

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: P722401

Luminaire Tested: **IFLD-S-SA3C-727-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722401
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-727-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18113.6 lumens	Max Intensity:	12645.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	112.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	11555.7 lumens	Field Lumens:	17077 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

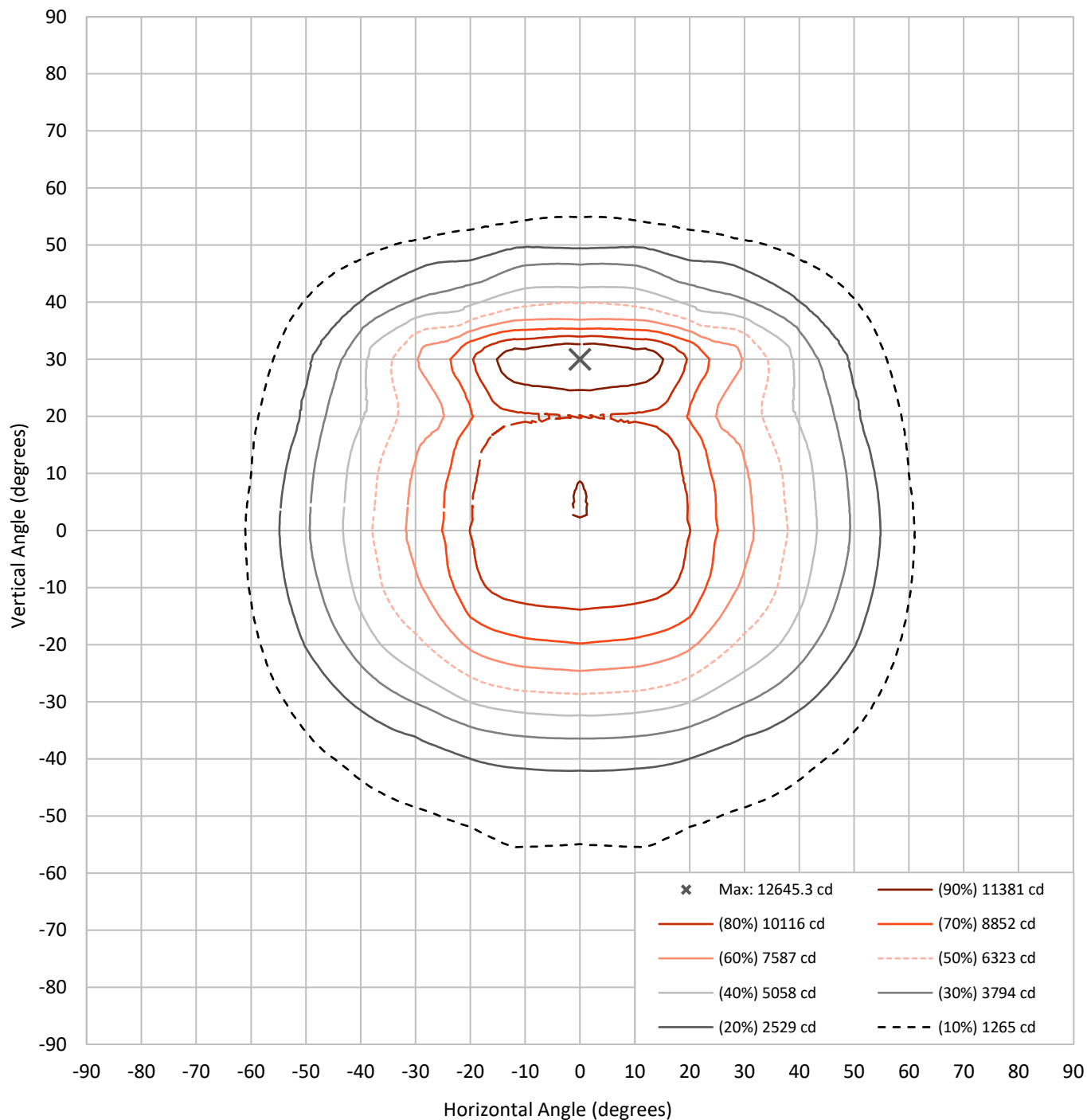
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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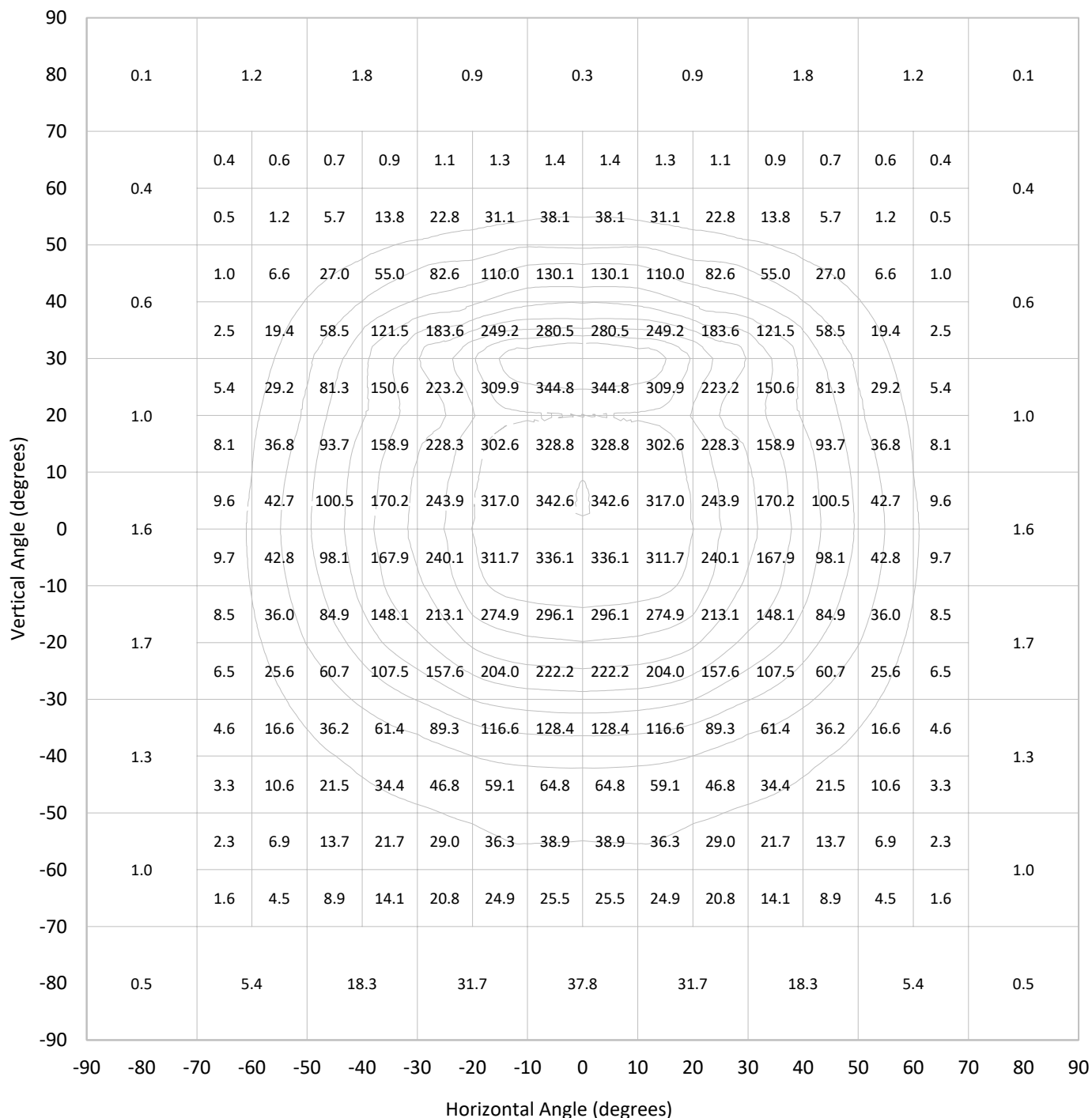
Iso-Candela Plot



