

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: P722462

Luminaire Tested: **IFLD-S-SA6A-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722462
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27219.9 lumens	Max Intensity:	19002.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	143.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	17365.1 lumens	Field Lumens:	25662.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

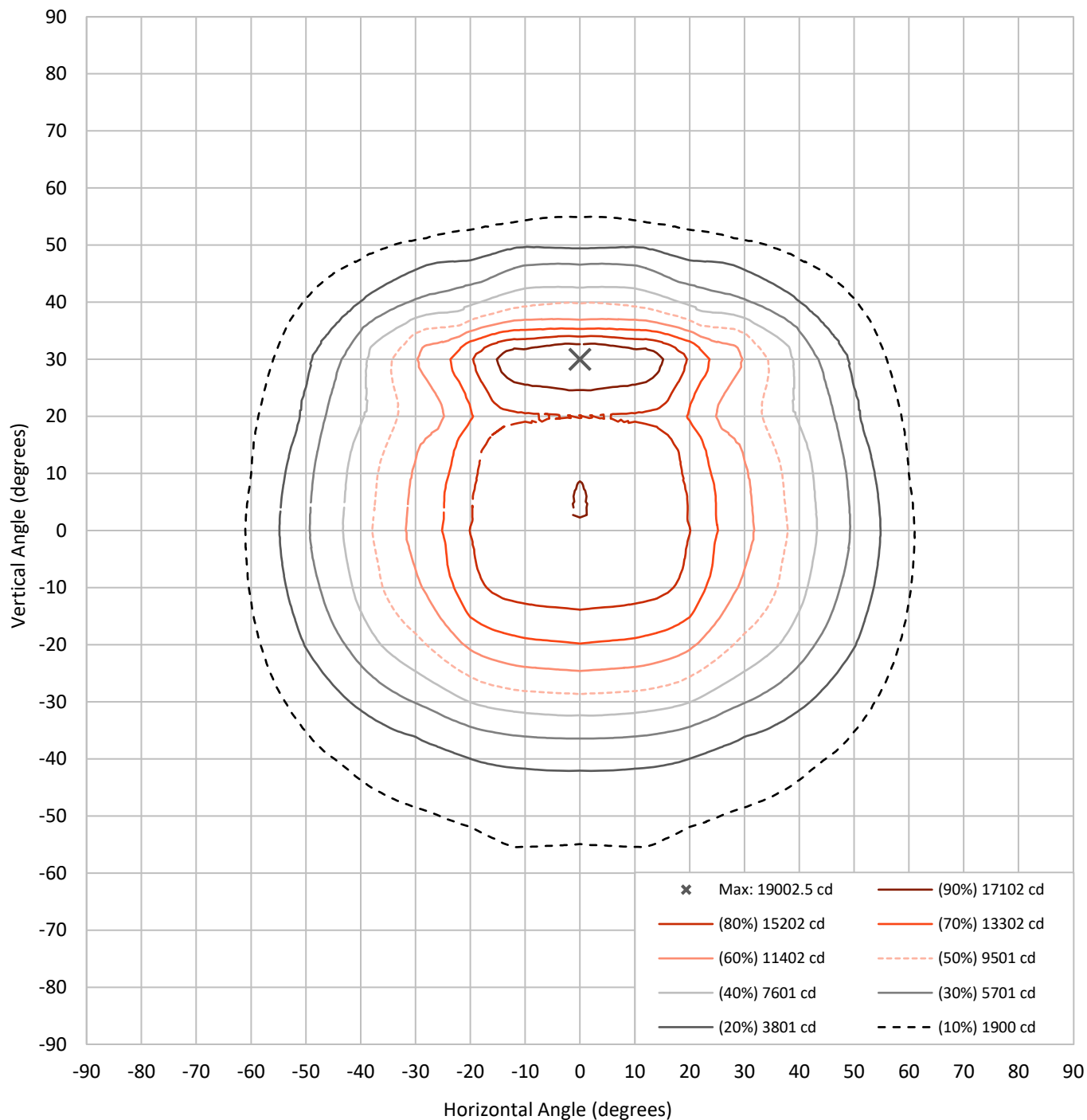
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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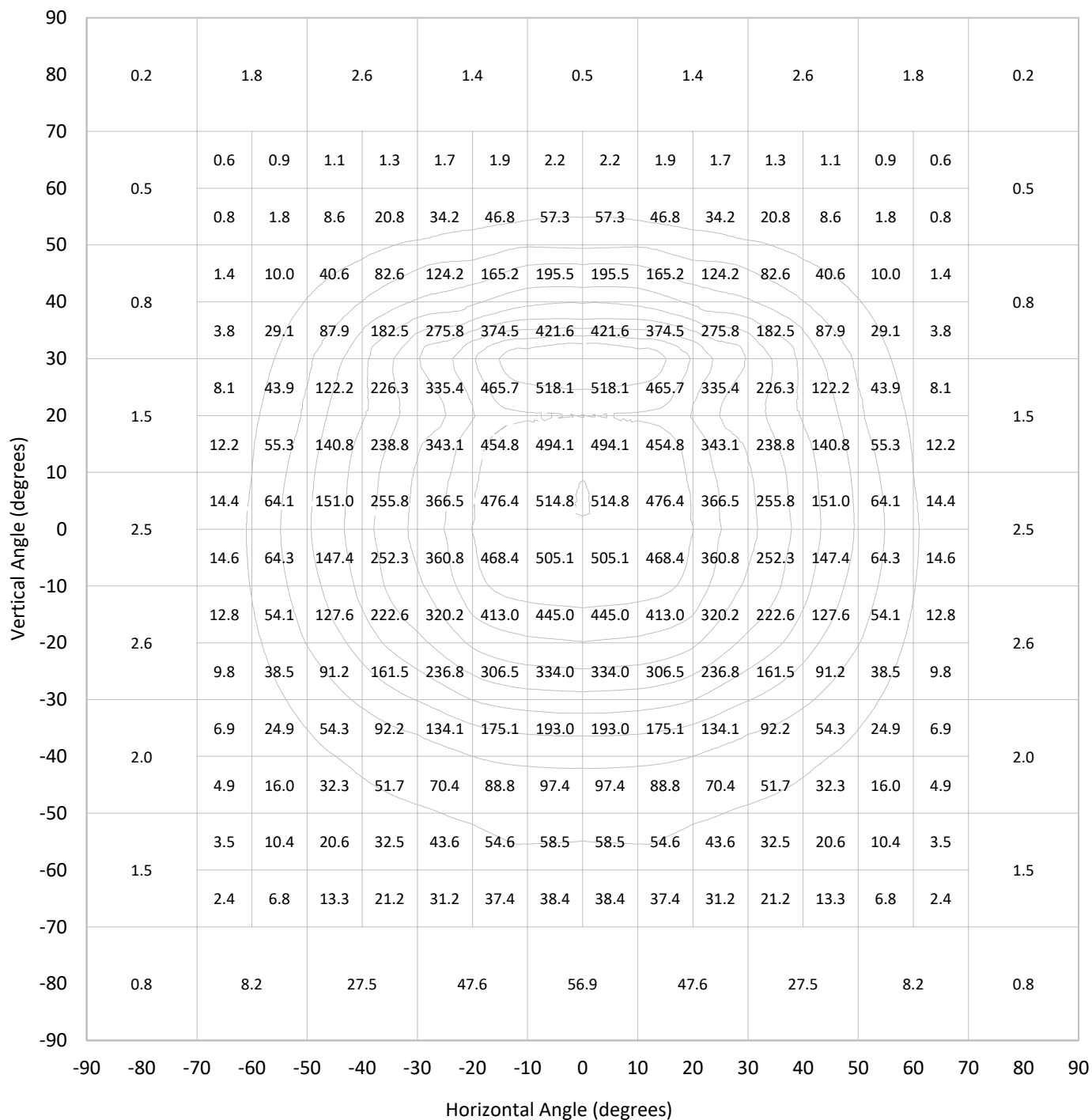
Iso-Candela Plot



