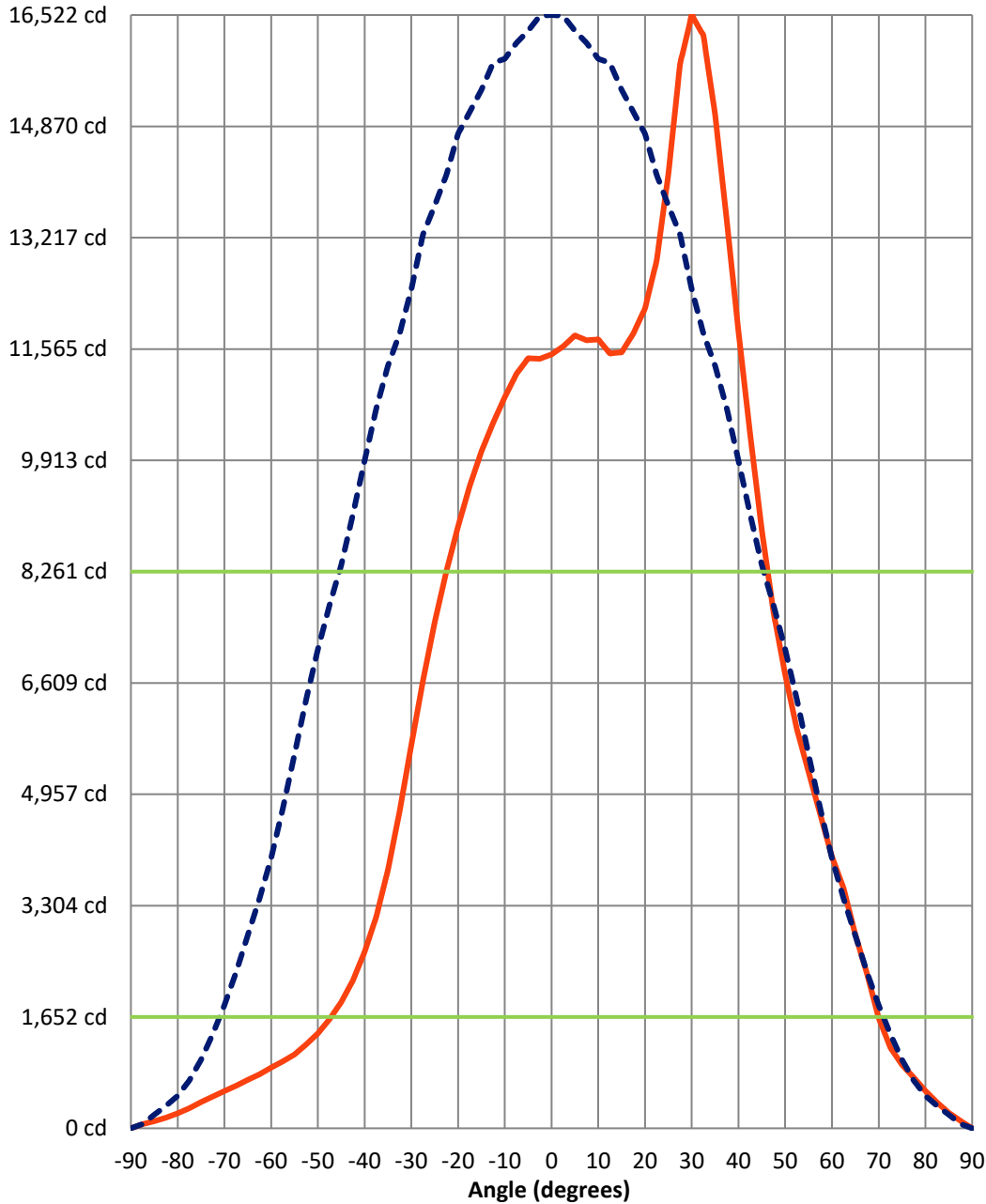
Luminous Intensity Polar Plot



— 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: 16037.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 25845
 Efficiency: 93.7%

Spill:
 Lumens: 1733.9
 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°	111.0	113.9	116.9	116.9	113.9	113.9	113.9	111.0	113.9	113.9	113.9
85°	230.8	236.7	242.5	239.6	236.7	230.8	225.0	227.9	230.8	233.7	233.7
82.5°	382.7	391.5	397.3	394.4	388.6	382.7	376.9	379.8	385.7	388.6	388.6
80°	555.1	558.0	560.9	566.8	558.0	558.0	555.1	566.8	572.6	578.5	584.3
77.5°	753.8	756.7	756.7	759.6	762.5	765.5	765.5	785.9	800.5	809.3	818.1
75°	940.8	949.5	958.3	967.1	978.7	984.6	993.3	1022.6	1045.9	1063.5	1081.0
72.5°	1197.9	1209.5	1224.2	1244.6	1265.1	1279.7	1300.1	1335.2	1361.5	1379.0	1399.5
70°	1639.0	1650.7	1665.3	1679.9	1700.4	1715.0	1735.4	1779.3	1805.6	1817.2	1828.9
67.5°	2293.5	2322.7	2349.0	2319.8	2305.2	2284.7	2290.5	2331.4	2357.7	2375.3	2372.3
65°	2874.9	2895.3	2895.3	2892.4	2880.7	2854.4	2869.0	2918.7	2947.9	2962.5	2918.7
62.5°	3558.5	3558.5	3543.9	3567.3	3570.2	3552.7	3543.9	3546.8	3549.8	3558.5	3485.5
60°	4031.8	4061.0	4069.8	4090.3	4096.1	4096.1	4110.7	4122.4	4122.4	4104.9	4020.1
57.5°	4657.1	4712.6	4724.2	4709.6	4680.4	4642.4	4636.6	4619.1	4584.0	4549.0	4508.0
55°	5288.1	5317.3	5314.4	5305.6	5276.4	5232.6	5238.5	5215.1	5159.6	5115.7	5060.2
52.5°	5922.1	5992.2	6003.9	5986.4	5945.5	5898.7	5901.7	5875.4	5819.9	5773.1	5697.1
50°	6731.4	6789.8	6784.0	6754.8	6696.3	6661.3	6664.2	6614.5	6550.3	6535.6	6436.3
47.5°	7657.5	7724.7	7713.1	7672.2	7593.3	7578.7	7593.3	7529.0	7491.0	7458.9	7342.0
45°	8872.9	8951.8	8908.0	8829.1	8703.5	8718.1	8738.5	8726.9	8645.1	8560.3	8411.3
42.5°	10298.7	10348.4	10295.8	10216.9	10059.1	10088.3	10076.6	10006.5	9956.9	9816.6	9626.7
40°	11823.8	11931.9	11850.1	11727.4	11563.7	11607.6	11575.4	11484.9	11368.0	11192.7	10953.1
37.5°	13468.6	13553.4	13459.9	13316.7	13170.6	13156.0	13091.7	12951.5	12785.0	12592.2	12209.4
35°	15043.4	15262.5	15090.1	14862.2	14684.0	14616.8	14555.5	14231.2	14041.3	13728.7	13205.7
32.5°	16214.9	16375.6	16162.4	15925.7	15709.5	15616.0	15399.8	15014.2	14911.9	14254.5	13775.4
30°	16521.7	16510.0	16288.0	16106.8	15873.1	15808.8	15411.5	15084.3	14757.1	14149.4	13693.6
27.5°	15791.3	15718.3	15505.0	15347.2	15116.4	15040.5	14649.0	14473.7	13968.2	13454.0	13068.4
25°	14164.0	14202.0	14041.3	13962.4	13810.5	13646.9	13492.0	13255.4	12939.8	12489.9	12136.4
