

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: P722491

Luminaire Tested: **IFLD-S-SA6A-740-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722491
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-740-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	27598 lumens	Max Intensity:	19266.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	145.6 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:	17606.3 lumens	Field Lumens:	26018.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

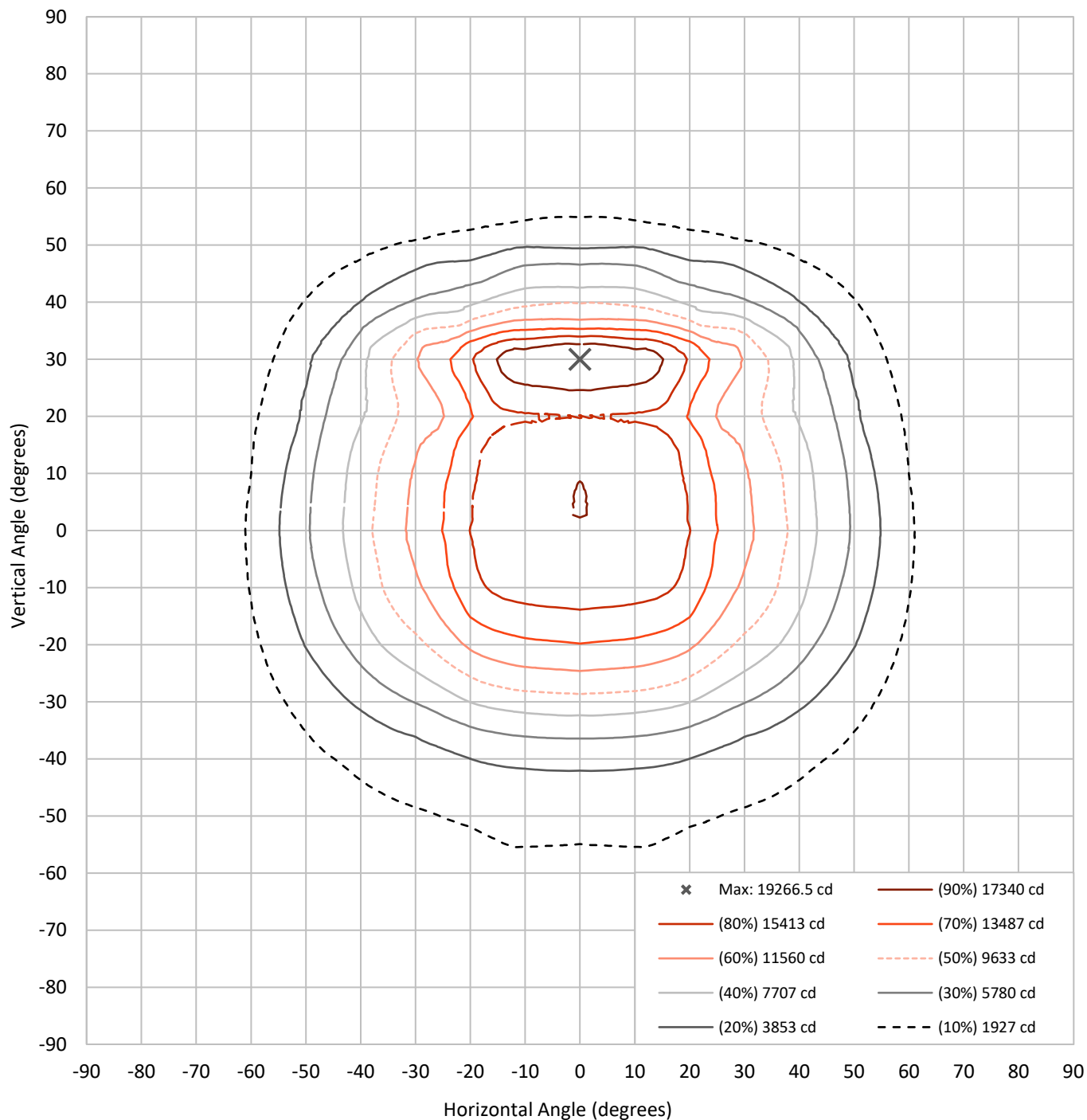
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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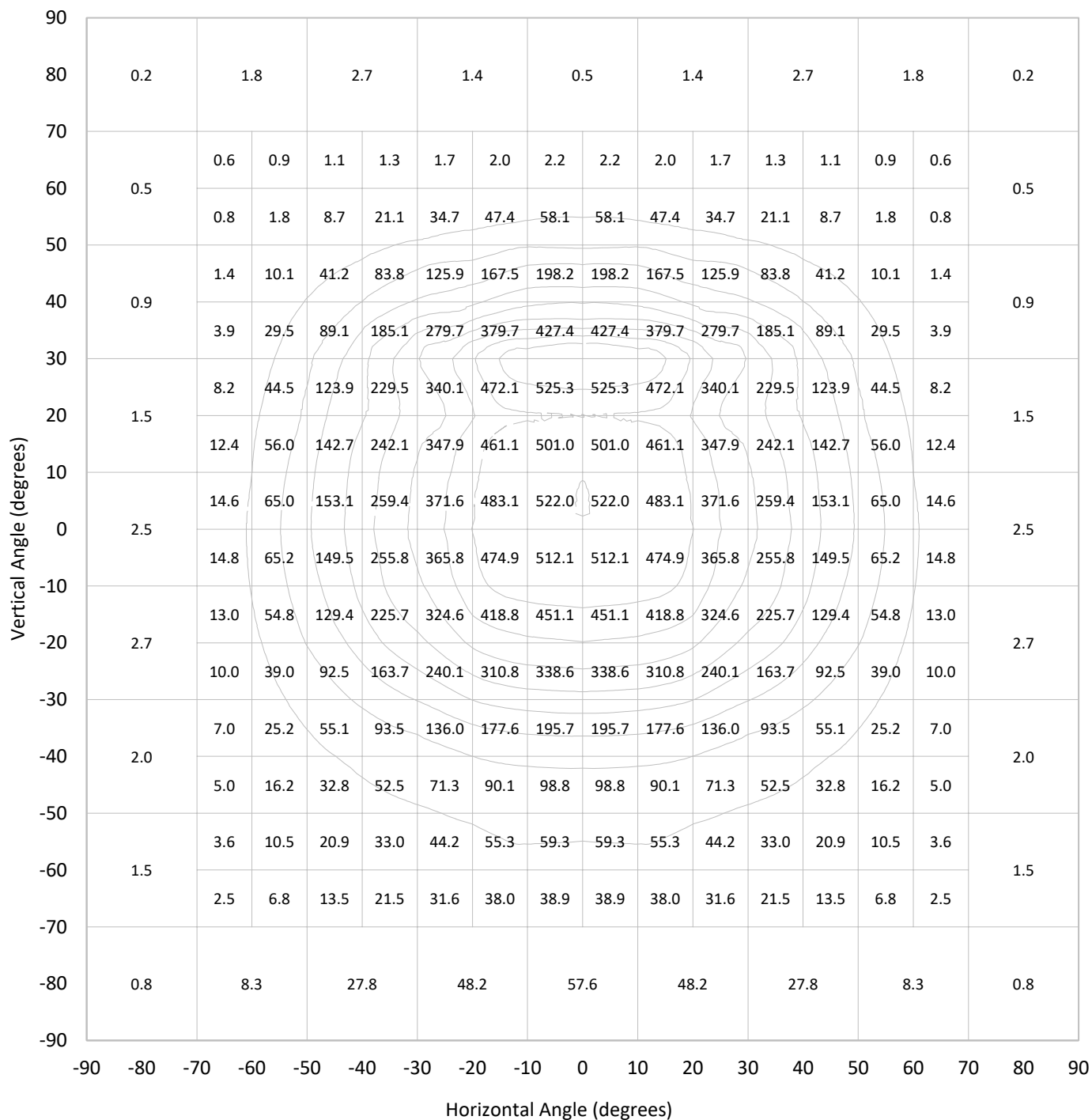
Iso-Candela Plot



