

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: P722448

Luminaire Tested: **IFLD-L-SA8A-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722448
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31896.5 lumens	Max Intensity:	22267.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	128.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	20348.6 lumens	Field Lumens:	30071.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

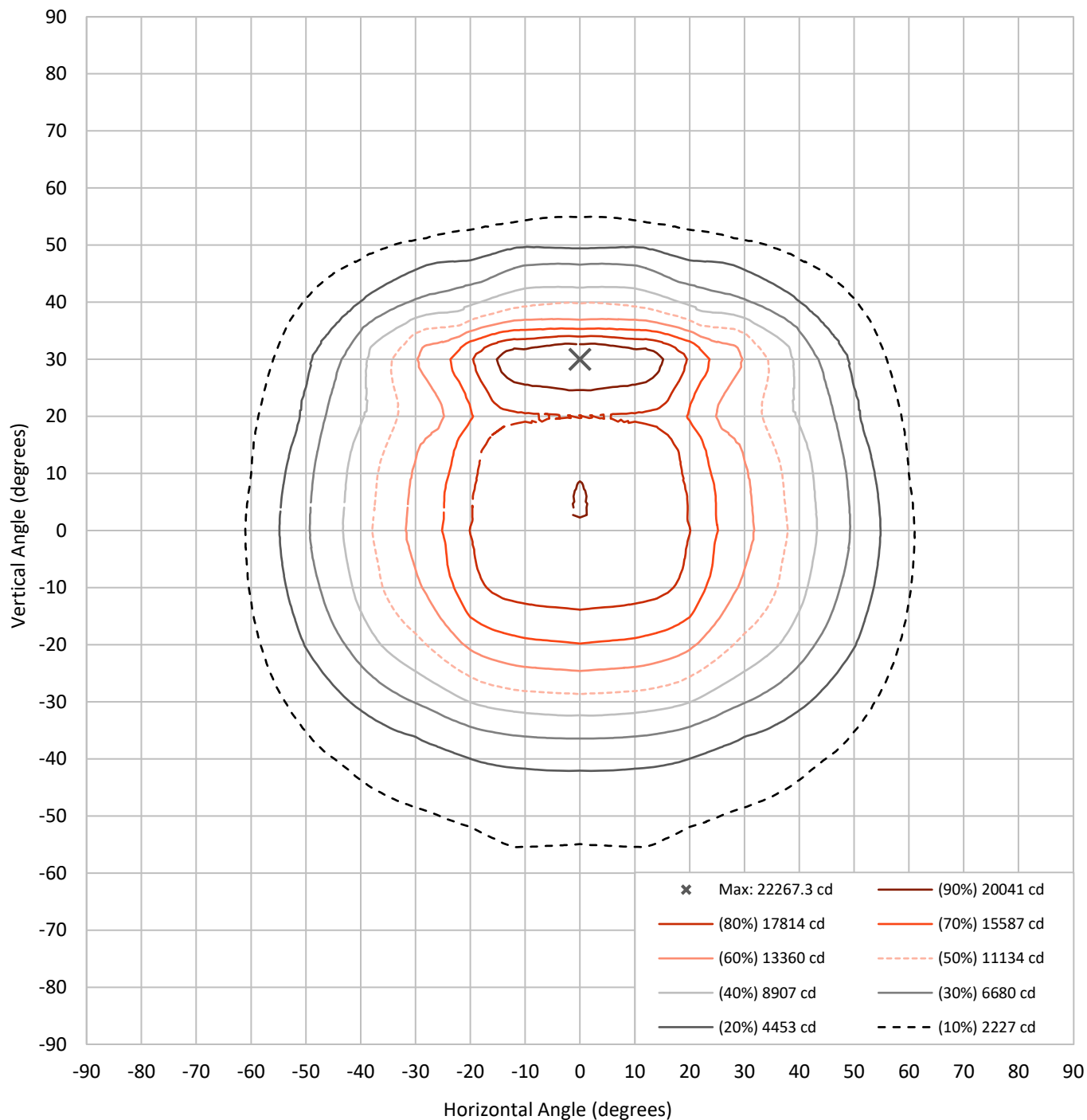
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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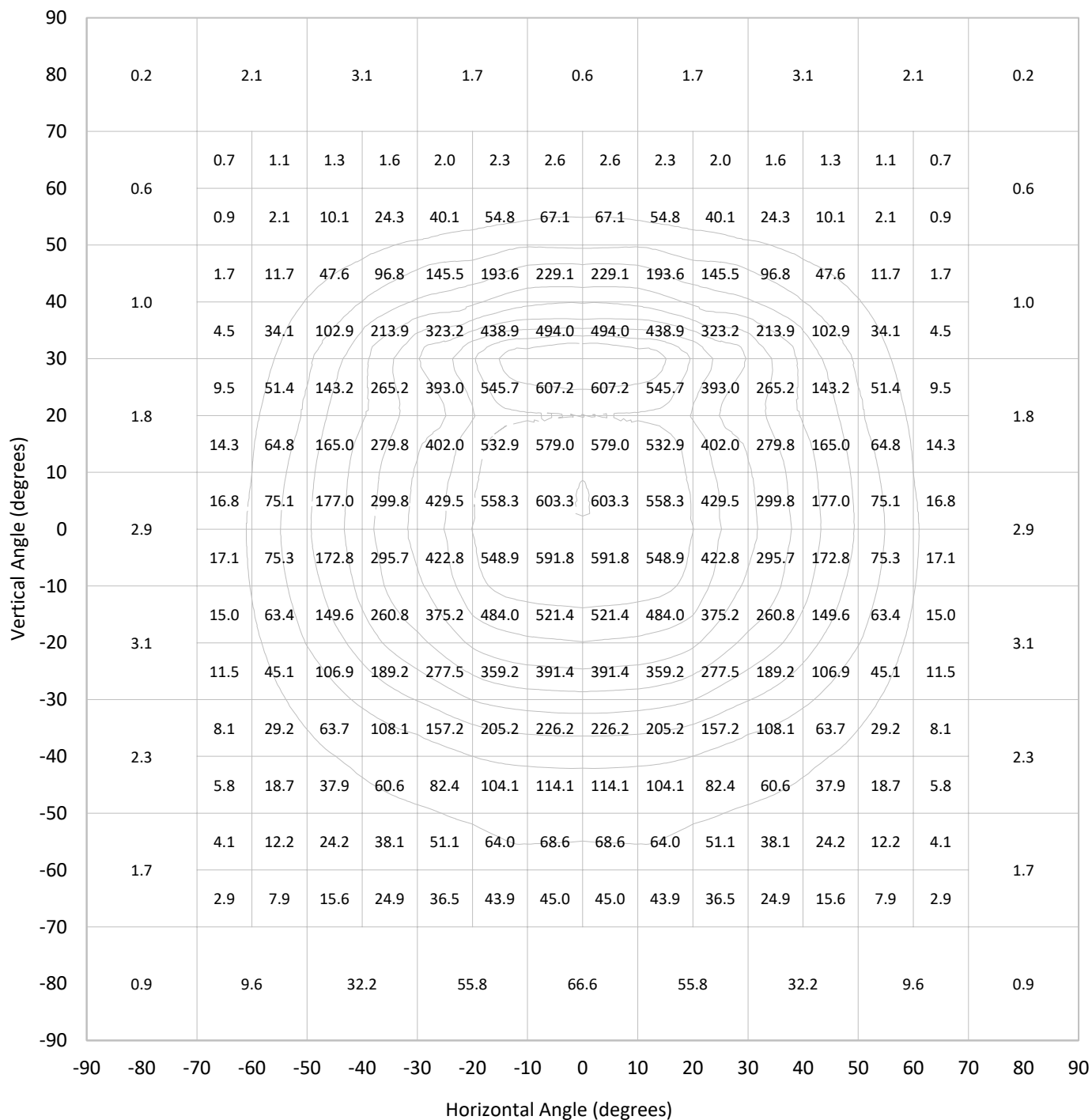
Iso-Candela Plot



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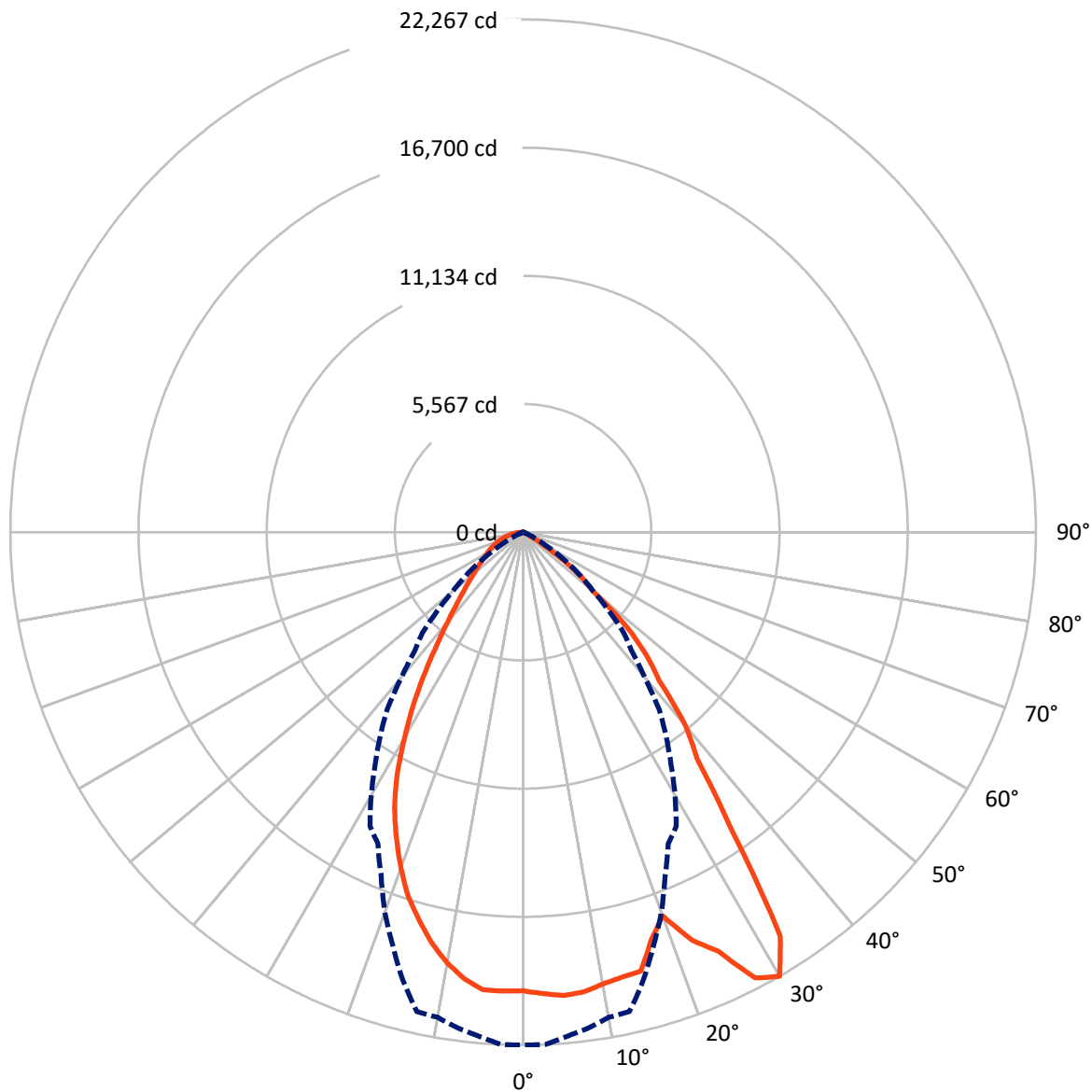
Lumen Table



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Luminous Intensity Polar Plot



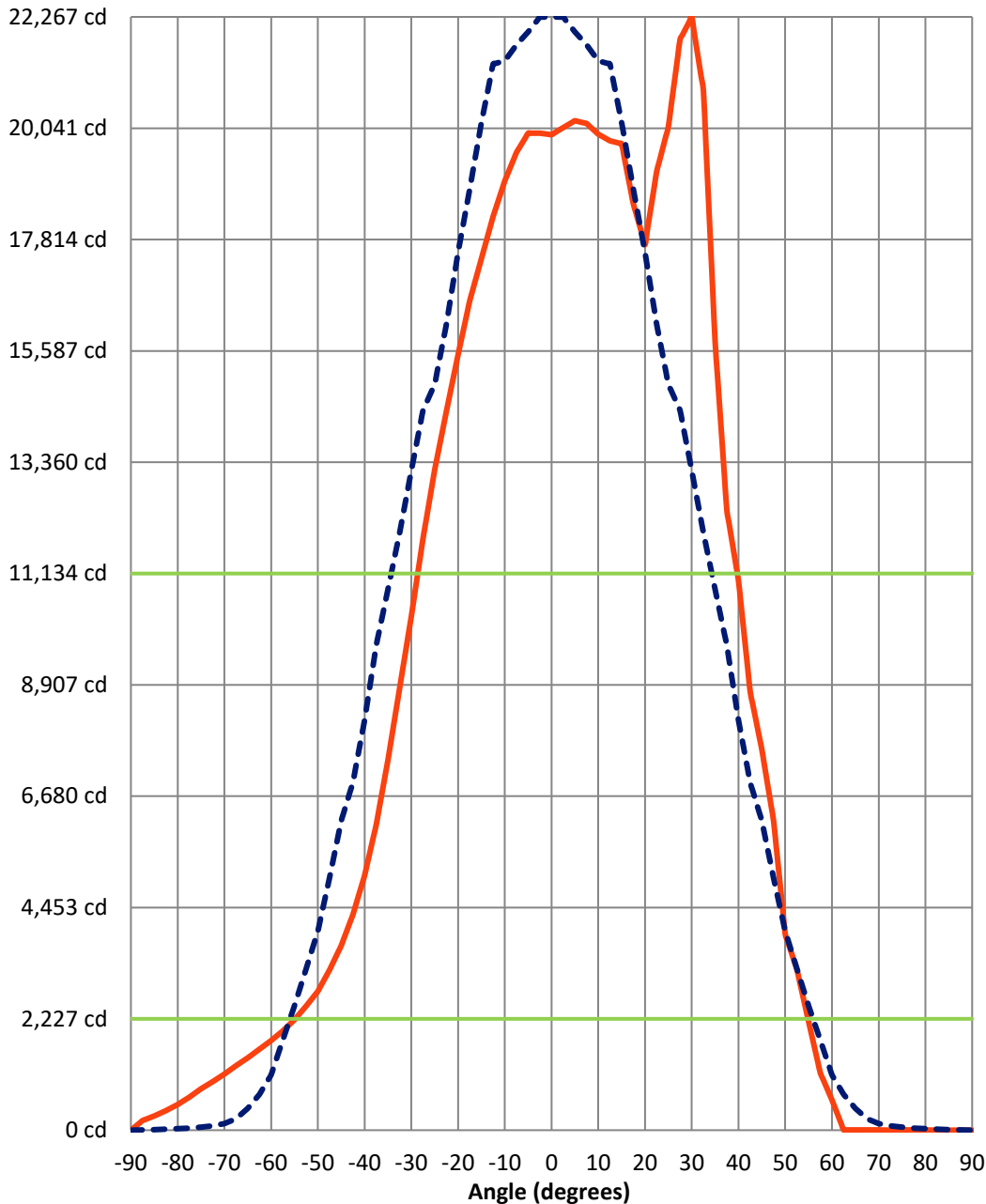
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 20348.6
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 30071.2
Efficiency: 94.3%

Spill:

Lumens: 1825.3
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	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	10.2	10.2	15.2
82.5°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	15.2	15.2	20.3
80°	5.1	5.1	5.1	5.1	10.2	10.2	10.2	15.2	15.2	20.3	20.3
77.5°	5.1	5.1	5.1	10.2	10.2	10.2	15.2	15.2	20.3	20.3	25.4
75°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	15.2	20.3	20.3	25.4
72.5°	0.0	5.1	5.1	10.2	10.2	15.2	15.2	15.2	20.3	20.3	20.3
70°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	15.2	20.3	20.3	20.3
67.5°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	20.3	20.3	20.3	25.4
65°	5.1	5.1	5.1	10.2	15.2	15.2	20.3	25.4	25.4	30.5	35.5