22.5°	12881.4	12931.1	12863.9	12770.4	12653.5	12562.9	12446.1	12262.0	11958.2	11680.6	11347.5
20°	12168.5	12153.9	12095.5	12025.4	11914.3	11850.1	11721.5	11566.7	11332.9	11093.4	10734.0
17.5°	11794.5	11704.0	11648.5	11622.2	11563.7	11481.9	11330.0	11172.2	10991.1	10719.4	10456.5
15°	11517.0	11531.6	11487.8	11467.3	11420.6	11306.6	11151.8	11023.2	10777.8	10640.5	10400.9
12.5°	11499.5	11484.9	11487.8	11479.0	11420.6	11274.5	11195.6	11032.0	10874.2	10693.1	10418.5
10°	11706.9	11552.1	11563.7	11604.6	11511.2	11394.3	11309.6	11131.3	10982.3	10751.5	10479.8
7.5°	11695.2	11616.3	11639.7	11572.5	11601.7	11458.6	11341.7	11163.5	10976.5	10731.1	10485.7
5°	11765.3	11645.5	11625.1	11630.9	11557.9	11449.8	11292.0	11122.6	10947.3	10672.7	10421.4
2.5°	11604.6	11622.2	11528.7	11493.6	11484.9	11303.7	11157.6	10994.0	10812.9	10570.4	10345.4
0°	11484.9	11517.0	11420.6	11370.9	11368.0	11213.1	11119.7	10932.7	10804.1	10602.5	10330.8
-2.5°	11420.6	11458.6	11470.3	11379.7	11292.0	11172.2	11014.5	10812.9	10602.5	10368.8	10135.1
-5°	11426.4	11350.5	11318.3	11347.5	11271.6	11151.8	10976.5	10798.3	10590.8	10339.6	10047.4
-7.5°	11195.6	11119.7	11113.8	11099.2	11081.7	10967.7	10821.7	10628.8	10418.5	10184.7	9913.0
-10°	10850.9	10795.4	10780.8	10766.1	10719.4	10652.2	10514.9	10339.6	10149.7	9916.0	9626.7
-12.5°	10468.1	10441.8	10386.3	10348.4	10301.6	10222.7	10091.2	9930.6	9740.7	9533.2	9284.9
-15°	10044.5	9994.8	9939.3	9907.2	9840.0	9746.5	9615.0	9466.0	9258.6	9054.1	8820.3
-17.5°	9533.2	9471.9	9410.5	9401.7	9355.0	9211.8	9089.1	8908.0	8726.9	8531.1	8303.2
-20°	8931.4	8846.6	8805.7	8782.4	8718.1	8612.9	8481.4	8314.9	8139.6	7952.6	7689.7



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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°	8265.2	8192.2	8122.1	8078.3	8022.7	7940.9	7815.3	7669.2	7496.9	7286.5	7044.0
-25°	7508.5	7406.3	7362.5	7312.8	7283.6	7207.6	7084.9	6950.5	6772.3	6567.8	6337.0
-27.5°	6643.7	6561.9	6538.6	6468.5	6433.4	6354.5	6252.3	6126.6	5963.0	5770.2	5580.3
-30°	5688.4	5638.7	5600.7	5530.6	5504.3	5419.6	5352.4	5247.2	5098.2	4960.9	4809.0
-32.5°	4706.7	4657.1	4645.4	4613.2	4595.7	4540.2	4464.2	4388.3	4268.5	4166.2	4043.5
-35°	3836.1	3801.0	3803.9	3801.0	3783.5	3742.6	3649.1	3628.6	3541.0	3447.5	3368.6
-37.5°	3140.7	3143.7	3140.7	3137.8	3114.4	3096.9	3029.7	3003.4	2950.8	2860.3	2813.5
-40°	2617.8	2623.6	2620.7	2614.8	2588.5	2579.8	2536.0	2500.9	2480.4	2416.2	2366.5
-42.5°	2194.1	2202.9	2200.0	2197.1	2179.5	2176.6	2153.2	2112.3	2100.6	2062.7	2010.1
