

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: P722489

Luminaire Tested: **IFLD-S-SA3D-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722489
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23832.1 lumens	Max Intensity:	16637.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	129.5 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:	15203.8 lumens	Field Lumens:	22468.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

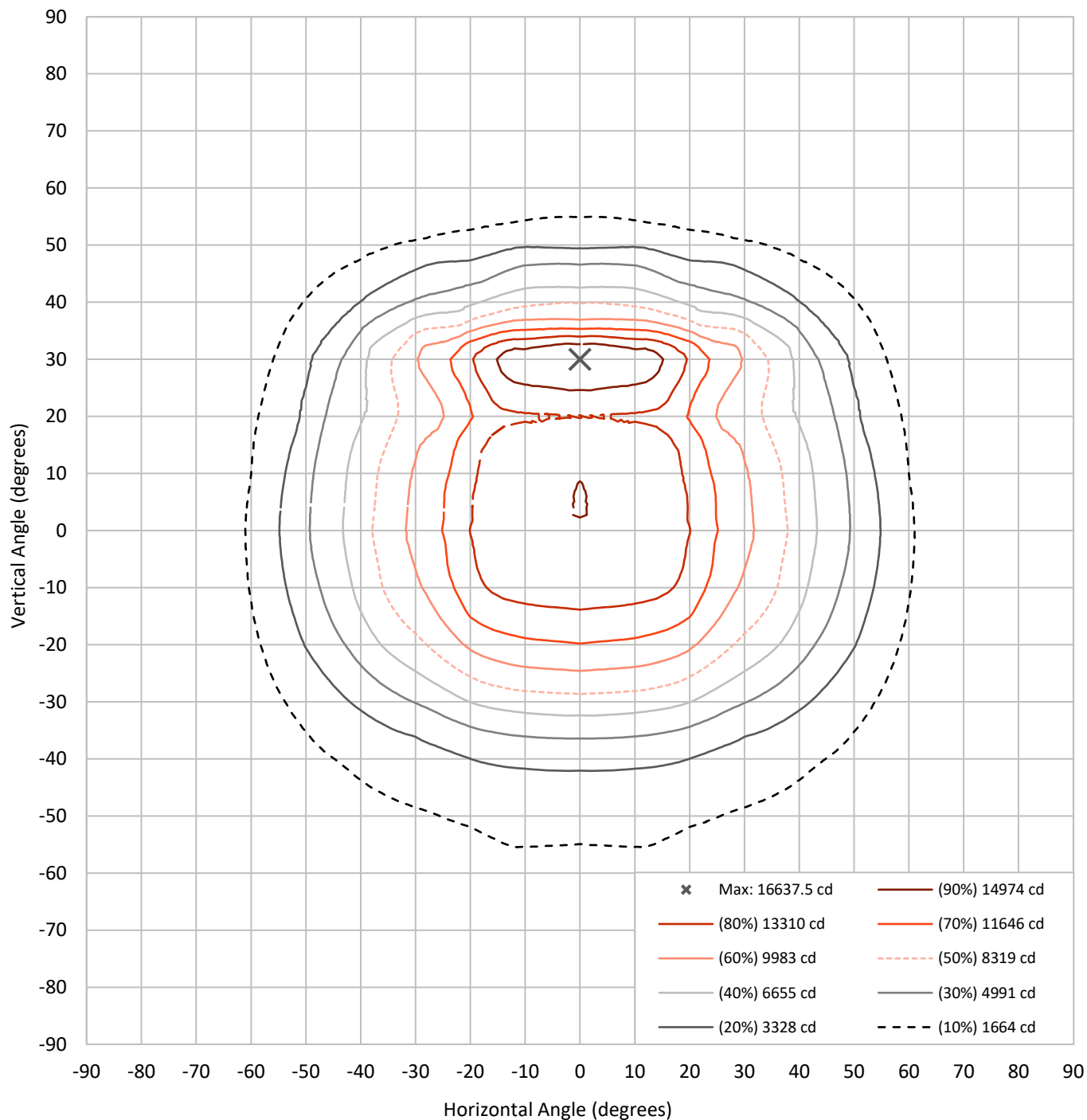
Input Watts (W): 184.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