62.5°	5.1	10.2	10.2	15.2	20.3	25.4	55.9	86.3	86.3	60.9	50.8
60°	604.3	655.1	650.0	589.1	512.9	431.6	416.4	401.2	370.7	325.0	340.2
57.5°	1147.6	1208.6	1234.0	1218.7	1178.1	1107.0	1066.4	1020.7	959.8	888.7	807.4
55°	2173.4	2198.8	2142.9	2036.3	1919.5	1802.7	1762.1	1701.2	1609.7	1518.3	1396.5
52.5°	3214.4	3300.7	3275.4	3168.7	3011.3	2803.1	2574.6	2396.8	2290.2	2188.6	2066.8
50°	3925.3	3960.9	4032.0	4158.9	4204.6	4062.4	3691.8	3214.4	2874.2	3046.8	2914.8
47.5°	6195.2	6373.0	6337.4	6246.0	6093.7	5707.7	5189.8	4763.2	4407.8	4291.0	4311.3
45°	7612.0	7683.1	7657.7	7617.1	7546.0	7185.5	6611.6	5956.6	5626.5	5494.5	5357.4
42.5°	8774.9	8851.1	8866.3	8871.4	8795.2	8465.1	7947.2	7292.1	6962.0	6581.2	6281.6
40°	10994.0	11105.7	10978.8	10811.2	10557.3	10181.5	9673.7	9069.4	8485.4	8018.3	7662.8
37.5°	12410.8	12547.9	12598.7	12588.5	12532.7	12370.2	11745.6	11171.7	10278.0	9231.9	9419.8
35°	15772.5	15914.6	15874.0	15721.7	15640.4	15467.8	14858.4	14178.0	13055.7	11918.2	11613.5
32.5°	20784.5	21094.3	20515.4	19880.6	19489.6	19626.7	19007.2	17341.6	16823.6	14772.1	13822.5
30°	22267.3	22262.2	21967.7	21708.7	21388.8	21322.8	20154.8	18824.4	17554.9	16117.8	14919.3
27.5°	21815.4	21724.0	21475.1	21287.2	20987.6	20830.2	19687.6	18631.4	17163.9	15879.1	14721.3
25°	20073.6	20144.7	19890.8	19855.2	19738.4	19433.7	18865.0	17676.7	16366.6	14944.7	14111.9
22.5°	19174.8	19149.4	18844.7	18667.0	18809.1	18484.1	18255.6	17057.2	15691.2	14492.8	13492.4
20°	17712.3	17717.4	17641.2	17626.0	17539.6	17392.4	17209.6	16361.5	15396.7	14370.9	13167.4
17.5°	18529.8	18738.1	18829.5	18072.8	18286.1	18118.5	17925.6	16742.4	16016.2	15107.2	13538.1
15°	19728.3	19652.1	19560.7	19520.1	19403.3	19245.9	18895.5	17951.0	16701.7	15762.3	14538.5
