

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: P722456

Luminaire Tested: **IFLD-S-SA2E-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722456
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

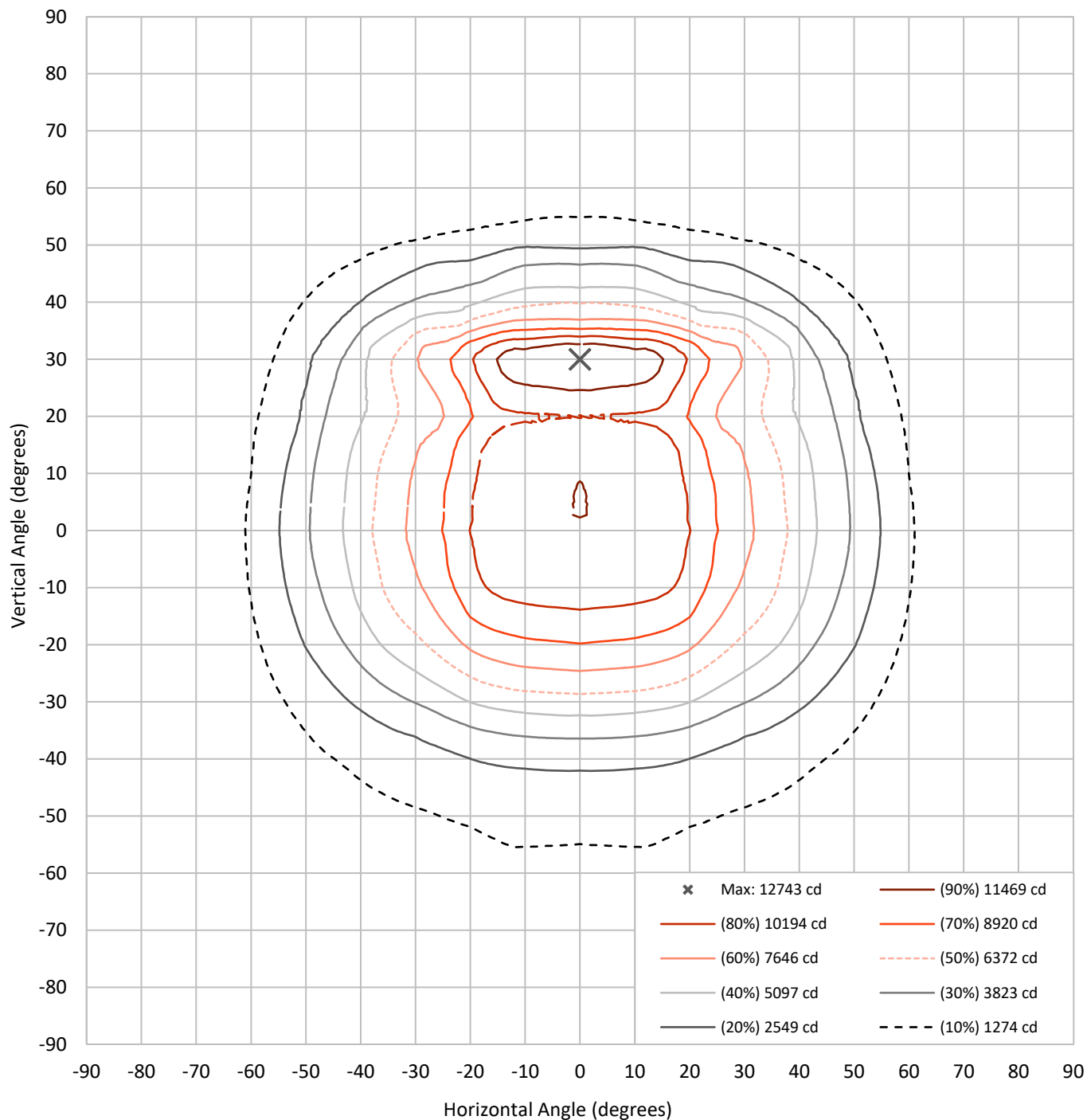
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18253.6 lumens	Max Intensity:	12743 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	116.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	11645 lumens	Field Lumens:	17209 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	156.2		
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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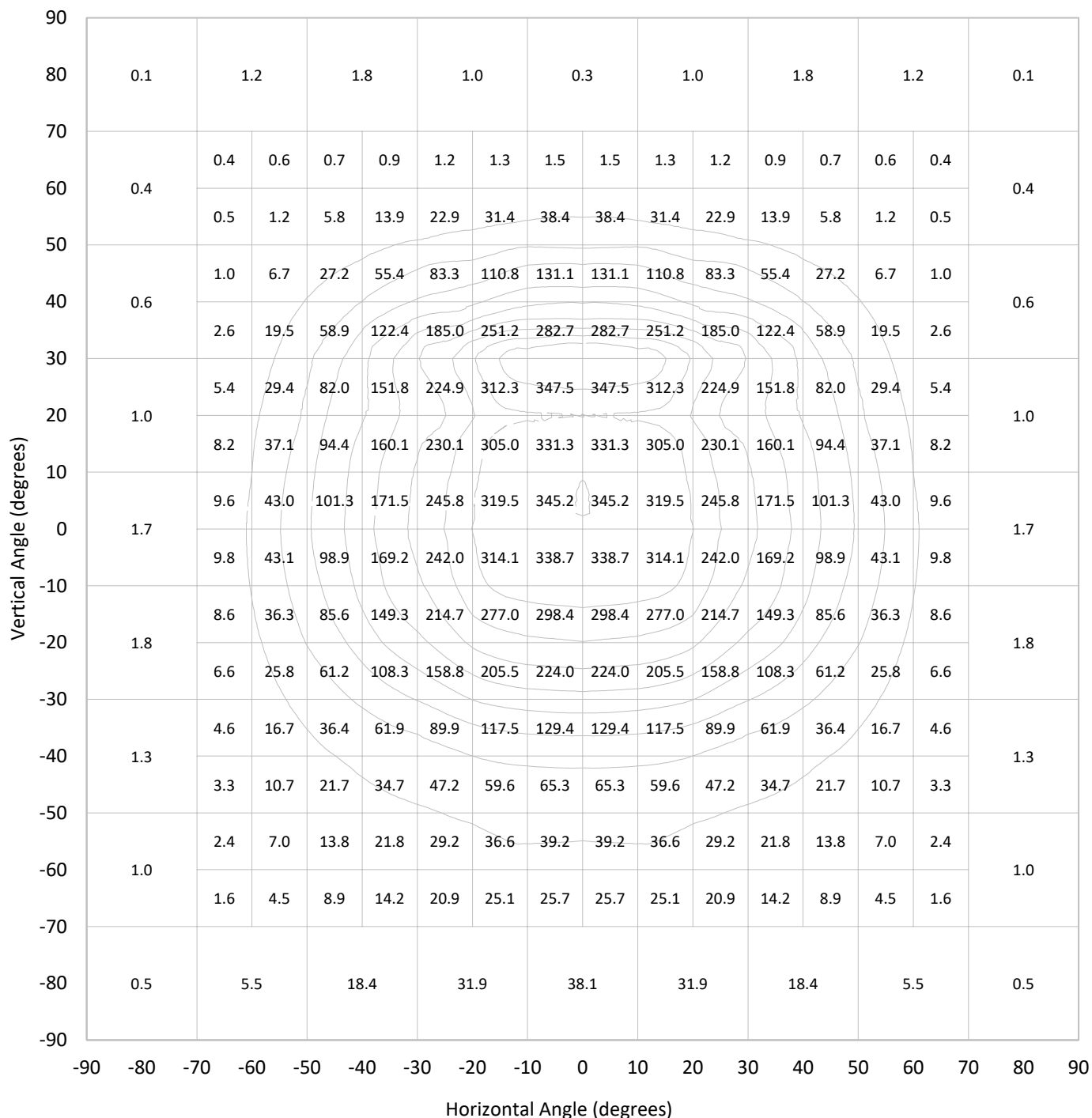
Iso-Candela Plot



