

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: P722581

Luminaire Tested: **IFLD-S-SA6D-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722581
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34367.3 lumens	Max Intensity:	23992.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.3 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:	21924.9 lumens	Field Lumens:	32400.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

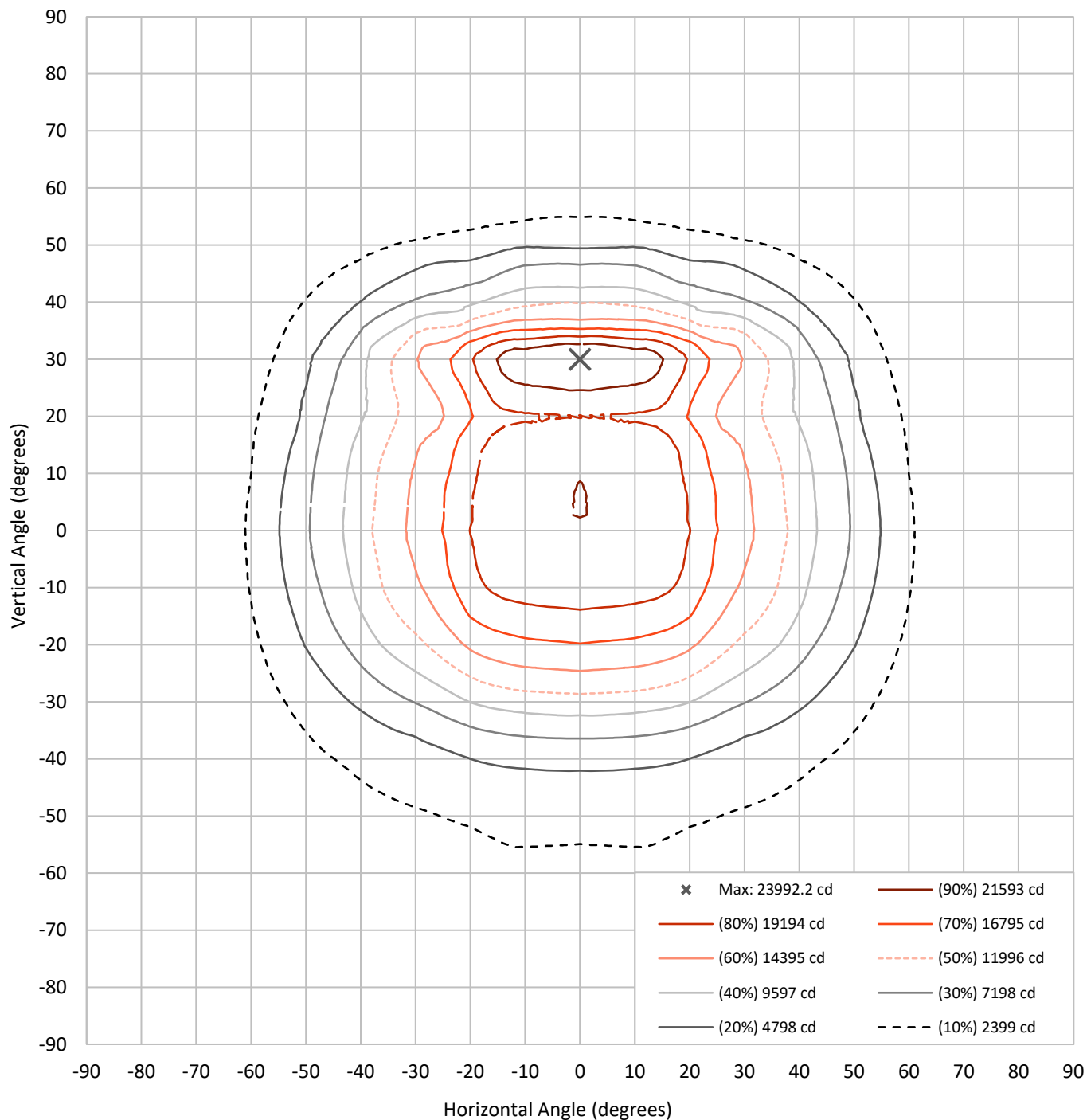
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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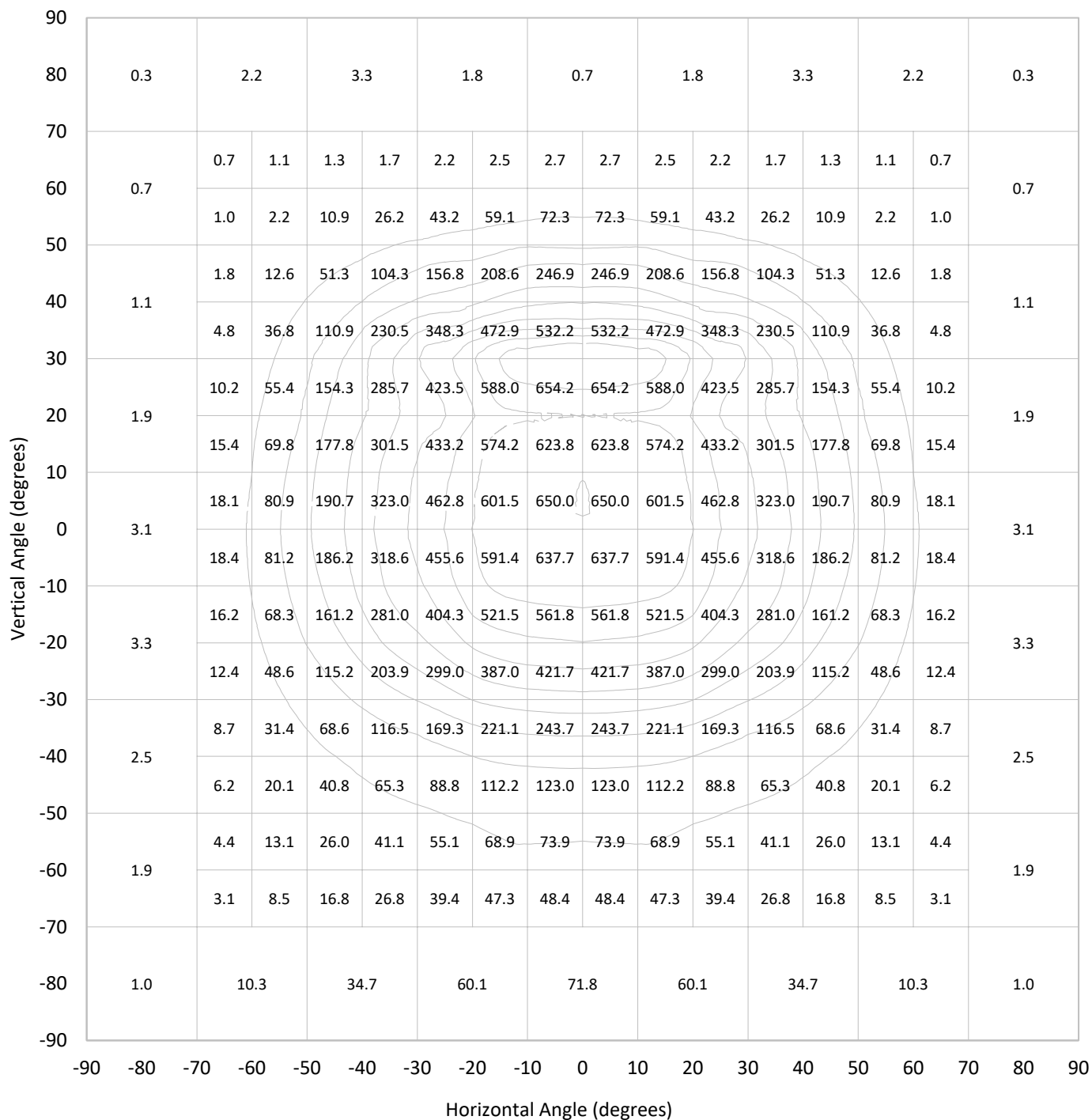
Iso-Candela Plot