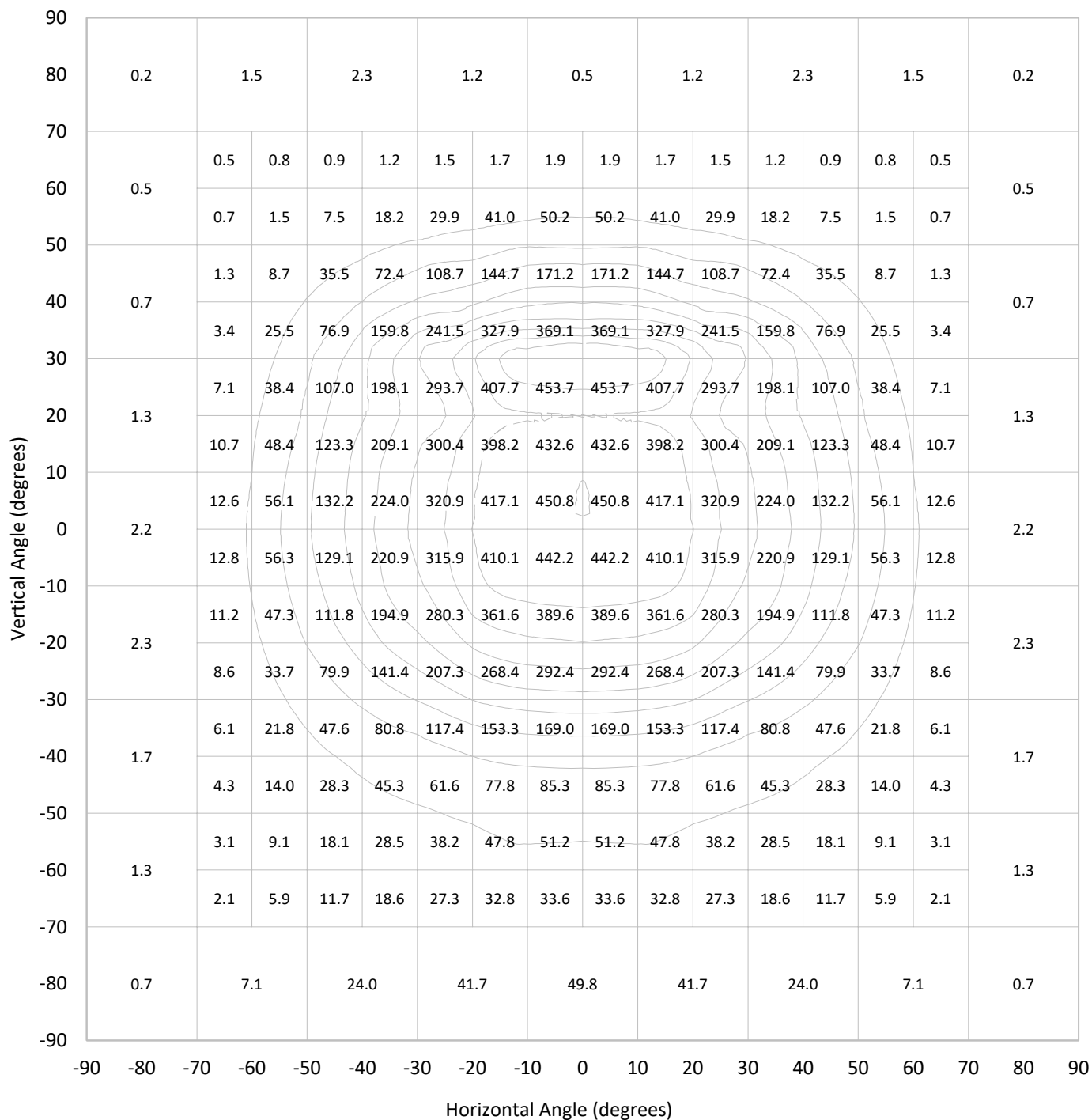
Iso-Candela Plot



REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

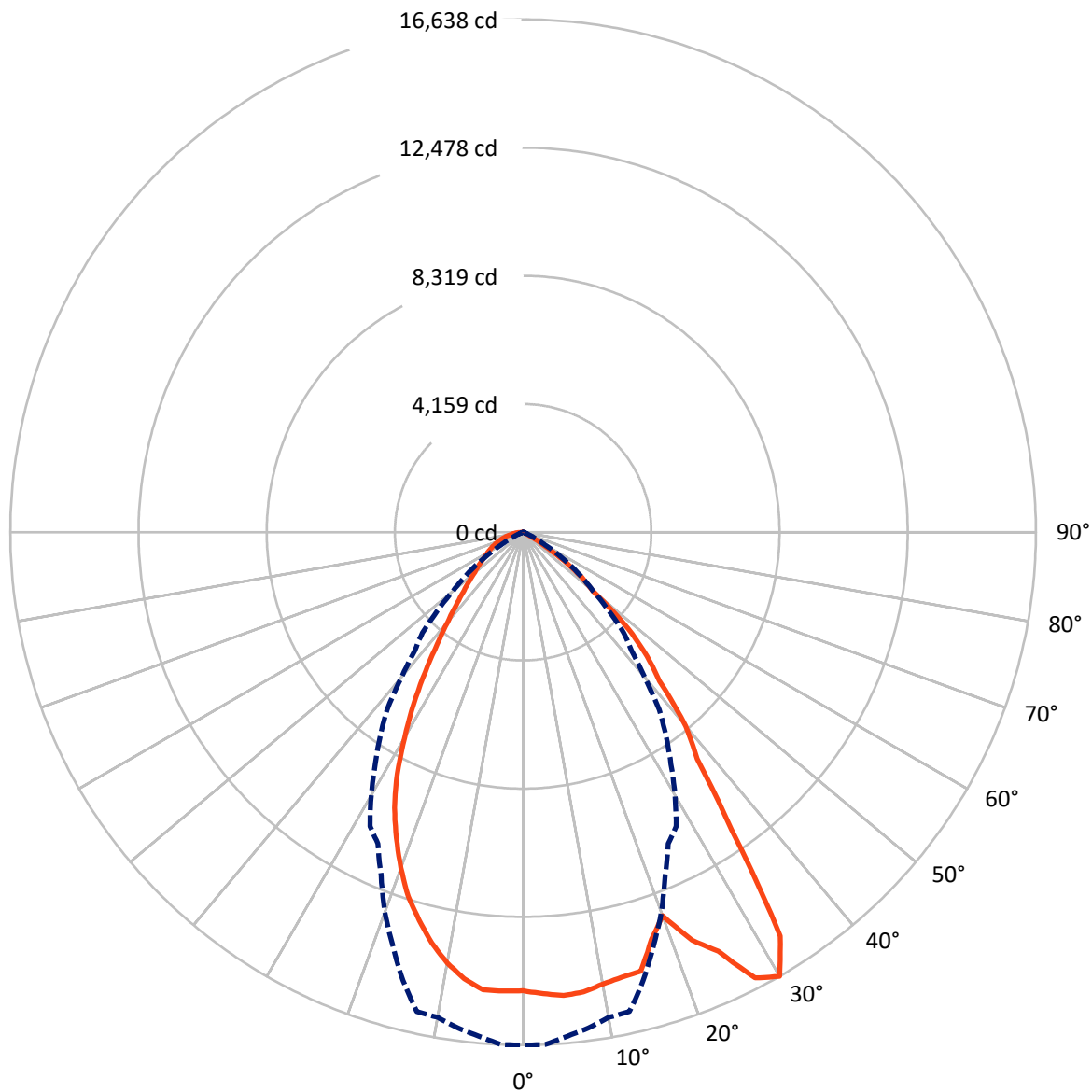
Lumen Table



REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