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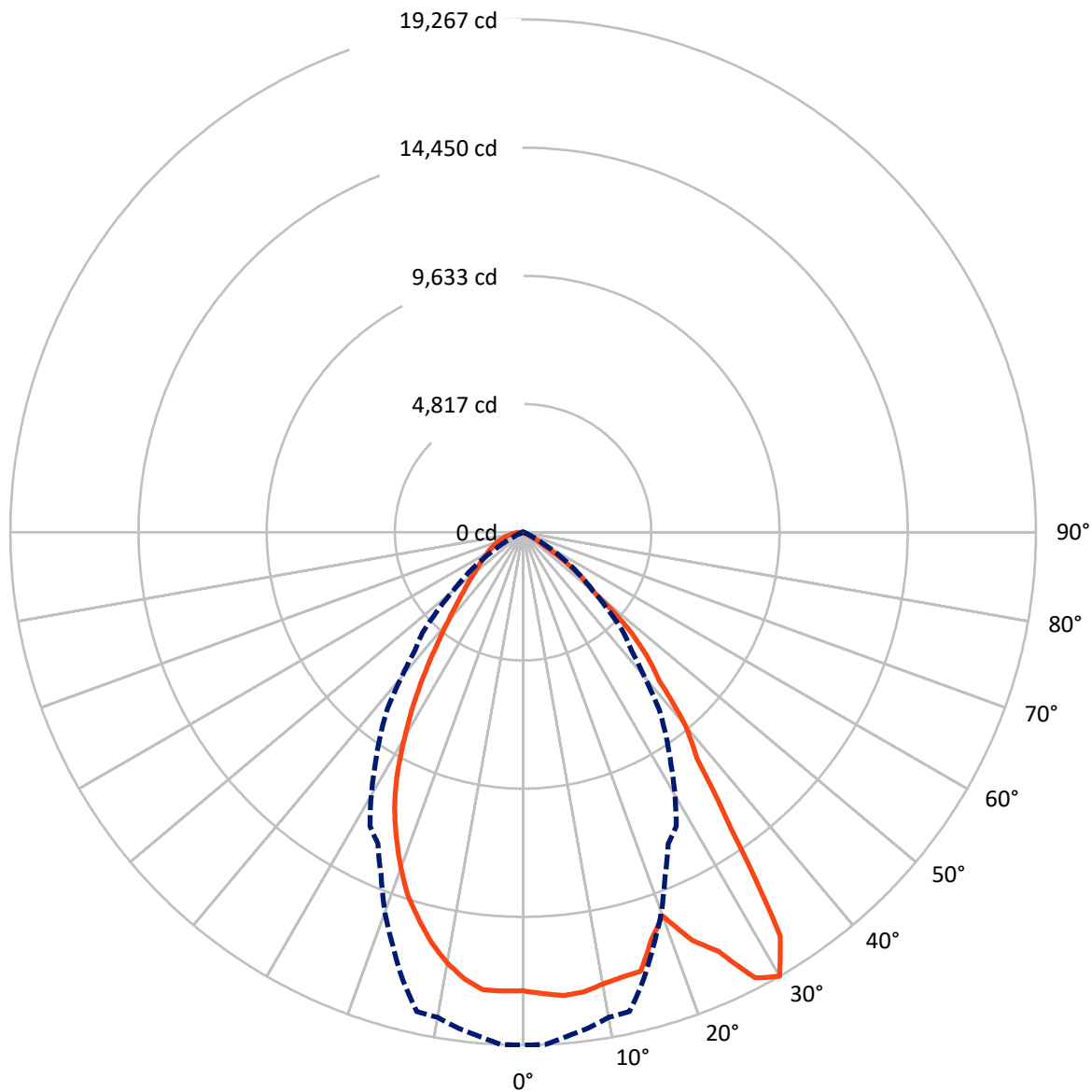
Lumen Table