-45°	1872.8	1869.8	1864.0	1869.8	1861.1	1852.3	1837.7	1811.4	1796.8	1779.3	1735.4
-47.5°	1618.6	1621.5	1615.7	1615.7	1604.0	1595.2	1589.4	1571.8	1560.1	1545.5	1519.2
-50°	1408.2	1419.9	1417.0	1414.1	1405.3	1399.5	1399.5	1381.9	1364.4	1358.5	1341.0
-52.5°	1244.6	1253.4	1256.3	1262.1	1265.1	1268.0	1259.2	1241.7	1212.5	1209.5	1200.8
-55°	1095.6	1121.9	1139.4	1151.1	1162.8	1171.6	1154.0	1130.7	1101.4	1089.8	1086.8
-57.5°	993.3	1019.6	1040.1	1057.6	1072.2	1086.8	1069.3	1045.9	1019.6	1005.0	1002.1
-60°	899.9	923.2	943.7	967.1	987.5	1010.9	1002.1	984.6	970.0	958.3	946.6
-62.5°	800.5	823.9	847.3	876.5	902.8	926.2	929.1	926.2	923.2	926.2	905.7
-65°	718.7	730.4	745.0	777.1	806.4	832.7	847.3	856.0	870.6	885.2	864.8
-67.5°	631.1	645.7	663.2	686.6	710.0	727.5	747.9	771.3	794.7	818.1	803.4
-70°	552.2	563.9	578.5	590.2	604.8	616.5	634.0	660.3	686.6	710.0	704.1
-72.5°	470.4	482.1	490.8	496.7	505.4	511.3	520.0	543.4	560.9	572.6	572.6
-75°	388.6	400.3	409.0	411.9	417.8	420.7	426.6	435.3	444.1	447.0	449.9
-77.5°	298.0	309.7	318.5	324.3	330.1	336.0	338.9	344.8	347.7	347.7	350.6
-80°	222.0	230.8	236.7	245.4	248.3	254.2	260.0	262.9	265.9	265.9	268.8
-82.5°	157.8	163.6	169.5	175.3	181.1	184.1	189.9	192.8	195.7	198.7	201.6
-85°	105.2	111.0	116.9	122.7	125.6	128.6	131.5	134.4	137.3	140.2	143.2
-87.5°	61.4	64.3	67.2	73.0	76.0	81.8	84.7	81.8	84.7	84.7	84.7
-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):

	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°	113.9	113.9	113.9	113.9	111.0	105.2	102.3	96.4	90.6	84.7	78.9
85°	236.7	239.6	239.6	239.6	233.7	230.8	222.0	213.3	201.6	184.1	169.5
82.5°	394.4	397.3	397.3	394.4	388.6	379.8	368.1	353.5	330.1	306.8	286.3
80°	593.1	596.0	596.0	593.1	578.5	563.9	549.3	531.7	502.5	470.4	435.3
77.5°	829.7	835.6	835.6	826.8	806.4	788.8	765.5	736.2	692.4	645.7	598.9
75°	1104.4	1119.0	1121.9	1113.1	1086.8	1054.7	1016.7	967.1	899.9	841.4	785.9
72.5°	1422.8	1437.4	1449.1	1437.4	1399.5	1355.6	1300.1	1241.7	1174.5	1095.6	1002.1
70°	1840.6	1855.2	1864.0	1826.0	1758.8	1685.8	1618.6	1551.4	1472.5	1376.1	1273.8
67.5°	2366.5	2351.9	2334.4	2258.4	2173.7	2086.0	1992.5	1893.2	1790.9	1688.7	1568.9
65°	2871.9	2831.0	2793.1	2702.5	2594.4	2480.4	2372.3	2261.3	2138.6	2010.1	1896.1
62.5°	3403.7	3316.0	3222.5	3111.5	3000.5	2874.9	2766.8	2635.3	2498.0	2340.2	2194.1
60°	3926.6	3821.5	3728.0	3590.7	3444.6	3275.1	3158.3	3029.7	2869.0	2699.6	2527.2
57.5°	4432.1	4318.1	4215.9	4096.1	3938.3	3754.3	3625.7	3459.2	3289.7	3076.5	2901.2