Luminous Intensity Polar Plot



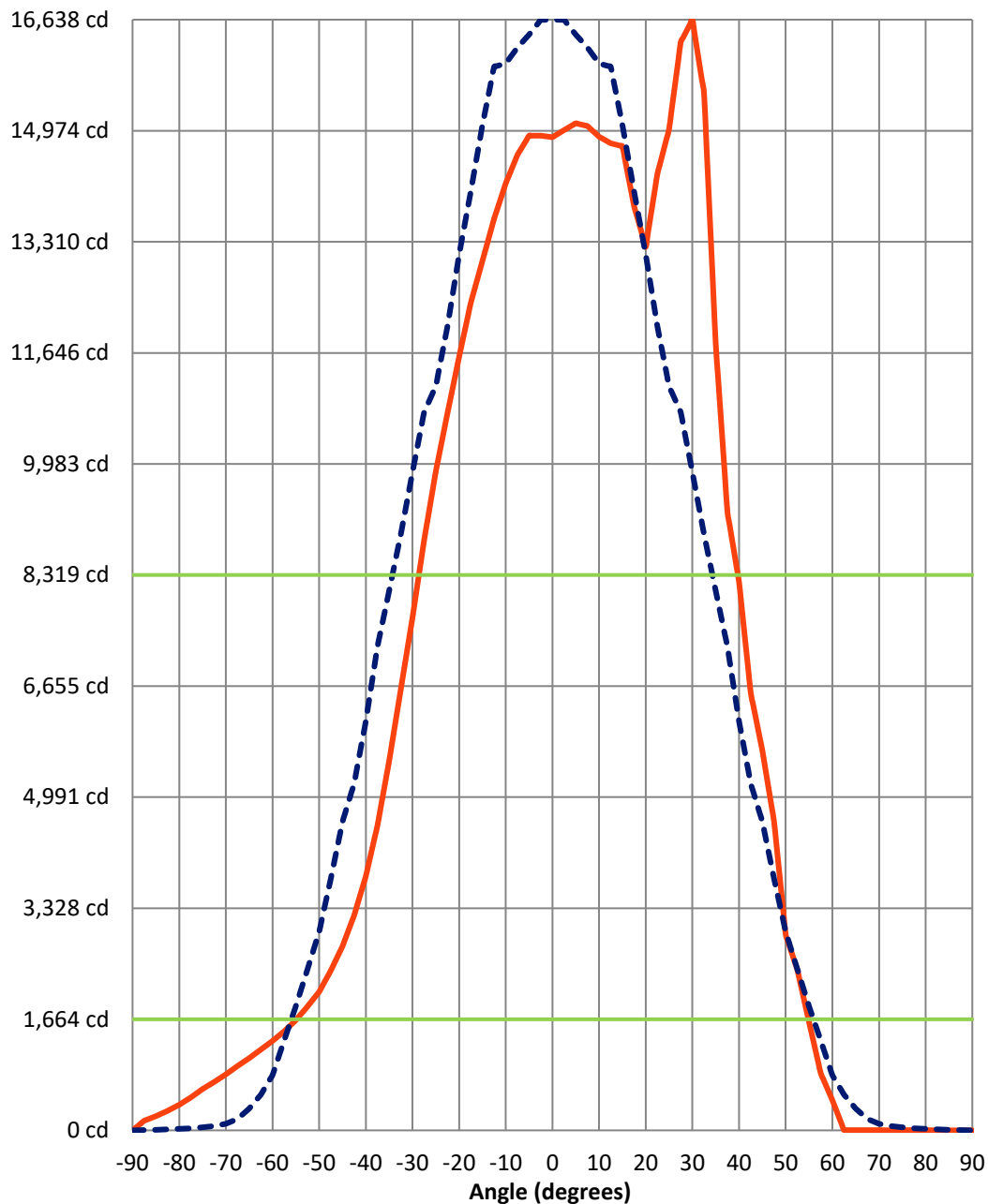
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15203.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22468.3

Efficiency: 94.3%

Spill:

Lumens: 1363.8

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

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	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	3.8	7.6	7.6	7.6	7.6	7.6	7.6	11.4
82.5°	0.0	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.4	11.4	15.2
80°	3.8	3.8	3.8	3.8	7.6	7.6	7.6	11.4	11.4	15.2	15.2
77.5°	3.8	3.8	3.8	7.6	7.6	7.6	11.4	11.4	15.2	15.2	19.0
75°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	11.4	15.2	15.2	19.0
72.5°	0.0	3.8	3.8	7.6	7.6	11.4	11.4	11.4	15.2	15.2	15.2
70°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	11.4	15.2	15.2	15.2
67.5°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	15.2	15.2	15.2	19.0
65°	3.8	3.8	3.8	7.6	11.4	11.4	15.2	19.0	19.0	22.8	26.6
62.5°	3.8	7.6	7.6	11.4	15.2	19.0	41.7	64.5	64.5	45.5	37.9
60°	451.5	489.4	485.7	440.1	383.2	322.5	311.1	299.7	277.0	242.8	254.2
57.5°	857.5	903.0	922.0	910.6	880.2	827.1	796.8	762.6	717.1	664.0	603.3
55°	1623.9	1642.9	1601.1	1521.5	1434.2	1346.9	1316.6	1271.0	1202.8	1134.5	1043.4
52.5°	2401.7	2466.2	2447.2	2367.6	2249.9	2094.4	1923.6	1790.9	1711.2	1635.3	1544.2
50°	2932.9	2959.5	3012.6	3107.4	3141.6	3035.3	2758.4	2401.7	2147.5	2276.5	2177.9
47.5°	4628.9	4761.7	4735.1	4666.8	4553.0	4264.7	3877.6	3558.9	3293.3	3206.1	3221.3
45°	5687.5	5740.6	5721.6	5691.3	5638.1	5368.8	4940.0	4450.6	4203.9	4105.3	4002.9
42.5°	6556.3	6613.2	6624.6	6628.4	6571.5	6324.9	5937.9	5448.4	5201.8	4917.2	4693.4
40°	8214.4	8297.9	8203.0	8077.8	7888.1	7607.3	7227.9	6776.4	6340.1	5991.0	5725.4
37.5°	9273.0	9375.4	9413.3	9405.8	9364.0	9242.6	8775.9	8347.2	7679.4	6897.8	7038.2
35°	11784.7	11890.9	11860.6	11746.8	11686.1	11557.1	11101.8	10593.3	9754.8	8904.9	8677.3
32.5°	15529.6	15761.0	15328.5	14854.2	14562.0	14664.5	14201.6	12957.1	12570.1	11037.3	10327.7
30°	16637.5	16633.7	16413.6	16220.1	15981.1	15931.7	15059.1	14065.0	13116.5	12042.7	11147.3
27.5°	16299.8	16231.5	16045.6	15905.2	15681.3	15563.7	14710.0	13920.8	12824.3	11864.4	10999.3
25°	14998.4	15051.5	14861.8	14835.2	14748.0	14520.3	14095.4	13207.5	12228.6	11166.3	10544.0
22.5°	14326.8	14307.8	14080.2	13947.4	14053.6	13810.8	13640.1	12744.6	11724.0	10828.6	10081.1
20°	13234.1	13237.9	13181.0	13169.6	13105.1	12995.0	12858.5	12224.8	11503.9	10737.5	9838.3
17.5°	13844.9	14000.5	14068.8	13503.5	13662.8	13537.6	13393.4	12509.4	11966.8	11287.7	10115.3
15°	14740.4	14683.5	14615.2	14584.8	14497.5	14379.9	14118.1	13412.4	12479.0	11777.1	10862.7
12.5°	14785.9	14675.9	14649.3	14645.5	14554.5	14391.3	14137.1	13552.8	12725.7	11872.0	11128.3
10°	14884.5	14770.7	14755.5	14774.5	14634.1	14531.7	14277.5	13734.9	12801.5	12035.1	11333.2
7.5°	15043.9	14854.2	14941.5	14884.5	14820.0	14656.9	14383.7	13852.5	13078.5	12251.4	11515.3
5°	15085.6	14877.0	14971.8	14918.7	14823.8	14664.5	14368.5	13928.4	13249.3	12338.7	11587.4
2.5°	14983.2	14922.5	14880.8	14782.1	14740.4	14565.8	14285.1	13814.6	13169.6	12300.7	11572.2
0°	14877.0	14930.1	14835.2	14736.6	14717.6	14577.2	14338.2	13913.2	13355.5	12406.9	11701.2
-2.5°	14899.7	14858.0	14793.5	14691.0	14592.4	14391.3	14175.0	13776.6	13177.2	12175.5	11519.1
-5°	14899.7	14706.2	14713.8	14717.6	14619.0	14410.3	14148.5	13810.8	13070.9	12171.7	11466.0
-7.5°	14611.4	14444.4	14417.9	14395.1	14368.5	14175.0	13970.1	13549.0	12892.6	12073.1	11318.0
-10°	14186.4	14023.3	14038.4	14004.3	13920.8	13791.8	13636.3	13256.8	12718.1	11761.9	11018.3
-12.5°	13655.2	13583.1	13541.4	13484.5	13401.0	13287.2	13127.8	12771.2	12194.5	11378.7	10673.0
-15°	13025.4	12972.3	12934.3	12900.2	12778.8	12661.2	12452.5	12122.4	11761.9	10885.5	10164.6
-17.5°	12395.6	12262.8	12209.7	12164.1	12084.4	11894.7	11705.0	11458.4	10953.8	10259.4	9641.0
-20°	11587.4	11507.7	11443.2	11382.5	11268.7	11120.7	10965.2	10680.6	10244.3	9682.7	9041.5

REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10741.3	10695.8	10642.7	10566.8	10490.9	10350.5	10134.2	9861.1	9519.6	8912.5	8313.0
-25°	9868.6	9781.4	9716.9	9644.8	9584.1	9455.1	9246.4	8984.6	8555.9	8032.3	7531.4
-27.5°	8840.4	8757.0	8722.8	8639.3	8586.2	8468.6	8259.9	8017.1	7630.1	7190.0	6681.5
-30°	7679.4	7694.6	7656.6	7577.0	7512.5	7360.7	7201.3	6996.5	6692.9	6271.8	5816.5
-32.5°	6605.7	6624.6	6579.1	6495.6	6412.2	6302.1	6154.2	5968.2	5740.6	5338.4	4943.8
-35°	5531.9	5524.3	5486.4	5437.1	5380.1	5289.1	5122.1	4981.8	4720.0	4439.2	4166.0
-37.5°	4568.2	4587.2	4575.8	4549.2	4484.7	4408.8	4272.2	4143.2	3949.7	3703.1	3490.6
-40°	3805.6	3828.3	3813.1	3786.6	3729.7	3684.1	3593.1	3479.3	3323.7	3111.2	2932.9
-42.5°	3221.3	3236.4	3217.5	3194.7	3145.4	3111.2	3039.1	2944.3	2815.3	2652.1	2492.8
-45°	2758.4	2762.2	2743.2	2728.0	2690.1	2648.3	2587.6	2511.7	2409.3	2295.5	2166.5
-47.5°	2394.1	2390.3	2371.4	2356.2	2325.8	2287.9	2238.6	2170.3	2090.6	2003.3	1900.9
-50°	2075.4	2094.4	2086.8	2071.6	2048.9	2022.3	1973.0	1900.9	1821.2	1756.7	1684.6
-52.5°	1855.4	1859.1	1855.4	1855.4	1851.6	1832.6	1775.7	1703.6	1616.3	1559.4	1498.7
-55°	1650.5	1669.4	1677.0	1684.6	1688.4	1688.4	1620.1	1544.2	1460.8	1403.8	1358.3
-57.5°	1483.5	1494.9	1502.5	1521.5	1536.6	1548.0	1487.3	1419.0	1354.5	1301.4	1259.7
-60°	1339.3	1354.5	1365.9	1384.9	1396.3	1403.8	1365.9	1320.4	1282.4	1248.3	1187.6
-62.5°	1210.3	1221.7	1233.1	1244.5	1255.9	1263.5	1248.3	1225.5	1206.5	1191.4	1115.5
-65°	1081.3	1092.7	1104.1	1119.3	1130.7	1138.3	1134.5	1119.3	1104.1	1088.9	1020.6
-67.5°	963.7	975.1	990.3	994.1	1001.7	1005.5	997.9	986.5	967.5	948.5	895.4
-70°	838.5	846.1	853.7	853.7	853.7	849.9	842.3	827.1	808.2	781.6	739.9
-72.5°	724.7	732.3	739.9	728.5	720.9	709.5	698.1	679.2	660.2	641.2	618.5
-75°	618.5	622.2	622.2	607.1	595.7	584.3	569.1	557.7	538.8	523.6	504.6
-77.5°	493.2	493.2	493.2	481.9	474.3	466.7	455.3	443.9	428.7	417.4	402.2
-80°	383.2	383.2	383.2	379.4	368.0	360.4	352.9	345.3	333.9	326.3	318.7
-82.5°	292.2	292.2	292.2	288.4	280.8	277.0	269.4	261.8	258.0	250.4	246.6
-85°	212.5	216.3	216.3	212.5	208.7	201.1	197.3	193.5	189.7	185.9	178.3
-87.5°	144.2	144.2	144.2	140.4	136.6	136.6	132.8	125.2	117.6	113.8	110.0
-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: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	11.4	11.4	11.4	15.2	15.2	15.2	15.2	15.2	15.2	15.2	11.4
82.5°	19.0	19.0	22.8	22.8	26.6	26.6	26.6	26.6	26.6	26.6	26.6
80°	19.0	22.8	26.6	30.4	34.1	37.9	37.9	37.9	37.9	34.1	34.1
77.5°	22.8	22.8	26.6	30.4	34.1	37.9	41.7	45.5	41.7	41.7	41.7
75°	22.8	26.6	26.6	30.4	34.1	37.9	41.7	45.5	45.5	45.5	45.5
72.5°	19.0	22.8	26.6	30.4	30.4	34.1	37.9	37.9	41.7	41.7	45.5
70°	19.0	22.8	26.6	26.6	30.4	30.4	34.1	37.9	37.9	41.7	41.7
67.5°	22.8	26.6	26.6	30.4	34.1	34.1	34.1	37.9	37.9	41.7	41.7
65°	26.6	30.4	30.4	34.1	37.9	37.9	41.7	41.7	41.7	45.5	45.5
62.5°	45.5	45.5	45.5	41.7	45.5	45.5	45.5	49.3	49.3	45.5	49.3
60°	235.2	170.7	117.6	148.0	132.8	60.7	60.7	60.7	56.9	56.9	53.1
57.5°	553.9	516.0	443.9	375.6	337.7	299.7	185.9	75.9	75.9	68.3	60.7
55°	925.8	800.6	747.5	656.4	557.7	512.2	424.9	288.4	136.6	91.1	79.7
52.5°	1434.2	1316.6	1180.0	994.1	861.3	755.0	683.0	542.6	364.2	193.5	121.4
50°	1919.9	1866.7	1783.3	1601.1	1324.2	1145.8	1028.2	868.9	652.6	398.4	227.7
47.5°	3092.3	2648.3	2378.9	2238.6	2007.1	1669.4	1441.8	1263.5	1001.7	671.6	402.2
45°	3892.8	3612.1	3183.3	2887.4	2545.9	2189.2	1893.3	1688.4	1377.3	1005.5	629.8
42.5°	4579.6	4336.7	3949.7	3517.2	3156.8	2690.1	2310.7	2041.3	1779.5	1373.5	941.0
40°	5463.6	5175.3	4803.4	4382.3	3961.1	3365.4	2750.8	2424.5	2136.1	1775.7	1271.0
37.5°	6920.6	6412.2	5805.1	5338.4	4788.2	4283.6	3441.3	2864.6	2523.1	2147.5	1658.1
35°	8673.5	8115.7	7102.7	6484.2	5748.2	4996.9	4238.1	3384.4	2898.7	2500.4	2014.7
32.5°	10305.0	9489.2	8191.6	7466.9	6977.5	5592.6	4807.2	4067.4	3285.8	2796.3	2219.6
30°	10756.5	9857.3	8927.7	8081.6	7246.9	6127.6	5198.0	4621.3	3771.4	2974.6	2413.1
27.5°	10301.2	9682.7	8961.8	8176.4	7273.4	6313.5	5437.1	4886.9	4128.1	3096.0	2564.9
25°	9838.3	9193.3	8688.7	8032.3	7197.5	6302.1	5444.6	5053.8	4405.0	3331.3	2648.3
22.5°	9348.8	8946.7	8529.3	7797.0	7007.8	6336.3	5691.3	5198.0	4549.2	3596.9	2682.5
20°	9375.4	9113.6	8654.5	7675.6	6973.7	6537.4	5987.2	5380.1	4704.8	3828.3	2709.0
17.5°	9800.4	9458.9	8882.2	8032.3	7281.0	6742.2	6233.8	5630.6	4864.1	4033.2	3031.5
15°	10323.9	9804.1	9200.9	8453.4	7603.5	6966.1	6423.5	5805.1	5046.3	4222.9	3319.9
12.5°	10703.4	9963.5	9398.2	8722.8	7952.6	7208.9	6548.7	5937.9	5217.0	4378.5	3536.2
10°	10832.4	10160.8	9493.0	8889.8	8130.9	7337.9	6643.6	6021.4	5365.0	4499.9	3695.5
7.5°	10900.7	10331.5	9557.5	8965.6	8237.2	7417.6	6719.5	6066.9	5482.6	4583.4	3798.0
5°	10893.1	10422.6	9606.8	8988.4	8294.1	7451.8	6772.6	6078.3	5566.1	4655.5	3858.7
2.5°	10858.9	10483.3	9686.5	9026.3	8407.9	7516.3	6875.0	6101.0	5596.4	4735.1	3900.4
0°	10984.1	10487.1	9770.0	9037.7	8483.8	7539.0	6920.6	6082.1	5554.7	4757.9	3896.6
-2.5°	10714.7	10263.2	9751.0	8939.1	8381.3	7485.9	6837.1	6021.4	5463.6	4731.3	3881.4
-5°	10669.2	10100.1	9591.7	8848.0	8210.6	7375.9	6681.5	5907.5	5319.4	4644.1	3820.7
-7.5°	10547.8	9944.5	9436.1	8775.9	8051.2	7262.0	6533.6	5789.9	5163.9	4507.5	3733.5
-10°	10282.2	9705.5	9269.2	8620.4	7857.7	7098.9	6355.2	5634.3	4981.8	4321.6	3596.9
-12.5°	9902.8	9326.1	8893.5	8290.3	7614.9	6878.8	6142.8	5433.3	4773.1	4124.3	3433.7
-15°	9474.1	8889.8	8457.2	7907.1	7254.5	6537.4	5873.4	5179.0	4534.0	3915.6	3240.2
-17.5°	8988.4	8434.4	8017.1	7482.1	6833.3	6150.4	5490.2	4860.3	4257.1	3699.3	3016.4
-20°	8426.9	7888.1	7504.9	6969.9	6374.2	5710.2	5069.0	4473.3	3930.8	3407.2	2769.7

REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-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°	7732.5	7258.3	6821.9	6343.9	5824.1	5217.0	4621.3	4093.9	3574.1	3061.9	2515.5
-25°	7023.0	6563.9	6139.0	5702.6	5205.6	4682.0	4173.6	3695.5	3187.1	2724.2	2268.9
-27.5°	6233.8	5824.1	5444.6	5042.5	4587.2	4135.6	3718.3	3251.6	2811.5	2416.9	2026.1
-30°	5391.5	5057.6	4727.5	4370.9	4002.9	3623.4	3251.6	2811.5	2466.2	2151.3	1821.2
-32.5°	4583.4	4283.6	4018.0	3752.4	3433.7	3122.6	2792.5	2466.2	2177.9	1900.9	1623.9
-35°	3873.9	3555.1	3407.2	3194.7	2940.5	2659.7	2390.3	2162.7	1931.2	1680.8	1434.2
-37.5°	3259.2	3054.3	2879.8	2720.4	2519.3	2276.5	2083.0	1897.1	1703.6	1475.9	1263.5
-40°	2777.3	2629.4	2454.8	2337.2	2174.1	1999.5	1806.0	1650.5	1487.3	1301.4	1126.9
-42.5°	2390.3	2268.9	2155.1	2029.9	1908.5	1760.5	1593.6	1445.6	1297.6	1161.0	1016.8
-45°	2071.6	1984.4	1893.3	1790.9	1684.6	1555.6	1419.0	1267.3	1161.0	1039.6	918.2
-47.5°	1809.8	1745.3	1669.4	1589.8	1498.7	1384.9	1259.7	1149.6	1039.6	937.2	819.5
-50°	1601.1	1540.4	1479.7	1411.4	1331.8	1233.1	1138.3	1035.8	933.4	834.7	724.7
-52.5°	1426.6	1373.5	1324.2	1267.3	1191.4	1107.9	1020.6	929.6	834.7	736.1	648.8
-55°	1305.2	1244.5	1195.2	1138.3	1070.0	990.3	910.6	827.1	736.1	660.2	588.1
-57.5°	1206.5	1138.3	1081.3	1020.6	952.3	884.0	812.0	736.1	667.8	595.7	527.4
-60°	1123.1	1043.4	978.9	918.2	853.7	789.2	728.5	664.0	599.5	535.0	466.7
-62.5°	1035.8	952.3	872.7	815.7	766.4	709.5	656.4	595.7	538.8	474.3	424.9
-65°	937.2	857.5	781.6	732.3	686.7	637.4	588.1	535.0	485.7	436.3	390.8
-67.5°	827.1	758.8	705.7	660.2	614.7	572.9	527.4	481.9	440.1	390.8	345.3
-70°	694.3	656.4	626.0	591.9	550.2	512.2	470.5	428.7	383.2	341.5	299.7
-72.5°	591.9	569.1	546.4	512.2	474.3	440.1	406.0	368.0	330.1	292.2	258.0
-75°	485.7	466.7	447.7	424.9	394.6	368.0	337.7	303.5	273.2	246.6	220.1
-77.5°	390.8	375.6	364.2	345.3	322.5	299.7	280.8	258.0	235.2	208.7	182.1
-80°	311.1	303.5	299.7	292.2	273.2	254.2	239.0	220.1	197.3	178.3	159.4
-82.5°	242.8	242.8	239.0	235.2	220.1	204.9	193.5	178.3	163.1	148.0	129.0
-85°	178.3	174.5	174.5	170.7	159.4	151.8	140.4	132.8	121.4	106.2	98.6
-87.5°	106.2	102.4	98.6	94.9	87.3	83.5	75.9	72.1	64.5	56.9	53.1
-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: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	11.4	7.6	7.6	7.6	7.6	7.6	3.8	3.8	3.8	3.8	3.8
82.5°	22.8	22.8	19.0	19.0	15.2	11.4	7.6	7.6	7.6	3.8	3.8
80°	34.1	34.1	34.1	30.4	26.6	19.0	15.2	11.4	7.6	3.8	3.8
77.5°	41.7	37.9	37.9	34.1	34.1	30.4	22.8	19.0	11.4	7.6	3.8
75°	41.7	41.7	41.7	37.9	37.9	34.1	30.4	22.8	19.0	11.4	7.6
72.5°	45.5	41.7	41.7	41.7	37.9	34.1	30.4	26.6	22.8	15.2	7.6
70°	41.7	41.7	41.7	41.7	37.9	37.9	30.4	26.6	26.6	15.2	11.4
67.5°	41.7	41.7	41.7	37.9	37.9	34.1	30.4	26.6	26.6	19.0	11.4
65°	45.5	41.7	41.7	41.7	37.9	34.1	30.4	26.6	26.6	22.8	15.2
62.5°	49.3	45.5	45.5	41.7	37.9	34.1	30.4	26.6	26.6	22.8	15.2
60°	53.1	49.3	45.5	45.5	41.7	37.9	30.4	30.4	26.6	22.8	15.2
57.5°	56.9	53.1	53.1	49.3	45.5	41.7	34.1	30.4	26.6	22.8	19.0
55°	68.3	60.7	56.9	56.9	53.1	45.5	37.9	30.4	26.6	22.8	19.0
52.5°	91.1	72.1	64.5	64.5	60.7	53.1	41.7	34.1	26.6	22.8	19.0
50°	144.2	91.1	75.9	68.3	68.3	60.7	49.3	37.9	26.6	22.8	19.0
47.5°	227.7	151.8	91.1	79.7	75.9	72.1	56.9	37.9	30.4	22.8	19.0
45°	375.6	223.9	148.0	94.9	79.7	75.9	64.5	41.7	30.4	26.6	19.0
42.5°	516.0	349.1	227.7	113.8	94.9	83.5	68.3	45.5	34.1	26.6	19.0
40°	812.0	478.1	318.7	185.9	110.0	87.3	75.9	53.1	34.1	26.6	19.0
37.5°	1100.3	633.6	428.7	273.2	125.2	98.6	79.7	56.9	37.9	26.6	22.8
35°	1388.7	887.8	531.2	364.2	166.9	117.6	83.5	60.7	37.9	26.6	22.8
32.5°	1646.7	1126.9	637.4	455.3	250.4	140.4	91.1	64.5	41.7	30.4	22.8
30°	1859.1	1346.9	827.1	535.0	326.3	170.7	98.6	64.5	45.5	30.4	22.8
27.5°	2018.5	1517.7	1020.6	618.5	390.8	201.1	113.8	72.1	45.5	30.4	22.8
25°	2147.5	1650.5	1191.4	705.7	447.7	250.4	136.6	75.9	49.3	34.1	22.8
22.5°	2249.9	1760.5	1331.8	823.3	516.0	299.7	166.9	83.5	49.3	34.1	22.8
20°	2390.3	1870.5	1426.6	948.5	588.1	345.3	193.5	91.1	49.3	34.1	26.6
17.5°	2511.7	1980.6	1502.5	1054.8	660.2	379.4	223.9	98.6	53.1	34.1	26.6
15°	2652.1	2086.8	1570.8	1138.3	728.5	409.8	250.4	106.2	53.1	37.9	26.6
12.5°	2803.9	2185.4	1620.1	1206.5	800.6	436.3	273.2	121.4	56.9	37.9	26.6
10°	2959.5	2268.9	1661.8	1255.9	853.7	462.9	288.4	136.6	60.7	37.9	26.6
7.5°	3115.0	2344.8	1715.0	1278.6	876.5	493.2	295.9	151.8	60.7	41.7	26.6
5°	3221.3	2394.1	1790.9	1293.8	887.8	527.4	307.3	170.7	64.5	41.7	26.6
2.5°	3312.3	2424.5	1870.5	1305.2	891.6	546.4	303.5	182.1	68.3	41.7	26.6
0°	3354.1	2424.5	1923.6	1297.6	880.2	565.3	303.5	193.5	68.3	41.7	26.6
-2.5°	3289.5	2492.8	1908.5	1301.4	884.0	565.3	318.7	197.3	75.9	45.5	26.6
-5°	3187.1	2519.3	1862.9	1282.4	876.5	565.3	337.7	201.1	79.7	45.5	30.4
-7.5°	3088.5	2530.7	1809.8	1263.5	865.1	550.2	341.5	197.3	87.3	49.3	30.4
-10°	2959.5	2405.5	1741.5	1229.3	842.3	538.8	349.1	197.3	91.1	49.3	30.4
-12.5°	2811.5	2253.7	1658.1	1180.0	815.7	527.4	352.9	197.3	94.9	53.1	30.4
-15°	2640.7	2098.2	1563.2	1126.9	777.8	512.2	345.3	193.5	98.6	53.1	34.1
-17.5°	2447.2	1946.4	1464.6	1062.4	736.1	493.2	330.1	189.7	98.6	53.1	34.1
-20°	2227.2	1794.6	1354.5	997.9	686.7	470.5	314.9	182.1	98.6	53.1	34.1



REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2029.9	1654.3	1240.7	925.8	633.6	443.9	295.9	174.5	98.6	56.9	34.1
-25°	1866.7	1517.7	1153.4	853.7	576.7	413.6	277.0	166.9	98.6	56.9	34.1
-27.5°	1696.0	1369.7	1062.4	785.4	538.8	387.0	258.0	159.4	94.9	56.9	34.1
-30°	1521.5	1225.5	967.5	709.5	500.8	360.4	242.8	148.0	94.9	56.9	34.1
-32.5°	1362.1	1107.9	880.2	633.6	459.1	333.9	227.7	144.2	91.1	56.9	34.1
-35°	1206.5	1001.7	789.2	572.9	413.6	307.3	212.5	140.4	91.1	56.9	34.1
-37.5°	1077.5	903.0	705.7	531.2	387.0	284.6	197.3	132.8	87.3	56.9	34.1
-40°	971.3	812.0	626.0	485.7	364.2	261.8	182.1	129.0	87.3	56.9	34.1
-42.5°	872.7	724.7	576.7	447.7	341.5	246.6	170.7	125.2	83.5	56.9	34.1
-45°	785.4	648.8	527.4	413.6	314.9	227.7	163.1	117.6	79.7	56.9	37.9
-47.5°	698.1	595.7	481.9	383.2	288.4	204.9	155.6	113.8	75.9	53.1	37.9
-50°	629.8	538.8	443.9	349.1	261.8	197.3	148.0	106.2	75.9	53.1	37.9
-52.5°	569.1	485.7	402.2	314.9	239.0	185.9	140.4	98.6	72.1	53.1	37.9
-55°	512.2	436.3	360.4	280.8	223.9	174.5	129.0	91.1	72.1	53.1	37.9
-57.5°	455.3	390.8	318.7	254.2	204.9	163.1	121.4	91.1	72.1	53.1	37.9
-60°	409.8	349.1	288.4	235.2	189.7	148.0	110.0	87.3	68.3	53.1	37.9
-62.5°	371.8	314.9	261.8	212.5	174.5	132.8	106.2	87.3	68.3	53.1	34.1
-65°	333.9	284.6	235.2	193.5	155.6	125.2	102.4	83.5	68.3	53.1	34.1
-67.5°	295.9	250.4	212.5	170.7	144.2	121.4	98.6	83.5	64.5	49.3	34.1
-70°	258.0	220.1	185.9	159.4	136.6	113.8	94.9	79.7	64.5	45.5	30.4
-72.5°	227.7	193.5	166.9	148.0	129.0	110.0	91.1	75.9	60.7	41.7	26.6
-75°	193.5	170.7	151.8	132.8	117.6	102.4	87.3	68.3	53.1	37.9	26.6
-77.5°	163.1	148.0	132.8	121.4	106.2	91.1	75.9	60.7	49.3	34.1	22.8
-80°	140.4	129.0	117.6	106.2	94.9	79.7	68.3	53.1	41.7	30.4	19.0
-82.5°	113.8	106.2	94.9	87.3	79.7	68.3	56.9	45.5	30.4	22.8	15.2
-85°	87.3	79.7	75.9	68.3	60.7	49.3	37.9	30.4	22.8	15.2	7.6
-87.5°	45.5	41.7	37.9	34.1	30.4	22.8	19.0	15.2	11.4	7.6	3.8
-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: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	7.6	3.8	0.0	0.0
65°	7.6	3.8	0.0	0.0
62.5°	7.6	3.8	0.0	0.0
60°	7.6	3.8	0.0	0.0
57.5°	11.4	3.8	3.8	0.0
55°	11.4	3.8	3.8	0.0
52.5°	11.4	3.8	3.8	0.0
50°	11.4	7.6	3.8	0.0
47.5°	11.4	7.6	3.8	0.0
45°	11.4	7.6	3.8	0.0
42.5°	11.4	7.6	3.8	0.0
40°	15.2	7.6	3.8	0.0
37.5°	15.2	7.6	3.8	0.0
35°	15.2	7.6	3.8	0.0
32.5°	15.2	7.6	3.8	0.0
30°	15.2	7.6	3.8	0.0
27.5°	15.2	11.4	3.8	0.0
25°	15.2	11.4	3.8	0.0
22.5°	19.0	11.4	3.8	0.0
20°	19.0	11.4	3.8	0.0
17.5°	19.0	11.4	3.8	0.0
15°	19.0	11.4	3.8	0.0
12.5°	19.0	11.4	3.8	0.0
10°	19.0	11.4	3.8	0.0
7.5°	19.0	11.4	3.8	0.0
5°	19.0	11.4	3.8	0.0
2.5°	19.0	11.4	3.8	0.0
0°	19.0	11.4	3.8	0.0
-2.5°	19.0	11.4	3.8	0.0
-5°	19.0	11.4	3.8	0.0
-7.5°	19.0	11.4	3.8	0.0
-10°	19.0	11.4	3.8	0.0
-12.5°	22.8	11.4	3.8	0.0
-15°	22.8	11.4	3.8	0.0
-17.5°	22.8	11.4	3.8	0.0
-20°	22.8	11.4	3.8	0.0