12.5°	19789.2	19641.9	19606.4	19601.3	19479.4	19261.1	18920.9	18138.8	17031.8	15889.3	14894.0
10°	19921.2	19768.9	19748.6	19774.0	19586.1	19449.0	19108.7	18382.6	17133.4	16107.6	15168.2
7.5°	20134.5	19880.6	19997.4	19921.2	19834.9	19616.6	19250.9	18540.0	17504.1	16397.1	15411.9
5°	20190.4	19911.1	20038.0	19966.9	19840.0	19626.7	19230.6	18641.6	17732.6	16513.9	15508.4
2.5°	20053.3	19972.0	19916.2	19784.1	19728.3	19494.7	19118.9	18489.2	17626.0	16463.1	15488.1
0°	19911.1	19982.2	19855.2	19723.2	19697.8	19509.9	19190.0	18621.3	17874.8	16605.3	15660.7
-2.5°	19941.6	19885.7	19799.4	19662.3	19530.2	19261.1	18971.6	18438.4	17636.1	16295.5	15417.0
-5°	19941.6	19682.6	19692.7	19697.8	19565.8	19286.5	18936.1	18484.1	17493.9	16290.4	15345.9
-7.5°	19555.6	19332.2	19296.6	19266.2	19230.6	18971.6	18697.4	18133.8	17255.3	16158.4	15147.9
-10°	18986.9	18768.5	18788.8	18743.1	18631.4	18458.8	18250.6	17742.7	17021.7	15742.0	14746.7
-12.5°	18275.9	18179.5	18123.6	18047.4	17935.7	17783.4	17570.1	17092.8	16320.9	15229.1	14284.6
-15°	17433.0	17361.9	17311.1	17265.4	17102.9	16945.5	16666.2	16224.4	15742.0	14569.0	13604.1
-17.5°	16590.0	16412.3	16341.2	16280.3	16173.6	15919.7	15665.8	15335.7	14660.4	13731.1	12903.4
-20°	15508.4	15401.8	15315.4	15234.2	15081.8	14883.8	14675.6	14294.7	13710.8	12959.2	12101.0



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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°	14376.0	14315.1	14244.0	14142.4	14040.8	13853.0	13563.5	13197.9	12740.9	11928.4	11126.0
-25°	13208.0	13091.2	13004.9	12908.4	12827.2	12654.5	12375.2	12024.9	11451.0	10750.3	10080.0
-27.5°	11831.9	11720.2	11674.5	11562.7	11491.7	11334.2	11054.9	10729.9	10212.0	9622.9	8942.5
