

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: P722696

Luminaire Tested: **IFLD-S-SA6C-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722696
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	28212 lumens	Max Intensity:	19695.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	87.8 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:	17998 lumens	Field Lumens:	26597.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

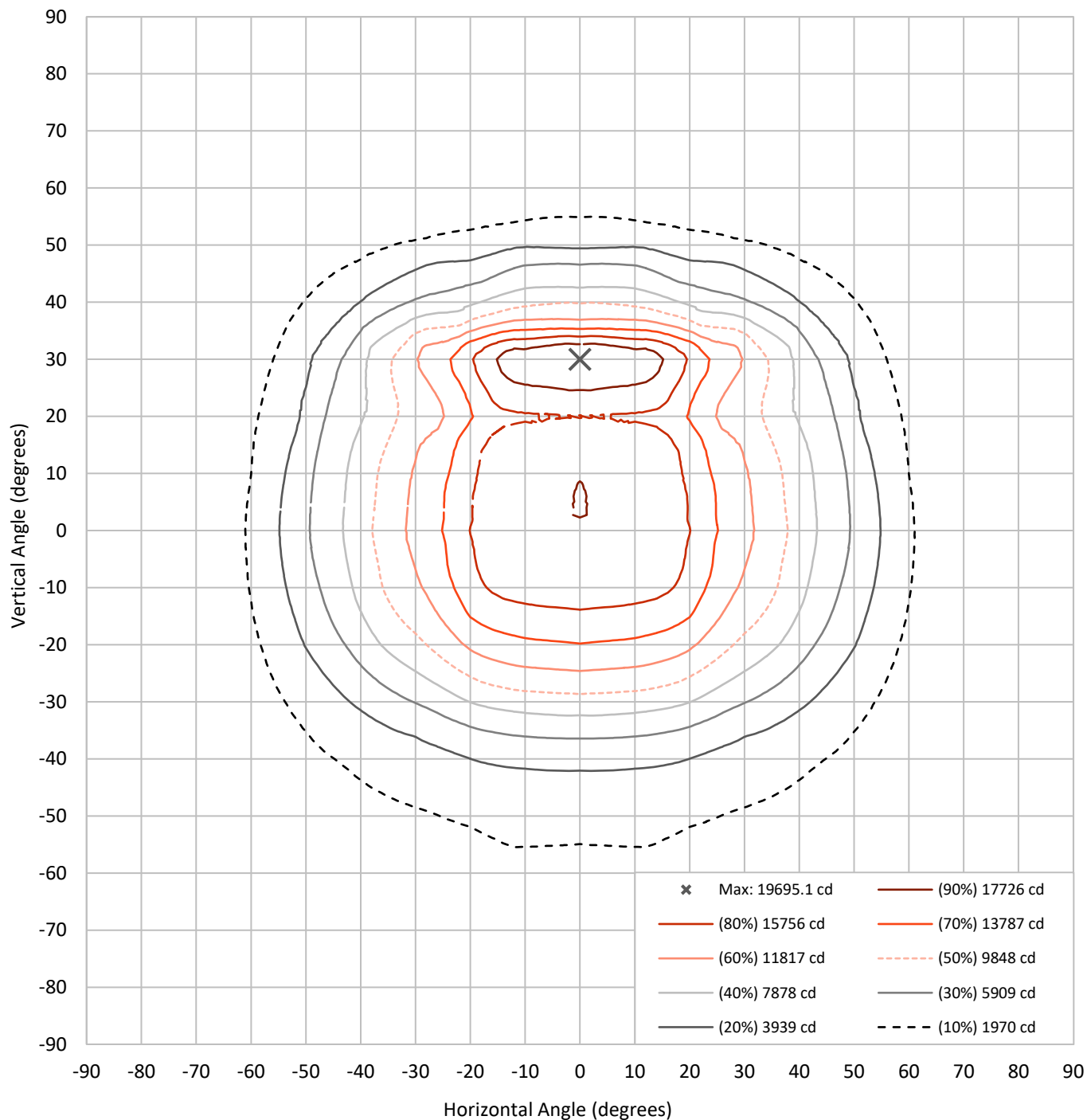
Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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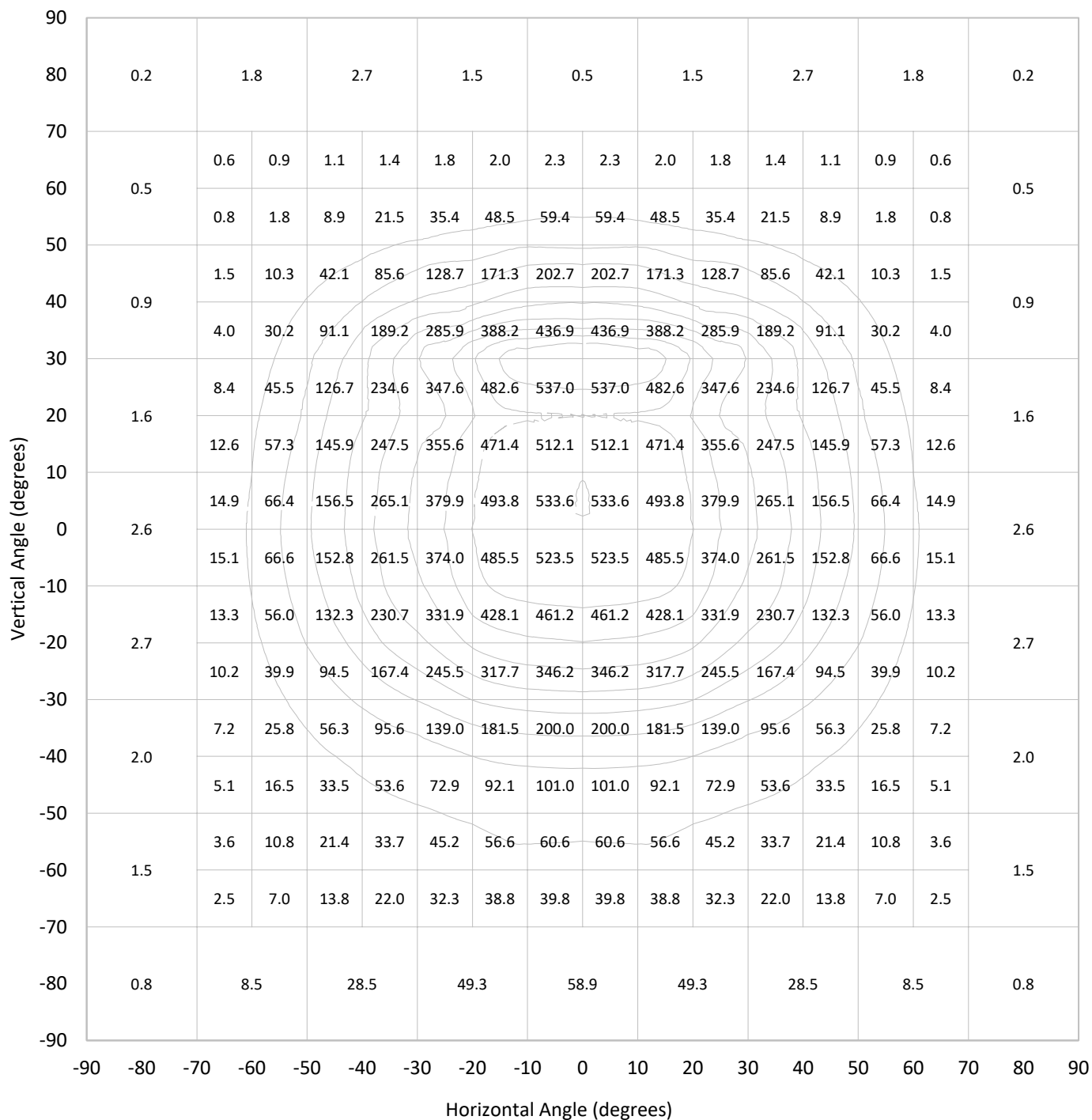
Iso-Candela Plot



