

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: P722720

Luminaire Tested: **IFLD-S-SA3C-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722720
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15650.9 lumens	Max Intensity:	10926.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.3 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:	9984.6 lumens	Field Lumens:	14755.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

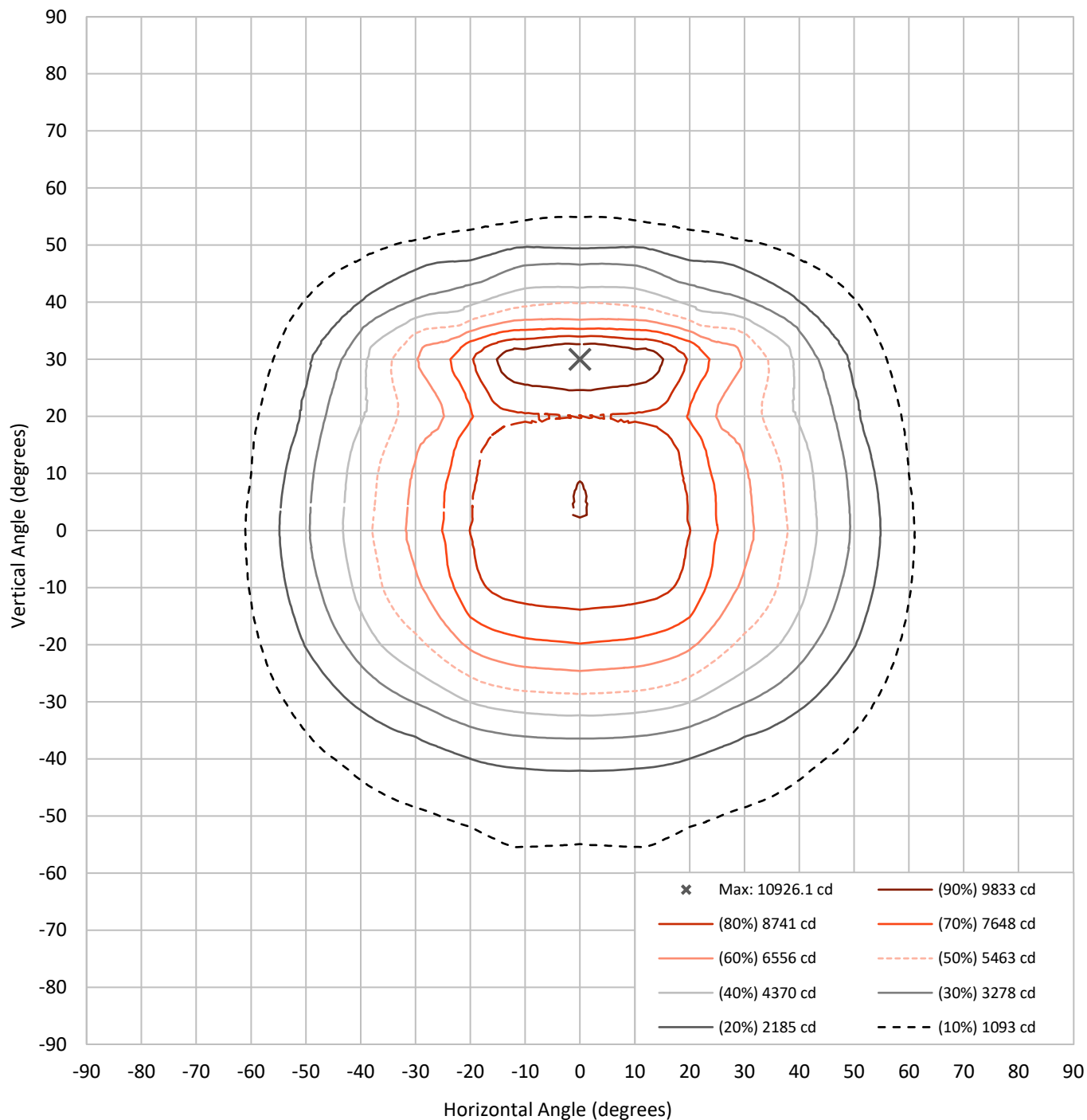
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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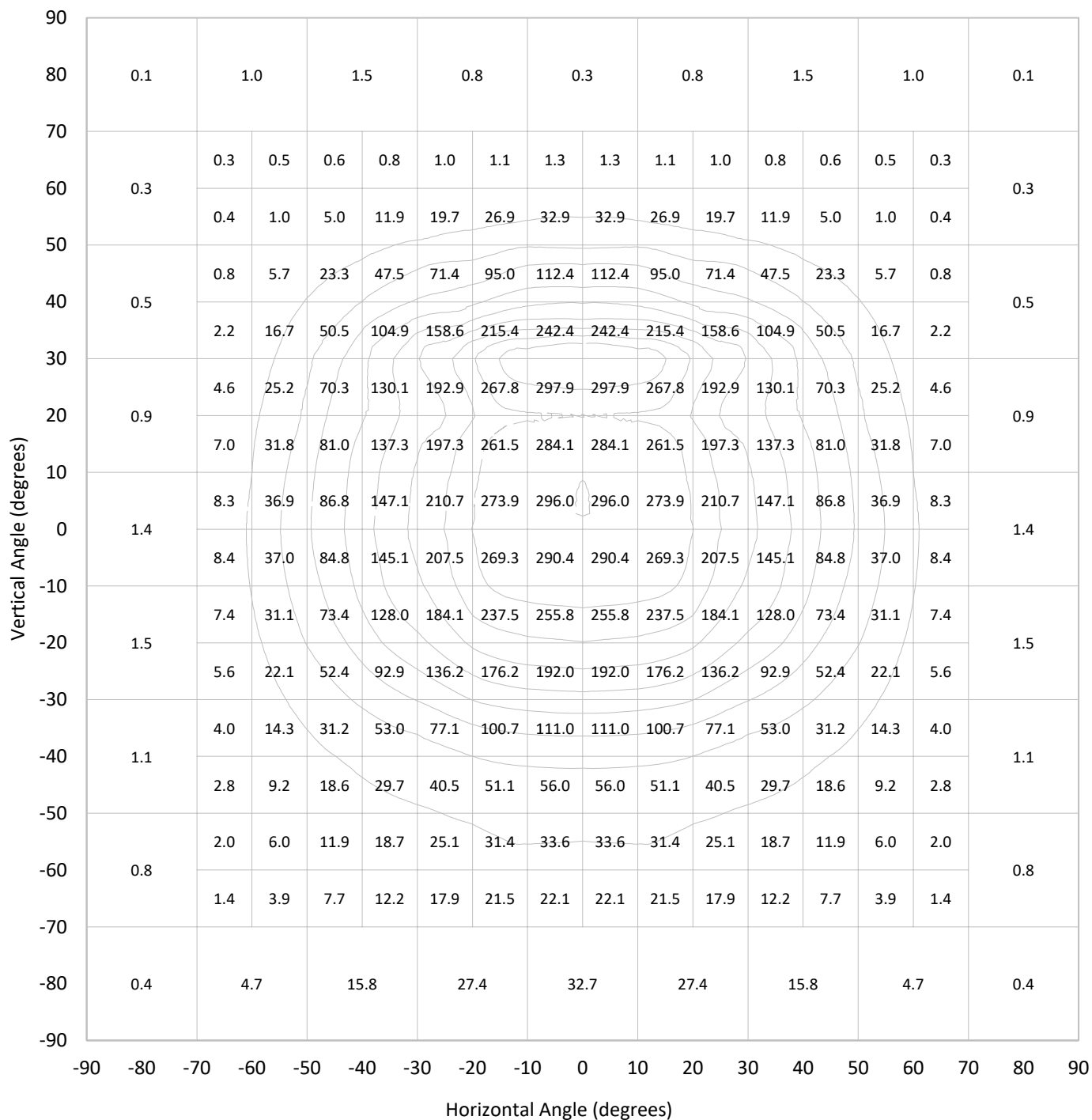
Iso-Candela Plot