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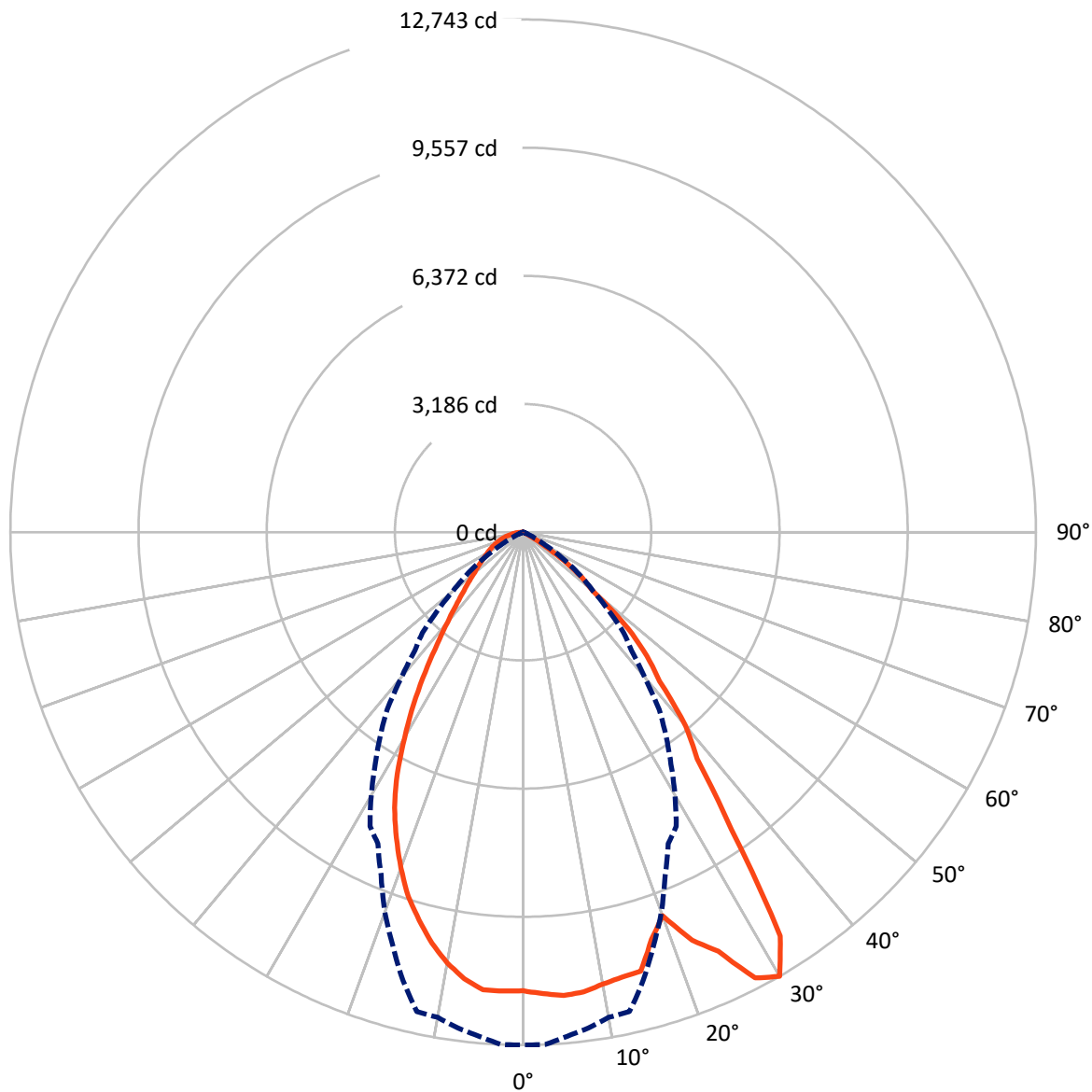
Lumen Table