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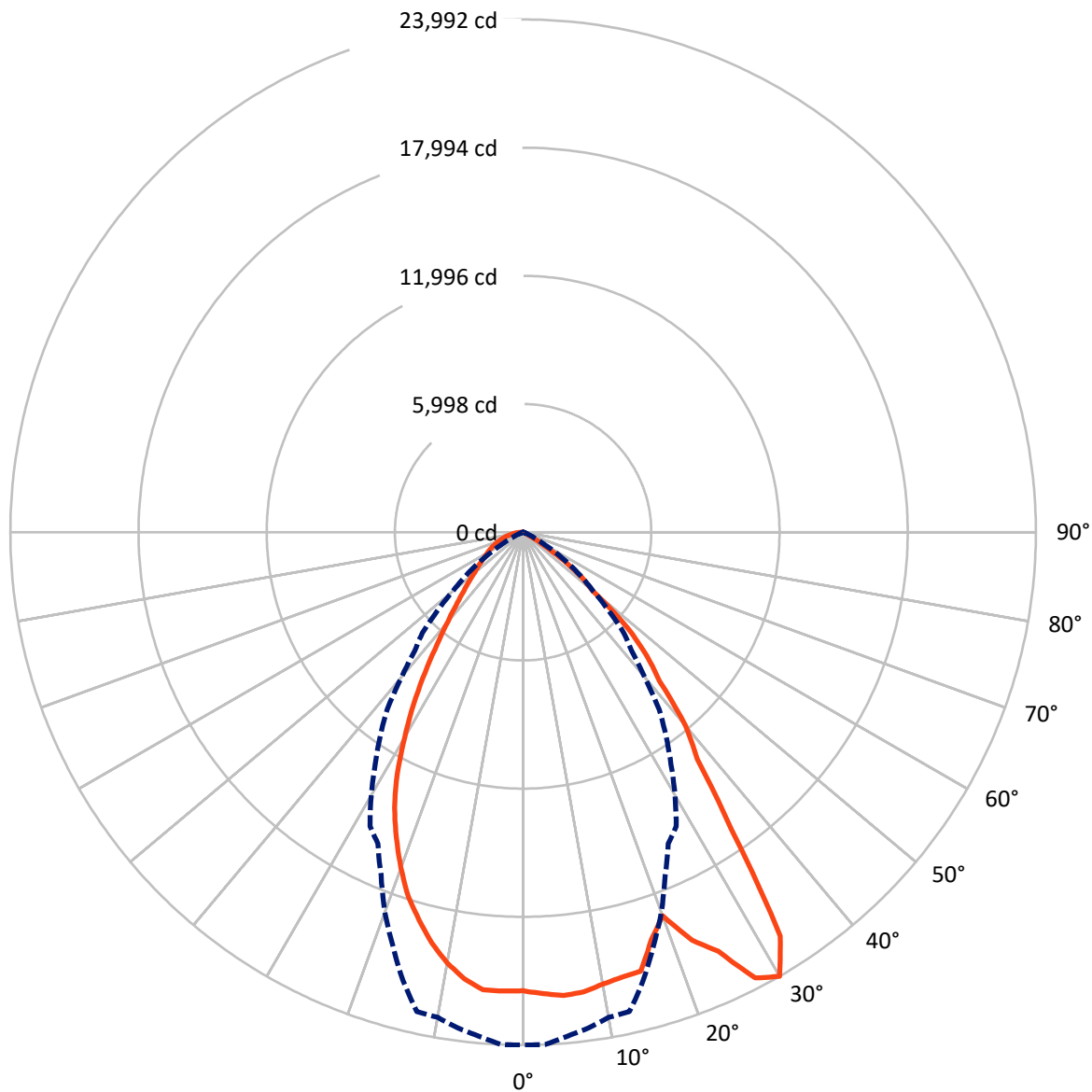
Lumen Table



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Luminous Intensity Polar Plot