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Luminous Intensity Polar Plot



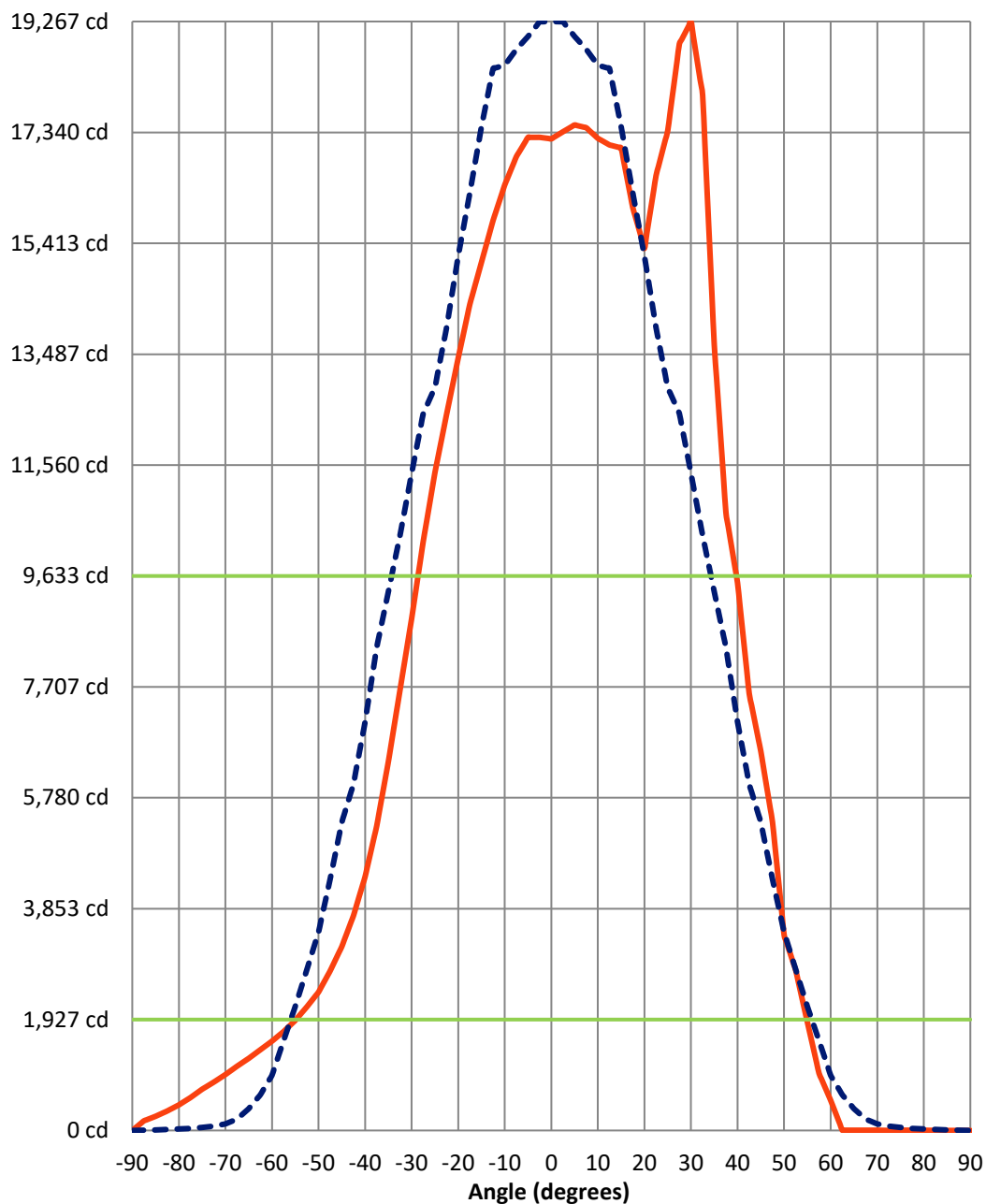
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17606.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 26018.7

Efficiency: 94.3%

Spill:

Lumens: 1579.3

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	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	8.8	8.8	8.8	13.2
82.5°	0.0	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.2	13.2	17.6
80°	4.4	4.4	4.4	4.4	8.8	8.8	8.8	13.2	13.2	17.6	17.6
77.5°	4.4	4.4	4.4	8.8	8.8	8.8	13.2	13.2	17.6	17.6	22.0
75°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	13.2	17.6	17.6	22.0
72.5°	0.0	4.4	4.4	8.8	8.8	13.2	13.2	13.2	17.6	17.6	17.6
70°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	13.2	17.6	17.6	17.6
67.5°	4.4	4.4	4.4	8.8	8.8	13.2	13.2	17.6	17.6	17.6	22.0
65°	4.4	4.4	4.4	8.8	13.2	13.2	17.6	22.0	22.0	26.4	30.8
62.5°	4.4	8.8	8.8	13.2	17.6	22.0	48.3	74.7	74.7	52.7	43.9
60°	522.9	566.8	562.4	509.7	443.8	373.5	360.3	347.1	320.7	281.2	294.4
57.5°	993.0	1045.7	1067.7	1054.5	1019.3	957.8	922.7	883.1	830.4	768.9	698.6
55°	1880.5	1902.5	1854.2	1761.9	1660.8	1559.8	1524.6	1471.9	1392.8	1313.7	1208.3
52.5°	2781.2	2855.9	2834.0	2741.7	2605.5	2425.3	2227.6	2073.8	1981.6	1893.7	1788.2
50°	3396.3	3427.1	3488.6	3598.5	3638.0	3515.0	3194.2	2781.2	2486.8	2636.2	2522.0
47.5°	5360.3	5514.1	5483.4	5404.3	5272.5	4938.5	4490.4	4121.3	3813.8	3712.7	3730.3
45°	6586.2	6647.7	6625.7	6590.6	6529.1	6217.1	5720.6	5153.8	4868.2	4754.0	4635.4
42.5°	7592.4	7658.3	7671.4	7675.8	7609.9	7324.3	6876.2	6309.4	6023.8	5694.3	5435.0
40°	9512.4	9609.1	9499.2	9354.2	9134.5	8809.4	8370.0	7847.2	7341.9	6937.7	6630.1
37.5°	10738.3	10856.9	10900.8	10892.0	10843.7	10703.1	10162.7	9666.2	8892.9	7987.8	8150.4
35°	13646.9	13769.9	13734.8	13603.0	13532.7	13383.3	12856.0	12267.3	11296.3	10312.1	10048.4
32.5°	17983.5	18251.5	17750.6	17201.4	16863.1	16981.7	16445.7	15004.6	14556.4	12781.3	11959.7
30°	19266.5	19262.1	19007.2	18783.2	18506.4	18449.2	17438.7	16287.5	15189.1	13945.7	12908.8
27.5°	18875.4	18796.3	18581.1	18418.5	18159.3	18023.1	17034.5	16120.6	14850.8	13739.2	12737.4
25°	17368.4	17429.9	17210.2	17179.5	17078.4	16814.8	16322.7	15294.5	14161.0	12930.7	12210.2
22.5°	16590.7	16568.7	16305.1	16151.3	16274.3	15993.2	15795.4	14758.5	13576.6	12539.7	11674.1
20°	15325.3	15329.7	15263.8	15250.6	15175.9	15048.5	14890.3	14156.6	13321.8	12434.2	11392.9
17.5°	16032.7	16212.8	16291.9	15637.3	15821.8	15676.8	15509.8	14486.1	13857.8	13071.3	11713.7
15°	17069.6	17003.7	16924.6	16889.5	16788.4	16652.2	16349.0	15531.8	14451.0	13638.1	12579.2
12.5°	17122.3	16994.9	16964.2	16959.8	16854.3	16665.4	16371.0	15694.4	14736.5	13748.0	12886.8
10°	17236.6	17104.8	17087.2	17109.2	16946.6	16828.0	16533.6	15905.3	14824.4	13936.9	13124.0
7.5°	17421.1	17201.4	17302.5	17236.6	17161.9	16973.0	16656.6	16041.5	15145.2	14187.3	13334.9
5°	17469.4	17227.8	17337.6	17276.1	17166.3	16981.7	16639.0	16129.4	15342.9	14288.4	13418.4
2.5°	17350.8	17280.5	17232.2	17117.9	17069.6	16867.5	16542.4	15997.5	15250.6	14244.4	13400.9
0°	17227.8	17289.3	17179.5	17065.2	17043.3	16880.7	16603.9	16111.8	15465.9	14367.5	13550.2
-2.5°	17254.1	17205.8	17131.1	17012.5	16898.3	16665.4	16414.9	15953.6	15259.4	14099.5	13339.3
-5°	17254.1	17030.1	17038.9	17043.3	16929.0	16687.4	16384.2	15993.2	15136.4	14095.1	13277.8
-7.5°	16920.2	16726.9	16696.1	16669.8	16639.0	16414.9	16177.7	15690.0	14929.9	13980.8	13106.5
-10°	16428.1	16239.2	16256.8	16217.2	16120.6	15971.2	15791.0	15351.7	14727.8	13620.5	12759.4
-12.5°	15813.0	15729.5	15681.2	15615.3	15518.6	15386.8	15202.3	14789.3	14121.4	13176.8	12359.5
-15°	15083.7	15022.1	14978.2	14938.7	14798.1	14661.9	14420.2	14037.9	13620.5	12605.6	11770.8
-17.5°	14354.3	14200.5	14139.0	14086.3	13994.0	13774.3	13554.6	13269.0	12684.7	11880.6	11164.4
-20°	13418.4	13326.2	13251.5	13181.2	13049.4	12878.0	12697.9	12368.3	11863.1	11212.8	10470.2