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Luminous Intensity Polar Plot

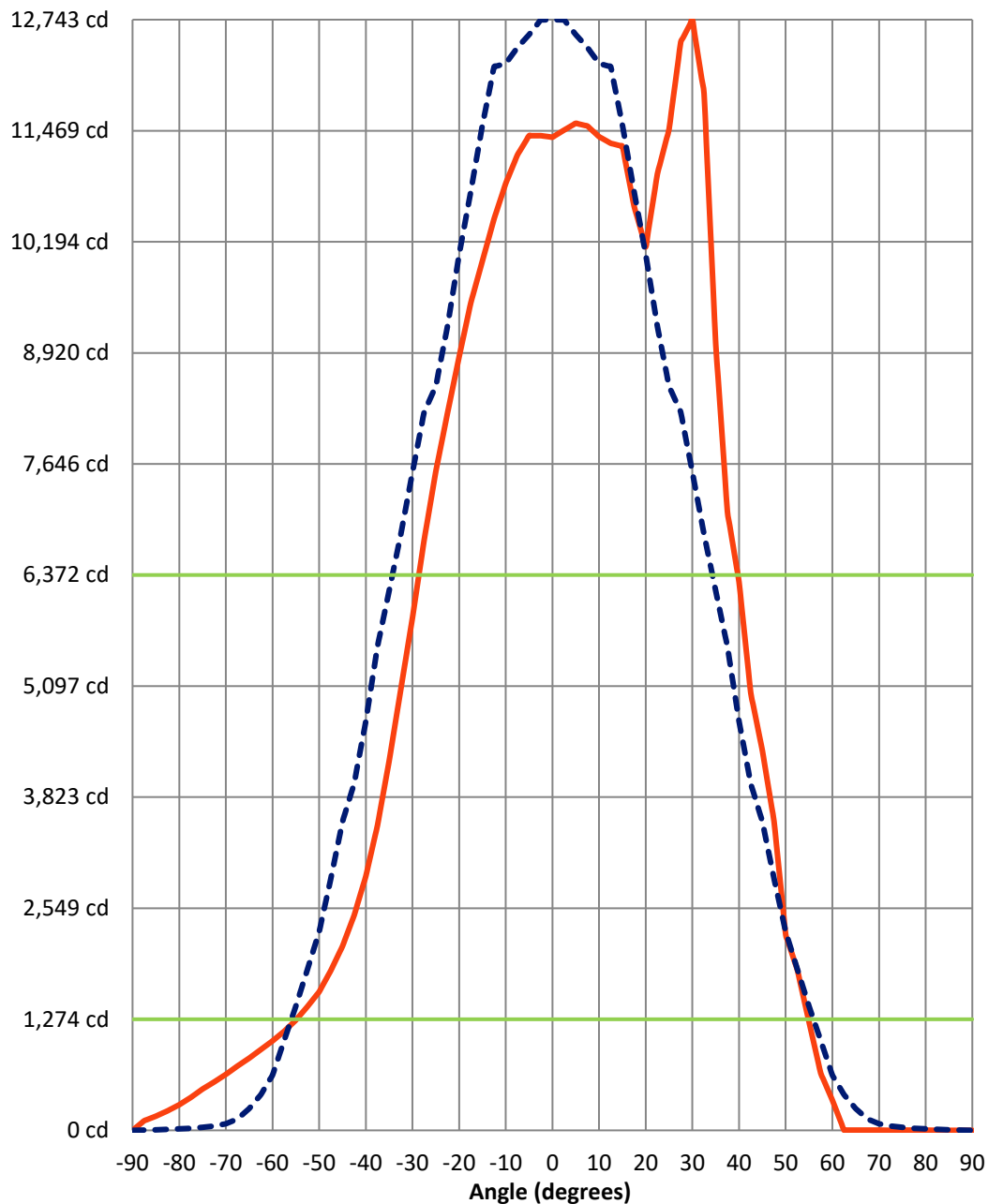


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11645

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17209

Efficiency: 94.3%

Spill:

Lumens: 1044.5

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	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8	8.7
82.5°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	8.7	8.7	11.6
80°	2.9	2.9	2.9	2.9	5.8	5.8	5.8	8.7	8.7	11.6	11.6
77.5°	2.9	2.9	2.9	5.8	5.8	5.8	8.7	8.7	11.6	11.6	14.5
75°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.6	11.6	14.5
72.5°	0.0	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.6	11.6	11.6
70°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.6	11.6	11.6
67.5°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	11.6	11.6	11.6	14.5
65°	2.9	2.9	2.9	5.8	8.7	8.7	11.6	14.5	14.5	17.4	20.3
62.5°	2.9	5.8	5.8	8.7	11.6	14.5	32.0	49.4	49.4	34.9	29.1
60°	345.8	374.9	372.0	337.1	293.5	247.0	238.3	229.6	212.1	186.0	194.7
57.5°	656.8	691.6	706.2	697.5	674.2	633.5	610.3	584.1	549.2	508.6	462.1
55°	1243.8	1258.3	1226.4	1165.3	1098.5	1031.6	1008.4	973.5	921.2	868.9	799.2
52.5°	1839.5	1888.9	1874.4	1813.4	1723.3	1604.1	1473.4	1371.7	1310.6	1252.5	1182.8
50°	2246.4	2266.7	2307.4	2380.1	2406.2	2324.8	2112.7	1839.5	1644.8	1743.6	1668.1
47.5°	3545.4	3647.1	3626.8	3574.4	3487.3	3266.4	2970.0	2725.9	2522.5	2455.6	2467.2
45°	4356.2	4396.9	4382.3	4359.1	4318.4	4112.1	3783.7	3408.8	3219.9	3144.3	3065.9
42.5°	5021.7	5065.2	5074.0	5076.9	5033.3	4844.4	4548.0	4173.1	3984.2	3766.2	3594.8
40°	6291.6	6355.5	6282.9	6187.0	6041.7	5826.6	5536.0	5190.2	4856.0	4588.7	4385.2
37.5°	7102.4	7180.9	7209.9	7204.1	7172.1	7079.1	6721.7	6393.3	5881.8	5283.2	5390.7
35°	9026.2	9107.6	9084.3	8997.1	8950.6	8851.8	8503.1	8113.7	7471.5	6820.5	6646.1
32.5°	11894.5	12071.7	11740.4	11377.2	11153.4	11231.9	10877.3	9924.2	9627.7	8453.7	7910.3
30°	12743.0	12740.1	12571.6	12423.4	12240.3	12202.5	11534.1	10772.7	10046.2	9223.8	8538.0
27.5°	12484.4	12432.1	12289.7	12182.2	12010.7	11920.6	11266.8	10662.3	9822.4	9087.2	8424.6
25°	11487.6	11528.3	11383.0	11362.7	11295.8	11121.5	10796.0	10116.0	9366.2	8552.5	8075.9
22.5°	10973.2	10958.7	10784.4	10682.6	10764.0	10578.0	10447.3	9761.4	8979.7	8293.9	7721.4
20°	10136.3	10139.2	10095.6	10086.9	10037.5	9953.2	9848.6	9363.3	8811.1	8224.1	7535.4
17.5°	10604.2	10723.3	10775.6	10342.6	10464.7	10368.8	10258.4	9581.2	9165.7	8645.5	7747.5
15°	11290.0	11246.4	11194.1	11170.9	11104.0	11013.9	10813.4	10272.9	9558.0	9020.4	8320.0
12.5°	11324.9	11240.6	11220.3	11217.4	11147.6	11022.6	10827.9	10380.4	9746.9	9093.0	8523.4
10°	11400.4	11313.3	11301.6	11316.2	11208.6	11130.2	10935.5	10519.9	9805.0	9218.0	8680.4
7.5°	11522.5	11377.2	11444.0	11400.4	11351.0	11226.1	11016.8	10610.0	10017.2	9383.6	8819.9
5°	11554.5	11394.6	11467.3	11426.6	11353.9	11231.9	11005.2	10668.1	10147.9	9450.5	8875.1
2.5°	11476.0	11429.5	11397.5	11322.0	11290.0	11156.3	10941.3	10580.9	10086.9	9421.4	8863.5
0°	11394.6	11435.3	11362.7	11287.1	11272.6	11165.0	10982.0	10656.5	10229.3	9502.8	8962.3
-2.5°	11412.1	11380.1	11330.7	11252.2	11176.7	11022.6	10857.0	10551.9	10092.7	9325.5	8822.8
-5°	11412.1	11263.9	11269.7	11272.6	11197.0	11037.2	10836.7	10578.0	10011.3	9322.6	8782.1
-7.5°	11191.2	11063.3	11043.0	11025.6	11005.2	10857.0	10700.1	10377.5	9874.8	9247.1	8668.7
-10°	10865.7	10740.8	10752.4	10726.2	10662.3	10563.5	10444.3	10153.7	9741.1	9008.8	8439.2
-12.5°	10458.9	10403.7	10371.7	10328.1	10264.2	10177.0	10054.9	9781.8	9340.0	8715.2	8174.7
-15°	9976.5	9935.8	9906.7	9880.6	9787.6	9697.5	9537.7	9284.8	9008.8	8337.5	7785.3
-17.5°	9494.1	9392.4	9351.7	9316.8	9255.8	9110.5	8965.2	8776.3	8389.8	7858.0	7384.3
-20°	8875.1	8814.1	8764.6	8718.2	8631.0	8517.6	8398.5	8180.5	7846.3	7416.2	6925.1