-30°	10278.0	10298.3	10247.5	10140.9	10054.6	9851.4	9638.2	9363.9	8957.7	8394.0	7784.7
-32.5°	8840.9	8866.3	8805.4	8693.6	8581.9	8434.7	8236.6	7987.8	7683.1	7144.8	6616.7
-35°	7403.8	7393.7	7342.9	7276.9	7200.7	7078.8	6855.4	6667.5	6317.1	5941.3	5575.7
-37.5°	6114.0	6139.4	6124.1	6088.6	6002.3	5900.7	5717.9	5545.2	5286.3	4956.2	4671.8
-40°	5093.3	5123.8	5103.5	5067.9	4991.7	4930.8	4808.9	4656.6	4448.4	4164.0	3925.3
-42.5°	4311.3	4331.6	4306.2	4275.7	4209.7	4164.0	4067.5	3940.6	3767.9	3549.6	3336.3
-45°	3691.8	3696.8	3671.4	3651.1	3600.3	3544.5	3463.2	3361.7	3224.6	3072.2	2899.6
-47.5°	3204.3	3199.2	3173.8	3153.5	3112.9	3062.1	2996.1	2904.7	2798.0	2681.2	2544.1
-50°	2777.7	2803.1	2792.9	2772.6	2742.2	2706.6	2640.6	2544.1	2437.5	2351.1	2254.7
-52.5°	2483.2	2488.3	2483.2	2483.2	2478.1	2452.7	2376.5	2280.1	2163.3	2087.1	2005.8
-55°	2209.0	2234.3	2244.5	2254.7	2259.7	2259.7	2168.3	2066.8	1955.1	1878.9	1817.9
-57.5°	1985.5	2000.8	2010.9	2036.3	2056.6	2071.8	1990.6	1899.2	1812.9	1741.8	1685.9
-60°	1792.6	1812.9	1828.1	1853.5	1868.7	1878.9	1828.1	1767.2	1716.4	1670.7	1589.4
-62.5°	1619.9	1635.1	1650.4	1665.6	1680.8	1691.0	1670.7	1640.2	1614.8	1594.5	1493.0
-65°	1447.2	1462.5	1477.7	1498.0	1513.3	1523.4	1518.3	1498.0	1477.7	1457.4	1366.0
-67.5°	1289.8	1305.1	1325.4	1330.5	1340.6	1345.7	1335.5	1320.3	1294.9	1269.5	1198.4
-70°	1122.3	1132.4	1142.6	1142.6	1142.6	1137.5	1127.3	1107.0	1081.6	1046.1	990.2
-72.5°	969.9	980.1	990.2	975.0	964.8	949.6	934.4	909.0	883.6	858.2	827.7
-75°	827.7	832.8	832.8	812.5	797.3	782.0	761.7	746.5	721.1	700.8	675.4
-77.5°	660.1	660.1	660.1	644.9	634.8	624.6	609.4	594.1	573.8	558.6	538.3
-80°	512.9	512.9	512.9	507.8	492.6	482.4	472.3	462.1	446.9	436.7	426.6
-82.5°	391.0	391.0	391.0	385.9	375.8	370.7	360.5	350.4	345.3	335.2	330.1