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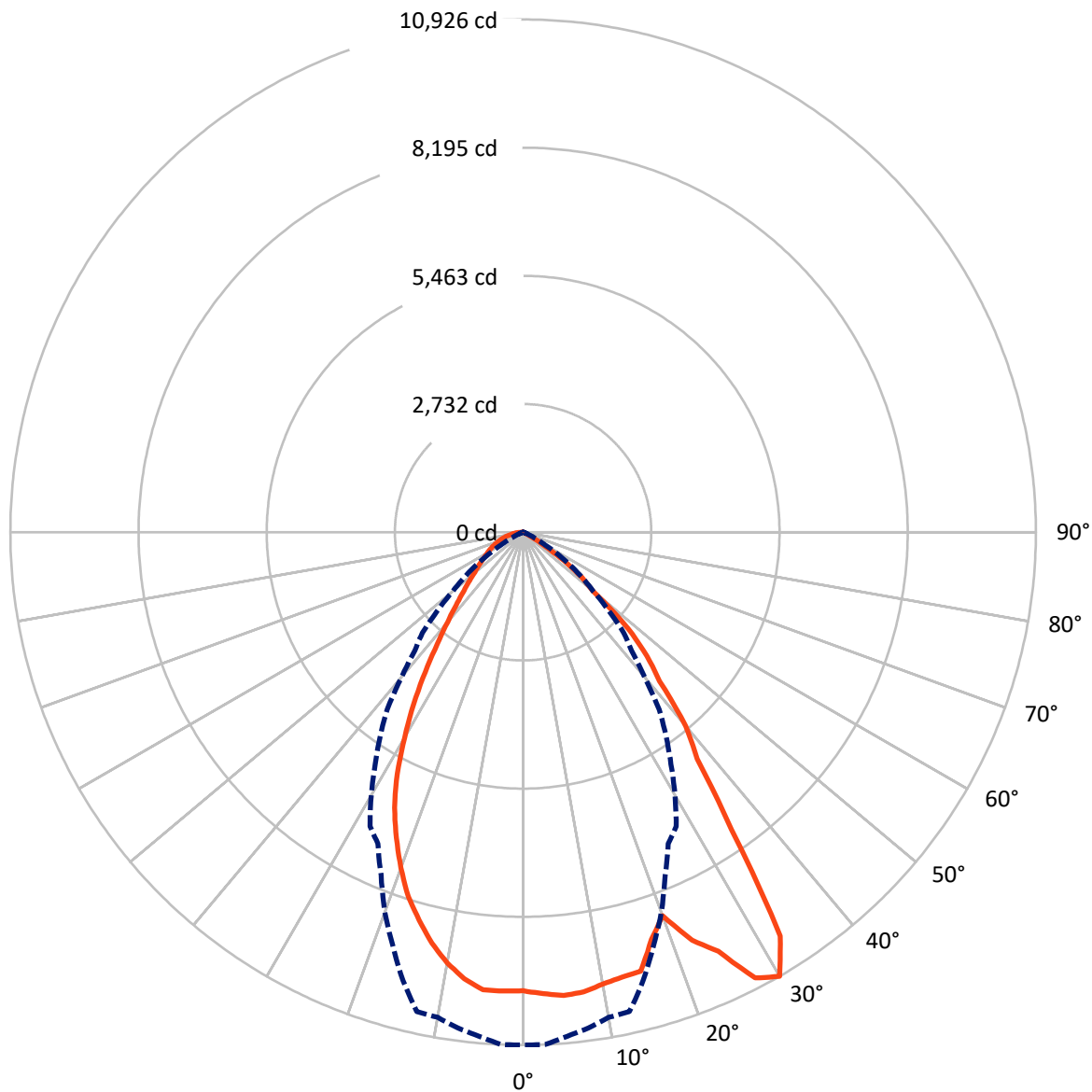
Lumen Table