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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°	12438.6	12385.9	12324.4	12236.5	12148.6	11986.1	11735.6	11419.3	11023.9	10320.9	9626.6
-25°	11428.1	11327.0	11252.3	11168.8	11098.5	10949.2	10707.5	10404.3	9907.8	9301.5	8721.5
-27.5°	10237.4	10140.7	10101.2	10004.5	9943.0	9806.8	9565.1	9283.9	8835.8	8326.1	7737.3
-30°	8892.9	8910.5	8866.5	8774.3	8699.6	8523.8	8339.3	8102.0	7750.5	7262.8	6735.6
-32.5°	7649.5	7671.4	7618.7	7522.1	7425.4	7298.0	7126.6	6911.3	6647.7	6182.0	5725.0
-35°	6406.0	6397.3	6353.3	6296.2	6230.3	6124.8	5931.5	5769.0	5465.8	5140.7	4824.3
-37.5°	5290.0	5312.0	5298.8	5268.1	5193.4	5105.5	4947.3	4797.9	4573.9	4288.3	4042.2
-40°	4406.9	4433.3	4415.7	4384.9	4319.0	4266.3	4160.9	4029.0	3848.9	3602.9	3396.3
-42.5°	3730.3	3747.8	3725.9	3699.5	3642.4	3602.9	3519.4	3409.5	3260.1	3071.2	2886.7
-45°	3194.2	3198.6	3176.7	3159.1	3115.1	3066.8	2996.5	2908.6	2790.0	2658.2	2508.8
-47.5°	2772.4	2768.0	2746.1	2728.5	2693.4	2649.4	2592.3	2513.2	2420.9	2319.9	2201.3
-50°	2403.4	2425.3	2416.5	2399.0	2372.6	2341.9	2284.7	2201.3	2109.0	2034.3	1950.8
-52.5°	2148.5	2152.9	2148.5	2148.5	2144.1	2122.2	2056.3	1972.8	1871.7	1805.8	1735.5
-55°	1911.3	1933.2	1942.0	1950.8	1955.2	1955.2	1876.1	1788.2	1691.6	1625.7	1573.0
-57.5°	1717.9	1731.1	1739.9	1761.9	1779.5	1792.6	1722.3	1643.3	1568.6	1507.0	1458.7
-60°	1551.0	1568.6	1581.7	1603.7	1616.9	1625.7	1581.7	1529.0	1485.1	1445.5	1375.2
-62.5°	1401.6	1414.8	1428.0	1441.1	1454.3	1463.1	1445.5	1419.2	1397.2	1379.6	1291.8
-65°	1252.2	1265.4	1278.6	1296.1	1309.3	1318.1	1313.7	1296.1	1278.6	1261.0	1181.9
-67.5°	1116.0	1129.2	1146.8	1151.2	1159.9	1164.3	1155.5	1142.4	1120.4	1098.4	1036.9
-70°	971.0	979.8	988.6	988.6	988.6	984.2	975.4	957.8	935.9	905.1	856.8
-72.5°	839.2	848.0	856.8	843.6	834.8	821.6	808.4	786.5	764.5	742.5	716.2
-75°	716.2	720.6	720.6	703.0	689.8	676.6	659.1	645.9	623.9	606.3	584.4
-77.5°	571.2	571.2	571.2	558.0	549.2	540.4	527.2	514.1	496.5	483.3	465.7
-80°	443.8	443.8	443.8	439.4	426.2	417.4	408.6	399.8	386.6	377.9	369.1
-82.5°	338.3	338.3	338.3	333.9	325.1	320.7	312.0	303.2	298.8	290.0	285.6
-85°	246.0	250.4	250.4	246.0	241.7	232.9	228.5	224.1	219.7	215.3	206.5
-87.5°	167.0	167.0	167.0	162.6	158.2	158.2	153.8	145.0	136.2	131.8	127.4
-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	13.2	13.2	13.2	17.6	17.6	17.6	17.6	17.6	17.6	17.6	13.2
82.5°	22.0	22.0	26.4	26.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8
80°	22.0	26.4	30.8	35.1	39.5	43.9	43.9	43.9	43.9	39.5	39.5
77.5°	26.4	26.4	30.8	35.1	39.5	43.9	48.3	52.7	48.3	48.3	48.3
75°	26.4	30.8	30.8	35.1	39.5	43.9	48.3	52.7	52.7	52.7	52.7
72.5°	22.0	26.4	30.8	35.1	35.1	39.5	43.9	43.9	48.3	48.3	52.7
70°	22.0	26.4	30.8	30.8	35.1	35.1	39.5	43.9	43.9	48.3	48.3
67.5°	26.4	30.8	30.8	35.1	39.5	39.5	39.5	43.9	43.9	48.3	48.3