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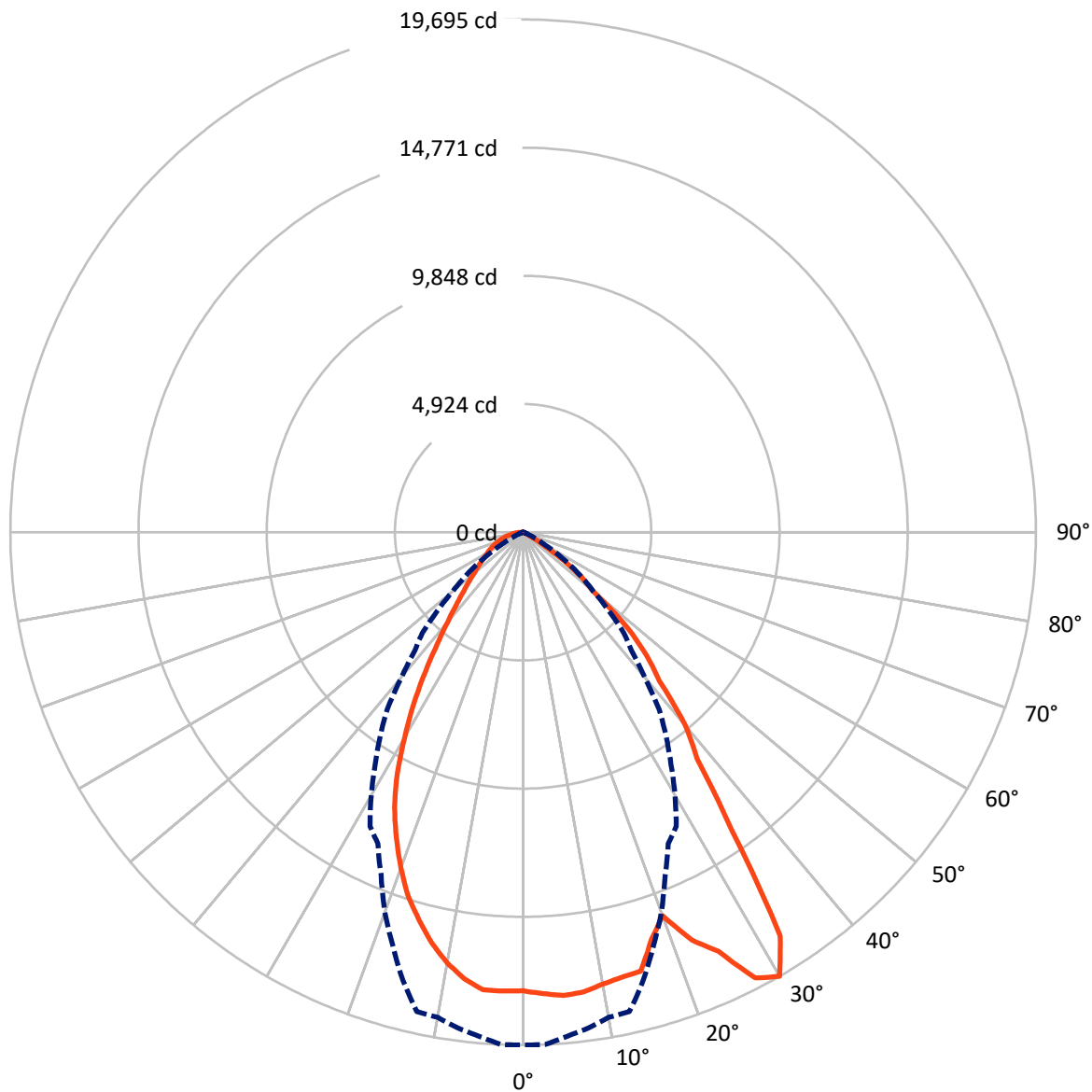
Lumen Table



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Luminous Intensity Polar Plot