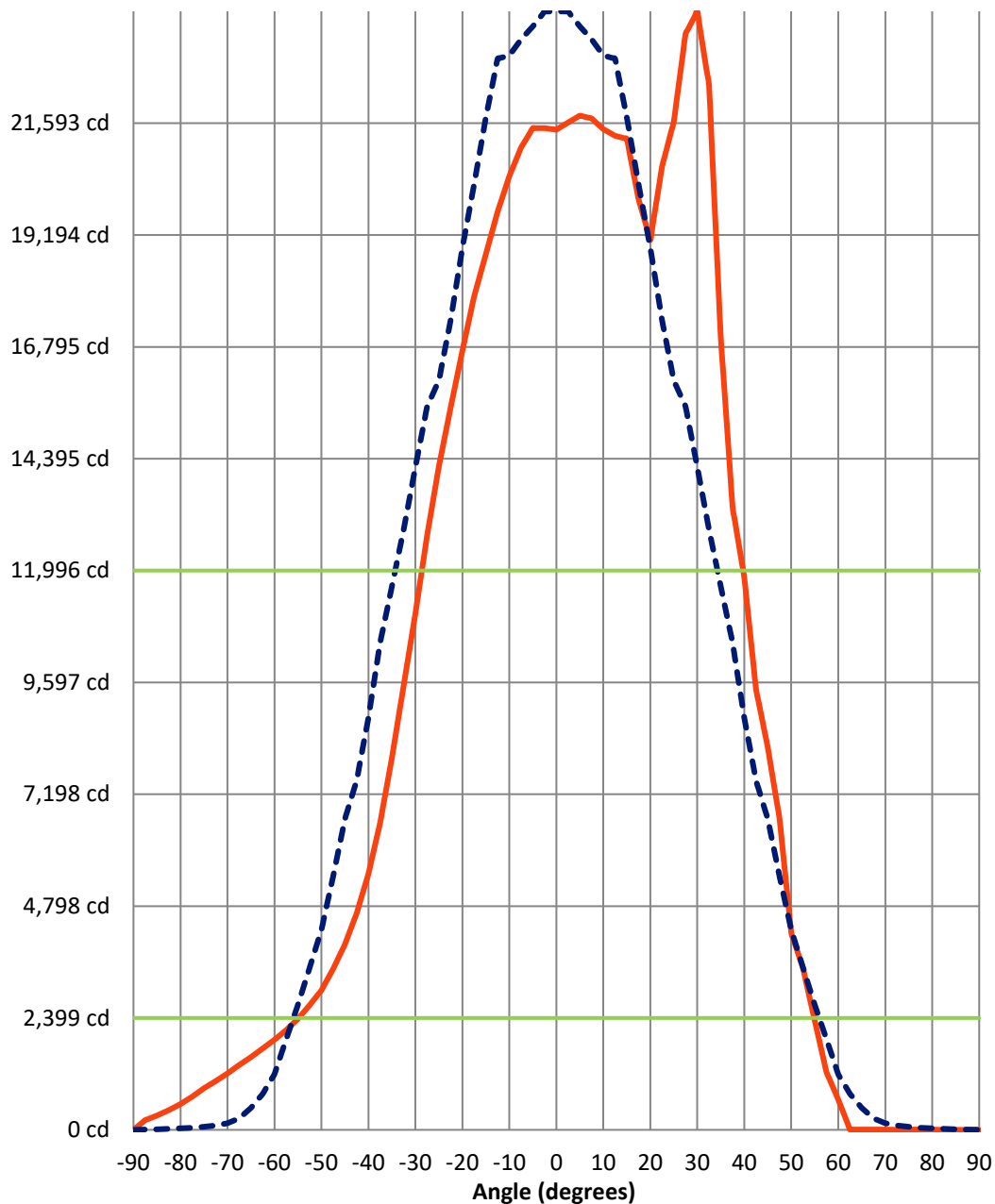
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 21924.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 32400.7

Efficiency: 94.3%

Spill:

Lumens: 1966.6

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	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	5.5	10.9	10.9	10.9	10.9	10.9	10.9	16.4
82.5°	0.0	5.5	5.5	5.5	10.9	10.9	10.9	10.9	16.4	16.4	21.9
80°	5.5	5.5	5.5	5.5	10.9	10.9	10.9	16.4	16.4	21.9	21.9
77.5°	5.5	5.5	5.5	10.9	10.9	10.9	16.4	16.4	21.9	21.9	27.4
75°	5.5	5.5	5.5	10.9	10.9	16.4	16.4	16.4	21.9	21.9	27.4
72.5°	0.0	5.5	5.5	10.9	10.9	16.4	16.4	16.4	21.9	21.9	21.9
70°	5.5	5.5	5.5	10.9	10.9	16.4	16.4	16.4	21.9	21.9	21.9
67.5°	5.5	5.5	5.5	10.9	10.9	16.4	16.4	21.9	21.9	21.9	27.4
65°	5.5	5.5	5.5	10.9	16.4	16.4	21.9	27.4	27.4	32.8	38.3
62.5°	5.5	10.9	10.9	16.4	21.9	27.4	60.2	93.0	93.0	65.7	54.7
60°	651.1	705.8	700.3	634.7	552.6	465.1	448.7	432.2	399.4	350.2	366.6
57.5°	1236.5	1302.2	1329.6	1313.1	1269.4	1192.8	1149.0	1099.8	1034.1	957.5	870.0
55°	2341.8	2369.1	2308.9	2194.0	2068.2	1942.4	1898.6	1832.9	1734.4	1636.0	1504.6
52.5°	3463.4	3556.4	3529.1	3414.2	3244.6	3020.2	2774.0	2582.5	2467.6	2358.2	2226.9
50°	4229.4	4267.7	4344.3	4481.1	4530.3	4377.1	3977.7	3463.4	3096.8	3282.9	3140.6
47.5°	6675.1	6866.6	6828.3	6729.9	6565.7	6149.9	5591.8	5132.2	4749.2	4623.4	4645.2
45°	8201.7	8278.3	8250.9	8207.1	8130.5	7742.1	7123.8	6418.0	6062.3	5920.1	5772.4
42.5°	9454.6	9536.7	9553.1	9558.6	9476.5	9120.9	8562.8	7857.0	7501.3	7091.0	6768.2
40°	11845.6	11966.0	11829.2	11648.7	11375.1	10970.2	10423.1	9772.0	9142.8	8639.4	8256.4
37.5°	13372.2	13519.9	13574.6	13563.7	13503.5	13328.4	12655.4	12037.1	11074.2	9947.1	10149.5
35°	16994.3	17147.5	17103.7	16939.5	16852.0	16666.0	16009.4	15276.2	14067.0	12841.4	12513.2
32.5°	22394.6	22728.3	22104.6	21420.6	20999.3	21147.1	20479.6	18684.9	18126.8	15916.4	14893.2
30°	23992.2	23986.7	23669.4	23390.4	23045.7	22974.5	21716.1	20282.6	18914.7	17366.3	16075.1
27.5°	23505.3	23406.8	23138.7	22936.2	22613.4	22443.8	21212.7	20074.7	18493.4	17109.2	15861.7
25°	21628.6	21705.2	21431.6	21393.3	21267.4	20939.2	20326.4	19046.0	17634.4	16102.4	15205.1
22.5°	20660.1	20632.8	20304.5	20113.0	20266.2	19916.0	19669.8	18378.5	16906.7	15615.5	14537.6
20°	19084.3	19089.8	19007.7	18991.3	18898.3	18739.6	18542.7	17628.9	16589.4	15484.1	14187.4
17.5°	19965.2	20189.6	20288.1	19472.8	19702.6	19522.1	19314.1	18039.3	17256.9	16277.5	14586.8
15°	21256.5	21174.4	21075.9	21032.2	20906.3	20736.7	20359.2	19341.5	17995.5	16983.3	15664.7
12.5°	21322.2	21163.5	21125.2	21119.7	20988.4	20753.1	20386.5	19543.9	18351.2	17120.1	16047.7
10°	21464.4	21300.3	21278.4	21305.7	21103.3	20955.6	20589.0	19806.6	18460.6	17355.4	16343.2
7.5°	21694.2	21420.6	21546.5	21464.4	21371.4	21136.1	20742.2	19976.2	18860.0	17667.2	16605.8
5°	21754.4	21453.5	21590.3	21513.7	21376.9	21147.1	20720.3	20085.6	19106.2	17793.1	16709.7
2.5°	21606.7	21519.1	21458.9	21316.7	21256.5	21004.8	20599.9	19921.5	18991.3	17738.4	16687.9
0°	21453.5	21530.1	21393.3	21251.0	21223.7	21021.2	20676.5	20063.7	19259.4	17891.6	16873.9
-2.5°	21486.3	21426.1	21333.1	21185.4	21043.1	20753.1	20441.3	19866.8	19002.3	17557.8	16611.3
-5°	21486.3	21207.3	21218.2	21223.7	21081.4	20780.5	20403.0	19916.0	18849.1	17552.3	16534.7
-7.5°	21070.5	20829.7	20791.4	20758.6	20720.3	20441.3	20145.8	19538.5	18591.9	17410.1	16321.3
-10°	20457.7	20222.4	20244.3	20195.0	20074.7	19888.6	19664.3	19117.2	18340.2	16961.4	15889.0
-12.5°	19691.7	19587.7	19527.5	19445.5	19325.1	19160.9	18931.1	18416.8	17585.2	16408.8	15391.1
-15°	18783.4	18706.8	18652.1	18602.9	18427.8	18258.2	17957.2	17481.2	16961.4	15697.5	14658.0
-17.5°	17875.2	17683.7	17607.1	17541.4	17426.5	17152.9	16879.4	16523.7	15796.0	14794.7	13902.9
-20°	16709.7	16594.8	16501.8	16414.3	16250.1	16036.8	15812.4	15402.1	14772.9	13963.1	13038.4