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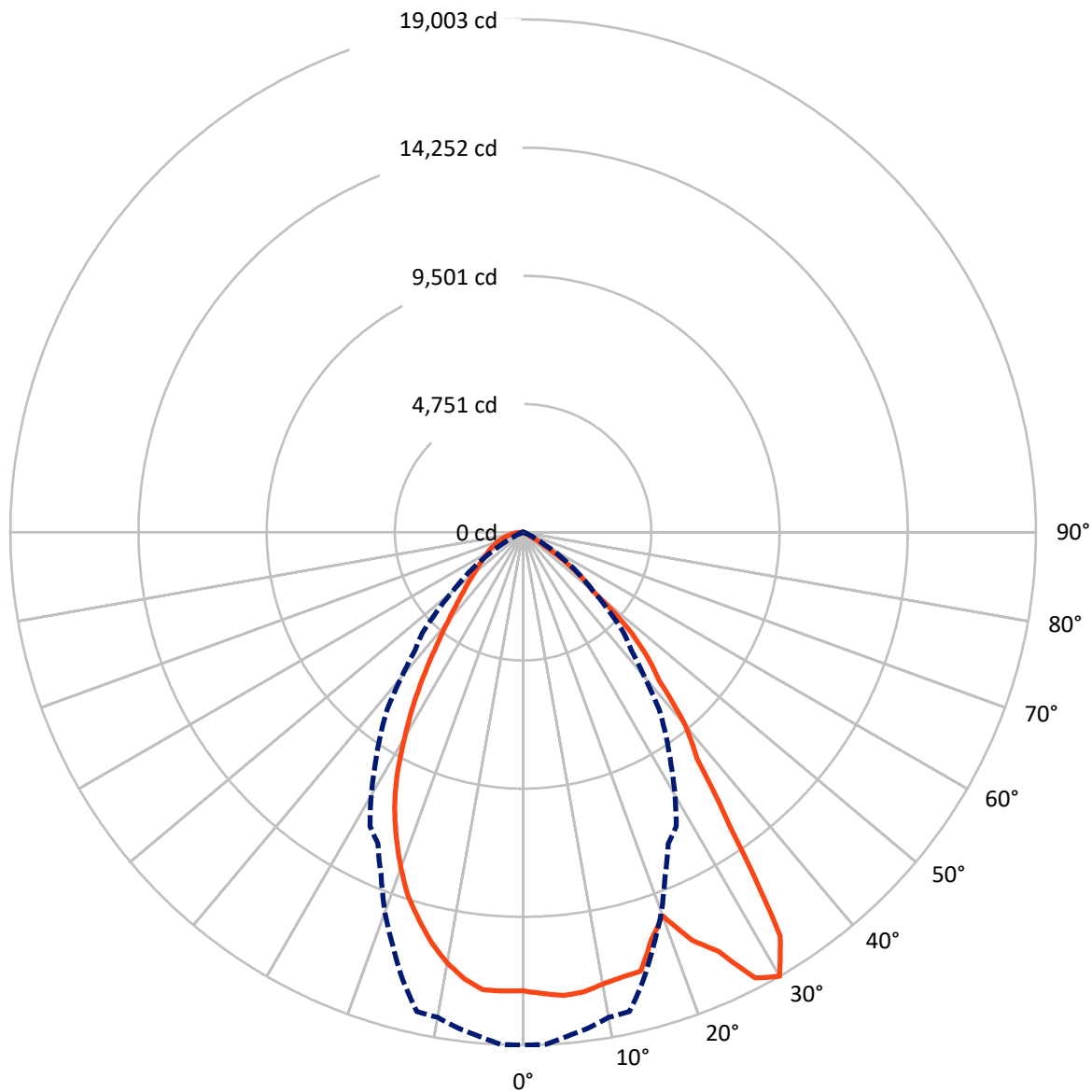
Lumen Table