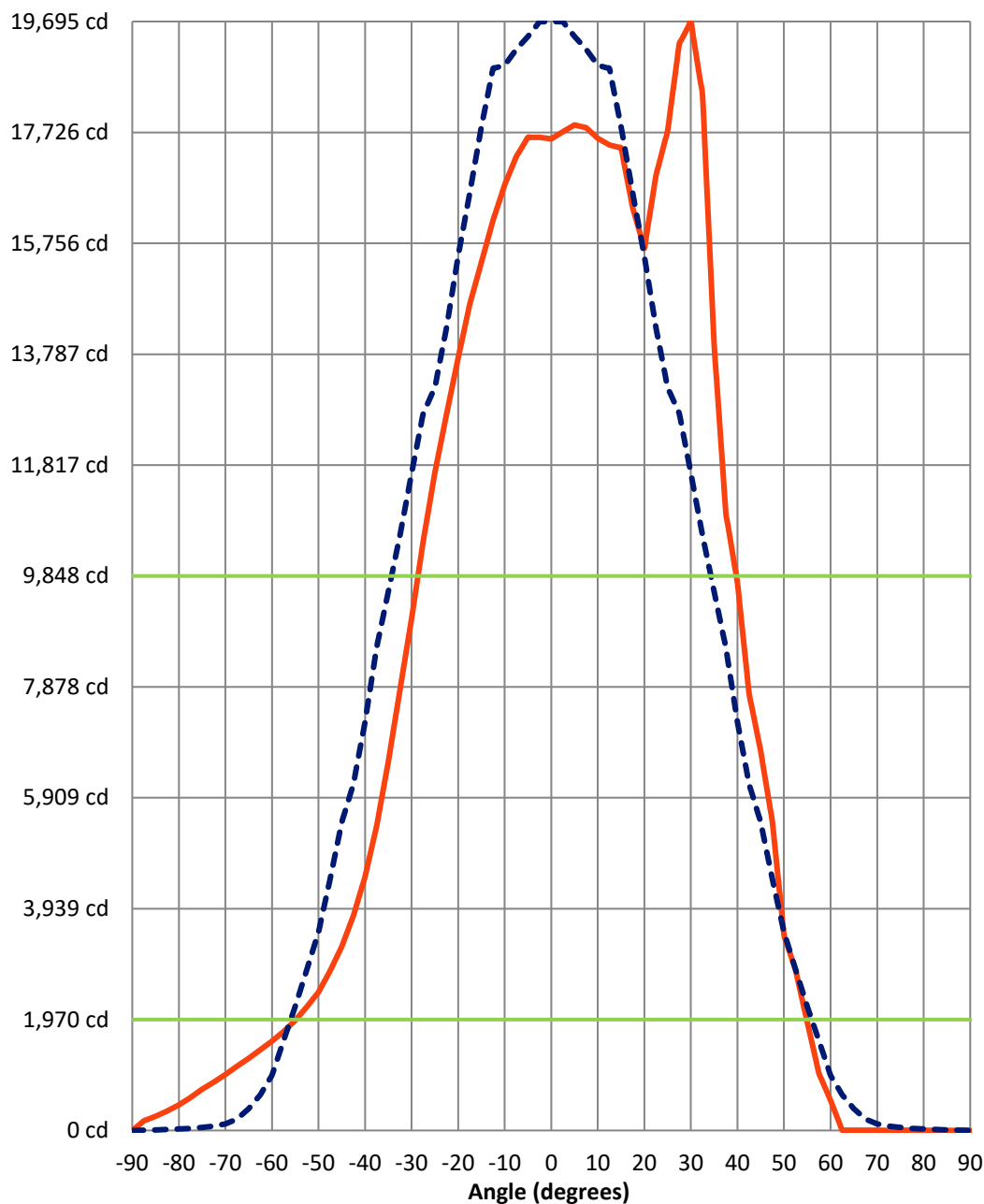
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17998

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 26597.6

Efficiency: 94.3%

Spill:

Lumens: 1614.4

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	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	0.0	4.5	4.5	4.5	9.0	9.0	9.0	9.0	9.0	9.0	13.5
82.5°	0.0	4.5	4.5	4.5	9.0	9.0	9.0	9.0	13.5	13.5	18.0
80°	4.5	4.5	4.5	4.5	9.0	9.0	9.0	13.5	13.5	18.0	18.0
77.5°	4.5	4.5	4.5	9.0	9.0	9.0	13.5	13.5	18.0	18.0	22.5
75°	4.5	4.5	4.5	9.0	9.0	13.5	13.5	13.5	18.0	18.0	22.5
72.5°	0.0	4.5	4.5	9.0	9.0	13.5	13.5	13.5	18.0	18.0	18.0
70°	4.5	4.5	4.5	9.0	9.0	13.5	13.5	13.5	18.0	18.0	18.0
67.5°	4.5	4.5	4.5	9.0	9.0	13.5	13.5	18.0	18.0	18.0	22.5
65°	4.5	4.5	4.5	9.0	13.5	13.5	18.0	22.5	22.5	26.9	31.4
62.5°	4.5	9.0	9.0	13.5	18.0	22.5	49.4	76.4	76.4	53.9	44.9
60°	534.5	579.4	574.9	521.0	453.6	381.8	368.3	354.8	327.9	287.5	300.9
57.5°	1015.1	1069.0	1091.4	1078.0	1042.0	979.1	943.2	902.8	848.9	786.0	714.1
55°	1922.4	1944.8	1895.4	1801.1	1697.8	1594.5	1558.5	1504.6	1423.8	1343.0	1235.2
52.5°	2843.1	2919.5	2897.0	2802.7	2663.4	2479.3	2277.2	2120.0	2025.7	1935.8	1828.0
50°	3471.9	3503.3	3566.2	3678.5	3718.9	3593.2	3265.3	2843.1	2542.2	2694.9	2578.1
47.5°	5479.6	5636.8	5605.4	5524.5	5389.8	5048.4	4590.3	4213.0	3898.6	3795.3	3813.3
45°	6732.7	6795.6	6773.1	6737.2	6674.3	6355.4	5847.9	5268.5	4976.6	4859.8	4738.5
42.5°	7761.3	7828.6	7842.1	7846.6	7779.2	7487.3	7029.2	6449.8	6157.8	5820.9	5556.0
40°	9724.0	9822.9	9710.6	9562.3	9337.8	9005.4	8556.3	8021.8	7505.3	7092.0	6777.6
37.5°	10977.2	11098.4	11143.3	11134.4	11085.0	10941.2	10388.8	9881.2	9090.7	8165.5	8331.7
35°	13950.5	14076.3	14040.3	13905.6	13833.7	13681.0	13142.1	12540.2	11547.6	10541.5	10272.0
32.5°	18383.6	18657.6	18145.6	17584.1	17238.3	17359.5	16811.6	15338.4	14880.3	13065.7	12225.8
30°	19695.1	19690.6	19430.1	19201.0	18918.1	18859.7	17826.7	16649.9	15527.0	14255.9	13195.9
27.5°	19295.4	19214.5	18994.4	18828.3	18563.3	18424.0	17413.4	16479.2	15181.2	14044.8	13020.8
25°	17754.8	17817.7	17593.1	17561.7	17458.4	17188.9	16685.8	15634.8	14476.0	13218.4	12481.8
22.5°	16959.8	16937.3	16667.9	16510.7	16636.4	16349.0	16146.8	15086.9	13878.7	12818.7	11933.8
20°	15666.3	15670.8	15603.4	15589.9	15513.5	15383.3	15221.6	14471.5	13618.1	12710.9	11646.4
17.5°	16389.4	16573.5	16654.4	15985.2	16173.8	16025.6	15854.9	14808.4	14166.1	13362.1	11974.3
15°	17449.4	17382.0	17301.2	17265.2	17161.9	17022.7	16712.8	15877.4	14772.5	13941.5	12859.1
12.5°	17503.3	17373.0	17341.6	17337.1	17229.3	17036.2	16735.2	16043.5	15064.4	14053.8	13173.5
10°	17620.1	17485.3	17467.3	17489.8	17323.6	17202.3	16901.4	16259.1	15154.2	14247.0	13416.0
7.5°	17808.7	17584.1	17687.4	17620.1	17543.7	17350.6	17027.2	16398.4	15482.1	14503.0	13631.6
5°	17858.1	17611.1	17723.4	17660.5	17548.2	17359.5	17009.2	16488.2	15684.2	14606.3	13717.0
2.5°	17736.8	17665.0	17615.6	17498.8	17449.4	17242.8	16910.4	16353.5	15589.9	14561.4	13699.0
0°	17611.1	17673.9	17561.7	17444.9	17422.4	17256.2	16973.3	16470.2	15810.0	14687.1	13851.7
-2.5°	17638.0	17588.6	17512.3	17391.0	17274.2	17036.2	16780.1	16308.5	15598.9	14413.1	13636.1
-5°	17638.0	17409.0	17417.9	17422.4	17305.6	17058.6	16748.7	16349.0	15473.1	14408.6	13573.2
-7.5°	17296.7	17099.0	17067.6	17040.7	17009.2	16780.1	16537.6	16039.1	15262.0	14291.9	13398.1
-10°	16793.6	16600.5	16618.5	16578.0	16479.2	16326.5	16142.4	15693.2	15055.4	13923.6	13043.2
-12.5°	16164.8	16079.5	16030.1	15962.7	15863.9	15729.1	15540.5	15118.3	14435.6	13469.9	12634.5
-15°	15419.2	15356.3	15311.4	15271.0	15127.3	14988.0	14741.0	14350.3	13923.6	12886.0	12032.7
-17.5°	14673.6	14516.4	14453.6	14399.7	14305.3	14080.8	13856.2	13564.2	12966.9	12144.9	11412.8
-20°	13717.0	13622.6	13546.3	13474.4	13339.7	13164.5	12980.4	12643.5	12127.0	11462.2	10703.2

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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°	12715.4	12661.5	12598.6	12508.8	12418.9	12252.7	11996.7	11673.3	11269.1	10550.5	9840.8
-25°	11682.3	11579.0	11502.7	11417.3	11345.5	11192.8	10945.7	10635.8	10128.3	9508.4	8915.6
-27.5°	10465.1	10366.3	10325.9	10227.1	10164.2	10025.0	9777.9	9490.5	9032.4	8511.3	7909.5
-30°	9090.7	9108.7	9063.8	8969.5	8893.1	8713.5	8524.8	8282.3	7923.0	7424.4	6885.4
-32.5°	7819.7	7842.1	7788.2	7689.4	7590.6	7460.3	7285.2	7065.1	6795.6	6319.5	5852.4
-35°	6548.6	6539.6	6494.7	6436.3	6368.9	6261.1	6063.5	5897.3	5587.4	5255.0	4931.6
-37.5°	5407.7	5430.2	5416.7	5385.3	5308.9	5219.1	5057.4	4904.7	4675.6	4383.7	4132.2
-40°	4504.9	4531.9	4513.9	4482.5	4415.1	4361.2	4253.4	4118.7	3934.5	3683.0	3471.9
-42.5°	3813.3	3831.2	3808.8	3781.8	3723.4	3683.0	3597.7	3485.4	3332.7	3139.5	2950.9
-45°	3265.3	3269.8	3247.3	3229.4	3184.5	3135.0	3063.2	2973.4	2852.1	2717.3	2564.6
-47.5°	2834.1	2829.6	2807.2	2789.2	2753.3	2708.4	2650.0	2569.1	2474.8	2371.5	2250.2
-50°	2456.8	2479.3	2470.3	2452.3	2425.4	2394.0	2335.6	2250.2	2155.9	2079.6	1994.2
-52.5°	2196.3	2200.8	2196.3	2196.3	2191.8	2169.4	2102.0	2016.7	1913.4	1846.0	1774.1
-55°	1953.8	1976.2	1985.2	1994.2	1998.7	1998.7	1917.9	1828.0	1729.2	1661.8	1607.9
-57.5°	1756.2	1769.6	1778.6	1801.1	1819.0	1832.5	1760.7	1679.8	1603.5	1540.6	1491.2
-60°	1585.5	1603.5	1616.9	1639.4	1652.9	1661.8	1616.9	1563.0	1518.1	1477.7	1405.8
-62.5°	1432.8	1446.3	1459.7	1473.2	1486.7	1495.7	1477.7	1450.7	1428.3	1410.3	1320.5
-65°	1280.1	1293.5	1307.0	1325.0	1338.5	1347.4	1343.0	1325.0	1307.0	1289.1	1208.2
-67.5°	1140.8	1154.3	1172.3	1176.8	1185.7	1190.2	1181.3	1167.8	1145.3	1122.9	1060.0
-70°	992.6	1001.6	1010.6	1010.6	1010.6	1006.1	997.1	979.1	956.7	925.2	875.8
-72.5°	857.9	866.9	875.8	862.4	853.4	839.9	826.4	804.0	781.5	759.1	732.1
-75°	732.1	736.6	736.6	718.6	705.2	691.7	673.7	660.2	637.8	619.8	597.4
-77.5°	583.9	583.9	583.9	570.4	561.4	552.5	539.0	525.5	507.5	494.1	476.1
-80°	453.6	453.6	453.6	449.1	435.7	426.7	417.7	408.7	395.2	386.3	377.3
-82.5°	345.8	345.8	345.8	341.4	332.4	327.9	318.9	309.9	305.4	296.4	291.9
-85°	251.5	256.0	256.0	251.5	247.0	238.0	233.6	229.1	224.6	220.1	211.1
-87.5°	170.7	170.7	170.7	166.2	161.7	161.7	157.2	148.2	139.2	134.7	130.3
-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):