65°	30.8	35.1	35.1	39.5	43.9	43.9	48.3	48.3	48.3	52.7	52.7
62.5°	52.7	52.7	52.7	48.3	52.7	52.7	52.7	57.1	57.1	52.7	57.1
60°	272.4	197.7	136.2	171.4	153.8	70.3	70.3	70.3	65.9	65.9	61.5
57.5°	641.5	597.5	514.1	435.0	391.0	347.1	215.3	87.9	87.9	79.1	70.3
55°	1072.1	927.1	865.6	760.1	645.9	593.2	492.1	333.9	158.2	105.4	92.3
52.5°	1660.8	1524.6	1366.4	1151.2	997.4	874.4	790.9	628.3	421.8	224.1	140.6
50°	2223.2	2161.7	2065.0	1854.2	1533.4	1326.9	1190.7	1006.2	755.7	461.3	263.6
47.5°	3580.9	3066.8	2754.9	2592.3	2324.3	1933.2	1669.6	1463.1	1159.9	777.7	465.7
45°	4508.0	4182.8	3686.3	3343.6	2948.2	2535.2	2192.5	1955.2	1594.9	1164.3	729.4
42.5°	5303.2	5022.0	4573.9	4073.0	3655.6	3115.1	2675.8	2363.8	2060.7	1590.5	1089.6
40°	6327.0	5993.0	5562.5	5074.7	4587.0	3897.2	3185.4	2807.6	2473.7	2056.3	1471.9
37.5°	8014.2	7425.4	6722.4	6182.0	5544.9	4960.5	3985.1	3317.3	2921.8	2486.8	1920.1
35°	10044.1	9398.2	8225.0	7508.9	6656.5	5786.5	4907.8	3919.2	3356.8	2895.5	2333.1
32.5°	11933.4	10988.7	9486.0	8646.8	8080.1	6476.3	5566.8	4710.1	3805.0	3238.2	2570.3
30°	12456.2	11414.9	10338.4	9358.6	8392.0	7095.9	6019.4	5351.6	4367.4	3444.7	2794.4
27.5°	11929.0	11212.8	10378.0	9468.5	8422.8	7311.2	6296.2	5659.1	4780.4	3585.3	2970.2
25°	11392.9	10646.0	10061.6	9301.5	8334.9	7298.0	6305.0	5852.4	5101.1	3857.7	3066.8
22.5°	10826.1	10360.4	9877.1	9029.1	8115.2	7337.5	6590.6	6019.4	5268.1	4165.2	3106.4
20°	10856.9	10553.7	10022.1	8888.5	8075.7	7570.4	6933.3	6230.3	5448.2	4433.3	3137.1
17.5°	11349.0	10953.6	10285.7	9301.5	8431.6	7807.6	7218.9	6520.3	5632.8	4670.5	3510.6
15°	11955.3	11353.4	10654.8	9789.2	8805.0	8066.9	7438.6	6722.4	5843.7	4890.2	3844.5
12.5°	12394.7	11537.9	10883.3	10101.2	9209.2	8348.1	7583.6	6876.2	6041.4	5070.4	4094.9
10°	12544.1	11766.4	10993.1	10294.5	9415.7	8497.5	7693.4	6972.8	6212.7	5211.0	4279.5
7.5°	12623.2	11964.1	11067.8	10382.4	9538.8	8589.7	7781.3	7025.6	6348.9	5307.6	4398.1
5°	12614.4	12069.6	11124.9	10408.7	9604.7	8629.3	7842.8	7038.7	6445.6	5391.1	4468.4
2.5°	12574.8	12139.9	11217.2	10452.7	9736.5	8704.0	7961.4	7065.1	6480.7	5483.4	4516.7
0°	12719.8	12144.2	11313.8	10465.8	9824.4	8730.3	8014.2	7043.1	6432.4	5509.7	4512.4
-2.5°	12407.9	11885.0	11291.9	10351.6	9705.7	8668.8	7917.5	6972.8	6327.0	5479.0	4494.8
-5°	12355.1	11696.1	11107.3	10246.2	9508.0	8541.4	7737.3	6841.0	6160.0	5377.9	4424.5
-7.5°	12214.5	11515.9	10927.2	10162.7	9323.5	8409.6	7566.0	6704.8	5979.9	5219.7	4323.4
-10°	11907.0	11239.1	10733.9	9982.5	9099.4	8220.7	7359.5	6524.7	5769.0	5004.5	4165.2
-12.5°	11467.6	10799.8	10298.9	9600.3	8818.2	7965.8	7113.4	6291.8	5527.3	4776.0	3976.3
-15°	10971.1	10294.5	9793.6	9156.5	8400.8	7570.4	6801.5	5997.4	5250.5	4534.3	3752.2
-17.5°	10408.7	9767.2	9283.9	8664.4	7913.1	7122.2	6357.7	5628.4	4929.8	4283.9	3493.0
-20°	9758.5	9134.5	8690.8	8071.3	7381.5	6612.6	5870.0	5180.2	4551.9	3945.6	3207.4