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Luminous Intensity Polar Plot



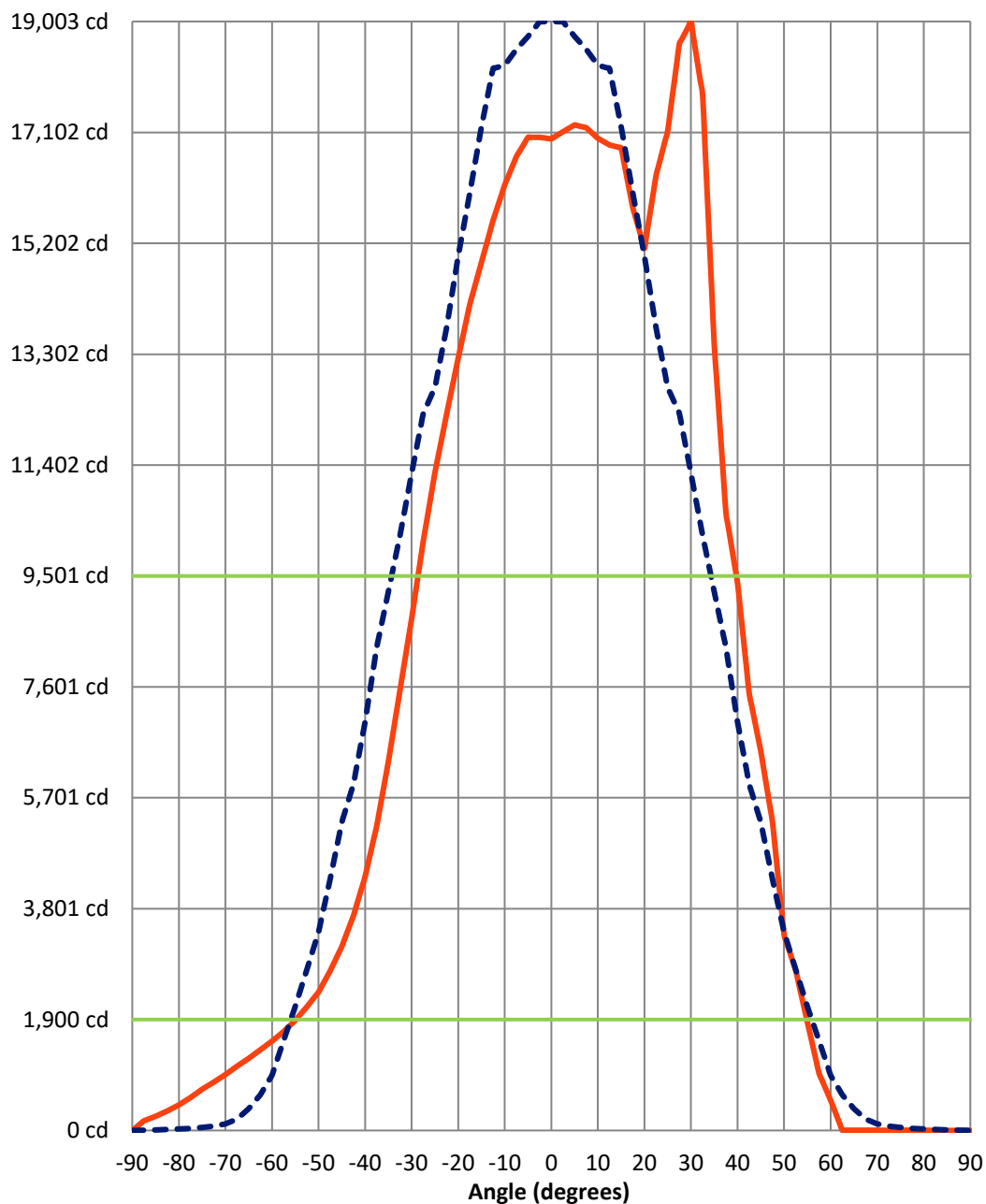
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17365.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25662.3

Efficiency: 94.3%

Spill:

Lumens: 1557.6

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	8.7	8.7	13.0
82.5°	0.0	4.3	4.3	4.3	8.7	8.7	8.7	8.7	13.0	13.0	17.3
80°	4.3	4.3	4.3	4.3	8.7	8.7	8.7	13.0	13.0	17.3	17.3
77.5°	4.3	4.3	4.3	8.7	8.7	8.7	13.0	13.0	17.3	17.3	21.7
75°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.3	17.3	21.7
72.5°	0.0	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.3	17.3	17.3
70°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	13.0	17.3	17.3	17.3
67.5°	4.3	4.3	4.3	8.7	8.7	13.0	13.0	17.3	17.3	17.3	21.7
65°	4.3	4.3	4.3	8.7	13.0	13.0	17.3	21.7	21.7	26.0	30.3
62.5°	4.3	8.7	8.7	13.0	17.3	21.7	47.7	73.7	73.7	52.0	43.3
60°	515.7	559.0	554.7	502.7	437.7	368.3	355.3	342.3	316.3	277.3	290.3
57.5°	979.4	1031.4	1053.0	1040.0	1005.4	944.7	910.0	871.0	819.0	758.4	689.0
55°	1854.8	1876.4	1828.7	1737.7	1638.1	1538.4	1503.7	1451.7	1373.7	1295.7	1191.7
52.5°	2743.1	2816.8	2795.1	2704.1	2569.8	2392.1	2197.1	2045.4	1954.4	1867.8	1763.7
50°	3349.8	3380.2	3440.8	3549.2	3588.2	3466.8	3150.5	2743.1	2452.8	2600.1	2487.4
47.5°	5286.9	5438.6	5408.2	5330.2	5200.2	4870.9	4428.9	4064.8	3761.5	3661.8	3679.2
45°	6496.0	6556.6	6535.0	6500.3	6439.6	6131.9	5642.3	5083.2	4801.5	4688.9	4571.9
42.5°	7488.3	7553.3	7566.3	7570.7	7505.7	7224.0	6782.0	6222.9	5941.3	5616.3	5360.6
40°	9382.1	9477.4	9369.1	9226.1	9009.4	8688.7	8255.4	7739.7	7241.3	6842.6	6539.3
37.5°	10591.1	10708.1	10751.5	10742.8	10695.1	10556.5	10023.5	9533.8	8771.1	7878.4	8038.7
35°	13459.9	13581.3	13546.6	13416.6	13347.3	13199.9	12679.9	12099.2	11141.5	10170.8	9910.8
32.5°	17737.1	18001.5	17507.5	16965.8	16632.1	16749.1	16220.4	14799.0	14357.0	12606.2	11795.9
30°	19002.5	18998.2	18746.8	18525.8	18252.8	18196.5	17199.8	16064.4	14981.0	13754.6	12731.9
27.5°	18616.8	18538.8	18326.5	18166.2	17910.5	17776.1	16801.1	15899.7	14647.3	13550.9	12562.9
25°	17130.4	17191.1	16974.4	16944.1	16844.4	16584.4	16099.1	15085.0	13967.0	12753.6	12042.9
22.5°	16363.4	16341.7	16081.7	15930.1	16051.4	15774.0	15579.0	14556.3	13390.6	12367.9	11514.2
20°	15115.3	15119.7	15054.7	15041.7	14968.0	14842.3	14686.3	13962.6	13139.3	12263.9	11236.8
17.5°	15813.0	15990.7	16068.7	15423.0	15605.0	15462.0	15297.4	14287.6	13667.9	12892.2	11553.2
15°	16835.8	16770.8	16692.8	16658.1	16558.4	16424.1	16125.1	15319.0	14253.0	13451.3	12406.9
12.5°	16887.8	16762.1	16731.8	16727.4	16623.4	16437.1	16146.7	15479.4	14534.7	13559.6	12710.2
10°	17000.4	16870.4	16853.1	16874.8	16714.4	16597.4	16307.1	15687.4	14621.3	13746.0	12944.3
7.5°	17182.4	16965.8	17065.4	17000.4	16926.8	16740.4	16428.4	15821.7	14937.7	13993.0	13152.3
5°	17230.1	16991.8	17100.1	17039.4	16931.1	16749.1	16411.1	15908.4	15132.7	14092.6	13234.6
2.5°	17113.1	17043.8	16996.1	16883.4	16835.8	16636.4	16315.7	15778.4	15041.7	14049.3	13217.3
0°	16991.8	17052.4	16944.1	16831.4	16809.8	16649.4	16376.4	15891.0	15254.0	14170.6	13364.6
-2.5°	17017.8	16970.1	16896.4	16779.4	16666.8	16437.1	16190.1	15735.0	15050.3	13906.3	13156.6
-5°	17017.8	16796.8	16805.4	16809.8	16697.1	16458.7	16159.7	15774.0	14929.0	13902.0	13095.9
-7.5°	16688.4	16497.7	16467.4	16441.4	16411.1	16190.1	15956.1	15475.0	14725.3	13789.3	12926.9
-10°	16203.1	16016.7	16034.1	15995.1	15899.7	15752.4	15574.7	15141.3	14526.0	13433.9	12584.6
-12.5°	15596.4	15514.0	15466.4	15401.4	15306.0	15176.0	14994.0	14586.7	13928.0	12996.3	12190.2
-15°	14877.0	14816.3	14773.0	14734.0	14595.3	14461.0	14222.6	13845.6	13433.9	12432.9	11609.5
-17.5°	14157.6	14006.0	13945.3	13893.3	13802.3	13585.6	13368.9	13087.3	12510.9	11717.9	11011.5
-20°	13234.6	13143.6	13069.9	13000.6	12870.6	12701.6	12523.9	12198.9	11700.5	11059.2	10326.8