	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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	13.5	13.5	13.5	18.0	18.0	18.0	18.0	18.0	18.0	18.0	13.5
82.5°	22.5	22.5	26.9	26.9	31.4	31.4	31.4	31.4	31.4	31.4	31.4
80°	22.5	26.9	31.4	35.9	40.4	44.9	44.9	44.9	44.9	40.4	40.4
77.5°	26.9	26.9	31.4	35.9	40.4	44.9	49.4	53.9	49.4	49.4	49.4
75°	26.9	31.4	31.4	35.9	40.4	44.9	49.4	53.9	53.9	53.9	53.9
72.5°	22.5	26.9	31.4	35.9	35.9	40.4	44.9	44.9	49.4	49.4	53.9
70°	22.5	26.9	31.4	31.4	35.9	35.9	40.4	44.9	44.9	49.4	49.4
67.5°	26.9	31.4	31.4	35.9	40.4	40.4	40.4	44.9	44.9	49.4	49.4
65°	31.4	35.9	35.9	40.4	44.9	44.9	49.4	49.4	49.4	53.9	53.9
62.5°	53.9	53.9	53.9	49.4	53.9	53.9	53.9	58.4	58.4	53.9	58.4
60°	278.5	202.1	139.2	175.2	157.2	71.9	71.9	71.9	67.4	67.4	62.9
57.5°	655.8	610.8	525.5	444.7	399.7	354.8	220.1	89.8	89.8	80.8	71.9
55°	1095.9	947.7	884.8	777.0	660.2	606.3	503.0	341.4	161.7	107.8	94.3
52.5°	1697.8	1558.5	1396.8	1176.8	1019.6	893.8	808.5	642.3	431.2	229.1	143.7
50°	2272.7	2209.8	2111.0	1895.4	1567.5	1356.4	1217.2	1028.5	772.5	471.6	269.5
47.5°	3660.6	3135.0	2816.2	2650.0	2376.0	1976.2	1706.8	1495.7	1185.7	795.0	476.1
45°	4608.3	4275.9	3768.3	3418.0	3013.8	2591.6	2241.2	1998.7	1630.4	1190.2	745.6
42.5°	5421.2	5133.8	4675.6	4163.6	3736.9	3184.5	2735.3	2416.4	2106.5	1625.9	1113.9
40°	6467.7	6126.4	5686.2	5187.7	4689.1	3983.9	3256.3	2870.1	2528.7	2102.0	1504.6
37.5°	8192.4	7590.6	6872.0	6319.5	5668.2	5070.9	4073.8	3391.1	2986.8	2542.2	1962.8
35°	10267.5	9607.3	8408.0	7675.9	6804.6	5915.3	5017.0	4006.4	3431.5	2959.9	2385.0
32.5°	12198.8	11233.2	9697.1	8839.2	8259.8	6620.4	5690.7	4814.9	3889.6	3310.2	2627.5
30°	12733.3	11668.8	10568.4	9566.8	8578.7	7253.7	6153.3	5470.6	4464.5	3521.3	2856.6
27.5°	12194.4	11462.2	10608.9	9679.1	8610.2	7473.8	6436.3	5785.0	4886.7	3665.0	3036.2
25°	11646.4	10882.8	10285.5	9508.4	8520.3	7460.3	6445.3	5982.6	5214.6	3943.5	3135.0
22.5°	11067.0	10590.9	10096.8	9230.0	8295.8	7500.8	6737.2	6153.3	5385.3	4257.9	3175.5
20°	11098.4	10788.5	10245.1	9086.3	8255.3	7738.8	7087.5	6368.9	5569.4	4531.9	3206.9
17.5°	11601.5	11197.2	10514.5	9508.4	8619.1	7981.3	7379.5	6665.3	5758.1	4774.4	3588.7
15°	12221.3	11606.0	10891.8	10007.0	9000.9	8246.3	7604.1	6872.0	5973.7	4999.0	3930.0
12.5°	12670.4	11794.6	11125.4	10325.9	9414.1	8533.8	7752.3	7029.2	6175.8	5183.2	4186.1
10°	12823.2	12028.2	11237.7	10523.5	9625.2	8686.5	7864.6	7128.0	6350.9	5326.9	4374.7
7.5°	12904.0	12230.3	11314.0	10613.4	9751.0	8780.8	7954.4	7181.9	6490.2	5425.7	4496.0
5°	12895.0	12338.1	11372.4	10640.3	9818.4	8821.3	8017.3	7195.3	6589.0	5511.0	4567.8
2.5°	12854.6	12409.9	11466.7	10685.2	9953.1	8897.6	8138.5	7222.3	6624.9	5605.4	4617.2
0°	13002.8	12414.4	11565.5	10698.7	10042.9	8924.6	8192.4	7199.8	6575.5	5632.3	4612.7
-2.5°	12683.9	12149.4	11543.1	10581.9	9921.7	8861.7	8093.6	7128.0	6467.7	5600.9	4594.8
-5°	12630.0	11956.3	11354.4	10474.1	9719.5	8731.4	7909.5	6993.2	6297.0	5497.6	4522.9
-7.5°	12486.3	11772.2	11170.3	10388.8	9530.9	8596.7	7734.3	6854.0	6112.9	5335.9	4419.6
-10°	12171.9	11489.2	10972.7	10204.6	9301.8	8403.5	7523.2	6669.8	5897.3	5115.8	4257.9
-12.5°	11722.7	11040.0	10528.0	9813.9	9014.4	8143.0	7271.7	6431.8	5650.3	4882.2	4064.8
-15°	11215.2	10523.5	10011.5	9360.2	8587.7	7738.8	6952.8	6130.9	5367.3	4635.2	3835.7
-17.5°	10640.3	9984.5	9490.5	8857.2	8089.1	7280.7	6499.2	5753.6	5039.4	4379.2	3570.7
-20°	9975.6	9337.8	8884.1	8250.8	7545.7	6759.7	6000.6	5295.4	4653.2	4033.3	3278.8