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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°	8227.0	8192.2	8151.5	8093.3	8035.2	7927.7	7762.1	7552.8	7291.3	6826.3	6367.2
-25°	7558.6	7491.8	7442.4	7387.2	7340.7	7241.9	7082.0	6881.5	6553.1	6152.1	5768.5
-27.5°	6771.1	6707.2	6681.0	6617.1	6576.4	6486.3	6326.5	6140.5	5844.1	5507.0	5117.6
-30°	5881.8	5893.5	5864.4	5803.4	5754.0	5637.7	5515.7	5358.8	5126.3	4803.7	4455.0
-32.5°	5059.4	5074.0	5039.1	4975.2	4911.2	4826.9	4713.6	4571.2	4396.9	4088.8	3786.6
-35°	4237.0	4231.2	4202.1	4164.4	4120.8	4051.0	3923.2	3815.6	3615.1	3400.1	3190.8
-37.5°	3498.9	3513.4	3504.7	3484.4	3435.0	3376.8	3272.2	3173.4	3025.2	2836.3	2673.6
-40°	2914.8	2932.2	2920.6	2900.2	2856.6	2821.8	2752.0	2664.8	2545.7	2383.0	2246.4
-42.5°	2467.2	2478.9	2464.3	2446.9	2409.1	2383.0	2327.7	2255.1	2156.3	2031.3	1909.3
-45°	2112.7	2115.6	2101.1	2089.5	2060.4	2028.4	1981.9	1923.8	1845.3	1758.2	1659.4
-47.5°	1833.7	1830.8	1816.3	1804.7	1781.4	1752.3	1714.6	1662.3	1601.2	1534.4	1455.9
-50°	1589.6	1604.1	1598.3	1586.7	1569.3	1548.9	1511.1	1455.9	1394.9	1345.5	1290.3
-52.5°	1421.1	1424.0	1421.1	1421.1	1418.2	1403.6	1360.0	1304.8	1238.0	1194.4	1147.9
-55°	1264.1	1278.7	1284.5	1290.3	1293.2	1293.2	1240.9	1182.8	1118.8	1075.2	1040.4
-57.5°	1136.3	1145.0	1150.8	1165.3	1177.0	1185.7	1139.2	1086.9	1037.5	996.8	964.8
-60°	1025.8	1037.5	1046.2	1060.7	1069.4	1075.2	1046.2	1011.3	982.2	956.1	909.6
-62.5°	927.0	935.7	944.5	953.2	961.9	967.7	956.1	938.7	924.1	912.5	854.4
-65°	828.2	836.9	845.7	857.3	866.0	871.8	868.9	857.3	845.7	834.0	781.7
-67.5°	738.1	746.9	758.5	761.4	767.2	770.1	764.3	755.6	741.0	726.5	685.8
-70°	642.2	648.0	653.9	653.9	653.9	651.0	645.1	633.5	619.0	598.6	566.7
-72.5°	555.1	560.9	566.7	558.0	552.1	543.4	534.7	520.2	505.7	491.1	473.7
-75°	473.7	476.6	476.6	465.0	456.2	447.5	435.9	427.2	412.7	401.0	386.5
-77.5°	377.8	377.8	377.8	369.1	363.3	357.4	348.7	340.0	328.4	319.7	308.0
-80°	293.5	293.5	293.5	290.6	281.9	276.1	270.3	264.5	255.7	249.9	244.1
-82.5°	223.8	223.8	223.8	220.9	215.0	212.1	206.3	200.5	197.6	191.8	188.9
-85°	162.7	165.6	165.6	162.7	159.8	154.0	151.1	148.2	145.3	142.4	136.6
-87.5°	110.4	110.4	110.4	107.5	104.6	104.6	101.7	95.9	90.1	87.2	84.3
-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	8.7	8.7	8.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	8.7
82.5°	14.5	14.5	17.4	17.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3
80°	14.5	17.4	20.3	23.2	26.2	29.1	29.1	29.1	29.1	26.2	26.2
77.5°	17.4	17.4	20.3	23.2	26.2	29.1	32.0	34.9	32.0	32.0	32.0
75°	17.4	20.3	20.3	23.2	26.2	29.1	32.0	34.9	34.9	34.9	34.9
72.5°	14.5	17.4	20.3	23.2	23.2	26.2	29.1	29.1	32.0	32.0	34.9
70°	14.5	17.4	20.3	20.3	23.2	23.2	26.2	29.1	29.1	32.0	32.0
67.5°	17.4	20.3	20.3	23.2	26.2	26.2	26.2	29.1	29.1	32.0	32.0