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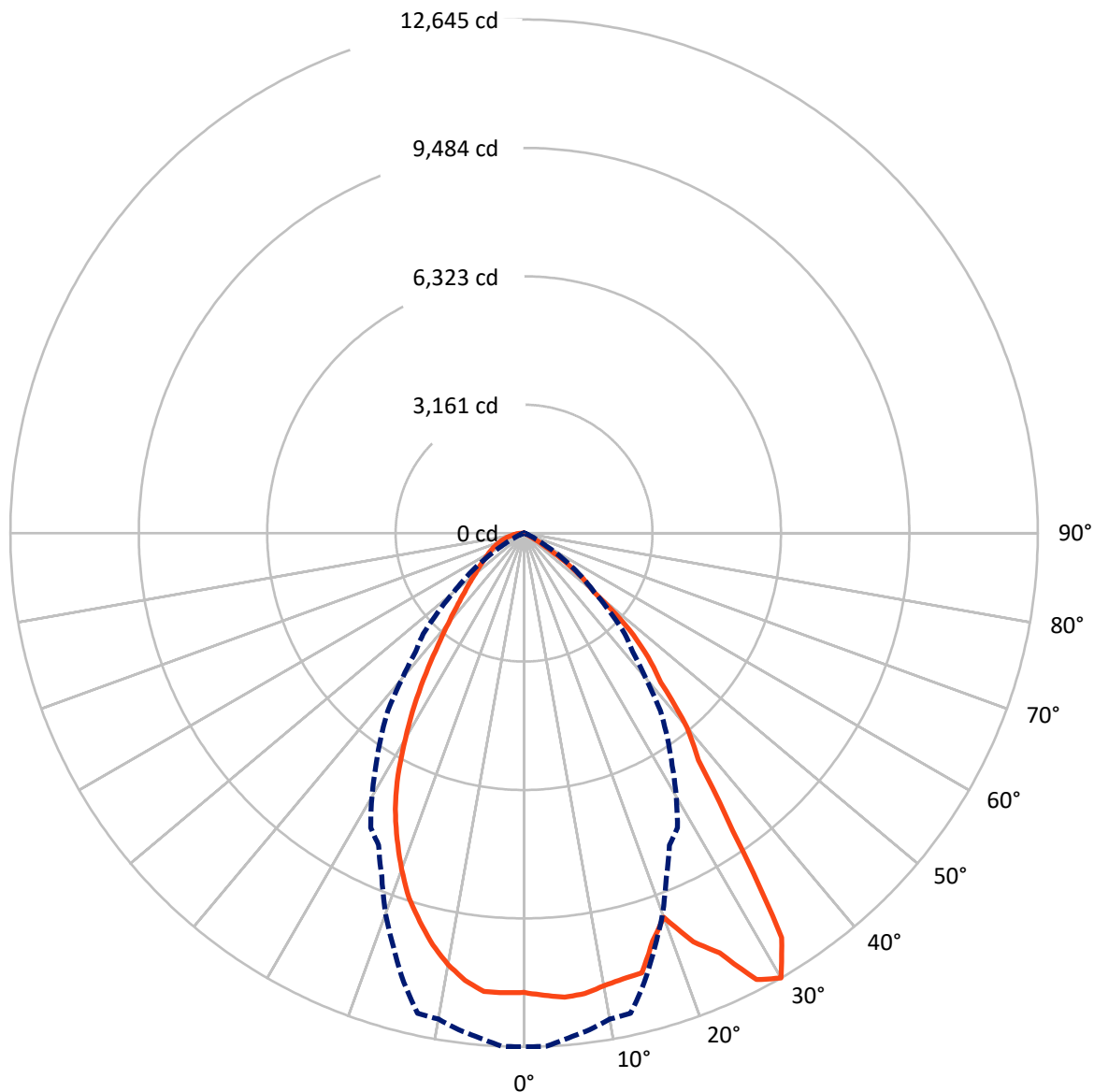
Lumen Table