REPORT NUMBER: P722696

CATALOG NUMBER: IFLD-S-SA6C-935-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°	9153.6	8592.2	8075.7	7509.7	6894.4	6175.8	5470.6	4846.3	4231.0	3624.6	2977.8
-25°	8313.7	7770.2	7267.2	6750.7	6162.3	5542.5	4940.6	4374.7	3772.8	3224.9	2685.9
-27.5°	7379.5	6894.4	6445.3	5969.2	5430.2	4895.7	4401.6	3849.2	3328.2	2861.1	2398.4
-30°	6382.4	5987.1	5596.4	5174.2	4738.5	4289.4	3849.2	3328.2	2919.5	2546.7	2155.9
-32.5°	5425.7	5070.9	4756.5	4442.1	4064.8	3696.5	3305.7	2919.5	2578.1	2250.2	1922.4
-35°	4585.8	4208.5	4033.3	3781.8	3480.9	3148.5	2829.6	2560.1	2286.2	1989.7	1697.8
-37.5°	3858.2	3615.6	3409.0	3220.4	2982.3	2694.9	2465.8	2245.7	2016.7	1747.2	1495.7
-40°	3287.8	3112.6	2906.0	2766.7	2573.6	2367.0	2137.9	1953.8	1760.7	1540.6	1334.0
-42.5°	2829.6	2685.9	2551.2	2402.9	2259.2	2084.0	1886.4	1711.3	1536.1	1374.4	1203.7
-45°	2452.3	2349.0	2241.2	2120.0	1994.2	1841.5	1679.8	1500.2	1374.4	1230.7	1086.9
-47.5°	2142.4	2066.1	1976.2	1881.9	1774.1	1639.4	1491.2	1360.9	1230.7	1109.4	970.2
-50°	1895.4	1823.5	1751.7	1670.8	1576.5	1459.7	1347.4	1226.2	1104.9	988.1	857.9
-52.5°	1688.8	1625.9	1567.5	1500.2	1410.3	1311.5	1208.2	1100.4	988.1	871.3	768.0
-55°	1545.1	1473.2	1414.8	1347.4	1266.6	1172.3	1078.0	979.1	871.3	781.5	696.2
-57.5°	1428.3	1347.4	1280.1	1208.2	1127.4	1046.5	961.2	871.3	790.5	705.2	624.3
-60°	1329.5	1235.2	1158.8	1086.9	1010.6	934.2	862.4	786.0	709.7	633.3	552.5
-62.5°	1226.2	1127.4	1033.0	965.7	907.3	839.9	777.0	705.2	637.8	561.4	503.0
-65°	1109.4	1015.1	925.2	866.9	813.0	754.6	696.2	633.3	574.9	516.5	462.6
-67.5°	979.1	898.3	835.4	781.5	727.6	678.2	624.3	570.4	521.0	462.6	408.7
-70°	821.9	777.0	741.1	700.7	651.3	606.3	556.9	507.5	453.6	404.2	354.8
-72.5°	700.7	673.7	646.8	606.3	561.4	521.0	480.6	435.7	390.8	345.8	305.4
-75°	574.9	552.5	530.0	503.0	467.1	435.7	399.7	359.3	323.4	291.9	260.5
-77.5°	462.6	444.7	431.2	408.7	381.8	354.8	332.4	305.4	278.5	247.0	215.6
-80°	368.3	359.3	354.8	345.8	323.4	300.9	283.0	260.5	233.6	211.1	188.6
-82.5°	287.5	287.5	283.0	278.5	260.5	242.5	229.1	211.1	193.1	175.2	152.7
-85°	211.1	206.6	206.6	202.1	188.6	179.7	166.2	157.2	143.7	125.8	116.8
-87.5°	125.8	121.3	116.8	112.3	103.3	98.8	89.8	85.3	76.4	67.4	62.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722696