65°	20.3	23.2	23.2	26.2	29.1	29.1	32.0	32.0	32.0	34.9	34.9
62.5°	34.9	34.9	34.9	32.0	34.9	34.9	34.9	37.8	37.8	34.9	37.8
60°	180.2	130.8	90.1	113.3	101.7	46.5	46.5	46.5	43.6	43.6	40.7
57.5°	424.3	395.2	340.0	287.7	258.6	229.6	142.4	58.1	58.1	52.3	46.5
55°	709.1	613.2	572.5	502.7	427.2	392.3	325.5	220.9	104.6	69.7	61.0
52.5°	1098.5	1008.4	903.8	761.4	659.7	578.3	523.1	415.6	279.0	148.2	93.0
50°	1470.5	1429.8	1365.8	1226.4	1014.2	877.6	787.5	665.5	499.8	305.1	174.4
47.5°	2368.4	2028.4	1822.1	1714.6	1537.3	1278.7	1104.3	967.7	767.2	514.4	308.0
45°	2981.6	2766.6	2438.2	2211.5	1950.0	1676.8	1450.1	1293.2	1054.9	770.1	482.4
42.5°	3507.6	3321.6	3025.2	2693.9	2417.8	2060.4	1769.8	1563.5	1362.9	1052.0	720.7
40°	4184.7	3963.9	3679.1	3356.5	3033.9	2577.7	2106.9	1857.0	1636.1	1360.0	973.5
37.5°	5300.6	4911.2	4446.3	4088.8	3667.4	3280.9	2635.8	2194.1	1932.5	1644.8	1269.9
35°	6643.2	6216.0	5440.1	4966.4	4402.7	3827.3	3246.1	2592.2	2220.2	1915.1	1543.1
32.5°	7892.8	7268.0	6274.2	5719.1	5344.2	4283.5	3682.0	3115.3	2516.6	2141.8	1700.0
30°	8238.7	7549.9	6837.9	6189.9	5550.6	4693.3	3981.3	3539.6	2888.6	2278.3	1848.2
27.5°	7889.9	7416.2	6864.1	6262.5	5570.9	4835.7	4164.4	3743.0	3161.8	2371.3	1964.5
25°	7535.4	7041.4	6654.9	6152.1	5512.8	4826.9	4170.2	3870.9	3373.9	2551.5	2028.4
22.5°	7160.5	6852.5	6532.8	5971.9	5367.5	4853.1	4359.1	3981.3	3484.4	2754.9	2054.6
20°	7180.9	6980.3	6628.7	5878.9	5341.3	5007.1	4585.7	4120.8	3603.5	2932.2	2074.9
17.5°	7506.3	7244.8	6803.1	6152.1	5576.7	5164.1	4774.6	4312.6	3725.6	3089.1	2321.9
15°	7907.4	7509.2	7047.2	6474.7	5823.7	5335.5	4919.9	4446.3	3865.0	3234.4	2542.8
12.5°	8198.0	7631.3	7198.3	6681.0	6091.1	5521.5	5015.8	4548.0	3995.8	3353.6	2708.4
10°	8296.8	7782.4	7270.9	6808.9	6227.7	5620.3	5088.5	4611.9	4109.2	3446.6	2830.5
7.5°	8349.1	7913.2	7320.3	6867.0	6309.0	5681.3	5146.6	4646.8	4199.2	3510.5	2909.0
5°	8343.3	7982.9	7358.1	6884.4	6352.6	5707.5	5187.3	4655.5	4263.2	3565.7	2955.5
2.5°	8317.1	8029.4	7419.1	6913.5	6439.8	5756.9	5265.8	4672.9	4286.4	3626.8	2987.4
0°	8413.0	8032.3	7483.1	6922.2	6497.9	5774.3	5300.6	4658.4	4254.5	3644.2	2984.5
-2.5°	8206.7	7860.9	7468.5	6846.7	6419.5	5733.6	5236.7	4611.9	4184.7	3623.8	2972.9
-5°	8171.8	7735.9	7346.5	6776.9	6288.7	5649.4	5117.6	4524.7	4074.3	3557.0	2926.4
-7.5°	8078.8	7616.8	7227.3	6721.7	6166.6	5562.2	5004.2	4434.6	3955.1	3452.4	2859.6
-10°	7875.4	7433.7	7099.5	6602.5	6018.4	5437.2	4867.6	4315.5	3815.6	3310.0	2754.9
-12.5°	7584.8	7143.1	6811.8	6349.7	5832.4	5268.7	4704.9	4161.5	3655.8	3158.9	2630.0
-15°	7256.4	6808.9	6477.6	6056.2	5556.4	5007.1	4498.6	3966.8	3472.7	2999.0	2481.8
-17.5°	6884.4	6460.1	6140.5	5730.7	5233.8	4710.7	4205.1	3722.7	3260.6	2833.4	2310.3
-20°	6454.3	6041.7	5748.2	5338.4	4882.2	4373.6	3882.5	3426.2	3010.7	2609.6	2121.4