-85°	284.4	289.4	289.4	284.4	279.3	269.1	264.1	259.0	253.9	248.8	238.7
-87.5°	193.0	193.0	193.0	187.9	182.8	182.8	177.7	167.6	157.4	152.3	147.3
-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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	15.2	15.2	15.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	15.2
82.5°	25.4	25.4	30.5	30.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
80°	25.4	30.5	35.5	40.6	45.7	50.8	50.8	50.8	50.8	45.7	45.7
77.5°	30.5	30.5	35.5	40.6	45.7	50.8	55.9	60.9	55.9	55.9	55.9
75°	30.5	35.5	35.5	40.6	45.7	50.8	55.9	60.9	60.9	60.9	60.9
72.5°	25.4	30.5	35.5	40.6	40.6	45.7	50.8	50.8	55.9	55.9	60.9
70°	25.4	30.5	35.5	35.5	40.6	40.6	45.7	50.8	50.8	55.9	55.9
67.5°	30.5	35.5	35.5	40.6	45.7	45.7	45.7	50.8	50.8	55.9	55.9
65°	35.5	40.6	40.6	45.7	50.8	50.8	55.9	55.9	55.9	60.9	60.9
62.5°	60.9	60.9	60.9	55.9	60.9	60.9	60.9	66.0	66.0	60.9	66.0
60°	314.8	228.5	157.4	198.0	177.7	81.2	81.2	81.2	76.2	76.2	71.1
57.5°	741.4	690.6	594.1	502.7	451.9	401.2	248.8	101.6	101.6	91.4	81.2
55°	1239.0	1071.5	1000.4	878.5	746.5	685.5	568.7	385.9	182.8	121.9	106.6
52.5°	1919.5	1762.1	1579.3	1330.5	1152.7	1010.5	914.1	726.2	487.5	259.0	162.5
50°	2569.5	2498.4	2386.7	2142.9	1772.2	1533.6	1376.2	1162.9	873.4	533.2	304.7
47.5°	4138.6	3544.5	3183.9	2996.1	2686.3	2234.3	1929.7	1691.0	1340.6	898.8	538.3
45°	5210.1	4834.3	4260.5	3864.4	3407.4	2930.0	2534.0	2259.7	1843.3	1345.7	843.0
42.5°	6129.2	5804.2	5286.3	4707.4	4224.9	3600.3	3092.5	2732.0	2381.6	1838.3	1259.4
40°	7312.4	6926.5	6428.8	5865.2	5301.5	4504.2	3681.6	3244.9	2858.9	2376.5	1701.2
37.5°	9262.4	8581.9	7769.4	7144.8	6408.5	5733.1	4605.8	3833.9	3376.9	2874.2	2219.1