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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°	12268.2	12216.2	12155.5	12068.9	11982.2	11821.9	11574.9	11262.8	10872.8	10179.5	9494.8
-25°	11271.5	11171.8	11098.2	11015.8	10946.5	10799.2	10560.8	10261.8	9772.1	9174.1	8602.1
-27.5°	10097.1	10001.8	9962.8	9867.4	9806.8	9672.4	9434.1	9156.7	8714.7	8212.0	7631.3
-30°	8771.1	8788.4	8745.1	8654.1	8580.4	8407.0	8225.0	7991.0	7644.3	7163.3	6643.3
-32.5°	7544.7	7566.3	7514.3	7419.0	7323.7	7198.0	7029.0	6816.6	6556.6	6097.3	5646.6
-35°	6318.3	6309.6	6266.3	6209.9	6144.9	6040.9	5850.3	5689.9	5390.9	5070.2	4758.2
-37.5°	5217.6	5239.2	5226.2	5195.9	5122.2	5035.6	4879.6	4732.2	4511.2	4229.5	3986.8
-40°	4346.5	4372.5	4355.2	4324.9	4259.9	4207.9	4103.9	3973.8	3796.2	3553.5	3349.8
-42.5°	3679.2	3696.5	3674.8	3648.8	3592.5	3553.5	3471.2	3362.8	3215.5	3029.1	2847.1
-45°	3150.5	3154.8	3133.1	3115.8	3072.5	3024.8	2955.5	2868.8	2751.8	2621.8	2474.4
-47.5°	2734.5	2730.1	2708.5	2691.1	2656.5	2613.1	2556.8	2478.8	2387.8	2288.1	2171.1
-50°	2370.4	2392.1	2383.4	2366.1	2340.1	2309.8	2253.4	2171.1	2080.1	2006.4	1924.1
-52.5°	2119.1	2123.4	2119.1	2119.1	2114.8	2093.1	2028.1	1945.8	1846.1	1781.1	1711.7
-55°	1885.1	1906.8	1915.4	1924.1	1928.4	1928.4	1850.4	1763.7	1668.4	1603.4	1551.4
-57.5°	1694.4	1707.4	1716.1	1737.7	1755.1	1768.1	1698.7	1620.7	1547.1	1486.4	1438.7
-60°	1529.7	1547.1	1560.1	1581.7	1594.7	1603.4	1560.1	1508.1	1464.7	1425.7	1356.4
-62.5°	1382.4	1395.4	1408.4	1421.4	1434.4	1443.1	1425.7	1399.7	1378.1	1360.7	1274.1
-65°	1235.1	1248.1	1261.1	1278.4	1291.4	1300.1	1295.7	1278.4	1261.1	1243.7	1165.7
-67.5°	1100.7	1113.7	1131.1	1135.4	1144.1	1148.4	1139.7	1126.7	1105.0	1083.4	1022.7
-70°	957.7	966.4	975.0	975.0	975.0	970.7	962.0	944.7	923.0	892.7	845.0
-72.5°	827.7	836.4	845.0	832.0	823.4	810.4	797.4	775.7	754.0	732.4	706.4
-75°	706.4	710.7	710.7	693.4	680.4	667.4	650.0	637.0	615.4	598.0	576.4
-77.5°	563.4	563.4	563.4	550.4	541.7	533.0	520.0	507.0	489.7	476.7	459.4
-80°	437.7	437.7	437.7	433.4	420.4	411.7	403.0	394.4	381.4	372.7	364.0
-82.5°	333.7	333.7	333.7	329.3	320.7	316.3	307.7	299.0	294.7	286.0	281.7
-85°	242.7	247.0	247.0	242.7	238.3	229.7	225.3	221.0	216.7	212.3	203.7
-87.5°	164.7	164.7	164.7	160.3	156.0	156.0	151.7	143.0	134.3	130.0	125.7
-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	13.0	13.0	13.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	13.0
82.5°	21.7	21.7	26.0	26.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3
80°	21.7	26.0	30.3	34.7	39.0	43.3	43.3	43.3	43.3	39.0	39.0
77.5°	26.0	26.0	30.3	34.7	39.0	43.3	47.7	52.0	47.7	47.7	47.7
75°	26.0	30.3	30.3	34.7	39.0	43.3	47.7	52.0	52.0	52.0	52.0
72.5°	21.7	26.0	30.3	34.7	34.7	39.0	43.3	43.3	47.7	47.7	52.0
70°	21.7	26.0	30.3	30.3	34.7	34.7	39.0	43.3	43.3	47.7	47.7
67.5°	26.0	30.3	30.3	34.7	39.0	39.0	39.0	43.3	43.3	47.7	47.7
65°	30.3	34.7	34.7	39.0	43.3	43.3	47.7	47.7	47.7	52.0	52.0
62.5°	52.0	52.0	52.0	47.7	52.0	52.0	52.0	56.3	56.3	52.0	56.3
60°	268.7	195.0	134.3	169.0	151.7	69.3	69.3	69.3	65.0	65.0	60.7
57.5°	632.7	589.4	507.0	429.0	385.7	342.3	212.3	86.7	86.7	78.0	69.3
55°	1057.4	914.4	853.7	749.7	637.0	585.0	485.4	329.3	156.0	104.0	91.0
52.5°	1638.1	1503.7	1347.7	1135.4	983.7	862.4	780.0	619.7	416.0	221.0	138.7
50°	2192.8	2132.1	2036.8	1828.7	1512.4	1308.7	1174.4	992.4	745.4	455.0	260.0
47.5°	3531.8	3024.8	2717.1	2556.8	2292.4	1906.8	1646.7	1443.1	1144.1	767.0	459.4
45°	4446.2	4125.5	3635.8	3297.8	2907.8	2500.4	2162.4	1928.4	1573.1	1148.4	719.4
42.5°	5230.6	4953.2	4511.2	4017.2	3605.5	3072.5	2639.1	2331.4	2032.4	1568.7	1074.7
40°	6240.3	5910.9	5486.2	5005.2	4524.2	3843.8	3141.8	2769.1	2439.8	2028.1	1451.7
37.5°	7904.4	7323.7	6630.3	6097.3	5468.9	4892.6	3930.5	3271.8	2881.8	2452.8	1893.8
35°	9906.4	9269.4	8112.4	7406.0	6565.3	5707.3	4840.6	3865.5	3310.8	2855.8	2301.1
32.5°	11769.9	10838.2	9356.1	8528.4	7969.4	6387.6	5490.6	4645.5	3752.8	3193.8	2535.1
30°	12285.6	11258.5	10196.8	9230.4	8277.0	6998.6	5936.9	5278.2	4307.5	3397.5	2756.1
27.5°	11765.5	11059.2	10235.8	9338.8	8307.4	7211.0	6209.9	5581.6	4714.9	3536.2	2929.5
25°	11236.8	10500.1	9923.8	9174.1	8220.7	7198.0	6218.6	5772.3	5031.2	3804.8	3024.8
22.5°	10677.8	10218.5	9741.8	8905.4	8004.0	7237.0	6500.3	5936.9	5195.9	4108.2	3063.8
20°	10708.1	10409.1	9884.8	8766.7	7965.0	7466.7	6838.3	6144.9	5373.6	4372.5	3094.1
17.5°	11193.5	10803.5	10144.8	9174.1	8316.0	7700.7	7120.0	6431.0	5555.6	4606.5	3462.5
15°	11791.5	11197.8	10508.8	9655.1	8684.4	7956.4	7336.7	6630.3	5763.6	4823.2	3791.8
12.5°	12224.9	11379.8	10734.2	9962.8	9083.1	8233.7	7479.7	6782.0	5958.6	5000.9	4038.8
10°	12372.2	11605.2	10842.5	10153.5	9286.8	8381.0	7588.0	6877.3	6127.6	5139.6	4220.9
7.5°	12450.2	11800.2	10916.2	10240.1	9408.1	8472.0	7674.7	6929.3	6261.9	5234.9	4337.9
5°	12441.6	11904.2	10972.5	10266.1	9473.1	8511.1	7735.3	6942.3	6357.3	5317.2	4407.2
2.5°	12402.6	11973.5	11063.5	10309.5	9603.1	8584.7	7852.4	6968.3	6392.0	5408.2	4454.9
0°	12545.6	11977.9	11158.8	10322.5	9689.8	8610.7	7904.4	6946.6	6344.3	5434.2	4450.5
-2.5°	12237.9	11722.2	11137.2	10209.8	9572.8	8550.1	7809.0	6877.3	6240.3	5403.9	4433.2
-5°	12185.9	11535.9	10955.2	10105.8	9377.8	8424.4	7631.3	6747.3	6075.6	5304.2	4363.9
-7.5°	12047.2	11358.2	10777.5	10023.5	9195.7	8294.4	7462.3	6613.0	5897.9	5148.2	4264.2
-10°	11743.9	11085.2	10586.8	9845.8	8974.7	8108.0	7258.7	6435.3	5689.9	4935.9	4108.2
-12.5°	11310.5	10651.8	10157.8	9468.8	8697.4	7856.7	7016.0	6205.6	5451.6	4710.5	3921.8
-15°	10820.8	10153.5	9659.4	9031.1	8285.7	7466.7	6708.3	5915.3	5178.6	4472.2	3700.8
-17.5°	10266.1	9633.4	9156.7	8545.7	7804.7	7024.7	6270.6	5551.3	4862.2	4225.2	3445.2
-20°	9624.8	9009.4	8571.7	7960.7	7280.3	6522.0	5789.6	5109.2	4489.5	3891.5	3163.5