55°	4969.7	4855.7	4773.9	4639.5	4467.1	4297.7	4157.5	3982.2	3745.5	3517.6	3301.4
52.5°	5586.1	5495.6	5407.9	5270.6	5063.2	4890.8	4735.9	4540.2	4291.8	4011.4	3751.4
50°	6275.6	6228.9	6135.4	5974.7	5738.0	5586.1	5381.6	5121.6	4855.7	4560.6	4236.3
47.5°	7190.1	7114.1	6982.7	6807.4	6608.7	6380.8	6106.2	5802.3	5425.4	5098.2	4753.5
45°	8282.8	8142.5	7973.1	7736.4	7491.0	7233.9	6933.0	6547.3	6041.9	5615.3	5253.1
42.5°	9466.0	9276.1	9045.3	8735.6	8417.2	8101.6	7777.3	7251.4	6620.4	6129.5	5720.5
40°	10701.9	10459.4	10170.1	9720.2	9366.7	8960.6	8589.5	7803.6	7131.7	6599.9	6164.6
37.5°	11911.4	11604.6	11119.7	10573.3	10161.4	9828.3	9013.2	8171.8	7569.9	6985.6	6544.4
35°	12837.6	12577.5	11721.5	11154.7	10801.2	10275.3	9255.7	8393.8	7756.9	7271.9	6585.3
32.5°	13386.8	12714.9	11964.0	11391.4	11099.2	10237.3	9273.2	8458.1	7844.5	7301.1	6480.1
30°	13264.1	12451.9	11794.5	11315.4	10681.4	9907.2	9109.6	8358.7	7762.7	7105.4	6363.3
27.5°	12525.0	11896.8	11309.6	10810.0	10187.7	9492.3	8756.1	8095.8	7540.7	6903.8	6202.6
25°	11689.4	11119.7	10684.3	10249.0	9658.9	8995.6	8347.0	7870.8	7312.8	6684.6	5992.2
22.5°	10921.0	10512.0	10170.1	9714.4	9138.8	8560.3	8157.1	7663.4	7090.8	6453.8	5776.0
20°	10430.2	10152.6	9761.1	9258.6	8805.7	8443.5	7996.5	7473.5	6883.3	6217.2	5592.0
17.5°	10193.5	9872.1	9436.8	9109.6	8761.9	8364.6	7865.0	7309.9	6681.7	6109.1	5612.4
15°	10070.8	9731.9	9445.6	9124.2	8732.7	8314.9	7759.8	7184.2	6681.7	6152.9	5627.0
12.5°	10097.1	9804.9	9492.3	9141.7	8721.0	8274.0	7771.5	7236.8	6716.8	6185.1	5629.9
10°	10178.9	9872.1	9539.1	9150.5	8726.9	8285.7	7803.6	7269.0	6734.3	6199.7	5624.1
7.5°	10208.1	9875.1	9518.6	9127.1	8712.2	8279.8	7809.5	7277.7	6737.2	6196.7	5606.6
5°	10117.5	9816.6	9471.9	9077.5	8671.3	8250.6	7786.1	7266.1	6713.9	6167.5	5562.8
2.5°	9994.8	9752.3	9422.2	9042.4	8630.4	8209.7	7748.1	7213.5	6661.3	6114.9	5507.2
0°	9974.4	9673.5	9340.4	9001.5	8563.2	8119.2	7660.5	7114.1	6564.9	6015.6	5410.8
-2.5°	9840.0	9521.5	9188.5	8820.3	8434.7	7987.7	7505.6	6971.0	6427.5	5887.0	5305.6
-5°	9737.7	9384.2	9030.7	8633.4	8244.8	7797.8	7298.2	6778.1	6246.4	5720.5	5159.6
-7.5°	9600.4	9238.1	8867.1	8452.2	8031.5	7575.7	7082.0	6561.9	6039.0	5516.0	4978.4
-10°	9322.9	9004.4	8656.7	8227.3	7783.2	7327.4	6836.6	6325.3	5802.3	5273.5	4733.0
-12.5°	8986.9	8650.9	8271.1	7876.7	7479.3	7055.7	6564.9	6062.3	5536.5	5004.7	4467.1
-15°	8551.6	8221.4	7832.8	7447.2	7064.5	6658.4	6226.0	5773.1	5238.5	4715.5	4177.9
-17.5°	8008.1	7698.4	7350.8	6982.7	6602.8	6193.8	5773.1	5390.4	4890.8	4399.9	3868.2