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Luminous Intensity Polar Plot



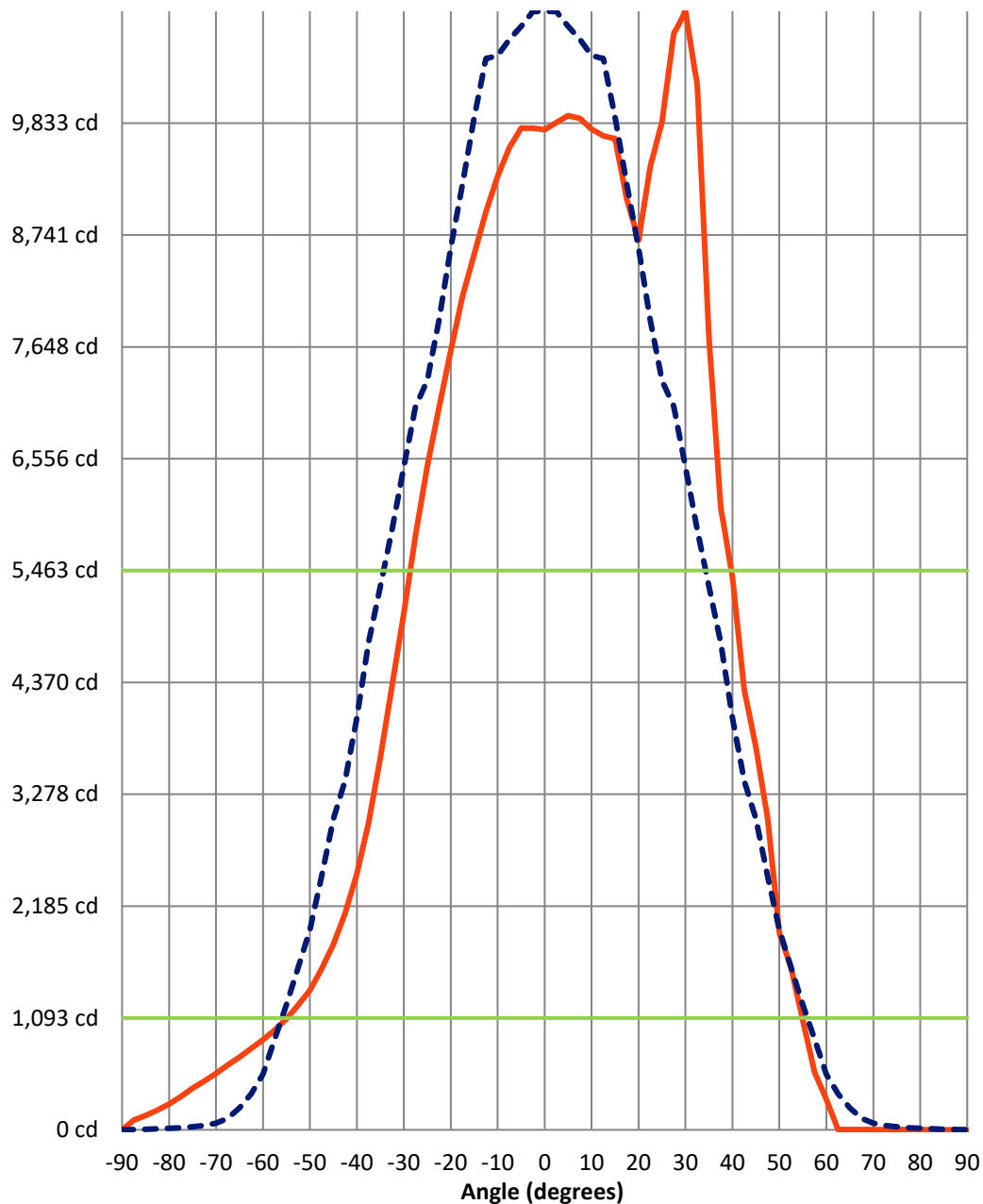
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 9984.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 14755.3

Efficiency: 94.3%

Spill:

Lumens: 895.6

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	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	5.0	5.0	7.5
82.5°	0.0	2.5	2.5	2.5	5.0	5.0	5.0	5.0	7.5	7.5	10.0
80°	2.5	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0
77.5°	2.5	2.5	2.5	5.0	5.0	5.0	7.5	7.5	10.0	10.0	12.5
75°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.0	10.0	12.5
72.5°	0.0	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.0	10.0	10.0
70°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	7.5	10.0	10.0	10.0
67.5°	2.5	2.5	2.5	5.0	5.0	7.5	7.5	10.0	10.0	10.0	12.5
65°	2.5	2.5	2.5	5.0	7.5	7.5	10.0	12.5	12.5	15.0	17.4
62.5°	2.5	5.0	5.0	7.5	10.0	12.5	27.4	42.4	42.4	29.9	24.9
60°	296.5	321.4	318.9	289.0	251.7	211.8	204.3	196.8	181.9	159.5	166.9
57.5°	563.1	593.0	605.5	598.0	578.1	543.2	523.3	500.8	470.9	436.0	396.2
55°	1066.4	1078.9	1051.5	999.2	941.9	884.6	864.6	834.7	789.9	745.0	685.2
52.5°	1577.2	1619.6	1607.1	1554.8	1477.6	1375.4	1263.3	1176.1	1123.8	1073.9	1014.1
50°	1926.1	1943.5	1978.4	2040.7	2063.1	1993.4	1811.5	1577.2	1410.3	1495.0	1430.2
47.5°	3039.9	3127.1	3109.6	3064.8	2990.0	2800.7	2546.5	2337.2	2162.8	2105.5	2115.5
45°	3735.1	3769.9	3757.5	3737.5	3702.7	3525.8	3244.2	2922.8	2760.8	2696.0	2628.7
42.5°	4305.7	4343.0	4350.5	4353.0	4315.6	4153.7	3899.5	3578.1	3416.1	3229.2	3082.2
40°	5394.5	5449.3	5387.0	5304.8	5180.2	4995.9	4746.7	4450.2	4163.6	3934.4	3760.0
37.5°	6089.7	6157.0	6181.9	6176.9	6149.5	6069.8	5763.3	5481.7	5043.2	4529.9	4622.1
35°	7739.2	7809.0	7789.0	7714.3	7674.4	7589.7	7290.7	6956.8	6406.2	5848.0	5698.5
32.5°	10198.5	10350.5	10066.5	9755.0	9563.1	9630.4	9326.4	8509.1	8255.0	7248.3	6782.4
30°	10926.1	10923.6	10779.1	10652.0	10495.0	10462.6	9889.5	9236.7	8613.8	7908.6	7320.6
27.5°	10704.3	10659.5	10537.4	10445.2	10298.2	10220.9	9660.3	9142.0	8421.9	7791.5	7223.4
25°	9849.7	9884.6	9760.0	9742.5	9685.2	9535.7	9256.7	8673.6	8030.7	7333.1	6924.4
22.5°	9408.6	9396.2	9246.7	9159.5	9229.2	9069.8	8957.7	8369.6	7699.3	7111.3	6620.4
20°	8691.0	8693.5	8656.2	8648.7	8606.3	8534.1	8444.4	8028.2	7554.8	7051.5	6461.0
17.5°	9092.2	9194.4	9239.2	8867.9	8972.6	8890.4	8795.7	8215.1	7858.8	7412.8	6642.9
15°	9680.2	9642.9	9598.0	9578.1	9520.8	9443.5	9271.6	8808.1	8195.2	7734.2	7133.7
12.5°	9710.1	9637.9	9620.4	9617.9	9558.1	9451.0	9284.1	8900.3	8357.2	7796.5	7308.1
10°	9774.9	9700.2	9690.2	9702.7	9610.5	9543.2	9376.3	9019.9	8407.0	7903.7	7442.7
7.5°	9879.6	9755.0	9812.3	9774.9	9732.6	9625.4	9446.0	9097.2	8588.9	8045.7	7562.3
5°	9907.0	9769.9	9832.2	9797.4	9735.1	9630.4	9436.1	9147.0	8701.0	8103.0	7609.6
2.5°	9839.7	9799.8	9772.4	9707.7	9680.2	9565.6	9381.2	9072.3	8648.7	8078.1	7599.7
0°	9769.9	9804.8	9742.5	9677.8	9665.3	9573.1	9416.1	9137.1	8770.8	8147.8	7684.4
-2.5°	9784.9	9757.5	9715.1	9647.9	9583.1	9451.0	9309.0	9047.4	8653.7	7995.9	7564.8
-5°	9784.9	9657.8	9662.8	9665.3	9600.5	9463.5	9291.5	9069.8	8583.9	7993.4	7529.9
-7.5°	9595.5	9485.9	9468.4	9453.5	9436.1	9309.0	9174.4	8897.8	8466.8	7928.6	7432.7
-10°	9316.5	9209.3	9219.3	9196.9	9142.0	9057.3	8955.2	8706.0	8352.2	7724.3	7235.9
-12.5°	8967.6	8920.3	8892.9	8855.5	8800.7	8725.9	8621.3	8387.1	8008.3	7472.6	7009.1
-15°	8554.0	8519.1	8494.2	8471.8	8392.0	8314.8	8177.7	7961.0	7724.3	7148.7	6675.3
-17.5°	8140.4	8053.2	8018.3	7988.4	7936.1	7811.5	7686.9	7524.9	7193.5	6737.5	6331.4
-20°	7609.6	7557.3	7515.0	7475.1	7400.3	7303.2	7201.0	7014.1	6727.6	6358.8	5937.7