35°	11608.5	10862.0	9506.1	8678.4	7693.3	6687.8	5672.2	4529.6	3879.6	3346.4	2696.5
32.5°	13792.0	12700.2	10963.5	9993.6	9338.6	7485.1	6433.9	5443.7	4397.6	3742.5	2970.7
30°	14396.3	13192.8	11948.7	10816.3	9699.1	8201.1	6956.9	6185.1	5047.6	3981.2	3229.6
27.5°	13786.9	12959.2	11994.4	10943.2	9734.6	8449.9	7276.9	6540.5	5524.9	4143.7	3432.8
25°	13167.4	12304.1	11628.8	10750.3	9633.1	8434.7	7287.0	6764.0	5895.6	4458.5	3544.5
22.5°	12512.3	11974.1	11415.5	10435.4	9379.2	8480.4	7617.1	6956.9	6088.6	4814.0	3590.2
20°	12547.9	12197.5	11583.1	10272.9	9333.5	8749.5	8013.2	7200.7	6296.8	5123.8	3625.7
17.5°	13116.6	12659.6	11887.7	10750.3	9744.8	9023.7	8343.3	7535.8	6510.1	5398.0	4057.4
15°	13817.4	13121.7	12314.3	11313.9	10176.4	9323.3	8597.2	7769.4	6753.8	5651.9	4443.3
12.5°	14325.2	13335.0	12578.4	11674.5	10643.6	9648.3	8764.7	7947.2	6982.3	5860.1	4732.8
10°	14497.9	13599.1	12705.3	11897.9	10882.3	9821.0	8891.7	8058.9	7180.4	6022.6	4946.0
7.5°	14589.3	13827.6	12791.6	11999.5	11024.5	9927.6	8993.2	8119.8	7337.8	6134.3	5083.1
5°	14579.1	13949.4	12857.7	12029.9	11100.6	9973.3	9064.3	8135.1	7449.5	6230.8	5164.4
2.5°	14533.4	14030.7	12964.3	12080.7	11253.0	10059.6	9201.4	8165.5	7490.1	6337.4	5220.2
0°	14701.0	14035.8	13076.0	12095.9	11354.5	10090.1	9262.4	8140.1	7434.3	6367.9	5215.2
-2.5°	14340.4	13736.2	13050.6	11963.9	11217.4	10019.0	9150.7	8058.9	7312.4	6332.3	5194.9
-5°	14279.5	13517.8	12837.3	11842.0	10988.9	9871.8	8942.5	7906.5	7119.4	6215.5	5113.6
-7.5°	14117.0	13309.6	12629.1	11745.6	10775.6	9719.4	8744.4	7749.1	6911.2	6032.7	4996.8
-10°	13761.5	12989.7	12405.7	11537.4	10516.7	9501.1	8505.8	7540.9	6667.5	5783.9	4814.0
-12.5°	13253.7	12481.9	11903.0	11095.6	10191.7	9206.5	8221.4	7271.8	6388.2	5519.9	4595.6