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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°	15489.6	15424.0	15347.4	15237.9	15128.5	14926.1	14614.2	14220.2	13727.8	12852.4	11987.9
-25°	14231.2	14105.3	14012.3	13908.4	13820.8	13634.8	13333.9	12956.3	12338.1	11583.0	10860.8
-27.5°	12748.4	12628.1	12578.8	12458.4	12381.8	12212.2	11911.3	11561.1	11003.0	10368.4	9635.2
-30°	11074.2	11096.1	11041.3	10926.4	10833.4	10614.6	10384.8	10089.3	9651.6	9044.3	8387.7
-32.5°	9525.8	9553.1	9487.5	9367.1	9246.7	9088.0	8874.7	8606.6	8278.3	7698.3	7129.3
-35°	7977.3	7966.4	7911.7	7840.6	7758.5	7627.2	7386.4	7184.0	6806.5	6401.6	6007.6
-37.5°	6587.6	6615.0	6598.5	6560.2	6467.2	6357.8	6160.8	5974.8	5695.8	5340.1	5033.7
-40°	5487.8	5520.7	5498.8	5460.5	5378.4	5312.8	5181.4	5017.3	4793.0	4486.6	4229.4
-42.5°	4645.2	4667.1	4639.8	4606.9	4535.8	4486.6	4382.6	4245.8	4059.8	3824.5	3594.7
-45°	3977.7	3983.2	3955.8	3934.0	3879.2	3819.1	3731.5	3622.1	3474.4	3310.2	3124.2
-47.5°	3452.5	3447.0	3419.6	3397.8	3354.0	3299.3	3228.1	3129.7	3014.8	2888.9	2741.2
-50°	2992.9	3020.2	3009.3	2987.4	2954.6	2916.3	2845.1	2741.2	2626.3	2533.3	2429.3
-52.5°	2675.5	2681.0	2675.5	2675.5	2670.1	2642.7	2560.6	2456.7	2330.8	2248.8	2161.2
-55°	2380.1	2407.4	2418.4	2429.3	2434.8	2434.8	2336.3	2226.9	2106.5	2024.4	1958.8
-57.5°	2139.3	2155.7	2166.7	2194.0	2215.9	2232.3	2144.8	2046.3	1953.3	1876.7	1816.5
-60°	1931.4	1953.3	1969.7	1997.1	2013.5	2024.4	1969.7	1904.1	1849.3	1800.1	1712.6
-62.5°	1745.4	1761.8	1778.2	1794.6	1811.0	1822.0	1800.1	1767.3	1739.9	1718.0	1608.6
-65°	1559.4	1575.8	1592.2	1614.1	1630.5	1641.4	1636.0	1614.1	1592.2	1570.3	1471.8
-67.5°	1389.7	1406.2	1428.0	1433.5	1444.5	1449.9	1439.0	1422.6	1395.2	1367.9	1291.3
-70°	1209.2	1220.1	1231.1	1231.1	1231.1	1225.6	1214.7	1192.8	1165.4	1127.1	1066.9
-72.5°	1045.0	1056.0	1066.9	1050.5	1039.6	1023.2	1006.7	979.4	952.0	924.7	891.8
-75°	891.8	897.3	897.3	875.4	859.0	842.6	820.7	804.3	776.9	755.1	727.7
-77.5°	711.3	711.3	711.3	694.9	683.9	673.0	656.6	640.2	618.3	601.9	580.0
-80°	552.6	552.6	552.6	547.1	530.7	519.8	508.8	497.9	481.5	470.5	459.6
-82.5°	421.3	421.3	421.3	415.8	404.9	399.4	388.5	377.5	372.1	361.1	355.6
-85°	306.4	311.9	311.9	306.4	300.9	290.0	284.5	279.0	273.6	268.1	257.2
-87.5°	207.9	207.9	207.9	202.4	197.0	197.0	191.5	180.6	169.6	164.1	158.7
-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	16.4	16.4	16.4	21.9	21.9	21.9	21.9	21.9	21.9	21.9	16.4
82.5°	27.4	27.4	32.8	32.8	38.3	38.3	38.3	38.3	38.3	38.3	38.3
80°	27.4	32.8	38.3	43.8	49.2	54.7	54.7	54.7	54.7	49.2	49.2
77.5°	32.8	32.8	38.3	43.8	49.2	54.7	60.2	65.7	60.2	60.2	60.2
75°	32.8	38.3	38.3	43.8	49.2	54.7	60.2	65.7	65.7	65.7	65.7
72.5°	27.4	32.8	38.3	43.8	43.8	49.2	54.7	54.7	60.2	60.2	65.7
70°	27.4	32.8	38.3	38.3	43.8	43.8	49.2	54.7	54.7	60.2	60.2
67.5°	32.8	38.3	38.3	43.8	49.2	49.2	49.2	54.7	54.7	60.2	60.2
65°	38.3	43.8	43.8	49.2	54.7	54.7	60.2	60.2	60.2	65.7	65.7
62.5°	65.7	65.7	65.7	60.2	65.7	65.7	65.7	71.1	71.1	65.7	71.1
60°	339.2	246.2	169.6	213.4	191.5	87.5	87.5	87.5	82.1	82.1	76.6
57.5°	798.8	744.1	640.2	541.7	487.0	432.2	268.1	109.4	109.4	98.5	87.5
55°	1335.0	1154.5	1077.9	946.6	804.3	738.6	612.8	415.8	197.0	131.3	114.9
52.5°	2068.2	1898.6	1701.6	1433.5	1242.0	1088.8	984.9	782.4	525.3	279.0	175.1
50°	2768.5	2691.9	2571.6	2308.9	1909.5	1652.4	1482.8	1253.0	941.1	574.5	328.3
47.5°	4459.2	3819.1	3430.6	3228.1	2894.4	2407.4	2079.1	1822.0	1444.5	968.4	580.0
45°	5613.7	5208.8	4590.5	4163.8	3671.3	3157.0	2730.2	2434.8	1986.1	1449.9	908.3
42.5°	6604.0	6253.8	5695.8	5072.0	4552.2	3879.2	3332.1	2943.6	2566.1	1980.7	1356.9
40°	7878.9	7463.0	6926.8	6319.5	5712.2	4853.2	3966.8	3496.2	3080.4	2560.6	1832.9
37.5°	9979.9	9246.7	8371.3	7698.3	6904.9	6177.2	4962.6	4130.9	3638.5	3096.8	2391.0
35°	12507.7	11703.4	10242.5	9350.7	8289.2	7205.9	6111.6	4880.5	4180.2	3605.7	2905.3
32.5°	14860.4	13684.0	11812.8	10767.8	10062.0	8064.9	6932.3	5865.4	4738.3	4032.4	3200.8
30°	15511.5	14214.8	12874.3	11654.1	10450.4	8836.4	7495.9	6664.2	5438.6	4289.6	3479.8
27.5°	14854.9	13963.1	12923.5	11790.9	10488.7	9104.5	7840.6	7047.2	5952.9	4464.7	3698.7
25°	14187.4	13257.3	12529.6	11583.0	10379.3	9088.0	7851.5	7287.9	6352.3	4803.9	3819.1
22.5°	13481.6	12901.6	12299.8	11243.8	10105.7	9137.3	8207.1	7495.9	6560.2	5186.9	3868.3
20°	13519.9	13142.4	12480.3	11068.7	10056.5	9427.3	8633.9	7758.5	6784.6	5520.7	3906.6
17.5°	14132.7	13640.3	12808.6	11583.0	10499.7	9722.7	8989.6	8119.6	7014.4	5816.1	4371.7
15°	14887.8	14138.2	13268.2	12190.3	10964.7	10045.5	9263.1	8371.3	7277.0	6089.7	4787.5
12.5°	15434.9	14368.0	13552.7	12578.8	11468.1	10395.7	9443.7	8562.8	7523.2	6314.0	5099.4
10°	15620.9	14652.5	13689.5	12819.6	11725.3	10581.7	9580.5	8683.2	7736.6	6489.1	5329.2
7.5°	15719.4	14898.7	13782.5	12929.0	11878.5	10696.6	9689.9	8748.8	7906.2	6609.5	5476.9
5°	15708.5	15030.0	13853.7	12961.8	11960.5	10745.9	9766.5	8765.2	8026.6	6713.4	5564.4
2.5°	15659.2	15117.6	13968.6	13016.5	12124.7	10838.9	9914.2	8798.1	8070.4	6828.3	5624.6
0°	15839.8	15123.0	14088.9	13032.9	12234.1	10871.7	9979.9	8770.7	8010.2	6861.2	5619.2
-2.5°	15451.3	14800.2	14061.6	12890.7	12086.4	10795.1	9859.5	8683.2	7878.9	6822.9	5597.3
-5°	15385.7	14564.9	13831.8	12759.4	11840.2	10636.5	9635.2	8519.0	7670.9	6697.0	5509.7
-7.5°	15210.6	14340.6	13607.4	12655.4	11610.4	10472.3	9421.8	8349.4	7446.6	6500.1	5383.9
-10°	14827.6	13995.9	13366.7	12431.1	11331.3	10237.0	9164.6	8125.1	7184.0	6232.0	5186.9
-12.5°	14280.4	13448.8	12825.0	11955.1	10981.2	9919.7	8858.2	7835.1	6883.1	5947.4	4951.6
-15°	13662.2	12819.6	12195.8	11402.5	10461.4	9427.3	8469.8	7468.5	6538.4	5646.5	4672.6
-17.5°	12961.8	12163.0	11561.1	10789.7	9854.0	8869.2	7917.2	7008.9	6138.9	5334.6	4349.8
-20°	12152.0	11375.1	10822.5	10051.0	9192.0	8234.5	7309.8	6450.8	5668.4	4913.3	3994.1