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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°	7054.0	7024.1	6989.2	6939.4	6889.5	6797.3	6655.3	6475.9	6251.7	5853.0	5459.3
-25°	6480.9	6423.6	6381.2	6333.9	6294.0	6209.3	6072.3	5900.3	5618.8	5274.9	4946.0
-27.5°	5805.7	5750.8	5728.4	5673.6	5638.7	5561.5	5424.4	5265.0	5010.8	4721.8	4387.9
-30°	5043.2	5053.2	5028.2	4975.9	4933.6	4833.9	4729.2	4594.7	4395.4	4118.8	3819.8
-32.5°	4338.0	4350.5	4320.6	4265.8	4211.0	4138.7	4041.5	3919.4	3769.9	3505.8	3246.7
-35°	3632.9	3627.9	3603.0	3570.6	3533.2	3473.4	3363.8	3271.6	3099.7	2915.3	2735.9
-37.5°	3000.0	3012.5	3005.0	2987.5	2945.2	2895.4	2805.7	2720.9	2593.9	2431.9	2292.4
-40°	2499.2	2514.1	2504.2	2486.7	2449.3	2419.4	2359.6	2284.9	2182.7	2043.2	1926.1
-42.5°	2115.5	2125.4	2113.0	2098.0	2065.6	2043.2	1995.8	1933.6	1848.8	1741.7	1637.0
-45°	1811.5	1814.0	1801.5	1791.5	1766.6	1739.2	1699.3	1649.5	1582.2	1507.5	1422.8
-47.5°	1572.3	1569.8	1557.3	1547.3	1527.4	1502.5	1470.1	1425.3	1372.9	1315.6	1248.3
-50°	1363.0	1375.4	1370.4	1360.5	1345.5	1328.1	1295.7	1248.3	1196.0	1153.7	1106.3
-52.5°	1218.4	1220.9	1218.4	1218.4	1215.9	1203.5	1166.1	1118.8	1061.5	1024.1	984.2
-55°	1083.9	1096.3	1101.3	1106.3	1108.8	1108.8	1064.0	1014.1	959.3	921.9	892.0
-57.5°	974.3	981.7	986.7	999.2	1009.1	1016.6	976.7	931.9	889.5	854.7	827.2
-60°	879.6	889.5	897.0	909.5	916.9	921.9	897.0	867.1	842.2	819.8	779.9
-62.5°	794.9	802.3	809.8	817.3	824.8	829.7	819.8	804.8	792.4	782.4	732.6
-65°	710.1	717.6	725.1	735.1	742.5	747.5	745.0	735.1	725.1	715.1	670.3
-67.5°	632.9	640.4	650.3	652.8	657.8	660.3	655.3	647.8	635.4	622.9	588.0
-70°	550.7	555.6	560.6	560.6	560.6	558.1	553.2	543.2	530.7	513.3	485.9
-72.5°	475.9	480.9	485.9	478.4	473.4	465.9	458.5	446.0	433.6	421.1	406.1
-75°	406.1	408.6	408.6	398.7	391.2	383.7	373.8	366.3	353.8	343.9	331.4
-77.5°	323.9	323.9	323.9	316.4	311.5	306.5	299.0	291.5	281.6	274.1	264.1
-80°	251.7	251.7	251.7	249.2	241.7	236.7	231.7	226.7	219.3	214.3	209.3
-82.5°	191.9	191.9	191.9	189.4	184.4	181.9	176.9	171.9	169.4	164.5	162.0
-85°	139.5	142.0	142.0	139.5	137.0	132.1	129.6	127.1	124.6	122.1	117.1
-87.5°	94.7	94.7	94.7	92.2	89.7	89.7	87.2	82.2	77.2	74.8	72.3
-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	7.5	7.5	7.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	7.5
82.5°	12.5	12.5	15.0	15.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4
80°	12.5	15.0	17.4	19.9	22.4	24.9	24.9	24.9	24.9	22.4	22.4
77.5°	15.0	15.0	17.4	19.9	22.4	24.9	27.4	29.9	27.4	27.4	27.4
75°	15.0	17.4	17.4	19.9	22.4	24.9	27.4	29.9	29.9	29.9	29.9
72.5°	12.5	15.0	17.4	19.9	19.9	22.4	24.9	24.9	27.4	27.4	29.9
70°	12.5	15.0	17.4	17.4	19.9	19.9	22.4	24.9	24.9	27.4	27.4
67.5°	15.0	17.4	17.4	19.9	22.4	22.4	22.4	24.9	24.9	27.4	27.4
65°	17.4	19.9	19.9	22.4	24.9	24.9	27.4	27.4	27.4	29.9	29.9
62.5°	29.9	29.9	29.9	27.4	29.9	29.9	29.9	32.4	32.4	29.9	32.4
60°	154.5	112.1	77.2	97.2	87.2	39.9	39.9	39.9	37.4	37.4	34.9
57.5°	363.8	338.9	291.5	246.7	221.8	196.8	122.1	49.8	49.8	44.9	39.9
55°	608.0	525.7	490.9	431.1	366.3	336.4	279.1	189.4	89.7	59.8	52.3
52.5°	941.9	864.6	774.9	652.8	565.6	495.8	448.5	356.3	239.2	127.1	79.7
50°	1260.8	1225.9	1171.1	1051.5	869.6	752.5	675.2	570.6	428.6	261.6	149.5
47.5°	2030.7	1739.2	1562.3	1470.1	1318.1	1096.3	946.8	829.7	657.8	441.0	264.1
45°	2556.5	2372.1	2090.5	1896.2	1671.9	1437.7	1243.4	1108.8	904.5	660.3	413.6
42.5°	3007.5	2848.0	2593.9	2309.8	2073.1	1766.6	1517.4	1340.5	1168.6	902.0	617.9
40°	3588.0	3398.7	3154.5	2877.9	2601.3	2210.1	1806.5	1592.2	1402.8	1166.1	834.7
37.5°	4544.9	4211.0	3812.3	3505.8	3144.5	2813.1	2260.0	1881.2	1657.0	1410.3	1088.9
35°	5696.0	5329.7	4664.5	4258.3	3774.9	3281.6	2783.2	2222.6	1903.7	1642.0	1323.1
32.5°	6767.4	6231.7	5379.6	4903.7	4582.2	3672.8	3157.0	2671.1	2157.8	1836.4	1457.6
30°	7064.0	6473.4	5863.0	5307.3	4759.1	4024.1	3413.6	3034.9	2476.7	1953.5	1584.7
27.5°	6765.0	6358.8	5885.4	5369.6	4776.6	4146.2	3570.6	3209.3	2711.0	2033.2	1684.4
25°	6461.0	6037.4	5706.0	5274.9	4726.7	4138.7	3575.6	3318.9	2892.9	2187.7	1739.2
22.5°	6139.5	5875.4	5601.3	5120.4	4602.2	4161.1	3737.5	3413.6	2987.5	2362.1	1761.6
20°	6157.0	5985.1	5683.6	5040.7	4579.7	4293.2	3931.9	3533.2	3089.7	2514.1	1779.1
17.5°	6436.1	6211.8	5833.1	5274.9	4781.6	4427.7	4093.9	3697.7	3194.4	2648.7	1990.9
15°	6779.9	6438.5	6042.4	5551.5	4993.4	4574.8	4218.4	3812.3	3314.0	2773.3	2180.2
12.5°	7029.1	6543.2	6171.9	5728.4	5222.6	4734.2	4300.7	3899.5	3426.1	2875.4	2322.3
10°	7113.8	6672.8	6234.2	5838.0	5339.7	4818.9	4363.0	3954.3	3523.3	2955.2	2426.9
7.5°	7158.6	6784.9	6276.6	5887.9	5409.5	4871.3	4412.8	3984.2	3600.5	3010.0	2494.2
5°	7153.7	6844.7	6309.0	5902.8	5446.8	4893.7	4447.7	3991.7	3655.3	3057.3	2534.1
2.5°	7131.2	6884.6	6361.3	5927.7	5521.6	4936.1	4515.0	4006.6	3675.3	3109.6	2561.5
0°	7213.5	6887.1	6416.1	5935.2	5571.4	4951.0	4544.9	3994.2	3647.8	3124.6	2559.0
-2.5°	7036.6	6740.0	6403.7	5870.4	5504.2	4916.1	4490.0	3954.3	3588.0	3107.1	2549.0
-5°	7006.7	6632.9	6299.0	5810.6	5392.0	4843.9	4387.9	3879.6	3493.4	3049.8	2509.1
-7.5°	6926.9	6530.7	6196.9	5763.3	5287.4	4769.1	4290.7	3802.3	3391.2	2960.1	2451.8
-10°	6752.5	6373.8	6087.2	5661.1	5160.3	4662.0	4173.6	3700.2	3271.6	2838.0	2362.1
-12.5°	6503.3	6124.6	5840.5	5444.4	5000.8	4517.4	4034.1	3568.1	3134.6	2708.5	2255.0
-15°	6221.8	5838.0	5554.0	5192.7	4764.1	4293.2	3857.1	3401.2	2977.6	2571.4	2127.9
-17.5°	5902.8	5539.0	5265.0	4913.6	4487.5	4039.0	3605.5	3191.9	2795.7	2429.4	1980.9
-20°	5534.1	5180.2	4928.6	4577.2	4186.1	3750.0	3328.9	2937.7	2581.4	2237.5	1818.9