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Luminous Intensity Polar Plot

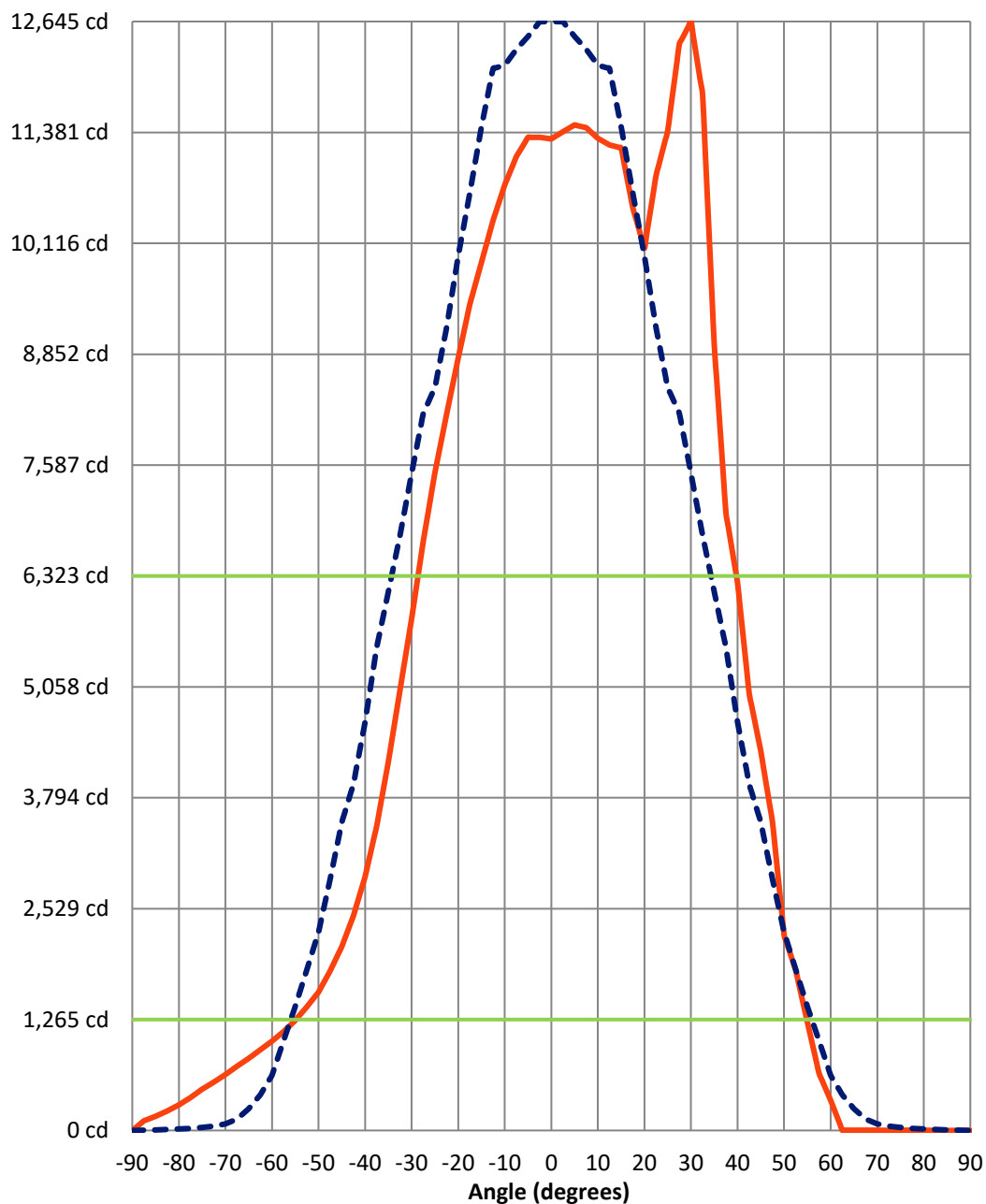


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11555.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17077

Efficiency: 94.3%

Spill:

Lumens: 1036.5

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8	8.7
82.5°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	8.7	8.7	11.5
80°	2.9	2.9	2.9	2.9	5.8	5.8	5.8	8.7	8.7	11.5	11.5
77.5°	2.9	2.9	2.9	5.8	5.8	5.8	8.7	8.7	11.5	11.5	14.4
75°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.5	11.5	14.4
72.5°	0.0	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.5	11.5	11.5
70°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.5	11.5	11.5
67.5°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	11.5	11.5	11.5	14.4
65°	2.9	2.9	2.9	5.8	8.7	8.7	11.5	14.4	14.4	17.3	20.2
62.5°	2.9	5.8	5.8	8.7	11.5	14.4	31.7	49.0	49.0	34.6	28.8
60°	343.2	372.0	369.1	334.5	291.3	245.1	236.5	227.8	210.5	184.6	193.2
57.5°	651.7	686.3	700.8	692.1	669.0	628.7	605.6	579.6	545.0	504.7	458.5
55°	1234.2	1248.7	1216.9	1156.4	1090.1	1023.7	1000.7	966.1	914.2	862.2	793.0
52.5°	1825.4	1874.4	1860.0	1799.5	1710.1	1591.8	1462.1	1361.1	1300.6	1242.9	1173.7
50°	2229.1	2249.3	2289.7	2361.8	2387.8	2307.0	2096.5	1825.4	1632.2	1730.3	1655.3
47.5°	3518.2	3619.1	3598.9	3547.0	3460.5	3241.3	2947.2	2705.0	2503.1	2436.8	2448.3
45°	4322.8	4363.1	4348.7	4325.6	4285.3	4080.5	3754.7	3382.7	3195.2	3120.2	3042.4
42.5°	4983.1	5026.4	5035.0	5037.9	4994.7	4807.2	4513.1	4141.1	3953.6	3737.4	3567.2
40°	6243.3	6306.8	6234.7	6139.5	5995.3	5781.9	5493.6	5150.4	4818.8	4553.5	4351.6
37.5°	7047.9	7125.8	7154.6	7148.8	7117.1	7024.8	6670.1	6344.3	5836.7	5242.7	5349.4
35°	8957.0	9037.7	9014.6	8928.1	8882.0	8783.9	8437.9	8051.5	7414.2	6768.2	6595.2
32.5°	11803.2	11979.1	11650.4	11289.9	11067.9	11145.7	10793.9	9848.0	9553.9	8388.9	7849.6
30°	12645.3	12642.4	12475.2	12328.1	12146.4	12108.9	11445.6	10690.1	9969.2	9153.1	8472.5
27.5°	12388.6	12336.7	12195.4	12088.7	11918.6	11829.2	11180.3	10580.5	9747.1	9017.5	8360.0
25°	11399.5	11439.9	11295.7	11275.5	11209.2	11036.2	10713.2	10038.4	9294.4	8486.9	8014.0
22.5°	10889.1	10874.7	10701.6	10600.7	10681.5	10496.9	10367.1	9686.6	8910.8	8230.3	7662.2
20°	10058.6	10061.4	10018.2	10009.5	9960.5	9876.9	9773.1	9291.5	8743.6	8161.0	7477.6
17.5°	10522.8	10641.1	10693.0	10263.3	10384.4	10289.3	10179.7	9507.8	9095.4	8579.2	7688.1
15°	11203.4	11160.2	11108.2	11085.2	11018.9	10929.5	10730.5	10194.1	9484.7	8951.2	8256.2
12.5°	11238.0	11154.4	11134.2	11131.3	11062.1	10938.1	10744.9	10300.8	9672.1	9023.3	8458.1
10°	11313.0	11226.5	11214.9	11229.4	11122.7	11044.8	10851.6	10439.2	9729.8	9147.3	8613.8
7.5°	11434.1	11289.9	11356.3	11313.0	11264.0	11140.0	10932.3	10528.6	9940.3	9311.7	8752.2
5°	11465.8	11307.2	11379.3	11339.0	11266.9	11145.7	10920.8	10586.3	10070.1	9378.0	8807.0
2.5°	11388.0	11341.8	11310.1	11235.1	11203.4	11070.8	10857.4	10499.8	10009.5	9349.2	8795.5
0°	11307.2	11347.6	11275.5	11200.5	11186.1	11079.4	10897.7	10574.8	10150.8	9429.9	8893.5
-2.5°	11324.5	11292.8	11243.8	11165.9	11090.9	10938.1	10773.7	10470.9	10015.3	9254.0	8755.1
-5°	11324.5	11177.5	11183.2	11186.1	11111.1	10952.5	10753.5	10496.9	9934.6	9251.1	8714.7
-7.5°	11105.4	10978.5	10958.3	10941.0	10920.8	10773.7	10618.0	10297.9	9799.0	9176.1	8602.3
-10°	10782.4	10658.4	10669.9	10644.0	10580.5	10482.5	10364.2	10075.9	9666.4	8939.7	8374.4
-12.5°	10378.7	10323.9	10292.1	10248.9	10185.4	10098.9	9977.8	9706.7	9268.4	8648.4	8112.0
-15°	9900.0	9859.6	9830.7	9804.8	9712.5	9623.1	9464.5	9213.6	8939.7	8273.5	7725.6
-17.5°	9421.2	9320.3	9279.9	9245.3	9184.8	9040.6	8896.4	8709.0	8325.4	7797.7	7327.6
-20°	8807.0	8746.4	8697.4	8651.3	8564.8	8452.3	8334.1	8117.8	7786.2	7359.4	6872.0

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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°	8163.9	8129.3	8089.0	8031.3	7973.6	7866.9	7702.5	7494.9	7235.4	6774.0	6318.3
-25°	7500.7	7434.3	7385.3	7330.5	7284.4	7186.3	7027.7	6828.7	6502.9	6104.9	5724.3
-27.5°	6719.2	6655.7	6629.8	6566.3	6526.0	6436.6	6277.9	6093.4	5799.2	5464.7	5078.3
-30°	5836.7	5848.3	5819.4	5758.9	5709.8	5594.5	5473.4	5317.7	5087.0	4766.9	4420.8
-32.5°	5020.6	5035.0	5000.4	4937.0	4873.6	4789.9	4677.5	4536.2	4363.1	4057.5	3757.5
-35°	4204.5	4198.8	4169.9	4132.4	4089.2	4020.0	3893.1	3786.4	3587.4	3374.0	3166.4
-37.5°	3472.0	3486.5	3477.8	3457.6	3408.6	3350.9	3247.1	3149.1	3002.0	2814.6	2653.1
-40°	2892.4	2909.7	2898.2	2878.0	2834.7	2800.1	2730.9	2644.4	2526.2	2364.7	2229.1
-42.5°	2448.3	2459.8	2445.4	2428.1	2390.6	2364.7	2309.9	2237.8	2139.8	2015.7	1894.6
-45°	2096.5	2099.4	2085.0	2073.4	2044.6	2012.9	1966.7	1909.1	1831.2	1744.7	1646.6
-47.5°	1819.7	1816.8	1802.4	1790.8	1767.7	1738.9	1701.4	1649.5	1589.0	1522.6	1444.8
-50°	1577.4	1591.8	1586.1	1574.5	1557.2	1537.0	1499.6	1444.8	1384.2	1335.2	1280.4
-52.5°	1410.2	1413.0	1410.2	1410.2	1407.3	1392.9	1349.6	1294.8	1228.5	1185.2	1139.1
-55°	1254.4	1268.9	1274.6	1280.4	1283.3	1283.3	1231.4	1173.7	1110.2	1067.0	1032.4
-57.5°	1127.6	1136.2	1142.0	1156.4	1167.9	1176.6	1130.4	1078.5	1029.5	989.1	957.4
-60°	1018.0	1029.5	1038.2	1052.6	1061.2	1067.0	1038.2	1003.5	974.7	948.8	902.6
-62.5°	919.9	928.6	937.2	945.9	954.5	960.3	948.8	931.5	917.0	905.5	847.8
-65°	821.9	830.5	839.2	850.7	859.4	865.1	862.2	850.7	839.2	827.6	775.7
-67.5°	732.5	741.1	752.7	755.5	761.3	764.2	758.4	749.8	735.4	720.9	680.6
-70°	637.3	643.1	648.8	648.8	648.8	646.0	640.2	628.7	614.2	594.1	562.3
-72.5°	550.8	556.6	562.3	553.7	547.9	539.3	530.6	516.2	501.8	487.4	470.1
-75°	470.1	472.9	472.9	461.4	452.8	444.1	432.6	423.9	409.5	398.0	383.5
-77.5°	374.9	374.9	374.9	366.2	360.5	354.7	346.1	337.4	325.9	317.2	305.7
-80°	291.3	291.3	291.3	288.4	279.7	274.0	268.2	262.4	253.8	248.0	242.2
-82.5°	222.0	222.0	222.0	219.2	213.4	210.5	204.7	199.0	196.1	190.3	187.4
-85°	161.5	164.4	164.4	161.5	158.6	152.8	150.0	147.1	144.2	141.3	135.5
-87.5°	109.6	109.6	109.6	106.7	103.8	103.8	100.9	95.2	89.4	86.5	83.6
-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):