CATALOG NUMBER: IFLD-S-SA6C-935-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°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	0.0	0.0
85°	13.5	9.0	9.0	9.0	9.0	9.0	4.5	4.5	4.5	4.5	4.5
82.5°	26.9	26.9	22.5	22.5	18.0	13.5	9.0	9.0	9.0	4.5	4.5
80°	40.4	40.4	40.4	35.9	31.4	22.5	18.0	13.5	9.0	4.5	4.5
77.5°	49.4	44.9	44.9	40.4	40.4	35.9	26.9	22.5	13.5	9.0	4.5
75°	49.4	49.4	49.4	44.9	44.9	40.4	35.9	26.9	22.5	13.5	9.0
72.5°	53.9	49.4	49.4	49.4	44.9	40.4	35.9	31.4	26.9	18.0	9.0
70°	49.4	49.4	49.4	49.4	44.9	44.9	35.9	31.4	31.4	18.0	13.5
67.5°	49.4	49.4	49.4	44.9	44.9	40.4	35.9	31.4	31.4	22.5	13.5
65°	53.9	49.4	49.4	49.4	44.9	40.4	35.9	31.4	31.4	26.9	18.0
62.5°	58.4	53.9	53.9	49.4	44.9	40.4	35.9	31.4	31.4	26.9	18.0
60°	62.9	58.4	53.9	53.9	49.4	44.9	35.9	35.9	31.4	26.9	18.0
57.5°	67.4	62.9	62.9	58.4	53.9	49.4	40.4	35.9	31.4	26.9	22.5
55°	80.8	71.9	67.4	67.4	62.9	53.9	44.9	35.9	31.4	26.9	22.5
52.5°	107.8	85.3	76.4	76.4	71.9	62.9	49.4	40.4	31.4	26.9	22.5
50°	170.7	107.8	89.8	80.8	80.8	71.9	58.4	44.9	31.4	26.9	22.5
47.5°	269.5	179.7	107.8	94.3	89.8	85.3	67.4	44.9	35.9	26.9	22.5
45°	444.7	265.0	175.2	112.3	94.3	89.8	76.4	49.4	35.9	31.4	22.5
42.5°	610.8	413.2	269.5	134.7	112.3	98.8	80.8	53.9	40.4	31.4	22.5
40°	961.2	565.9	377.3	220.1	130.3	103.3	89.8	62.9	40.4	31.4	22.5
37.5°	1302.5	750.1	507.5	323.4	148.2	116.8	94.3	67.4	44.9	31.4	26.9
35°	1643.9	1051.0	628.8	431.2	197.6	139.2	98.8	71.9	44.9	31.4	26.9
32.5°	1949.3	1334.0	754.6	539.0	296.4	166.2	107.8	76.4	49.4	35.9	26.9
30°	2200.8	1594.5	979.1	633.3	386.3	202.1	116.8	76.4	53.9	35.9	26.9
27.5°	2389.5	1796.6	1208.2	732.1	462.6	238.0	134.7	85.3	53.9	35.9	26.9
25°	2542.2	1953.8	1410.3	835.4	530.0	296.4	161.7	89.8	58.4	40.4	26.9
22.5°	2663.4	2084.0	1576.5	974.6	610.8	354.8	197.6	98.8	58.4	40.4	26.9
20°	2829.6	2214.3	1688.8	1122.9	696.2	408.7	229.1	107.8	58.4	40.4	31.4
17.5°	2973.4	2344.5	1778.6	1248.6	781.5	449.1	265.0	116.8	62.9	40.4	31.4
15°	3139.5	2470.3	1859.5	1347.4	862.4	485.1	296.4	125.8	62.9	44.9	31.4
12.5°	3319.2	2587.1	1917.9	1428.3	947.7	516.5	323.4	143.7	67.4	44.9	31.4
10°	3503.3	2685.9	1967.3	1486.7	1010.6	548.0	341.4	161.7	71.9	44.9	31.4
7.5°	3687.5	2775.7	2030.1	1513.6	1037.5	583.9	350.3	179.7	71.9	49.4	31.4
5°	3813.3	2834.1	2120.0	1531.6	1051.0	624.3	363.8	202.1	76.4	49.4	31.4
2.5°	3921.1	2870.1	2214.3	1545.1	1055.5	646.8	359.3	215.6	80.8	49.4	31.4
0°	3970.5	2870.1	2277.2	1536.1	1042.0	669.2	359.3	229.1	80.8	49.4	31.4
-2.5°	3894.1	2950.9	2259.2	1540.6	1046.5	669.2	377.3	233.6	89.8	53.9	31.4
-5°	3772.8	2982.3	2205.3	1518.1	1037.5	669.2	399.7	238.0	94.3	53.9	35.9
-7.5°	3656.1	2995.8	2142.4	1495.7	1024.1	651.3	404.2	233.6	103.3	58.4	35.9
-10°	3503.3	2847.6	2061.6	1455.2	997.1	637.8	413.2	233.6	107.8	58.4	35.9
-12.5°	3328.2	2667.9	1962.8	1396.8	965.7	624.3	417.7	233.6	112.3	62.9	35.9
-15°	3126.1	2483.8	1850.5	1334.0	920.8	606.3	408.7	229.1	116.8	62.9	40.4
-17.5°	2897.0	2304.1	1733.7	1257.6	871.3	583.9	390.8	224.6	116.8	62.9	40.4
-20°	2636.5	2124.5	1603.5	1181.3	813.0	556.9	372.8	215.6	116.8	62.9	40.4