REPORT NUMBER: P722489

CATALOG NUMBER: IFLD-S-SA3D-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.8	11.4	3.8	0.0
-25°	22.8	11.4	3.8	0.0
-27.5°	22.8	11.4	3.8	0.0
-30°	22.8	11.4	3.8	0.0
-32.5°	22.8	11.4	3.8	0.0
-35°	22.8	11.4	3.8	0.0
-37.5°	22.8	11.4	3.8	0.0
-40°	22.8	11.4	3.8	0.0
-42.5°	19.0	11.4	3.8	0.0
-45°	22.8	11.4	3.8	0.0
-47.5°	22.8	11.4	3.8	0.0
-50°	22.8	11.4	3.8	0.0
-52.5°	22.8	11.4	3.8	0.0
-55°	22.8	11.4	3.8	0.0
-57.5°	22.8	11.4	3.8	0.0
-60°	22.8	11.4	3.8	0.0
-62.5°	19.0	11.4	3.8	0.0
-65°	19.0	7.6	3.8	0.0
-67.5°	19.0	7.6	3.8	0.0
-70°	19.0	7.6	3.8	0.0
-72.5°	15.2	7.6	3.8	0.0
-75°	15.2	7.6	3.8	0.0
-77.5°	11.4	3.8	0.0	0.0
-80°	11.4	3.8	0.0	0.0
-82.5°	7.6	3.8	0.0	0.0
-85°	3.8	3.8	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)