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CATALOG NUMBER: IFLD-S-SA6A-735-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°	8831.7	8290.0	7791.7	7245.7	6652.0	5958.6	5278.2	4675.9	4082.2	3497.2	2873.1
-25°	8021.4	7497.0	7011.6	6513.3	5945.6	5347.6	4766.9	4220.9	3640.2	3111.5	2591.5
-27.5°	7120.0	6652.0	6218.6	5759.3	5239.2	4723.5	4246.9	3713.8	3211.1	2760.5	2314.1
-30°	6157.9	5776.6	5399.6	4992.2	4571.9	4138.5	3713.8	3211.1	2816.8	2457.1	2080.1
-32.5°	5234.9	4892.6	4589.2	4285.9	3921.8	3566.5	3189.5	2816.8	2487.4	2171.1	1854.8
-35°	4424.5	4060.5	3891.5	3648.8	3358.5	3037.8	2730.1	2470.1	2205.8	1919.8	1638.1
-37.5°	3722.5	3488.5	3289.1	3107.1	2877.5	2600.1	2379.1	2166.8	1945.8	1685.7	1443.1
-40°	3172.1	3003.1	2803.8	2669.5	2483.1	2283.8	2062.8	1885.1	1698.7	1486.4	1287.1
-42.5°	2730.1	2591.5	2461.4	2318.4	2179.8	2010.8	1820.1	1651.1	1482.1	1326.1	1161.4
-45°	2366.1	2266.4	2162.4	2045.4	1924.1	1776.7	1620.7	1447.4	1326.1	1187.4	1048.7
-47.5°	2067.1	1993.4	1906.8	1815.7	1711.7	1581.7	1438.7	1313.1	1187.4	1070.4	936.0
-50°	1828.7	1759.4	1690.1	1612.1	1521.1	1408.4	1300.1	1183.1	1066.0	953.4	827.7
-52.5°	1629.4	1568.7	1512.4	1447.4	1360.7	1265.4	1165.7	1061.7	953.4	840.7	741.0
-55°	1490.7	1421.4	1365.1	1300.1	1222.1	1131.1	1040.0	944.7	840.7	754.0	671.7
-57.5°	1378.1	1300.1	1235.1	1165.7	1087.7	1009.7	927.4	840.7	762.7	680.4	602.4
-60°	1282.7	1191.7	1118.1	1048.7	975.0	901.4	832.0	758.4	684.7	611.0	533.0
-62.5°	1183.1	1087.7	996.7	931.7	875.4	810.4	749.7	680.4	615.4	541.7	485.4
-65°	1070.4	979.4	892.7	836.4	784.4	728.0	671.7	611.0	554.7	498.4	446.4
-67.5°	944.7	866.7	806.0	754.0	702.0	654.4	602.4	550.4	502.7	446.4	394.4
-70°	793.0	749.7	715.0	676.0	628.4	585.0	537.4	489.7	437.7	390.0	342.3
-72.5°	676.0	650.0	624.0	585.0	541.7	502.7	463.7	420.4	377.0	333.7	294.7
-75°	554.7	533.0	511.4	485.4	450.7	420.4	385.7	346.7	312.0	281.7	251.3
-77.5°	446.4	429.0	416.0	394.4	368.3	342.3	320.7	294.7	268.7	238.3	208.0
-80°	355.3	346.7	342.3	333.7	312.0	290.3	273.0	251.3	225.3	203.7	182.0
-82.5°	277.3	277.3	273.0	268.7	251.3	234.0	221.0	203.7	186.3	169.0	147.3
-85°	203.7	199.3	199.3	195.0	182.0	173.3	160.3	151.7	138.7	121.3	112.7
-87.5°	121.3	117.0	112.7	108.3	99.7	95.3	86.7	82.3	73.7	65.0	60.7
-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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CATALOG NUMBER: IFLD-S-SA6A-735-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	13.0	8.7	8.7	8.7	8.7	8.7	4.3	4.3	4.3	4.3	4.3
82.5°	26.0	26.0	21.7	21.7	17.3	13.0	8.7	8.7	8.7	4.3	4.3
80°	39.0	39.0	39.0	34.7	30.3	21.7	17.3	13.0	8.7	4.3	4.3
77.5°	47.7	43.3	43.3	39.0	39.0	34.7	26.0	21.7	13.0	8.7	4.3
75°	47.7	47.7	47.7	43.3	43.3	39.0	34.7	26.0	21.7	13.0	8.7
72.5°	52.0	47.7	47.7	47.7	43.3	39.0	34.7	30.3	26.0	17.3	8.7
70°	47.7	47.7	47.7	47.7	43.3	43.3	34.7	30.3	30.3	17.3	13.0
67.5°	47.7	47.7	47.7	43.3	43.3	39.0	34.7	30.3	30.3	21.7	13.0
65°	52.0	47.7	47.7	47.7	43.3	39.0	34.7	30.3	30.3	26.0	17.3
62.5°	56.3	52.0	52.0	47.7	43.3	39.0	34.7	30.3	30.3	26.0	17.3
60°	60.7	56.3	52.0	52.0	47.7	43.3	34.7	34.7	30.3	26.0	17.3
57.5°	65.0	60.7	60.7	56.3	52.0	47.7	39.0	34.7	30.3	26.0	21.7
55°	78.0	69.3	65.0	65.0	60.7	52.0	43.3	34.7	30.3	26.0	21.7
52.5°	104.0	82.3	73.7	73.7	69.3	60.7	47.7	39.0	30.3	26.0	21.7
50°	164.7	104.0	86.7	78.0	78.0	69.3	56.3	43.3	30.3	26.0	21.7
47.5°	260.0	173.3	104.0	91.0	86.7	82.3	65.0	43.3	34.7	26.0	21.7
45°	429.0	255.7	169.0	108.3	91.0	86.7	73.7	47.7	34.7	30.3	21.7
42.5°	589.4	398.7	260.0	130.0	108.3	95.3	78.0	52.0	39.0	30.3	21.7
40°	927.4	546.0	364.0	212.3	125.7	99.7	86.7	60.7	39.0	30.3	21.7
37.5°	1256.7	723.7	489.7	312.0	143.0	112.7	91.0	65.0	43.3	30.3	26.0
35°	1586.1	1014.0	606.7	416.0	190.7	134.3	95.3	69.3	43.3	30.3	26.0
32.5°	1880.8	1287.1	728.0	520.0	286.0	160.3	104.0	73.7	47.7	34.7	26.0
30°	2123.4	1538.4	944.7	611.0	372.7	195.0	112.7	73.7	52.0	34.7	26.0
27.5°	2305.4	1733.4	1165.7	706.4	446.4	229.7	130.0	82.3	52.0	34.7	26.0
25°	2452.8	1885.1	1360.7	806.0	511.4	286.0	156.0	86.7	56.3	39.0	26.0
22.5°	2569.8	2010.8	1521.1	940.4	589.4	342.3	190.7	95.3	56.3	39.0	26.0
20°	2730.1	2136.4	1629.4	1083.4	671.7	394.4	221.0	104.0	56.3	39.0	30.3
17.5°	2868.8	2262.1	1716.1	1204.7	754.0	433.4	255.7	112.7	60.7	39.0	30.3
15°	3029.1	2383.4	1794.1	1300.1	832.0	468.0	286.0	121.3	60.7	43.3	30.3
12.5°	3202.5	2496.1	1850.4	1378.1	914.4	498.4	312.0	138.7	65.0	43.3	30.3
10°	3380.2	2591.5	1898.1	1434.4	975.0	528.7	329.3	156.0	69.3	43.3	30.3
7.5°	3557.8	2678.1	1958.8	1460.4	1001.0	563.4	338.0	173.3	69.3	47.7	30.3
5°	3679.2	2734.5	2045.4	1477.7	1014.0	602.4	351.0	195.0	73.7	47.7	30.3
2.5°	3783.2	2769.1	2136.4	1490.7	1018.4	624.0	346.7	208.0	78.0	47.7	30.3
0°	3830.8	2769.1	2197.1	1482.1	1005.4	645.7	346.7	221.0	78.0	47.7	30.3
-2.5°	3757.2	2847.1	2179.8	1486.4	1009.7	645.7	364.0	225.3	86.7	52.0	30.3
-5°	3640.2	2877.5	2127.8	1464.7	1001.0	645.7	385.7	229.7	91.0	52.0	34.7
-7.5°	3527.5	2890.5	2067.1	1443.1	988.0	628.4	390.0	225.3	99.7	56.3	34.7
-10°	3380.2	2747.5	1989.1	1404.1	962.0	615.4	398.7	225.3	104.0	56.3	34.7
-12.5°	3211.1	2574.1	1893.8	1347.7	931.7	602.4	403.0	225.3	108.3	60.7	34.7
-15°	3016.1	2396.4	1785.4	1287.1	888.4	585.0	394.4	221.0	112.7	60.7	39.0
-17.5°	2795.1	2223.1	1672.7	1213.4	840.7	563.4	377.0	216.7	112.7	60.7	39.0
-20°	2543.8	2049.8	1547.1	1139.7	784.4	537.4	359.7	208.0	112.7	60.7	39.0