-20°	7423.8	7134.6	6822.0	6474.3	6094.5	5694.2	5296.9	4896.6	4464.2	4031.8	3538.1



REPORT NUMBER: P722084

CATALOG NUMBER: IFLD-S-SA3E-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°	6816.1	6524.0	6208.4	5884.1	5533.5	5162.5	4794.4	4411.6	4031.8	3640.3	3222.5
-25°	6114.9	5857.8	5568.6	5253.1	4940.4	4616.1	4265.6	3917.9	3593.6	3254.7	2912.8
-27.5°	5381.6	5145.0	4882.0	4607.4	4338.6	4066.9	3763.0	3441.7	3172.9	2892.4	2609.0
-30°	4610.3	4420.4	4207.1	3967.5	3760.1	3541.0	3286.8	3020.9	2775.5	2562.3	2334.4
-32.5°	3879.9	3719.2	3567.3	3409.5	3205.0	3035.6	2860.3	2664.5	2448.3	2246.7	2083.1
-35°	3251.8	3079.4	3015.1	2898.2	2752.2	2603.2	2474.6	2334.4	2170.8	1992.5	1858.1
-37.5°	2722.9	2620.7	2530.1	2465.8	2369.4	2249.6	2147.4	2045.1	1919.5	1785.1	1650.7
-40°	2311.0	2240.9	2141.5	2109.4	2048.1	1966.2	1861.1	1782.2	1697.5	1595.2	1481.3
-42.5°	1980.9	1928.3	1864.0	1808.5	1782.2	1723.8	1641.9	1566.0	1498.8	1428.7	1341.0
-45°	1709.1	1674.1	1633.2	1583.5	1563.1	1516.3	1457.9	1373.2	1335.2	1276.7	1212.5
-47.5°	1490.0	1472.5	1443.3	1411.1	1381.9	1346.9	1294.3	1241.7	1189.1	1151.1	1101.4
-50°	1317.6	1306.0	1288.4	1262.1	1224.2	1200.8	1165.7	1119.0	1069.3	1037.2	1002.1
-52.5°	1180.3	1168.6	1157.0	1136.5	1107.3	1083.9	1054.7	1016.7	975.8	943.7	914.5
-55°	1075.2	1057.6	1048.9	1031.3	1008.0	981.7	955.4	929.1	894.0	864.8	835.6
-57.5°	993.3	970.0	958.3	943.7	920.3	894.0	873.6	847.3	823.9	791.8	765.5
-60°	929.1	902.8	879.4	864.8	844.3	818.1	797.6	777.1	753.8	727.5	695.3
-62.5°	876.5	844.3	812.2	794.7	774.2	750.9	730.4	710.0	686.6	660.3	631.1
-65°	826.8	788.8	747.9	730.4	710.0	686.6	660.3	645.7	625.2	601.9	572.6
-67.5°	765.5	724.6	689.5	669.0	648.6	628.1	604.8	590.2	569.7	540.5	511.3
-70°	674.9	648.6	625.2	607.7	590.2	572.6	549.3	525.9	502.5	476.2	449.9
-72.5°	560.9	552.2	549.3	540.5	520.0	499.6	476.2	452.8	432.4	411.9	391.5
-75°	452.8	458.7	464.5	461.6	441.2	420.7	400.3	379.8	365.2	347.7	330.1
-77.5°	359.4	365.2	371.0	371.0	356.4	344.8	330.1	315.5	303.8	289.2	271.7
-80°	277.6	286.3	295.1	300.9	289.2	280.5	268.8	257.1	245.4	233.7	222.0
-82.5°	210.4	219.1	227.9	233.7	225.0	219.1	210.4	201.6	192.8	181.1	172.4
-85°	151.9	157.8	163.6	166.5	160.7	154.8	149.0	143.2	137.3	128.6	122.7
-87.5°	87.6	90.6	93.5	96.4	90.6	84.7	81.8	76.0	73.0	67.2	64.3
-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°	73.0	67.2	61.4	58.4	52.6	43.8	38.0	32.1	26.3	20.5	17.5
85°	154.8	140.2	122.7	113.9	102.3	90.6	78.9	67.2	55.5	43.8	32.1