REPORT NUMBER: P722456

CATALOG NUMBER: IFLD-S-SA2E-735-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°	5922.5	5559.3	5225.1	4858.9	4460.8	3995.8	3539.6	3135.6	2737.5	2345.2	1926.7
-25°	5379.1	5027.5	4702.0	4367.8	3987.1	3586.1	3196.7	2830.5	2441.1	2086.5	1737.8
-27.5°	4774.6	4460.8	4170.2	3862.1	3513.4	3167.6	2847.9	2490.5	2153.4	1851.2	1551.8
-30°	4129.5	3873.8	3620.9	3347.8	3065.9	2775.3	2490.5	2153.4	1888.9	1647.7	1394.9
-32.5°	3510.5	3280.9	3077.5	2874.1	2630.0	2391.7	2138.9	1888.9	1668.1	1455.9	1243.8
-35°	2967.1	2723.0	2609.6	2446.9	2252.2	2037.1	1830.8	1656.4	1479.2	1287.4	1098.5
-37.5°	2496.3	2339.4	2205.7	2083.6	1929.6	1743.6	1595.4	1453.0	1304.8	1130.5	967.7
-40°	2127.2	2013.9	1880.2	1790.1	1665.2	1531.5	1383.3	1264.1	1139.2	996.8	863.1
-42.5°	1830.8	1737.8	1650.6	1554.7	1461.7	1348.4	1220.5	1107.2	993.9	889.3	778.8
-45°	1586.7	1519.9	1450.1	1371.7	1290.3	1191.5	1086.9	970.6	889.3	796.3	703.3
-47.5°	1386.2	1336.8	1278.7	1217.6	1147.9	1060.7	964.8	880.5	796.3	717.8	627.7
-50°	1226.4	1179.9	1133.4	1081.1	1020.0	944.5	871.8	793.4	714.9	639.3	555.1
-52.5°	1092.7	1052.0	1014.2	970.6	912.5	848.6	781.7	712.0	639.3	563.8	496.9
-55°	999.7	953.2	915.4	871.8	819.5	758.5	697.5	633.5	563.8	505.7	450.4
-57.5°	924.1	871.8	828.2	781.7	729.4	677.1	621.9	563.8	511.5	456.2	403.9
-60°	860.2	799.2	749.8	703.3	653.9	604.5	558.0	508.6	459.2	409.8	357.4
-62.5°	793.4	729.4	668.4	624.8	587.0	543.4	502.7	456.2	412.7	363.3	325.5
-65°	717.8	656.8	598.6	560.9	526.0	488.2	450.4	409.8	372.0	334.2	299.3
-67.5°	633.5	581.2	540.5	505.7	470.8	438.8	403.9	369.1	337.1	299.3	264.5
-70°	531.8	502.7	479.5	453.3	421.4	392.3	360.4	328.4	293.5	261.5	229.6
-72.5°	453.3	435.9	418.5	392.3	363.3	337.1	310.9	281.9	252.8	223.8	197.6
-75°	372.0	357.4	342.9	325.5	302.2	281.9	258.6	232.5	209.2	188.9	168.6
-77.5°	299.3	287.7	279.0	264.5	247.0	229.6	215.0	197.6	180.2	159.8	139.5
-80°	238.3	232.5	229.6	223.8	209.2	194.7	183.1	168.6	151.1	136.6	122.1
-82.5°	186.0	186.0	183.1	180.2	168.6	156.9	148.2	136.6	125.0	113.3	98.8
-85°	136.6	133.7	133.7	130.8	122.1	116.2	107.5	101.7	93.0	81.4	75.6
-87.5°	81.4	78.5	75.6	72.7	66.8	63.9	58.1	55.2	49.4	43.6	40.7
-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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CATALOG NUMBER: IFLD-S-SA2E-735-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0
85°	8.7	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
82.5°	17.4	17.4	14.5	14.5	11.6	8.7	5.8	5.8	5.8	2.9	2.9
80°	26.2	26.2	26.2	23.2	20.3	14.5	11.6	8.7	5.8	2.9	2.9
77.5°	32.0	29.1	29.1	26.2	26.2	23.2	17.4	14.5	8.7	5.8	2.9
75°	32.0	32.0	32.0	29.1	29.1	26.2	23.2	17.4	14.5	8.7	5.8
72.5°	34.9	32.0	32.0	32.0	29.1	26.2	23.2	20.3	17.4	11.6	5.8
70°	32.0	32.0	32.0	32.0	29.1	29.1	23.2	20.3	20.3	11.6	8.7
67.5°	32.0	32.0	32.0	29.1	29.1	26.2	23.2	20.3	20.3	14.5	8.7
65°	34.9	32.0	32.0	32.0	29.1	26.2	23.2	20.3	20.3	17.4	11.6
62.5°	37.8	34.9	34.9	32.0	29.1	26.2	23.2	20.3	20.3	17.4	11.6
60°	40.7	37.8	34.9	34.9	32.0	29.1	23.2	23.2	20.3	17.4	11.6
57.5°	43.6	40.7	40.7	37.8	34.9	32.0	26.2	23.2	20.3	17.4	14.5
55°	52.3	46.5	43.6	43.6	40.7	34.9	29.1	23.2	20.3	17.4	14.5
52.5°	69.7	55.2	49.4	49.4	46.5	40.7	32.0	26.2	20.3	17.4	14.5
50°	110.4	69.7	58.1	52.3	52.3	46.5	37.8	29.1	20.3	17.4	14.5
47.5°	174.4	116.2	69.7	61.0	58.1	55.2	43.6	29.1	23.2	17.4	14.5
45°	287.7	171.5	113.3	72.7	61.0	58.1	49.4	32.0	23.2	20.3	14.5
42.5°	395.2	267.4	174.4	87.2	72.7	63.9	52.3	34.9	26.2	20.3	14.5
40°	621.9	366.2	244.1	142.4	84.3	66.8	58.1	40.7	26.2	20.3	14.5
37.5°	842.8	485.3	328.4	209.2	95.9	75.6	61.0	43.6	29.1	20.3	17.4
35°	1063.6	680.0	406.8	279.0	127.9	90.1	63.9	46.5	29.1	20.3	17.4
32.5°	1261.2	863.1	488.2	348.7	191.8	107.5	69.7	49.4	32.0	23.2	17.4
30°	1424.0	1031.6	633.5	409.8	249.9	130.8	75.6	49.4	34.9	23.2	17.4
27.5°	1546.0	1162.4	781.7	473.7	299.3	154.0	87.2	55.2	34.9	23.2	17.4
25°	1644.8	1264.1	912.5	540.5	342.9	191.8	104.6	58.1	37.8	26.2	17.4
22.5°	1723.3	1348.4	1020.0	630.6	395.2	229.6	127.9	63.9	37.8	26.2	17.4
20°	1830.8	1432.7	1092.7	726.5	450.4	264.5	148.2	69.7	37.8	26.2	20.3
17.5°	1923.8	1517.0	1150.8	807.9	505.7	290.6	171.5	75.6	40.7	26.2	20.3
15°	2031.3	1598.3	1203.1	871.8	558.0	313.9	191.8	81.4	40.7	29.1	20.3
12.5°	2147.6	1673.9	1240.9	924.1	613.2	334.2	209.2	93.0	43.6	29.1	20.3
10°	2266.7	1737.8	1272.9	961.9	653.9	354.5	220.9	104.6	46.5	29.1	20.3
7.5°	2385.9	1795.9	1313.5	979.3	671.3	377.8	226.7	116.2	46.5	32.0	20.3
5°	2467.2	1833.7	1371.7	991.0	680.0	403.9	235.4	130.8	49.4	32.0	20.3
2.5°	2537.0	1857.0	1432.7	999.7	682.9	418.5	232.5	139.5	52.3	32.0	20.3
0°	2568.9	1857.0	1473.4	993.9	674.2	433.0	232.5	148.2	52.3	32.0	20.3
-2.5°	2519.5	1909.3	1461.7	996.8	677.1	433.0	244.1	151.1	58.1	34.9	20.3
-5°	2441.1	1929.6	1426.9	982.2	671.3	433.0	258.6	154.0	61.0	34.9	23.2
-7.5°	2365.5	1938.3	1386.2	967.7	662.6	421.4	261.5	151.1	66.8	37.8	23.2
-10°	2266.7	1842.4	1333.9	941.6	645.1	412.7	267.4	151.1	69.7	37.8	23.2
-12.5°	2153.4	1726.2	1269.9	903.8	624.8	403.9	270.3	151.1	72.7	40.7	23.2
-15°	2022.6	1607.0	1197.3	863.1	595.7	392.3	264.5	148.2	75.6	40.7	26.2
-17.5°	1874.4	1490.8	1121.7	813.7	563.8	377.8	252.8	145.3	75.6	40.7	26.2
-20°	1705.9	1374.6	1037.5	764.3	526.0	360.4	241.2	139.5	75.6	40.7	26.2