REPORT NUMBER: P722581

CATALOG NUMBER: IFLD-S-SA6D-827-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°	11150.8	10466.8	9837.6	9148.2	8398.6	7523.2	6664.2	5903.7	5154.1	4415.4	3627.6
-25°	10127.6	9465.6	8852.8	8223.6	7506.8	6751.7	6018.6	5329.2	4596.0	3928.5	3271.9
-27.5°	8989.6	8398.6	7851.5	7271.5	6615.0	5963.9	5362.0	4689.0	4054.3	3485.3	2921.7
-30°	7774.9	7293.4	6817.4	6303.1	5772.4	5225.2	4689.0	4054.3	3556.4	3102.3	2626.3
-32.5°	6609.5	6177.2	5794.2	5411.2	4951.6	4503.0	4027.0	3556.4	3140.6	2741.2	2341.8
-35°	5586.3	5126.7	4913.3	4606.9	4240.4	3835.5	3447.0	3118.7	2785.0	2423.8	2068.2
-37.5°	4700.0	4404.5	4152.8	3923.0	3633.0	3282.9	3003.8	2735.7	2456.7	2128.4	1822.0
-40°	4005.1	3791.7	3540.0	3370.4	3135.1	2883.4	2604.4	2380.1	2144.8	1876.7	1625.0
-42.5°	3447.0	3271.9	3107.8	2927.2	2752.1	2538.7	2298.0	2084.6	1871.2	1674.3	1466.3
-45°	2987.4	2861.6	2730.2	2582.5	2429.3	2243.3	2046.3	1827.5	1674.3	1499.2	1324.1
-47.5°	2609.9	2516.9	2407.4	2292.5	2161.2	1997.1	1816.5	1657.8	1499.2	1351.4	1181.8
-50°	2308.9	2221.4	2133.9	2035.4	1920.5	1778.2	1641.4	1493.7	1346.0	1203.7	1045.0
-52.5°	2057.3	1980.7	1909.5	1827.5	1718.0	1597.7	1471.8	1340.5	1203.7	1061.5	935.6
-55°	1882.2	1794.6	1723.5	1641.4	1542.9	1428.0	1313.1	1192.8	1061.5	952.0	848.1
-57.5°	1739.9	1641.4	1559.4	1471.8	1373.3	1274.8	1170.9	1061.5	963.0	859.0	760.5
-60°	1619.5	1504.6	1411.6	1324.1	1231.1	1138.1	1050.5	957.5	864.5	771.5	673.0
-62.5°	1493.7	1373.3	1258.4	1176.4	1105.2	1023.2	946.6	859.0	776.9	683.9	612.8
-65°	1351.4	1236.5	1127.1	1056.0	990.3	919.2	848.1	771.5	700.3	629.2	563.6
-67.5°	1192.8	1094.3	1017.7	952.0	886.4	826.2	760.5	694.9	634.7	563.6	497.9
-70°	1001.3	946.6	902.8	853.5	793.4	738.6	678.5	618.3	552.6	492.4	432.2
-72.5°	853.5	820.7	787.9	738.6	683.9	634.7	585.4	530.7	476.0	421.3	372.1
-75°	700.3	673.0	645.6	612.8	569.0	530.7	487.0	437.7	393.9	355.6	317.3
-77.5°	563.6	541.7	525.3	497.9	465.1	432.2	404.9	372.1	339.2	300.9	262.6
-80°	448.7	437.7	432.2	421.3	393.9	366.6	344.7	317.3	284.5	257.2	229.8
-82.5°	350.2	350.2	344.7	339.2	317.3	295.5	279.0	257.2	235.3	213.4	186.0
-85°	257.2	251.7	251.7	246.2	229.8	218.9	202.4	191.5	175.1	153.2	142.3
-87.5°	153.2	147.7	142.3	136.8	125.8	120.4	109.4	104.0	93.0	82.1	76.6
-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: P722581