REPORT NUMBER: P722491

CATALOG NUMBER: IFLD-S-SA6A-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°	8954.4	8405.2	7899.9	7346.3	6744.4	6041.4	5351.6	4740.8	4138.9	3545.7	2913.0
-25°	8132.8	7601.1	7109.0	6603.8	6028.2	5421.9	4833.1	4279.5	3690.7	3154.7	2627.4
-27.5°	7218.9	6744.4	6305.0	5839.3	5312.0	4789.2	4305.8	3765.4	3255.7	2798.8	2346.2
-30°	6243.5	5856.8	5474.6	5061.6	4635.4	4196.0	3765.4	3255.7	2855.9	2491.2	2109.0
-32.5°	5307.6	4960.5	4653.0	4345.4	3976.3	3616.0	3233.8	2855.9	2522.0	2201.3	1880.5
-35°	4486.0	4116.9	3945.6	3699.5	3405.1	3080.0	2768.0	2504.4	2236.4	1946.4	1660.8
-37.5°	3774.2	3536.9	3334.8	3150.3	2917.4	2636.2	2412.2	2196.9	1972.8	1709.2	1463.1
-40°	3216.2	3044.8	2842.7	2706.5	2517.6	2315.5	2091.4	1911.3	1722.3	1507.0	1304.9
-42.5°	2768.0	2627.4	2495.6	2350.6	2210.0	2038.7	1845.4	1674.0	1502.7	1344.5	1177.5
-45°	2399.0	2297.9	2192.5	2073.8	1950.8	1801.4	1643.3	1467.5	1344.5	1203.9	1063.3
-47.5°	2095.8	2021.1	1933.2	1841.0	1735.5	1603.7	1458.7	1331.3	1203.9	1085.2	949.0
-50°	1854.2	1783.9	1713.6	1634.5	1542.2	1428.0	1318.1	1199.5	1080.9	966.6	839.2
-52.5°	1652.0	1590.5	1533.4	1467.5	1379.6	1283.0	1181.9	1076.5	966.6	852.4	751.3
-55°	1511.4	1441.1	1384.0	1318.1	1239.0	1146.8	1054.5	957.8	852.4	764.5	681.0
-57.5°	1397.2	1318.1	1252.2	1181.9	1102.8	1023.7	940.3	852.4	773.3	689.8	610.7
-60°	1300.5	1208.3	1133.6	1063.3	988.6	913.9	843.6	768.9	694.2	619.5	540.4
-62.5°	1199.5	1102.8	1010.6	944.7	887.5	821.6	760.1	689.8	623.9	549.2	492.1
-65°	1085.2	993.0	905.1	848.0	795.3	738.1	681.0	619.5	562.4	505.3	452.6
-67.5°	957.8	878.7	817.2	764.5	711.8	663.5	610.7	558.0	509.7	452.6	399.8
-70°	804.1	760.1	725.0	685.4	637.1	593.2	544.8	496.5	443.8	395.4	347.1
-72.5°	685.4	659.1	632.7	593.2	549.2	509.7	470.1	426.2	382.3	338.3	298.8
-75°	562.4	540.4	518.5	492.1	456.9	426.2	391.0	351.5	316.3	285.6	254.8
-77.5°	452.6	435.0	421.8	399.8	373.5	347.1	325.1	298.8	272.4	241.7	210.9
-80°	360.3	351.5	347.1	338.3	316.3	294.4	276.8	254.8	228.5	206.5	184.5
-82.5°	281.2	281.2	276.8	272.4	254.8	237.3	224.1	206.5	188.9	171.4	149.4
-85°	206.5	202.1	202.1	197.7	184.5	175.7	162.6	153.8	140.6	123.0	114.2
-87.5°	123.0	118.6	114.2	109.8	101.1	96.7	87.9	83.5	74.7	65.9	61.5
-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-SA6A-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	13.2	8.8	8.8	8.8	8.8	8.8	4.4	4.4	4.4	4.4	4.4
82.5°	26.4	26.4	22.0	22.0	17.6	13.2	8.8	8.8	8.8	4.4	4.4
80°	39.5	39.5	39.5	35.1	30.8	22.0	17.6	13.2	8.8	4.4	4.4
77.5°	48.3	43.9	43.9	39.5	39.5	35.1	26.4	22.0	13.2	8.8	4.4
75°	48.3	48.3	48.3	43.9	43.9	39.5	35.1	26.4	22.0	13.2	8.8
72.5°	52.7	48.3	48.3	48.3	43.9	39.5	35.1	30.8	26.4	17.6	8.8
70°	48.3	48.3	48.3	48.3	43.9	43.9	35.1	30.8	30.8	17.6	13.2
67.5°	48.3	48.3	48.3	43.9	43.9	39.5	35.1	30.8	30.8	22.0	13.2
65°	52.7	48.3	48.3	48.3	43.9	39.5	35.1	30.8	30.8	26.4	17.6
62.5°	57.1	52.7	52.7	48.3	43.9	39.5	35.1	30.8	30.8	26.4	17.6
60°	61.5	57.1	52.7	52.7	48.3	43.9	35.1	35.1	30.8	26.4	17.6
57.5°	65.9	61.5	61.5	57.1	52.7	48.3	39.5	35.1	30.8	26.4	22.0
55°	79.1	70.3	65.9	65.9	61.5	52.7	43.9	35.1	30.8	26.4	22.0
52.5°	105.4	83.5	74.7	74.7	70.3	61.5	48.3	39.5	30.8	26.4	22.0
50°	167.0	105.4	87.9	79.1	79.1	70.3	57.1	43.9	30.8	26.4	22.0
47.5°	263.6	175.7	105.4	92.3	87.9	83.5	65.9	43.9	35.1	26.4	22.0
45°	435.0	259.2	171.4	109.8	92.3	87.9	74.7	48.3	35.1	30.8	22.0
42.5°	597.5	404.2	263.6	131.8	109.8	96.7	79.1	52.7	39.5	30.8	22.0
40°	940.3	553.6	369.1	215.3	127.4	101.1	87.9	61.5	39.5	30.8	22.0
37.5°	1274.2	733.8	496.5	316.3	145.0	114.2	92.3	65.9	43.9	30.8	26.4
35°	1608.1	1028.1	615.1	421.8	193.3	136.2	96.7	70.3	43.9	30.8	26.4
32.5°	1906.9	1304.9	738.1	527.2	290.0	162.6	105.4	74.7	48.3	35.1	26.4
30°	2152.9	1559.8	957.8	619.5	377.9	197.7	114.2	74.7	52.7	35.1	26.4
27.5°	2337.5	1757.5	1181.9	716.2	452.6	232.9	131.8	83.5	52.7	35.1	26.4
25°	2486.8	1911.3	1379.6	817.2	518.5	290.0	158.2	87.9	57.1	39.5	26.4
22.5°	2605.5	2038.7	1542.2	953.4	597.5	347.1	193.3	96.7	57.1	39.5	26.4
20°	2768.0	2166.1	1652.0	1098.4	681.0	399.8	224.1	105.4	57.1	39.5	30.8
17.5°	2908.6	2293.5	1739.9	1221.5	764.5	439.4	259.2	114.2	61.5	39.5	30.8
15°	3071.2	2416.5	1819.0	1318.1	843.6	474.5	290.0	123.0	61.5	43.9	30.8
12.5°	3247.0	2530.8	1876.1	1397.2	927.1	505.3	316.3	140.6	65.9	43.9	30.8
10°	3427.1	2627.4	1924.5	1454.3	988.6	536.0	333.9	158.2	70.3	43.9	30.8
7.5°	3607.2	2715.3	1986.0	1480.7	1014.9	571.2	342.7	175.7	70.3	48.3	30.8
5°	3730.3	2772.4	2073.8	1498.3	1028.1	610.7	355.9	197.7	74.7	48.3	30.8
2.5°	3835.7	2807.6	2166.1	1511.4	1032.5	632.7	351.5	210.9	79.1	48.3	30.8
0°	3884.1	2807.6	2227.6	1502.7	1019.3	654.7	351.5	224.1	79.1	48.3	30.8
-2.5°	3809.4	2886.7	2210.0	1507.0	1023.7	654.7	369.1	228.5	87.9	52.7	30.8
-5°	3690.7	2917.4	2157.3	1485.1	1014.9	654.7	391.0	232.9	92.3	52.7	35.1
-7.5°	3576.5	2930.6	2095.8	1463.1	1001.8	637.1	395.4	228.5	101.1	57.1	35.1
-10°	3427.1	2785.6	2016.7	1423.6	975.4	623.9	404.2	228.5	105.4	57.1	35.1
-12.5°	3255.7	2609.9	1920.1	1366.4	944.7	610.7	408.6	228.5	109.8	61.5	35.1
-15°	3058.0	2429.7	1810.2	1304.9	900.7	593.2	399.8	224.1	114.2	61.5	39.5
-17.5°	2834.0	2254.0	1696.0	1230.2	852.4	571.2	382.3	219.7	114.2	61.5	39.5
-20°	2579.1	2078.2	1568.6	1155.5	795.3	544.8	364.7	210.9	114.2	61.5	39.5