REPORT NUMBER: P722696

CATALOG NUMBER: IFLD-S-SA6C-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2402.9	1958.3	1468.7	1095.9	750.1	525.5	350.3	206.6	116.8	67.4	40.4
-25°	2209.8	1796.6	1365.4	1010.6	682.7	489.6	327.9	197.6	116.8	67.4	40.4
-27.5°	2007.7	1621.4	1257.6	929.7	637.8	458.1	305.4	188.6	112.3	67.4	40.4
-30°	1801.1	1450.7	1145.3	839.9	592.9	426.7	287.5	175.2	112.3	67.4	40.4
-32.5°	1612.4	1311.5	1042.0	750.1	543.5	395.2	269.5	170.7	107.8	67.4	40.4
-35°	1428.3	1185.7	934.2	678.2	489.6	363.8	251.5	166.2	107.8	67.4	40.4
-37.5°	1275.6	1069.0	835.4	628.8	458.1	336.9	233.6	157.2	103.3	67.4	40.4
-40°	1149.8	961.2	741.1	574.9	431.2	309.9	215.6	152.7	103.3	67.4	40.4
-42.5°	1033.0	857.9	682.7	530.0	404.2	291.9	202.1	148.2	98.8	67.4	40.4
-45°	929.7	768.0	624.3	489.6	372.8	269.5	193.1	139.2	94.3	67.4	44.9
-47.5°	826.4	705.2	570.4	453.6	341.4	242.5	184.2	134.7	89.8	62.9	44.9
-50°	745.6	637.8	525.5	413.2	309.9	233.6	175.2	125.8	89.8	62.9	44.9
-52.5°	673.7	574.9	476.1	372.8	283.0	220.1	166.2	116.8	85.3	62.9	44.9
-55°	606.3	516.5	426.7	332.4	265.0	206.6	152.7	107.8	85.3	62.9	44.9
-57.5°	539.0	462.6	377.3	300.9	242.5	193.1	143.7	107.8	85.3	62.9	44.9
-60°	485.1	413.2	341.4	278.5	224.6	175.2	130.3	103.3	80.8	62.9	44.9
-62.5°	440.2	372.8	309.9	251.5	206.6	157.2	125.8	103.3	80.8	62.9	40.4
-65°	395.2	336.9	278.5	229.1	184.2	148.2	121.3	98.8	80.8	62.9	40.4
-67.5°	350.3	296.4	251.5	202.1	170.7	143.7	116.8	98.8	76.4	58.4	40.4
-70°	305.4	260.5	220.1	188.6	161.7	134.7	112.3	94.3	76.4	53.9	35.9
-72.5°	269.5	229.1	197.6	175.2	152.7	130.3	107.8	89.8	71.9	49.4	31.4
-75°	229.1	202.1	179.7	157.2	139.2	121.3	103.3	80.8	62.9	44.9	31.4
-77.5°	193.1	175.2	157.2	143.7	125.8	107.8	89.8	71.9	58.4	40.4	26.9
-80°	166.2	152.7	139.2	125.8	112.3	94.3	80.8	62.9	49.4	35.9	22.5
-82.5°	134.7	125.8	112.3	103.3	94.3	80.8	67.4	53.9	35.9	26.9	18.0
-85°	103.3	94.3	89.8	80.8	71.9	58.4	44.9	35.9	26.9	18.0	9.0
-87.5°	53.9	49.4	44.9	40.4	35.9	26.9	22.5	18.0	13.5	9.0	4.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722696

CATALOG NUMBER: IFLD-S-SA6C-935-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°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	4.5	4.5	0.0	0.0
67.5°	9.0	4.5	0.0	0.0
65°	9.0	4.5	0.0	0.0
62.5°	9.0	4.5	0.0	0.0
60°	9.0	4.5	0.0	0.0
57.5°	13.5	4.5	4.5	0.0
55°	13.5	4.5	4.5	0.0
52.5°	13.5	4.5	4.5	0.0
50°	13.5	9.0	4.5	0.0
47.5°	13.5	9.0	4.5	0.0
45°	13.5	9.0	4.5	0.0
42.5°	13.5	9.0	4.5	0.0
40°	18.0	9.0	4.5	0.0
37.5°	18.0	9.0	4.5	0.0
35°	18.0	9.0	4.5	0.0
32.5°	18.0	9.0	4.5	0.0
30°	18.0	9.0	4.5	0.0
27.5°	18.0	13.5	4.5	0.0
25°	18.0	13.5	4.5	0.0
22.5°	22.5	13.5	4.5	0.0
20°	22.5	13.5	4.5	0.0
17.5°	22.5	13.5	4.5	0.0
15°	22.5	13.5	4.5	0.0
12.5°	22.5	13.5	4.5	0.0
10°	22.5	13.5	4.5	0.0
7.5°	22.5	13.5	4.5	0.0
5°	22.5	13.5	4.5	0.0
2.5°	22.5	13.5	4.5	0.0
0°	22.5	13.5	4.5	0.0
-2.5°	22.5	13.5	4.5	0.0
-5°	22.5	13.5	4.5	0.0
-7.5°	22.5	13.5	4.5	0.0
-10°	22.5	13.5	4.5	0.0
-12.5°	26.9	13.5	4.5	0.0
-15°	26.9	13.5	4.5	0.0
-17.5°	26.9	13.5	4.5	0.0
-20°	26.9	13.5	4.5	0.0



REPORT NUMBER: P722696

CATALOG NUMBER: IFLD-S-SA6C-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.9	13.5	4.5	0.0
-25°	26.9	13.5	4.5	0.0
-27.5°	26.9	13.5	4.5	0.0
-30°	26.9	13.5	4.5	0.0
-32.5°	26.9	13.5	4.5	0.0
-35°	26.9	13.5	4.5	0.0
-37.5°	26.9	13.5	4.5	0.0
-40°	26.9	13.5	4.5	0.0
-42.5°	22.5	13.5	4.5	0.0
-45°	26.9	13.5	4.5	0.0
-47.5°	26.9	13.5	4.5	0.0
-50°	26.9	13.5	4.5	0.0
-52.5°	26.9	13.5	4.5	0.0
-55°	26.9	13.5	4.5	0.0
-57.5°	26.9	13.5	4.5	0.0
-60°	26.9	13.5	4.5	0.0
-62.5°	22.5	13.5	4.5	0.0
-65°	22.5	9.0	4.5	0.0
-67.5°	22.5	9.0	4.5	0.0
-70°	22.5	9.0	4.5	0.0
-72.5°	18.0	9.0	4.5	0.0
-75°	18.0	9.0	4.5	0.0
-77.5°	13.5	4.5	0.0	0.0
-80°	13.5	4.5	0.0	0.0
-82.5°	9.0	4.5	0.0	0.0
-85°	4.5	4.5	0.0	0.0
-87.5°	4.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)