82.5°	265.9	248.3	230.8	210.4	184.1	151.9	119.8	99.3	81.8	64.3	49.7
80°	400.3	368.1	338.9	312.6	283.4	242.5	198.7	157.8	111.0	84.7	64.3
77.5°	555.1	517.1	476.2	432.4	385.7	330.1	280.5	227.9	172.4	116.9	81.8
75°	730.4	680.7	625.2	563.9	502.5	429.5	359.4	298.0	233.7	163.6	99.3
72.5°	926.2	864.8	797.6	715.8	619.4	534.7	449.9	368.1	292.2	207.4	134.4
70°	1177.4	1081.0	981.7	894.0	771.3	636.9	537.6	444.1	347.7	254.2	169.5
67.5°	1446.2	1329.3	1209.5	1081.0	926.2	768.4	625.2	520.0	406.1	298.0	201.6
65°	1738.4	1592.3	1440.4	1297.2	1083.9	896.9	736.2	593.1	461.6	338.9	233.7
62.5°	2039.3	1866.9	1691.6	1504.6	1259.2	1028.4	841.4	674.9	514.2	376.9	262.9
60°	2360.7	2159.1	1945.8	1712.1	1425.7	1171.6	940.8	759.6	569.7	414.9	295.1
57.5°	2699.6	2480.4	2229.2	1913.7	1598.1	1308.9	1054.7	835.6	619.4	449.9	318.5
55°	3067.7	2816.4	2541.8	2124.0	1767.6	1446.2	1168.6	911.5	672.0	479.1	341.8
52.5°	3465.0	3172.9	2825.2	2346.1	1945.8	1586.4	1273.8	978.7	721.6	511.3	362.3
50°	3909.1	3541.0	3073.5	2550.6	2100.6	1717.9	1379.0	1051.8	762.5	546.3	379.8
47.5°	4370.7	3973.4	3295.6	2740.5	2258.4	1846.5	1487.1	1116.1	803.4	575.6	397.3
45°	4852.8	4274.3	3526.4	2909.9	2395.7	1963.3	1568.9	1174.5	853.1	601.9	411.9
42.5°	5329.0	4502.2	3728.0	3079.4	2524.3	2068.5	1636.1	1230.0	894.0	628.1	426.6
40°	5554.0	4674.6	3888.7	3196.2	2632.4	2162.0	1694.5	1279.7	929.1	645.7	441.2
37.5°	5647.5	4779.8	3993.8	3307.3	2717.1	2211.7	1744.2	1323.5	958.3	663.2	452.8
35°	5667.9	4817.7	4046.4	3383.2	2787.2	2258.4	1782.2	1355.6	981.7	680.7	464.5
32.5°	5629.9	4806.1	4061.0	3409.5	2831.0	2293.5	1808.5	1379.0	999.2	698.3	476.2
30°	5545.2	4744.7	4008.5	3406.6	2863.2	2313.9	1826.0	1396.5	1016.7	710.0	482.1
27.5°	5407.9	4636.6	3941.3	3409.5	2880.7	2322.7	1834.8	1405.3	1028.4	718.7	493.8
25°	5238.5	4490.5	3944.2	3403.7	2883.6	2325.6	1834.8	1405.3	1031.3	721.6	502.5
22.5°	5042.7	4490.5	3944.2	3394.9	2866.1	2319.8	1826.0	1399.5	1031.3	727.5	511.3
20°	5054.4	4493.4	3935.4	3377.4	2839.8	2302.2	1805.6	1384.8	1022.6	736.2	517.1
17.5°	5063.2	4487.6	3917.9	3354.0	2804.7	2273.0	1779.3	1364.4	1022.6	745.0	520.0
15°	5063.2	4470.1	3891.6	3319.0	2760.9	2232.1	1741.3	1346.9	1025.5	747.9	525.9
12.5°	5054.4	4437.9	3850.7	3272.2	2708.3	2182.4	1717.9	1341.0	1025.5	750.9	525.9
10°	5036.9	4394.1	3798.1	3213.8	2658.7	2164.9	1706.2	1329.3	1019.6	750.9	525.9
7.5°	5004.7	4341.5	3754.3	3178.7	2629.5	2144.5	1688.7	1311.8	1010.9	745.0	531.7
5°	4955.1	4312.3	3719.2	3137.8	2588.5	2129.9	1677.0	1297.2	1005.0	745.0	525.9