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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°	5078.1	4766.6	4480.1	4166.1	3824.8	3426.1	3034.9	2688.5	2347.2	2010.8	1652.0
-25°	4612.1	4310.6	4031.6	3745.0	3418.6	3074.8	2740.9	2426.9	2093.0	1789.0	1490.0
-27.5°	4093.9	3824.8	3575.6	3311.5	3012.5	2715.9	2441.9	2135.4	1846.3	1587.2	1330.6
-30°	3540.7	3321.4	3104.7	2870.4	2628.7	2379.6	2135.4	1846.3	1619.6	1412.8	1196.0
-32.5°	3010.0	2813.1	2638.7	2464.3	2255.0	2050.7	1833.9	1619.6	1430.2	1248.3	1066.4
-35°	2544.0	2334.7	2237.5	2098.0	1931.1	1746.7	1569.8	1420.3	1268.3	1103.8	941.9
-37.5°	2140.4	2005.8	1891.2	1786.5	1654.5	1495.0	1367.9	1245.8	1118.8	969.3	829.7
-40°	1823.9	1726.7	1612.1	1534.9	1427.7	1313.1	1186.0	1083.9	976.7	854.7	740.0
-42.5°	1569.8	1490.0	1415.3	1333.1	1253.3	1156.1	1046.5	949.3	852.2	762.5	667.8
-45°	1360.5	1303.2	1243.4	1176.1	1106.3	1021.6	931.9	832.2	762.5	682.7	603.0
-47.5°	1188.5	1146.2	1096.3	1044.0	984.2	909.5	827.2	755.0	682.7	615.4	538.2
-50°	1051.5	1011.6	971.8	926.9	874.6	809.8	747.5	680.2	613.0	548.2	475.9
-52.5°	936.9	902.0	869.6	832.2	782.4	727.6	670.3	610.5	548.2	483.4	426.1
-55°	857.1	817.3	784.9	747.5	702.7	650.3	598.0	543.2	483.4	433.6	386.2
-57.5°	792.4	747.5	710.1	670.3	625.4	580.6	533.2	483.4	438.5	391.2	346.3
-60°	737.5	685.2	642.9	603.0	560.6	518.3	478.4	436.0	393.7	351.3	306.5
-62.5°	680.2	625.4	573.1	535.7	503.3	465.9	431.1	391.2	353.8	311.5	279.1
-65°	615.4	563.1	513.3	480.9	451.0	418.6	386.2	351.3	318.9	286.5	256.6
-67.5°	543.2	498.3	463.5	433.6	403.7	376.2	346.3	316.4	289.0	256.6	226.7
-70°	456.0	431.1	411.1	388.7	361.3	336.4	309.0	281.6	251.7	224.3	196.8
-72.5°	388.7	373.8	358.8	336.4	311.5	289.0	266.6	241.7	216.8	191.9	169.4
-75°	318.9	306.5	294.0	279.1	259.1	241.7	221.8	199.3	179.4	162.0	144.5
-77.5°	256.6	246.7	239.2	226.7	211.8	196.8	184.4	169.4	154.5	137.0	119.6
-80°	204.3	199.3	196.8	191.9	179.4	166.9	157.0	144.5	129.6	117.1	104.7
-82.5°	159.5	159.5	157.0	154.5	144.5	134.6	127.1	117.1	107.1	97.2	84.7
-85°	117.1	114.6	114.6	112.1	104.7	99.7	92.2	87.2	79.7	69.8	64.8
-87.5°	69.8	67.3	64.8	62.3	57.3	54.8	49.8	47.3	42.4	37.4	34.9
-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: P722720