	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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	8.7	8.7	8.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	8.7
82.5°	14.4	14.4	17.3	17.3	20.2	20.2	20.2	20.2	20.2	20.2	20.2
80°	14.4	17.3	20.2	23.1	26.0	28.8	28.8	28.8	28.8	26.0	26.0
77.5°	17.3	17.3	20.2	23.1	26.0	28.8	31.7	34.6	31.7	31.7	31.7
75°	17.3	20.2	20.2	23.1	26.0	28.8	31.7	34.6	34.6	34.6	34.6
72.5°	14.4	17.3	20.2	23.1	23.1	26.0	28.8	28.8	31.7	31.7	34.6
70°	14.4	17.3	20.2	20.2	23.1	23.1	26.0	28.8	28.8	31.7	31.7
67.5°	17.3	20.2	20.2	23.1	26.0	26.0	26.0	28.8	28.8	31.7	31.7
65°	20.2	23.1	23.1	26.0	28.8	28.8	31.7	31.7	31.7	34.6	34.6
62.5°	34.6	34.6	34.6	31.7	34.6	34.6	34.6	37.5	37.5	34.6	37.5
60°	178.8	129.8	89.4	112.5	100.9	46.1	46.1	46.1	43.3	43.3	40.4
57.5°	421.0	392.2	337.4	285.5	256.7	227.8	141.3	57.7	57.7	51.9	46.1
55°	703.6	608.5	568.1	498.9	423.9	389.3	323.0	219.2	103.8	69.2	60.6
52.5°	1090.1	1000.7	896.8	755.5	654.6	573.9	519.1	412.4	276.8	147.1	92.3
50°	1459.2	1418.8	1355.4	1216.9	1006.4	870.9	781.5	660.4	496.0	302.8	173.0
47.5°	2350.3	2012.9	1808.1	1701.4	1525.5	1268.9	1095.8	960.3	761.3	510.4	305.7
45°	2958.7	2745.3	2419.5	2194.5	1935.0	1663.9	1439.0	1283.3	1046.8	764.2	478.7
42.5°	3480.7	3296.1	3002.0	2673.2	2399.3	2044.6	1756.2	1551.5	1352.5	1043.9	715.2
40°	4152.6	3933.5	3650.8	3330.7	3010.6	2557.9	2090.7	1842.7	1623.6	1349.6	966.1
37.5°	5260.0	4873.6	4412.2	4057.5	3639.3	3255.8	2615.6	2177.2	1917.7	1632.2	1260.2
35°	6592.3	6168.4	5398.4	4928.3	4368.9	3797.9	3221.2	2572.3	2203.2	1900.4	1531.3
32.5°	7832.3	7212.3	6226.0	5675.2	5303.2	4250.7	3653.7	3091.4	2497.3	2125.3	1687.0
30°	8175.5	7492.0	6785.5	6142.4	5508.0	4657.3	3950.8	3512.4	2866.5	2260.9	1834.1
27.5°	7829.4	7359.4	6811.4	6214.5	5528.2	4798.6	4132.4	3714.3	3137.5	2353.1	1949.4
25°	7477.6	6987.4	6603.8	6104.9	5470.5	4789.9	4138.2	3841.2	3348.0	2531.9	2012.9
22.5°	7105.6	6799.9	6482.7	5926.1	5326.3	4815.9	4325.6	3950.8	3457.6	2733.8	2038.8
20°	7125.8	6926.8	6577.9	5833.8	5300.4	4968.7	4550.6	4089.2	3575.9	2909.7	2059.0
17.5°	7448.8	7189.2	6750.9	6104.9	5533.9	5124.4	4738.0	4279.5	3697.0	3065.4	2304.1
15°	7846.7	7451.6	6993.1	6425.0	5779.1	5294.6	4882.2	4412.2	3835.4	3209.6	2523.3
12.5°	8135.1	7572.8	7143.1	6629.8	6044.4	5479.1	4977.4	4513.1	3965.2	3327.9	2687.7
10°	8233.1	7722.7	7215.2	6756.7	6179.9	5577.2	5049.5	4576.5	4077.6	3420.1	2808.8
7.5°	8285.0	7852.5	7264.2	6814.3	6260.6	5637.8	5107.1	4611.1	4167.0	3483.6	2886.6
5°	8279.3	7921.7	7301.7	6831.6	6303.9	5663.7	5147.5	4619.8	4230.5	3538.4	2932.8
2.5°	8253.3	7967.8	7362.2	6860.5	6390.4	5712.7	5225.4	4637.1	4253.5	3598.9	2964.5
0°	8348.5	7970.7	7425.7	6869.1	6448.1	5730.0	5260.0	4622.7	4221.8	3616.2	2961.6
-2.5°	8143.7	7800.6	7411.3	6794.1	6370.2	5689.7	5196.5	4576.5	4152.6	3596.1	2950.1
-5°	8109.1	7676.6	7290.1	6724.9	6240.5	5606.0	5078.3	4490.0	4043.0	3529.7	2903.9
-7.5°	8016.9	7558.3	7171.9	6670.1	6119.3	5519.5	4965.8	4400.6	3924.8	3425.9	2837.6
-10°	7815.0	7376.7	7045.0	6551.9	5972.3	5395.5	4830.3	4282.4	3786.4	3284.6	2733.8
-12.5°	7526.6	7088.3	6759.5	6301.0	5787.7	5228.3	4668.8	4129.5	3627.8	3134.6	2609.8
-15°	7200.8	6756.7	6427.9	6009.8	5513.8	4968.7	4464.1	3936.3	3446.1	2976.0	2462.7
-17.5°	6831.6	6410.6	6093.4	5686.8	5193.7	4674.6	4172.8	3694.1	3235.6	2811.7	2292.6
-20°	6404.8	5995.3	5704.1	5297.5	4844.7	4340.1	3852.7	3400.0	2987.6	2589.6	2105.1