-15°	12679.9	11897.9	11319.0	10582.7	9709.3	8749.5	7860.8	6931.6	6068.3	5240.6	4336.7
-17.5°	12029.9	11288.5	10729.9	10013.9	9145.6	8231.5	7348.0	6505.0	5697.6	4951.1	4037.1
-20°	11278.4	10557.3	10044.4	9328.4	8531.1	7642.5	6784.3	5987.0	5260.9	4560.1	3707.0

REPORT NUMBER: P722448

CATALOG NUMBER: IFLD-L-SA8A-730-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°	10349.1	9714.3	9130.4	8490.5	7794.8	6982.3	6185.1	5479.2	4783.5	4098.0	3366.8
-25°	9399.5	8785.0	8216.3	7632.3	6967.1	6266.3	5585.9	4946.0	4265.6	3646.0	3036.7
-27.5°	8343.3	7794.8	7287.0	6748.7	6139.4	5535.1	4976.5	4351.9	3762.8	3234.7	2711.7
-30°	7215.9	6769.1	6327.3	5849.9	5357.4	4849.5	4351.9	3762.8	3300.7	2879.3	2437.5
-32.5°	6134.3	5733.1	5377.7	5022.2	4595.6	4179.2	3737.5	3300.7	2914.8	2544.1	2173.4
-35°	5184.7	4758.1	4560.1	4275.7	3935.5	3559.7	3199.2	2894.5	2584.7	2249.6	1919.5
-37.5°	4362.1	4087.8	3854.2	3641.0	3371.8	3046.8	2787.9	2539.0	2280.1	1975.4	1691.0
-40°	3717.1	3519.1	3285.5	3128.1	2909.7	2676.1	2417.2	2209.0	1990.6	1741.8	1508.2
-42.5°	3199.2	3036.7	2884.3	2716.8	2554.3	2356.2	2132.8	1934.7	1736.7	1553.9	1360.9
-45°	2772.6	2655.8	2534.0	2396.8	2254.7	2082.0	1899.2	1696.1	1553.9	1391.4	1228.9
-47.5°	2422.2	2335.9	2234.3	2127.7	2005.8	1853.5	1685.9	1538.7	1391.4	1254.3	1096.9
-50°	2142.9	2061.7	1980.4	1889.0	1782.4	1650.4	1523.4	1386.3	1249.2	1117.2	969.9
-52.5°	1909.4	1838.3	1772.2	1696.1	1594.5	1482.8	1366.0	1244.1	1117.2	985.1	868.3
-55°	1746.9	1665.6	1599.6	1523.4	1432.0	1325.4	1218.7	1107.0	985.1	883.6	787.1
-57.5°	1614.8	1523.4	1447.2	1366.0	1274.6	1183.2	1086.7	985.1	893.7	797.3	705.9
-60°	1503.1	1396.5	1310.1	1228.9	1142.6	1056.2	975.0	888.7	802.3	716.0	624.6
-62.5°	1386.3	1274.6	1168.0	1091.8	1025.8	949.6	878.5	797.3	721.1	634.8	568.7