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CATALOG NUMBER: IFLD-S-SA6A-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°	2350.6	1915.7	1436.7	1072.1	733.8	514.1	342.7	202.1	114.2	65.9	39.5
-25°	2161.7	1757.5	1335.7	988.6	667.8	478.9	320.7	193.3	114.2	65.9	39.5
-27.5°	1964.0	1586.1	1230.2	909.5	623.9	448.2	298.8	184.5	109.8	65.9	39.5
-30°	1761.9	1419.2	1120.4	821.6	580.0	417.4	281.2	171.4	109.8	65.9	39.5
-32.5°	1577.3	1283.0	1019.3	733.8	531.6	386.6	263.6	167.0	105.4	65.9	39.5
-35°	1397.2	1159.9	913.9	663.5	478.9	355.9	246.0	162.6	105.4	65.9	39.5
-37.5°	1247.8	1045.7	817.2	615.1	448.2	329.5	228.5	153.8	101.1	65.9	39.5
-40°	1124.8	940.3	725.0	562.4	421.8	303.2	210.9	149.4	101.1	65.9	39.5
-42.5°	1010.6	839.2	667.8	518.5	395.4	285.6	197.7	145.0	96.7	65.9	39.5
-45°	909.5	751.3	610.7	478.9	364.7	263.6	188.9	136.2	92.3	65.9	43.9
-47.5°	808.4	689.8	558.0	443.8	333.9	237.3	180.1	131.8	87.9	61.5	43.9
-50°	729.4	623.9	514.1	404.2	303.2	228.5	171.4	123.0	87.9	61.5	43.9
-52.5°	659.1	562.4	465.7	364.7	276.8	215.3	162.6	114.2	83.5	61.5	43.9
-55°	593.2	505.3	417.4	325.1	259.2	202.1	149.4	105.4	83.5	61.5	43.9
-57.5°	527.2	452.6	369.1	294.4	237.3	188.9	140.6	105.4	83.5	61.5	43.9
-60°	474.5	404.2	333.9	272.4	219.7	171.4	127.4	101.1	79.1	61.5	43.9
-62.5°	430.6	364.7	303.2	246.0	202.1	153.8	123.0	101.1	79.1	61.5	39.5
-65°	386.6	329.5	272.4	224.1	180.1	145.0	118.6	96.7	79.1	61.5	39.5
-67.5°	342.7	290.0	246.0	197.7	167.0	140.6	114.2	96.7	74.7	57.1	39.5
-70°	298.8	254.8	215.3	184.5	158.2	131.8	109.8	92.3	74.7	52.7	35.1
-72.5°	263.6	224.1	193.3	171.4	149.4	127.4	105.4	87.9	70.3	48.3	30.8
-75°	224.1	197.7	175.7	153.8	136.2	118.6	101.1	79.1	61.5	43.9	30.8
-77.5°	188.9	171.4	153.8	140.6	123.0	105.4	87.9	70.3	57.1	39.5	26.4
-80°	162.6	149.4	136.2	123.0	109.8	92.3	79.1	61.5	48.3	35.1	22.0
-82.5°	131.8	123.0	109.8	101.1	92.3	79.1	65.9	52.7	35.1	26.4	17.6
-85°	101.1	92.3	87.9	79.1	70.3	57.1	43.9	35.1	26.4	17.6	8.8
-87.5°	52.7	48.3	43.9	39.5	35.1	26.4	22.0	17.6	13.2	8.8	4.4
-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-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°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	8.8	4.4	0.0	0.0
65°	8.8	4.4	0.0	0.0
62.5°	8.8	4.4	0.0	0.0
60°	8.8	4.4	0.0	0.0
57.5°	13.2	4.4	4.4	0.0
55°	13.2	4.4	4.4	0.0
52.5°	13.2	4.4	4.4	0.0
50°	13.2	8.8	4.4	0.0
47.5°	13.2	8.8	4.4	0.0
45°	13.2	8.8	4.4	0.0
42.5°	13.2	8.8	4.4	0.0
40°	17.6	8.8	4.4	0.0
37.5°	17.6	8.8	4.4	0.0
35°	17.6	8.8	4.4	0.0
32.5°	17.6	8.8	4.4	0.0
30°	17.6	8.8	4.4	0.0
27.5°	17.6	13.2	4.4	0.0
25°	17.6	13.2	4.4	0.0
22.5°	22.0	13.2	4.4	0.0
20°	22.0	13.2	4.4	0.0
17.5°	22.0	13.2	4.4	0.0
15°	22.0	13.2	4.4	0.0
12.5°	22.0	13.2	4.4	0.0
10°	22.0	13.2	4.4	0.0
7.5°	22.0	13.2	4.4	0.0
5°	22.0	13.2	4.4	0.0
2.5°	22.0	13.2	4.4	0.0
0°	22.0	13.2	4.4	0.0
-2.5°	22.0	13.2	4.4	0.0
-5°	22.0	13.2	4.4	0.0
-7.5°	22.0	13.2	4.4	0.0
-10°	22.0	13.2	4.4	0.0
-12.5°	26.4	13.2	4.4	0.0
-15°	26.4	13.2	4.4	0.0
-17.5°	26.4	13.2	4.4	0.0
-20°	26.4	13.2	4.4	0.0

REPORT NUMBER: P722491

CATALOG NUMBER: IFLD-S-SA6A-740-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.4	13.2	4.4	0.0
-25°	26.4	13.2	4.4	0.0
-27.5°	26.4	13.2	4.4	0.0
-30°	26.4	13.2	4.4	0.0
-32.5°	26.4	13.2	4.4	0.0
-35°	26.4	13.2	4.4	0.0
-37.5°	26.4	13.2	4.4	0.0
-40°	26.4	13.2	4.4	0.0
-42.5°	22.0	13.2	4.4	0.0
-45°	26.4	13.2	4.4	0.0
-47.5°	26.4	13.2	4.4	0.0
-50°	26.4	13.2	4.4	0.0
-52.5°	26.4	13.2	4.4	0.0
-55°	26.4	13.2	4.4	0.0
-57.5°	26.4	13.2	4.4	0.0
-60°	26.4	13.2	4.4	0.0
-62.5°	22.0	13.2	4.4	0.0
-65°	22.0	8.8	4.4	0.0
-67.5°	22.0	8.8	4.4	0.0
-70°	22.0	8.8	4.4	0.0
-72.5°	17.6	8.8	4.4	0.0
-75°	17.6	8.8	4.4	0.0
-77.5°	13.2	4.4	0.0	0.0
-80°	13.2	4.4	0.0	0.0
-82.5°	8.8	4.4	0.0	0.0
-85°	4.4	4.4	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)