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CATALOG NUMBER: IFLD-S-SA3C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5877.1	5516.6	5185.0	4821.6	4426.6	3965.2	3512.4	3111.6	2716.5	2327.2	1911.9
-25°	5337.8	4988.9	4665.9	4334.3	3956.5	3558.6	3172.1	2808.8	2422.4	2070.5	1724.5
-27.5°	4738.0	4426.6	4138.2	3832.5	3486.5	3143.3	2826.1	2471.4	2136.9	1837.0	1539.9
-30°	4097.8	3844.1	3593.2	3322.1	3042.4	2754.0	2471.4	2136.9	1874.4	1635.1	1384.2
-32.5°	3483.6	3255.8	3053.9	2852.0	2609.8	2373.3	2122.4	1874.4	1655.3	1444.8	1234.2
-35°	2944.3	2702.1	2589.6	2428.1	2234.9	2021.5	1816.8	1643.7	1467.8	1277.5	1090.1
-37.5°	2477.2	2321.4	2188.8	2067.7	1914.8	1730.3	1583.2	1441.9	1294.8	1121.8	960.3
-40°	2110.9	1998.4	1865.8	1776.4	1652.4	1519.7	1372.7	1254.4	1130.4	989.1	856.5
-42.5°	1816.8	1724.5	1638.0	1542.8	1450.5	1338.1	1211.2	1098.7	986.2	882.4	772.8
-45°	1574.5	1508.2	1439.0	1361.1	1280.4	1182.3	1078.5	963.2	882.4	790.2	697.9
-47.5°	1375.6	1326.5	1268.9	1208.3	1139.1	1052.6	957.4	873.8	790.2	712.3	622.9
-50°	1216.9	1170.8	1124.7	1072.8	1012.2	937.2	865.1	787.3	709.4	634.4	550.8
-52.5°	1084.3	1043.9	1006.4	963.2	905.5	842.1	775.7	706.5	634.4	559.4	493.1
-55°	992.0	945.9	908.4	865.1	813.2	752.7	692.1	628.7	559.4	501.8	447.0
-57.5°	917.0	865.1	821.9	775.7	723.8	671.9	617.1	559.4	507.5	452.8	400.8
-60°	853.6	793.0	744.0	697.9	648.8	599.8	553.7	504.7	455.6	406.6	354.7
-62.5°	787.3	723.8	663.3	620.0	582.5	539.3	498.9	452.8	409.5	360.5	323.0
-65°	712.3	651.7	594.1	556.6	522.0	484.5	447.0	406.6	369.1	331.6	297.0
-67.5°	628.7	576.8	536.4	501.8	467.2	435.4	400.8	366.2	334.5	297.0	262.4
-70°	527.7	498.9	475.8	449.9	418.1	389.3	357.6	325.9	291.3	259.5	227.8
-72.5°	449.9	432.6	415.3	389.3	360.5	334.5	308.6	279.7	250.9	222.0	196.1
-75°	369.1	354.7	340.3	323.0	299.9	279.7	256.7	230.7	207.6	187.4	167.3
-77.5°	297.0	285.5	276.8	262.4	245.1	227.8	213.4	196.1	178.8	158.6	138.4
-80°	236.5	230.7	227.8	222.0	207.6	193.2	181.7	167.3	150.0	135.5	121.1
-82.5°	184.6	184.6	181.7	178.8	167.3	155.7	147.1	135.5	124.0	112.5	98.0
-85°	135.5	132.7	132.7	129.8	121.1	115.4	106.7	100.9	92.3	80.7	75.0
-87.5°	80.7	77.9	75.0	72.1	66.3	63.4	57.7	54.8	49.0	43.3	40.4
-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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CATALOG NUMBER: IFLD-S-SA3C-727-U-76-VI