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CATALOG NUMBER: IFLD-S-SA6A-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2318.4	1889.4	1417.1	1057.4	723.7	507.0	338.0	199.3	112.7	65.0	39.0
-25°	2132.1	1733.4	1317.4	975.0	658.7	472.4	316.3	190.7	112.7	65.0	39.0
-27.5°	1937.1	1564.4	1213.4	897.0	615.4	442.0	294.7	182.0	108.3	65.0	39.0
-30°	1737.7	1399.7	1105.0	810.4	572.0	411.7	277.3	169.0	108.3	65.0	39.0
-32.5°	1555.7	1265.4	1005.4	723.7	524.4	381.4	260.0	164.7	104.0	65.0	39.0
-35°	1378.1	1144.1	901.4	654.4	472.4	351.0	242.7	160.3	104.0	65.0	39.0
-37.5°	1230.7	1031.4	806.0	606.7	442.0	325.0	225.3	151.7	99.7	65.0	39.0
-40°	1109.4	927.4	715.0	554.7	416.0	299.0	208.0	147.3	99.7	65.0	39.0
-42.5°	996.7	827.7	658.7	511.4	390.0	281.7	195.0	143.0	95.3	65.0	39.0
-45°	897.0	741.0	602.4	472.4	359.7	260.0	186.3	134.3	91.0	65.0	43.3
-47.5°	797.4	680.4	550.4	437.7	329.3	234.0	177.7	130.0	86.7	60.7	43.3
-50°	719.4	615.4	507.0	398.7	299.0	225.3	169.0	121.3	86.7	60.7	43.3
-52.5°	650.0	554.7	459.4	359.7	273.0	212.3	160.3	112.7	82.3	60.7	43.3
-55°	585.0	498.4	411.7	320.7	255.7	199.3	147.3	104.0	82.3	60.7	43.3
-57.5°	520.0	446.4	364.0	290.3	234.0	186.3	138.7	104.0	82.3	60.7	43.3
-60°	468.0	398.7	329.3	268.7	216.7	169.0	125.7	99.7	78.0	60.7	43.3
-62.5°	424.7	359.7	299.0	242.7	199.3	151.7	121.3	99.7	78.0	60.7	39.0
-65°	381.4	325.0	268.7	221.0	177.7	143.0	117.0	95.3	78.0	60.7	39.0
-67.5°	338.0	286.0	242.7	195.0	164.7	138.7	112.7	95.3	73.7	56.3	39.0
-70°	294.7	251.3	212.3	182.0	156.0	130.0	108.3	91.0	73.7	52.0	34.7
-72.5°	260.0	221.0	190.7	169.0	147.3	125.7	104.0	86.7	69.3	47.7	30.3
-75°	221.0	195.0	173.3	151.7	134.3	117.0	99.7	78.0	60.7	43.3	30.3
-77.5°	186.3	169.0	151.7	138.7	121.3	104.0	86.7	69.3	56.3	39.0	26.0
-80°	160.3	147.3	134.3	121.3	108.3	91.0	78.0	60.7	47.7	34.7	21.7
-82.5°	130.0	121.3	108.3	99.7	91.0	78.0	65.0	52.0	34.7	26.0	17.3
-85°	99.7	91.0	86.7	78.0	69.3	56.3	43.3	34.7	26.0	17.3	8.7
-87.5°	52.0	47.7	43.3	39.0	34.7	26.0	21.7	17.3	13.0	8.7	4.3
-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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CATALOG NUMBER: IFLD-S-SA6A-735-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.7	4.3	0.0	0.0
65°	8.7	4.3	0.0	0.0
62.5°	8.7	4.3	0.0	0.0
60°	8.7	4.3	0.0	0.0
57.5°	13.0	4.3	4.3	0.0
55°	13.0	4.3	4.3	0.0
52.5°	13.0	4.3	4.3	0.0
50°	13.0	8.7	4.3	0.0
47.5°	13.0	8.7	4.3	0.0
45°	13.0	8.7	4.3	0.0
42.5°	13.0	8.7	4.3	0.0
40°	17.3	8.7	4.3	0.0
37.5°	17.3	8.7	4.3	0.0
35°	17.3	8.7	4.3	0.0
32.5°	17.3	8.7	4.3	0.0
30°	17.3	8.7	4.3	0.0
27.5°	17.3	13.0	4.3	0.0
25°	17.3	13.0	4.3	0.0
22.5°	21.7	13.0	4.3	0.0
20°	21.7	13.0	4.3	0.0
17.5°	21.7	13.0	4.3	0.0
15°	21.7	13.0	4.3	0.0
12.5°	21.7	13.0	4.3	0.0
10°	21.7	13.0	4.3	0.0
7.5°	21.7	13.0	4.3	0.0
5°	21.7	13.0	4.3	0.0
2.5°	21.7	13.0	4.3	0.0
0°	21.7	13.0	4.3	0.0
-2.5°	21.7	13.0	4.3	0.0
-5°	21.7	13.0	4.3	0.0
-7.5°	21.7	13.0	4.3	0.0
-10°	21.7	13.0	4.3	0.0
-12.5°	26.0	13.0	4.3	0.0
-15°	26.0	13.0	4.3	0.0
-17.5°	26.0	13.0	4.3	0.0
-20°	26.0	13.0	4.3	0.0