CATALOG NUMBER: IFLD-S-SA3C-940-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.0	0.0
85°	7.5	5.0	5.0	5.0	5.0	5.0	2.5	2.5	2.5	2.5	2.5
82.5°	15.0	15.0	12.5	12.5	10.0	7.5	5.0	5.0	5.0	2.5	2.5
80°	22.4	22.4	22.4	19.9	17.4	12.5	10.0	7.5	5.0	2.5	2.5
77.5°	27.4	24.9	24.9	22.4	22.4	19.9	15.0	12.5	7.5	5.0	2.5
75°	27.4	27.4	27.4	24.9	24.9	22.4	19.9	15.0	12.5	7.5	5.0
72.5°	29.9	27.4	27.4	27.4	24.9	22.4	19.9	17.4	15.0	10.0	5.0
70°	27.4	27.4	27.4	27.4	24.9	24.9	19.9	17.4	17.4	10.0	7.5
67.5°	27.4	27.4	27.4	24.9	24.9	22.4	19.9	17.4	17.4	12.5	7.5
65°	29.9	27.4	27.4	27.4	24.9	22.4	19.9	17.4	17.4	15.0	10.0
62.5°	32.4	29.9	29.9	27.4	24.9	22.4	19.9	17.4	17.4	15.0	10.0
60°	34.9	32.4	29.9	29.9	27.4	24.9	19.9	19.9	17.4	15.0	10.0
57.5°	37.4	34.9	34.9	32.4	29.9	27.4	22.4	19.9	17.4	15.0	12.5
55°	44.9	39.9	37.4	37.4	34.9	29.9	24.9	19.9	17.4	15.0	12.5
52.5°	59.8	47.3	42.4	42.4	39.9	34.9	27.4	22.4	17.4	15.0	12.5
50°	94.7	59.8	49.8	44.9	44.9	39.9	32.4	24.9	17.4	15.0	12.5
47.5°	149.5	99.7	59.8	52.3	49.8	47.3	37.4	24.9	19.9	15.0	12.5
45°	246.7	147.0	97.2	62.3	52.3	49.8	42.4	27.4	19.9	17.4	12.5
42.5°	338.9	229.2	149.5	74.8	62.3	54.8	44.9	29.9	22.4	17.4	12.5
40°	533.2	314.0	209.3	122.1	72.3	57.3	49.8	34.9	22.4	17.4	12.5
37.5°	722.6	416.1	281.6	179.4	82.2	64.8	52.3	37.4	24.9	17.4	15.0
35°	912.0	583.1	348.8	239.2	109.6	77.2	54.8	39.9	24.9	17.4	15.0
32.5°	1081.4	740.0	418.6	299.0	164.5	92.2	59.8	42.4	27.4	19.9	15.0
30°	1220.9	884.6	543.2	351.3	214.3	112.1	64.8	42.4	29.9	19.9	15.0
27.5°	1325.6	996.7	670.3	406.1	256.6	132.1	74.8	47.3	29.9	19.9	15.0
25°	1410.3	1083.9	782.4	463.5	294.0	164.5	89.7	49.8	32.4	22.4	15.0
22.5°	1477.6	1156.1	874.6	540.7	338.9	196.8	109.6	54.8	32.4	22.4	15.0
20°	1569.8	1228.4	936.9	622.9	386.2	226.7	127.1	59.8	32.4	22.4	17.4
17.5°	1649.5	1300.7	986.7	692.7	433.6	249.2	147.0	64.8	34.9	22.4	17.4
15°	1741.7	1370.4	1031.6	747.5	478.4	269.1	164.5	69.8	34.9	24.9	17.4
12.5°	1841.4	1435.2	1064.0	792.4	525.7	286.5	179.4	79.7	37.4	24.9	17.4
10°	1943.5	1490.0	1091.4	824.8	560.6	304.0	189.4	89.7	39.9	24.9	17.4
7.5°	2045.7	1539.9	1126.2	839.7	575.6	323.9	194.4	99.7	39.9	27.4	17.4
5°	2115.5	1572.3	1176.1	849.7	583.1	346.3	201.8	112.1	42.4	27.4	17.4
2.5°	2175.3	1592.2	1228.4	857.1	585.5	358.8	199.3	119.6	44.9	27.4	17.4
0°	2202.7	1592.2	1263.3	852.2	578.1	371.3	199.3	127.1	44.9	27.4	17.4
-2.5°	2160.3	1637.0	1253.3	854.7	580.6	371.3	209.3	129.6	49.8	29.9	17.4
-5°	2093.0	1654.5	1223.4	842.2	575.6	371.3	221.8	132.1	52.3	29.9	19.9
-7.5°	2028.2	1662.0	1188.5	829.7	568.1	361.3	224.3	129.6	57.3	32.4	19.9
-10°	1943.5	1579.7	1143.7	807.3	553.2	353.8	229.2	129.6	59.8	32.4	19.9
-12.5°	1846.3	1480.1	1088.9	774.9	535.7	346.3	231.7	129.6	62.3	34.9	19.9
-15°	1734.2	1377.9	1026.6	740.0	510.8	336.4	226.7	127.1	64.8	34.9	22.4
-17.5°	1607.1	1278.2	961.8	697.7	483.4	323.9	216.8	124.6	64.8	34.9	22.4
-20°	1462.6	1178.6	889.5	655.3	451.0	309.0	206.8	119.6	64.8	34.9	22.4