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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0
85°	8.7	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
82.5°	17.3	17.3	14.4	14.4	11.5	8.7	5.8	5.8	5.8	2.9	2.9
80°	26.0	26.0	26.0	23.1	20.2	14.4	11.5	8.7	5.8	2.9	2.9
77.5°	31.7	28.8	28.8	26.0	26.0	23.1	17.3	14.4	8.7	5.8	2.9
75°	31.7	31.7	31.7	28.8	28.8	26.0	23.1	17.3	14.4	8.7	5.8
72.5°	34.6	31.7	31.7	31.7	28.8	26.0	23.1	20.2	17.3	11.5	5.8
70°	31.7	31.7	31.7	31.7	28.8	28.8	23.1	20.2	20.2	11.5	8.7
67.5°	31.7	31.7	31.7	28.8	28.8	26.0	23.1	20.2	20.2	14.4	8.7
65°	34.6	31.7	31.7	31.7	28.8	26.0	23.1	20.2	20.2	17.3	11.5
62.5°	37.5	34.6	34.6	31.7	28.8	26.0	23.1	20.2	20.2	17.3	11.5
60°	40.4	37.5	34.6	34.6	31.7	28.8	23.1	23.1	20.2	17.3	11.5
57.5°	43.3	40.4	40.4	37.5	34.6	31.7	26.0	23.1	20.2	17.3	14.4
55°	51.9	46.1	43.3	43.3	40.4	34.6	28.8	23.1	20.2	17.3	14.4
52.5°	69.2	54.8	49.0	49.0	46.1	40.4	31.7	26.0	20.2	17.3	14.4
50°	109.6	69.2	57.7	51.9	51.9	46.1	37.5	28.8	20.2	17.3	14.4
47.5°	173.0	115.4	69.2	60.6	57.7	54.8	43.3	28.8	23.1	17.3	14.4
45°	285.5	170.1	112.5	72.1	60.6	57.7	49.0	31.7	23.1	20.2	14.4
42.5°	392.2	265.3	173.0	86.5	72.1	63.4	51.9	34.6	26.0	20.2	14.4
40°	617.1	363.4	242.2	141.3	83.6	66.3	57.7	40.4	26.0	20.2	14.4
37.5°	836.3	481.6	325.9	207.6	95.2	75.0	60.6	43.3	28.8	20.2	17.3
35°	1055.5	674.8	403.7	276.8	126.9	89.4	63.4	46.1	28.8	20.2	17.3
32.5°	1251.6	856.5	484.5	346.1	190.3	106.7	69.2	49.0	31.7	23.1	17.3
30°	1413.0	1023.7	628.7	406.6	248.0	129.8	75.0	49.0	34.6	23.1	17.3
27.5°	1534.2	1153.5	775.7	470.1	297.0	152.8	86.5	54.8	34.6	23.1	17.3
25°	1632.2	1254.4	905.5	536.4	340.3	190.3	103.8	57.7	37.5	26.0	17.3
22.5°	1710.1	1338.1	1012.2	625.8	392.2	227.8	126.9	63.4	37.5	26.0	17.3
20°	1816.8	1421.7	1084.3	720.9	447.0	262.4	147.1	69.2	37.5	26.0	20.2
17.5°	1909.1	1505.3	1142.0	801.7	501.8	288.4	170.1	75.0	40.4	26.0	20.2
15°	2015.7	1586.1	1193.9	865.1	553.7	311.4	190.3	80.7	40.4	28.8	20.2
12.5°	2131.1	1661.0	1231.4	917.0	608.5	331.6	207.6	92.3	43.3	28.8	20.2
10°	2249.3	1724.5	1263.1	954.5	648.8	351.8	219.2	103.8	46.1	28.8	20.2
7.5°	2367.6	1782.2	1303.5	971.8	666.1	374.9	224.9	115.4	46.1	31.7	20.2
5°	2448.3	1819.7	1361.1	983.4	674.8	400.8	233.6	129.8	49.0	31.7	20.2
2.5°	2517.5	1842.7	1421.7	992.0	677.7	415.3	230.7	138.4	51.9	31.7	20.2
0°	2549.2	1842.7	1462.1	986.2	669.0	429.7	230.7	147.1	51.9	31.7	20.2
-2.5°	2500.2	1894.6	1450.5	989.1	671.9	429.7	242.2	150.0	57.7	34.6	20.2
-5°	2422.4	1914.8	1415.9	974.7	666.1	429.7	256.7	152.8	60.6	34.6	23.1
-7.5°	2347.4	1923.5	1375.6	960.3	657.5	418.1	259.5	150.0	66.3	37.5	23.1
-10°	2249.3	1828.3	1323.6	934.3	640.2	409.5	265.3	150.0	69.2	37.5	23.1
-12.5°	2136.9	1713.0	1260.2	896.8	620.0	400.8	268.2	150.0	72.1	40.4	23.1
-15°	2007.1	1594.7	1188.1	856.5	591.2	389.3	262.4	147.1	75.0	40.4	26.0
-17.5°	1860.0	1479.4	1113.1	807.5	559.4	374.9	250.9	144.2	75.0	40.4	26.0
-20°	1692.8	1364.0	1029.5	758.4	522.0	357.6	239.4	138.4	75.0	40.4	26.0