2.5°	4890.8	4277.2	3678.3	3085.2	2541.8	2080.2	1639.0	1265.1	984.6	733.3	520.0
0°	4785.6	4207.1	3608.2	3012.2	2477.5	2030.5	1601.0	1232.9	964.1	721.6	514.2
-2.5°	4689.2	4113.6	3517.6	2936.2	2416.2	1986.7	1571.8	1215.4	955.4	718.7	511.3
-5°	4554.8	3985.1	3397.8	2836.9	2334.4	1942.9	1542.6	1194.9	946.6	712.9	511.3
-7.5°	4405.8	3850.7	3272.2	2734.6	2252.6	1866.9	1487.1	1162.8	926.2	701.2	508.4
-10°	4175.0	3649.1	3114.4	2617.8	2164.9	1799.7	1440.4	1133.6	908.6	689.5	496.7
-12.5°	3929.6	3427.1	2933.3	2474.6	2065.6	1729.6	1387.8	1101.4	888.2	677.8	490.8
-15°	3669.5	3199.2	2743.4	2325.6	1957.5	1644.9	1332.3	1066.4	867.7	663.2	482.1
-17.5°	3397.8	2959.6	2547.6	2173.7	1849.4	1557.2	1273.8	1034.3	844.3	648.6	473.3
-20°	3111.5	2714.2	2349.0	2018.8	1735.4	1469.6	1212.5	996.3	818.1	631.1	461.6



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CATALOG NUMBER: IFLD-S-SA3E-740-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2828.1	2471.7	2144.5	1866.9	1618.6	1379.0	1151.1	958.3	788.8	610.6	452.8
-25°	2576.9	2243.8	1963.3	1720.8	1504.6	1291.4	1086.8	920.3	756.7	590.2	441.2
-27.5°	2331.4	2048.1	1785.1	1583.5	1393.6	1206.6	1025.5	879.4	724.6	566.8	429.5
-30°	2103.6	1861.1	1644.9	1449.1	1288.4	1130.7	972.9	838.5	689.5	543.4	414.9
-32.5°	1896.1	1700.4	1519.2	1332.3	1189.1	1054.7	923.2	797.6	654.4	520.0	400.3
-35°	1703.3	1551.4	1393.6	1235.8	1089.8	984.6	870.6	753.8	622.3	493.8	385.7
-37.5°	1530.9	1408.2	1282.6	1148.2	1022.6	917.4	821.0	710.0	590.2	470.4	371.0
-40°	1381.9	1282.6	1171.6	1063.5	958.3	859.0	771.3	666.1	558.0	452.8	356.4
-42.5°	1244.6	1168.6	1078.1	987.5	894.0	806.4	721.6	619.4	525.9	432.4	341.8
-45°	1139.4	1063.5	990.4	908.6	829.7	753.8	669.0	578.5	496.7	409.0	327.2
-47.5°	1040.1	972.9	905.7	838.5	774.2	704.1	619.4	543.4	464.5	388.6	315.5
-50°	952.4	888.2	829.7	771.3	715.8	648.6	569.7	508.4	438.2	368.1	300.9
-52.5°	870.6	815.1	756.7	710.0	663.2	596.0	531.7	473.3	411.9	344.8	286.3
-55°	797.6	745.0	692.4	648.6	604.8	546.3	493.8	444.1	385.7	327.2	271.7
-57.5°	727.5	683.7	634.0	593.1	549.3	502.5	458.7	411.9	359.4	309.7	257.1
-60°	663.2	622.3	578.5	537.6	499.6	461.6	420.7	382.7	336.0	289.2	242.5
-62.5°	598.9	563.9	525.9	485.0	455.8	420.7	388.6	350.6	312.6	271.7	216.2
-65°	540.5	508.4	473.3	438.2	411.9	385.7	356.4	321.4	289.2	251.3	192.8
-67.5°	482.1	452.8	423.6	394.4	371.0	350.6	321.4	295.1	268.8	227.9	169.5
-70°	426.6	403.2	376.9	353.5	336.0	312.6	292.2	268.8	245.4	198.7	143.2
-72.5°	374.0	350.6	330.1	312.6	298.0	277.6	260.0	242.5	210.4	166.5	119.8