REPORT NUMBER: P722462

CATALOG NUMBER: IFLD-S-SA6A-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.0	13.0	4.3	0.0
-25°	26.0	13.0	4.3	0.0
-27.5°	26.0	13.0	4.3	0.0
-30°	26.0	13.0	4.3	0.0
-32.5°	26.0	13.0	4.3	0.0
-35°	26.0	13.0	4.3	0.0
-37.5°	26.0	13.0	4.3	0.0
-40°	26.0	13.0	4.3	0.0
-42.5°	21.7	13.0	4.3	0.0
-45°	26.0	13.0	4.3	0.0
-47.5°	26.0	13.0	4.3	0.0
-50°	26.0	13.0	4.3	0.0
-52.5°	26.0	13.0	4.3	0.0
-55°	26.0	13.0	4.3	0.0
-57.5°	26.0	13.0	4.3	0.0
-60°	26.0	13.0	4.3	0.0
-62.5°	21.7	13.0	4.3	0.0
-65°	21.7	8.7	4.3	0.0
-67.5°	21.7	8.7	4.3	0.0
-70°	21.7	8.7	4.3	0.0
-72.5°	17.3	8.7	4.3	0.0
-75°	17.3	8.7	4.3	0.0
-77.5°	13.0	4.3	0.0	0.0
-80°	13.0	4.3	0.0	0.0
-82.5°	8.7	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)