REPORT NUMBER: P722720

CATALOG NUMBER: IFLD-S-SA3C-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1333.1	1086.4	814.8	608.0	416.1	291.5	194.4	114.6	64.8	37.4	22.4
-25°	1225.9	996.7	757.5	560.6	378.7	271.6	181.9	109.6	64.8	37.4	22.4
-27.5°	1113.8	899.5	697.7	515.8	353.8	254.2	169.4	104.7	62.3	37.4	22.4
-30°	999.2	804.8	635.4	465.9	328.9	236.7	159.5	97.2	62.3	37.4	22.4
-32.5°	894.5	727.6	578.1	416.1	301.5	219.3	149.5	94.7	59.8	37.4	22.4
-35°	792.4	657.8	518.3	376.2	271.6	201.8	139.5	92.2	59.8	37.4	22.4
-37.5°	707.6	593.0	463.5	348.8	254.2	186.9	129.6	87.2	57.3	37.4	22.4
-40°	637.9	533.2	411.1	318.9	239.2	171.9	119.6	84.7	57.3	37.4	22.4
-42.5°	573.1	475.9	378.7	294.0	224.3	162.0	112.1	82.2	54.8	37.4	22.4
-45°	515.8	426.1	346.3	271.6	206.8	149.5	107.1	77.2	52.3	37.4	24.9
-47.5°	458.5	391.2	316.4	251.7	189.4	134.6	102.2	74.8	49.8	34.9	24.9
-50°	413.6	353.8	291.5	229.2	171.9	129.6	97.2	69.8	49.8	34.9	24.9
-52.5°	373.8	318.9	264.1	206.8	157.0	122.1	92.2	64.8	47.3	34.9	24.9
-55°	336.4	286.5	236.7	184.4	147.0	114.6	84.7	59.8	47.3	34.9	24.9
-57.5°	299.0	256.6	209.3	166.9	134.6	107.1	79.7	59.8	47.3	34.9	24.9
-60°	269.1	229.2	189.4	154.5	124.6	97.2	72.3	57.3	44.9	34.9	24.9
-62.5°	244.2	206.8	171.9	139.5	114.6	87.2	69.8	57.3	44.9	34.9	22.4
-65°	219.3	186.9	154.5	127.1	102.2	82.2	67.3	54.8	44.9	34.9	22.4
-67.5°	194.4	164.5	139.5	112.1	94.7	79.7	64.8	54.8	42.4	32.4	22.4
-70°	169.4	144.5	122.1	104.7	89.7	74.8	62.3	52.3	42.4	29.9	19.9
-72.5°	149.5	127.1	109.6	97.2	84.7	72.3	59.8	49.8	39.9	27.4	17.4
-75°	127.1	112.1	99.7	87.2	77.2	67.3	57.3	44.9	34.9	24.9	17.4
-77.5°	107.1	97.2	87.2	79.7	69.8	59.8	49.8	39.9	32.4	22.4	15.0
-80°	92.2	84.7	77.2	69.8	62.3	52.3	44.9	34.9	27.4	19.9	12.5
-82.5°	74.8	69.8	62.3	57.3	52.3	44.9	37.4	29.9	19.9	15.0	10.0
-85°	57.3	52.3	49.8	44.9	39.9	32.4	24.9	19.9	15.0	10.0	5.0
-87.5°	29.9	27.4	24.9	22.4	19.9	15.0	12.5	10.0	7.5	5.0	2.5
-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-940-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°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	2.5	2.5	0.0	0.0
67.5°	5.0	2.5	0.0	0.0
65°	5.0	2.5	0.0	0.0
62.5°	5.0	2.5	0.0	0.0
60°	5.0	2.5	0.0	0.0
57.5°	7.5	2.5	2.5	0.0
55°	7.5	2.5	2.5	0.0
52.5°	7.5	2.5	2.5	0.0
50°	7.5	5.0	2.5	0.0
47.5°	7.5	5.0	2.5	0.0
45°	7.5	5.0	2.5	0.0
42.5°	7.5	5.0	2.5	0.0
40°	10.0	5.0	2.5	0.0
37.5°	10.0	5.0	2.5	0.0
35°	10.0	5.0	2.5	0.0
32.5°	10.0	5.0	2.5	0.0
30°	10.0	5.0	2.5	0.0
27.5°	10.0	7.5	2.5	0.0
25°	10.0	7.5	2.5	0.0
22.5°	12.5	7.5	2.5	0.0
20°	12.5	7.5	2.5	0.0
17.5°	12.5	7.5	2.5	0.0
15°	12.5	7.5	2.5	0.0
12.5°	12.5	7.5	2.5	0.0
10°	12.5	7.5	2.5	0.0
7.5°	12.5	7.5	2.5	0.0
5°	12.5	7.5	2.5	0.0
2.5°	12.5	7.5	2.5	0.0
0°	12.5	7.5	2.5	0.0
-2.5°	12.5	7.5	2.5	0.0
-5°	12.5	7.5	2.5	0.0
-7.5°	12.5	7.5	2.5	0.0
-10°	12.5	7.5	2.5	0.0
-12.5°	15.0	7.5	2.5	0.0
-15°	15.0	7.5	2.5	0.0
-17.5°	15.0	7.5	2.5	0.0
-20°	15.0	7.5	2.5	0.0

REPORT NUMBER: P722720

CATALOG NUMBER: IFLD-S-SA3C-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.0	7.5	2.5	0.0
-25°	15.0	7.5	2.5	0.0
-27.5°	15.0	7.5	2.5	0.0
-30°	15.0	7.5	2.5	0.0
-32.5°	15.0	7.5	2.5	0.0
-35°	15.0	7.5	2.5	0.0
-37.5°	15.0	7.5	2.5	0.0
-40°	15.0	7.5	2.5	0.0
-42.5°	12.5	7.5	2.5	0.0
-45°	15.0	7.5	2.5	0.0
-47.5°	15.0	7.5	2.5	0.0
-50°	15.0	7.5	2.5	0.0
-52.5°	15.0	7.5	2.5	0.0
-55°	15.0	7.5	2.5	0.0
-57.5°	15.0	7.5	2.5	0.0
-60°	15.0	7.5	2.5	0.0
-62.5°	12.5	7.5	2.5	0.0
-65°	12.5	5.0	2.5	0.0
-67.5°	12.5	5.0	2.5	0.0
-70°	12.5	5.0	2.5	0.0
-72.5°	10.0	5.0	2.5	0.0
-75°	10.0	5.0	2.5	0.0
-77.5°	7.5	2.5	0.0	0.0
-80°	7.5	2.5	0.0	0.0
-82.5°	5.0	2.5	0.0	0.0
-85°	2.5	2.5	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)