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CATALOG NUMBER: IFLD-S-SA2E-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1554.7	1267.0	950.3	709.1	485.3	340.0	226.7	133.7	75.6	43.6	26.2
-25°	1429.8	1162.4	883.4	653.9	441.7	316.8	212.1	127.9	75.6	43.6	26.2
-27.5°	1299.0	1049.1	813.7	601.6	412.7	296.4	197.6	122.1	72.7	43.6	26.2
-30°	1165.3	938.7	741.0	543.4	383.6	276.1	186.0	113.3	72.7	43.6	26.2
-32.5°	1043.3	848.6	674.2	485.3	351.6	255.7	174.4	110.4	69.7	43.6	26.2
-35°	924.1	767.2	604.5	438.8	316.8	235.4	162.7	107.5	69.7	43.6	26.2
-37.5°	825.3	691.6	540.5	406.8	296.4	218.0	151.1	101.7	66.8	43.6	26.2
-40°	743.9	621.9	479.5	372.0	279.0	200.5	139.5	98.8	66.8	43.6	26.2
-42.5°	668.4	555.1	441.7	342.9	261.5	188.9	130.8	95.9	63.9	43.6	26.2
-45°	601.6	496.9	403.9	316.8	241.2	174.4	125.0	90.1	61.0	43.6	29.1
-47.5°	534.7	456.2	369.1	293.5	220.9	156.9	119.1	87.2	58.1	40.7	29.1
-50°	482.4	412.7	340.0	267.4	200.5	151.1	113.3	81.4	58.1	40.7	29.1
-52.5°	435.9	372.0	308.0	241.2	183.1	142.4	107.5	75.6	55.2	40.7	29.1
-55°	392.3	334.2	276.1	215.0	171.5	133.7	98.8	69.7	55.2	40.7	29.1
-57.5°	348.7	299.3	244.1	194.7	156.9	125.0	93.0	69.7	55.2	40.7	29.1
-60°	313.9	267.4	220.9	180.2	145.3	113.3	84.3	66.8	52.3	40.7	29.1
-62.5°	284.8	241.2	200.5	162.7	133.7	101.7	81.4	66.8	52.3	40.7	26.2
-65°	255.7	218.0	180.2	148.2	119.1	95.9	78.5	63.9	52.3	40.7	26.2
-67.5°	226.7	191.8	162.7	130.8	110.4	93.0	75.6	63.9	49.4	37.8	26.2
-70°	197.6	168.6	142.4	122.1	104.6	87.2	72.7	61.0	49.4	34.9	23.2
-72.5°	174.4	148.2	127.9	113.3	98.8	84.3	69.7	58.1	46.5	32.0	20.3
-75°	148.2	130.8	116.2	101.7	90.1	78.5	66.8	52.3	40.7	29.1	20.3
-77.5°	125.0	113.3	101.7	93.0	81.4	69.7	58.1	46.5	37.8	26.2	17.4
-80°	107.5	98.8	90.1	81.4	72.7	61.0	52.3	40.7	32.0	23.2	14.5
-82.5°	87.2	81.4	72.7	66.8	61.0	52.3	43.6	34.9	23.2	17.4	11.6
-85°	66.8	61.0	58.1	52.3	46.5	37.8	29.1	23.2	17.4	11.6	5.8
-87.5°	34.9	32.0	29.1	26.2	23.2	17.4	14.5	11.6	8.7	5.8	2.9
-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-SA2E-735-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°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	2.9	2.9	0.0	0.0
67.5°	5.8	2.9	0.0	0.0
65°	5.8	2.9	0.0	0.0
62.5°	5.8	2.9	0.0	0.0
60°	5.8	2.9	0.0	0.0
57.5°	8.7	2.9	2.9	0.0
55°	8.7	2.9	2.9	0.0
52.5°	8.7	2.9	2.9	0.0
50°	8.7	5.8	2.9	0.0
47.5°	8.7	5.8	2.9	0.0
45°	8.7	5.8	2.9	0.0
42.5°	8.7	5.8	2.9	0.0
40°	11.6	5.8	2.9	0.0
37.5°	11.6	5.8	2.9	0.0
35°	11.6	5.8	2.9	0.0
32.5°	11.6	5.8	2.9	0.0
30°	11.6	5.8	2.9	0.0
27.5°	11.6	8.7	2.9	0.0
25°	11.6	8.7	2.9	0.0
22.5°	14.5	8.7	2.9	0.0
20°	14.5	8.7	2.9	0.0
17.5°	14.5	8.7	2.9	0.0
15°	14.5	8.7	2.9	0.0
12.5°	14.5	8.7	2.9	0.0
10°	14.5	8.7	2.9	0.0
7.5°	14.5	8.7	2.9	0.0
5°	14.5	8.7	2.9	0.0
2.5°	14.5	8.7	2.9	0.0
0°	14.5	8.7	2.9	0.0
-2.5°	14.5	8.7	2.9	0.0
-5°	14.5	8.7	2.9	0.0
-7.5°	14.5	8.7	2.9	0.0
-10°	14.5	8.7	2.9	0.0
-12.5°	17.4	8.7	2.9	0.0
-15°	17.4	8.7	2.9	0.0
-17.5°	17.4	8.7	2.9	0.0
-20°	17.4	8.7	2.9	0.0

REPORT NUMBER: P722456

CATALOG NUMBER: IFLD-S-SA2E-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.4	8.7	2.9	0.0
-25°	17.4	8.7	2.9	0.0
-27.5°	17.4	8.7	2.9	0.0
-30°	17.4	8.7	2.9	0.0
-32.5°	17.4	8.7	2.9	0.0
-35°	17.4	8.7	2.9	0.0
-37.5°	17.4	8.7	2.9	0.0
-40°	17.4	8.7	2.9	0.0
-42.5°	14.5	8.7	2.9	0.0
-45°	17.4	8.7	2.9	0.0
-47.5°	17.4	8.7	2.9	0.0
-50°	17.4	8.7	2.9	0.0
-52.5°	17.4	8.7	2.9	0.0
-55°	17.4	8.7	2.9	0.0
-57.5°	17.4	8.7	2.9	0.0
-60°	17.4	8.7	2.9	0.0
-62.5°	14.5	8.7	2.9	0.0
-65°	14.5	5.8	2.9	0.0
-67.5°	14.5	5.8	2.9	0.0
-70°	14.5	5.8	2.9	0.0
-72.5°	11.6	5.8	2.9	0.0
-75°	11.6	5.8	2.9	0.0
-77.5°	8.7	2.9	0.0	0.0
-80°	8.7	2.9	0.0	0.0
-82.5°	5.8	2.9	0.0	0.0
-85°	2.9	2.9	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)