CATALOG NUMBER: IFLD-S-SA6D-827-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°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.0	0.0
85°	16.4	10.9	10.9	10.9	10.9	10.9	5.5	5.5	5.5	5.5	5.5
82.5°	32.8	32.8	27.4	27.4	21.9	16.4	10.9	10.9	10.9	5.5	5.5
80°	49.2	49.2	49.2	43.8	38.3	27.4	21.9	16.4	10.9	5.5	5.5
77.5°	60.2	54.7	54.7	49.2	49.2	43.8	32.8	27.4	16.4	10.9	5.5
75°	60.2	60.2	60.2	54.7	54.7	49.2	43.8	32.8	27.4	16.4	10.9
72.5°	65.7	60.2	60.2	60.2	54.7	49.2	43.8	38.3	32.8	21.9	10.9
70°	60.2	60.2	60.2	60.2	54.7	54.7	43.8	38.3	38.3	21.9	16.4
67.5°	60.2	60.2	60.2	54.7	54.7	49.2	43.8	38.3	38.3	27.4	16.4
65°	65.7	60.2	60.2	60.2	54.7	49.2	43.8	38.3	38.3	32.8	21.9
62.5°	71.1	65.7	65.7	60.2	54.7	49.2	43.8	38.3	38.3	32.8	21.9
60°	76.6	71.1	65.7	65.7	60.2	54.7	43.8	43.8	38.3	32.8	21.9
57.5°	82.1	76.6	76.6	71.1	65.7	60.2	49.2	43.8	38.3	32.8	27.4
55°	98.5	87.5	82.1	82.1	76.6	65.7	54.7	43.8	38.3	32.8	27.4
52.5°	131.3	104.0	93.0	93.0	87.5	76.6	60.2	49.2	38.3	32.8	27.4
50°	207.9	131.3	109.4	98.5	98.5	87.5	71.1	54.7	38.3	32.8	27.4
47.5°	328.3	218.9	131.3	114.9	109.4	104.0	82.1	54.7	43.8	32.8	27.4
45°	541.7	322.8	213.4	136.8	114.9	109.4	93.0	60.2	43.8	38.3	27.4
42.5°	744.1	503.4	328.3	164.1	136.8	120.4	98.5	65.7	49.2	38.3	27.4
40°	1170.9	689.4	459.6	268.1	158.7	125.8	109.4	76.6	49.2	38.3	27.4
37.5°	1586.7	913.7	618.3	393.9	180.6	142.3	114.9	82.1	54.7	38.3	32.8
35°	2002.5	1280.3	766.0	525.3	240.7	169.6	120.4	87.5	54.7	38.3	32.8
32.5°	2374.6	1625.0	919.2	656.6	361.1	202.4	131.3	93.0	60.2	43.8	32.8
30°	2681.0	1942.4	1192.8	771.5	470.5	246.2	142.3	93.0	65.7	43.8	32.8
27.5°	2910.8	2188.6	1471.8	891.8	563.6	290.0	164.1	104.0	65.7	43.8	32.8
25°	3096.8	2380.1	1718.0	1017.7	645.6	361.1	197.0	109.4	71.1	49.2	32.8
22.5°	3244.6	2538.7	1920.5	1187.3	744.1	432.2	240.7	120.4	71.1	49.2	32.8
20°	3447.0	2697.4	2057.3	1367.9	848.1	497.9	279.0	131.3	71.1	49.2	38.3
17.5°	3622.1	2856.1	2166.7	1521.1	952.0	547.1	322.8	142.3	76.6	49.2	38.3
15°	3824.5	3009.3	2265.2	1641.4	1050.5	590.9	361.1	153.2	76.6	54.7	38.3
12.5°	4043.4	3151.5	2336.3	1739.9	1154.5	629.2	393.9	175.1	82.1	54.7	38.3
10°	4267.7	3271.9	2396.5	1811.0	1231.1	667.5	415.8	197.0	87.5	54.7	38.3
7.5°	4492.0	3381.3	2473.1	1843.9	1263.9	711.3	426.8	218.9	87.5	60.2	38.3
5°	4645.2	3452.5	2582.5	1865.8	1280.3	760.5	443.2	246.2	93.0	60.2	38.3
2.5°	4776.6	3496.2	2697.4	1882.2	1285.8	787.9	437.7	262.6	98.5	60.2	38.3
0°	4836.7	3496.2	2774.0	1871.2	1269.4	815.2	437.7	279.0	98.5	60.2	38.3
-2.5°	4743.7	3594.7	2752.1	1876.7	1274.8	815.2	459.6	284.5	109.4	65.7	38.3
-5°	4596.0	3633.0	2686.5	1849.3	1263.9	815.2	487.0	290.0	114.9	65.7	43.8
-7.5°	4453.7	3649.4	2609.9	1822.0	1247.5	793.4	492.4	284.5	125.8	71.1	43.8
-10°	4267.7	3468.9	2511.4	1772.7	1214.7	776.9	503.4	284.5	131.3	71.1	43.8
-12.5°	4054.3	3250.0	2391.0	1701.6	1176.4	760.5	508.8	284.5	136.8	76.6	43.8
-15°	3808.1	3025.7	2254.2	1625.0	1121.6	738.6	497.9	279.0	142.3	76.6	49.2
-17.5°	3529.1	2806.8	2112.0	1532.0	1061.5	711.3	476.0	273.6	142.3	76.6	49.2
-20°	3211.7	2588.0	1953.3	1439.0	990.3	678.5	454.1	262.6	142.3	76.6	49.2