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CATALOG NUMBER: IFLD-S-SA3C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1542.8	1257.3	943.0	703.6	481.6	337.4	224.9	132.7	75.0	43.3	26.0
-25°	1418.8	1153.5	876.7	648.8	438.3	314.3	210.5	126.9	75.0	43.3	26.0
-27.5°	1289.0	1041.0	807.5	596.9	409.5	294.1	196.1	121.1	72.1	43.3	26.0
-30°	1156.4	931.5	735.4	539.3	380.7	274.0	184.6	112.5	72.1	43.3	26.0
-32.5°	1035.3	842.1	669.0	481.6	348.9	253.8	173.0	109.6	69.2	43.3	26.0
-35°	917.0	761.3	599.8	435.4	314.3	233.6	161.5	106.7	69.2	43.3	26.0
-37.5°	819.0	686.3	536.4	403.7	294.1	216.3	150.0	100.9	66.3	43.3	26.0
-40°	738.2	617.1	475.8	369.1	276.8	199.0	138.4	98.0	66.3	43.3	26.0
-42.5°	663.3	550.8	438.3	340.3	259.5	187.4	129.8	95.2	63.4	43.3	26.0
-45°	596.9	493.1	400.8	314.3	239.4	173.0	124.0	89.4	60.6	43.3	28.8
-47.5°	530.6	452.8	366.2	291.3	219.2	155.7	118.2	86.5	57.7	40.4	28.8
-50°	478.7	409.5	337.4	265.3	199.0	150.0	112.5	80.7	57.7	40.4	28.8
-52.5°	432.6	369.1	305.7	239.4	181.7	141.3	106.7	75.0	54.8	40.4	28.8
-55°	389.3	331.6	274.0	213.4	170.1	132.7	98.0	69.2	54.8	40.4	28.8
-57.5°	346.1	297.0	242.2	193.2	155.7	124.0	92.3	69.2	54.8	40.4	28.8
-60°	311.4	265.3	219.2	178.8	144.2	112.5	83.6	66.3	51.9	40.4	28.8
-62.5°	282.6	239.4	199.0	161.5	132.7	100.9	80.7	66.3	51.9	40.4	26.0
-65°	253.8	216.3	178.8	147.1	118.2	95.2	77.9	63.4	51.9	40.4	26.0
-67.5°	224.9	190.3	161.5	129.8	109.6	92.3	75.0	63.4	49.0	37.5	26.0
-70°	196.1	167.3	141.3	121.1	103.8	86.5	72.1	60.6	49.0	34.6	23.1
-72.5°	173.0	147.1	126.9	112.5	98.0	83.6	69.2	57.7	46.1	31.7	20.2
-75°	147.1	129.8	115.4	100.9	89.4	77.9	66.3	51.9	40.4	28.8	20.2
-77.5°	124.0	112.5	100.9	92.3	80.7	69.2	57.7	46.1	37.5	26.0	17.3
-80°	106.7	98.0	89.4	80.7	72.1	60.6	51.9	40.4	31.7	23.1	14.4
-82.5°	86.5	80.7	72.1	66.3	60.6	51.9	43.3	34.6	23.1	17.3	11.5
-85°	66.3	60.6	57.7	51.9	46.1	37.5	28.8	23.1	17.3	11.5	5.8
-87.5°	34.6	31.7	28.8	26.0	23.1	17.3	14.4	11.5	8.7	5.8	2.9
-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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CATALOG NUMBER: IFLD-S-SA3C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	2.9	2.9	0.0	0.0
67.5°	5.8	2.9	0.0	0.0
65°	5.8	2.9	0.0	0.0
62.5°	5.8	2.9	0.0	0.0
60°	5.8	2.9	0.0	0.0
57.5°	8.7	2.9	2.9	0.0
55°	8.7	2.9	2.9	0.0
52.5°	8.7	2.9	2.9	0.0
50°	8.7	5.8	2.9	0.0
47.5°	8.7	5.8	2.9	0.0
45°	8.7	5.8	2.9	0.0
42.5°	8.7	5.8	2.9	0.0
40°	11.5	5.8	2.9	0.0
37.5°	11.5	5.8	2.9	0.0
35°	11.5	5.8	2.9	0.0
32.5°	11.5	5.8	2.9	0.0
30°	11.5	5.8	2.9	0.0
27.5°	11.5	8.7	2.9	0.0
25°	11.5	8.7	2.9	0.0
22.5°	14.4	8.7	2.9	0.0
20°	14.4	8.7	2.9	0.0
17.5°	14.4	8.7	2.9	0.0
15°	14.4	8.7	2.9	0.0
12.5°	14.4	8.7	2.9	0.0
10°	14.4	8.7	2.9	0.0
7.5°	14.4	8.7	2.9	0.0
5°	14.4	8.7	2.9	0.0
2.5°	14.4	8.7	2.9	0.0
0°	14.4	8.7	2.9	0.0
-2.5°	14.4	8.7	2.9	0.0
-5°	14.4	8.7	2.9	0.0
-7.5°	14.4	8.7	2.9	0.0
-10°	14.4	8.7	2.9	0.0
-12.5°	17.3	8.7	2.9	0.0
-15°	17.3	8.7	2.9	0.0
-17.5°	17.3	8.7	2.9	0.0
-20°	17.3	8.7	2.9	0.0

REPORT NUMBER: P722401

CATALOG NUMBER: IFLD-S-SA3C-727-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.3	8.7	2.9	0.0
-25°	17.3	8.7	2.9	0.0
-27.5°	17.3	8.7	2.9	0.0
-30°	17.3	8.7	2.9	0.0
-32.5°	17.3	8.7	2.9	0.0
-35°	17.3	8.7	2.9	0.0
-37.5°	17.3	8.7	2.9	0.0
-40°	17.3	8.7	2.9	0.0
-42.5°	14.4	8.7	2.9	0.0
-45°	17.3	8.7	2.9	0.0
-47.5°	17.3	8.7	2.9	0.0
-50°	17.3	8.7	2.9	0.0
-52.5°	17.3	8.7	2.9	0.0
-55°	17.3	8.7	2.9	0.0
-57.5°	17.3	8.7	2.9	0.0
-60°	17.3	8.7	2.9	0.0
-62.5°	14.4	8.7	2.9	0.0
-65°	14.4	5.8	2.9	0.0
-67.5°	14.4	5.8	2.9	0.0
-70°	14.4	5.8	2.9	0.0
-72.5°	11.5	5.8	2.9	0.0
-75°	11.5	5.8	2.9	0.0
-77.5°	8.7	2.9	0.0	0.0
-80°	8.7	2.9	0.0	0.0
-82.5°	5.8	2.9	0.0	0.0
-85°	2.9	2.9	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)