-75°	312.6	298.0	286.3	271.7	257.1	242.5	227.9	207.4	175.3	134.4	93.5
-77.5°	257.1	248.3	239.6	227.9	216.2	204.5	187.0	166.5	140.2	105.2	76.0
-80°	210.4	201.6	195.7	184.1	175.3	163.6	146.1	128.6	102.3	81.8	61.4
-82.5°	160.7	154.8	149.0	143.2	134.4	122.7	105.2	90.6	76.0	61.4	46.7
-85°	113.9	111.0	105.2	99.3	90.6	81.8	70.1	61.4	52.6	40.9	32.1
-87.5°	58.4	55.5	52.6	49.7	46.7	40.9	35.1	29.2	26.3	20.5	14.6
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.7	8.8	2.9	0.0
85°	23.4	14.6	5.8	0.0
82.5°	35.1	23.4	8.8	0.0
80°	46.7	29.2	14.6	0.0
77.5°	58.4	35.1	17.5	0.0
75°	70.1	43.8	20.5	0.0
72.5°	78.9	49.7	23.4	0.0
70°	93.5	58.4	26.3	0.0
67.5°	116.9	64.3	29.2	0.0
65°	137.3	70.1	32.1	0.0
62.5°	160.7	76.0	35.1	0.0
60°	181.1	81.8	38.0	0.0
57.5°	201.6	96.4	40.9	0.0
55°	219.1	108.1	43.8	0.0
52.5°	239.6	119.8	46.7	0.0
50°	257.1	131.5	49.7	0.0
47.5°	271.7	143.2	49.7	0.0
45°	283.4	151.9	52.6	0.0
42.5°	292.2	160.7	55.5	0.0
40°	300.9	169.5	58.4	0.0
37.5°	309.7	178.2	58.4	0.0
35°	318.5	187.0	61.4	0.0
32.5°	327.2	195.7	61.4	0.0
30°	333.1	201.6	64.3	0.0
27.5°	341.8	207.4	64.3	0.0
25°	344.8	213.3	67.2	0.0
22.5°	350.6	216.2	67.2	0.0
20°	356.4	222.0	67.2	0.0
17.5°	359.4	225.0	70.1	0.0
15°	359.4	227.9	73.0	0.0
12.5°	362.3	230.8	73.0	0.0
10°	362.3	236.7	70.1	0.0
7.5°	368.1	233.7	70.1	0.0
5°	365.2	233.7	70.1	0.0
2.5°	362.3	230.8	70.1	0.0
0°	359.4	230.8	70.1	0.0
-2.5°	359.4	230.8	70.1	0.0
-5°	359.4	230.8	70.1	0.0
-7.5°	356.4	233.7	70.1	0.0
-10°	350.6	233.7	70.1	0.0
-12.5°	347.7	225.0	70.1	0.0
-15°	344.8	222.0	70.1	0.0
-17.5°	338.9	219.1	67.2	0.0
-20°	333.1	216.2	67.2	0.0



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CATALOG NUMBER: IFLD-S-SA3E-740-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	327.2	210.4	67.2	0.0
-25°	321.4	204.5	64.3	0.0
-27.5°	315.5	198.7	64.3	0.0
-30°	306.8	192.8	61.4	0.0
-32.5°	298.0	187.0	61.4	0.0
-35°	292.2	178.2	58.4	0.0
-37.5°	283.4	169.5	58.4	0.0
-40°	274.6	160.7	55.5	0.0
-42.5°	265.9	151.9	52.6	0.0
-45°	254.2	143.2	52.6	0.0
-47.5°	245.4	134.4	49.7	0.0
-50°	230.8	122.7	46.7	0.0
-52.5°	213.3	111.0	43.8	0.0
-55°	195.7	102.3	40.9	0.0
-57.5°	178.2	90.6	40.9	0.0
-60°	160.7	78.9	38.0	0.0
-62.5°	143.2	73.0	35.1	0.0
-65°	125.6	67.2	32.1	0.0
-67.5°	105.2	58.4	29.2	0.0
-70°	87.6	52.6	26.3	0.0
-72.5°	76.0	46.7	23.4	0.0
-75°	64.3	40.9	20.5	0.0
-77.5°	55.5	35.1	17.5	0.0
-80°	43.8	26.3	11.7	0.0
-82.5°	32.1	20.5	8.8	0.0
-85°	20.5	14.6	5.8	0.0
-87.5°	11.7	5.8	2.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)