REPORT NUMBER: P722581

CATALOG NUMBER: IFLD-S-SA6D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2927.2	2385.5	1789.2	1335.0	913.7	640.2	426.8	251.7	142.3	82.1	49.2
-25°	2691.9	2188.6	1663.3	1231.1	831.7	596.4	399.4	240.7	142.3	82.1	49.2
-27.5°	2445.7	1975.2	1532.0	1132.6	776.9	558.1	372.1	229.8	136.8	82.1	49.2
-30°	2194.0	1767.3	1395.2	1023.2	722.2	519.8	350.2	213.4	136.8	82.1	49.2
-32.5°	1964.2	1597.7	1269.4	913.7	662.0	481.5	328.3	207.9	131.3	82.1	49.2
-35°	1739.9	1444.5	1138.1	826.2	596.4	443.2	306.4	202.4	131.3	82.1	49.2
-37.5°	1553.9	1302.2	1017.7	766.0	558.1	410.4	284.5	191.5	125.8	82.1	49.2
-40°	1400.7	1170.9	902.8	700.3	525.3	377.5	262.6	186.0	125.8	82.1	49.2
-42.5°	1258.4	1045.0	831.7	645.6	492.4	355.6	246.2	180.6	120.4	82.1	49.2
-45°	1132.6	935.6	760.5	596.4	454.1	328.3	235.3	169.6	114.9	82.1	54.7
-47.5°	1006.7	859.0	694.9	552.6	415.8	295.5	224.3	164.1	109.4	76.6	54.7
-50°	908.3	776.9	640.2	503.4	377.5	284.5	213.4	153.2	109.4	76.6	54.7
-52.5°	820.7	700.3	580.0	454.1	344.7	268.1	202.4	142.3	104.0	76.6	54.7
-55°	738.6	629.2	519.8	404.9	322.8	251.7	186.0	131.3	104.0	76.6	54.7
-57.5°	656.6	563.6	459.6	366.6	295.5	235.3	175.1	131.3	104.0	76.6	54.7
-60°	590.9	503.4	415.8	339.2	273.6	213.4	158.7	125.8	98.5	76.6	54.7
-62.5°	536.2	454.1	377.5	306.4	251.7	191.5	153.2	125.8	98.5	76.6	49.2
-65°	481.5	410.4	339.2	279.0	224.3	180.6	147.7	120.4	98.5	76.6	49.2
-67.5°	426.8	361.1	306.4	246.2	207.9	175.1	142.3	120.4	93.0	71.1	49.2
-70°	372.1	317.3	268.1	229.8	197.0	164.1	136.8	114.9	93.0	65.7	43.8
-72.5°	328.3	279.0	240.7	213.4	186.0	158.7	131.3	109.4	87.5	60.2	38.3
-75°	279.0	246.2	218.9	191.5	169.6	147.7	125.8	98.5	76.6	54.7	38.3
-77.5°	235.3	213.4	191.5	175.1	153.2	131.3	109.4	87.5	71.1	49.2	32.8
-80°	202.4	186.0	169.6	153.2	136.8	114.9	98.5	76.6	60.2	43.8	27.4
-82.5°	164.1	153.2	136.8	125.8	114.9	98.5	82.1	65.7	43.8	32.8	21.9
-85°	125.8	114.9	109.4	98.5	87.5	71.1	54.7	43.8	32.8	21.9	10.9
-87.5°	65.7	60.2	54.7	49.2	43.8	32.8	27.4	21.9	16.4	10.9	5.5
-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: P722581

CATALOG NUMBER: IFLD-S-SA6D-827-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°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	5.5	5.5	0.0	0.0
67.5°	10.9	5.5	0.0	0.0
65°	10.9	5.5	0.0	0.0
62.5°	10.9	5.5	0.0	0.0
60°	10.9	5.5	0.0	0.0
57.5°	16.4	5.5	5.5	0.0
55°	16.4	5.5	5.5	0.0
52.5°	16.4	5.5	5.5	0.0
50°	16.4	10.9	5.5	0.0
47.5°	16.4	10.9	5.5	0.0
45°	16.4	10.9	5.5	0.0
42.5°	16.4	10.9	5.5	0.0
40°	21.9	10.9	5.5	0.0
37.5°	21.9	10.9	5.5	0.0
35°	21.9	10.9	5.5	0.0
32.5°	21.9	10.9	5.5	0.0
30°	21.9	10.9	5.5	0.0
27.5°	21.9	16.4	5.5	0.0
25°	21.9	16.4	5.5	0.0
22.5°	27.4	16.4	5.5	0.0
20°	27.4	16.4	5.5	0.0
17.5°	27.4	16.4	5.5	0.0
15°	27.4	16.4	5.5	0.0
12.5°	27.4	16.4	5.5	0.0
10°	27.4	16.4	5.5	0.0
7.5°	27.4	16.4	5.5	0.0
5°	27.4	16.4	5.5	0.0
2.5°	27.4	16.4	5.5	0.0
0°	27.4	16.4	5.5	0.0
-2.5°	27.4	16.4	5.5	0.0
-5°	27.4	16.4	5.5	0.0
-7.5°	27.4	16.4	5.5	0.0
-10°	27.4	16.4	5.5	0.0
-12.5°	32.8	16.4	5.5	0.0
-15°	32.8	16.4	5.5	0.0
-17.5°	32.8	16.4	5.5	0.0
-20°	32.8	16.4	5.5	0.0

REPORT NUMBER: P722581

CATALOG NUMBER: IFLD-S-SA6D-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	32.8	16.4	5.5	0.0
-25°	32.8	16.4	5.5	0.0
-27.5°	32.8	16.4	5.5	0.0
-30°	32.8	16.4	5.5	0.0
-32.5°	32.8	16.4	5.5	0.0
-35°	32.8	16.4	5.5	0.0
-37.5°	32.8	16.4	5.5	0.0
-40°	32.8	16.4	5.5	0.0
-42.5°	27.4	16.4	5.5	0.0
-45°	32.8	16.4	5.5	0.0
-47.5°	32.8	16.4	5.5	0.0
-50°	32.8	16.4	5.5	0.0
-52.5°	32.8	16.4	5.5	0.0
-55°	32.8	16.4	5.5	0.0
-57.5°	32.8	16.4	5.5	0.0
-60°	32.8	16.4	5.5	0.0
-62.5°	27.4	16.4	5.5	0.0
-65°	27.4	10.9	5.5	0.0
-67.5°	27.4	10.9	5.5	0.0
-70°	27.4	10.9	5.5	0.0
-72.5°	21.9	10.9	5.5	0.0
-75°	21.9	10.9	5.5	0.0
-77.5°	16.4	5.5	0.0	0.0
-80°	16.4	5.5	0.0	0.0
-82.5°	10.9	5.5	0.0	0.0
-85°	5.5	5.5	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)