-65°	1254.3	1147.6	1046.1	980.1	919.1	853.1	787.1	716.0	650.0	584.0	523.0
-67.5°	1107.0	1015.6	944.5	883.6	822.6	766.8	705.9	644.9	589.1	523.0	462.1
-70°	929.3	878.5	837.9	792.2	736.3	685.5	629.7	573.8	512.9	457.0	401.2
-72.5°	792.2	761.7	731.2	685.5	634.8	589.1	543.4	492.6	441.8	391.0	345.3
-75°	650.0	624.6	599.2	568.7	528.1	492.6	451.9	406.2	365.6	330.1	294.5
-77.5°	523.0	502.7	487.5	462.1	431.6	401.2	375.8	345.3	314.8	279.3	243.7
-80°	416.4	406.2	401.2	391.0	365.6	340.2	319.9	294.5	264.1	238.7	213.3
-82.5°	325.0	325.0	319.9	314.8	294.5	274.2	259.0	238.7	218.4	198.0	172.7
-85°	238.7	233.6	233.6	228.5	213.3	203.1	187.9	177.7	162.5	142.2	132.0
-87.5°	142.2	137.1	132.0	127.0	116.8	111.7	101.6	96.5	86.3	76.2	71.1
-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-L-SA8A-730-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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	0.0	0.0
85°	15.2	10.2	10.2	10.2	10.2	10.2	5.1	5.1	5.1	5.1	5.1
82.5°	30.5	30.5	25.4	25.4	20.3	15.2	10.2	10.2	10.2	5.1	5.1
80°	45.7	45.7	45.7	40.6	35.5	25.4	20.3	15.2	10.2	5.1	5.1
77.5°	55.9	50.8	50.8	45.7	45.7	40.6	30.5	25.4	15.2	10.2	5.1
75°	55.9	55.9	55.9	50.8	50.8	45.7	40.6	30.5	25.4	15.2	10.2
72.5°	60.9	55.9	55.9	55.9	50.8	45.7	40.6	35.5	30.5	20.3	10.2
70°	55.9	55.9	55.9	55.9	50.8	50.8	40.6	35.5	35.5	20.3	15.2
67.5°	55.9	55.9	55.9	50.8	50.8	45.7	40.6	35.5	35.5	25.4	15.2
65°	60.9	55.9	55.9	55.9	50.8	45.7	40.6	35.5	35.5	30.5	20.3
62.5°	66.0	60.9	60.9	55.9	50.8	45.7	40.6	35.5	35.5	30.5	20.3
60°	71.1	66.0	60.9	60.9	55.9	50.8	40.6	40.6	35.5	30.5	20.3
57.5°	76.2	71.1	71.1	66.0	60.9	55.9	45.7	40.6	35.5	30.5	25.4
55°	91.4	81.2	76.2	76.2	71.1	60.9	50.8	40.6	35.5	30.5	25.4
52.5°	121.9	96.5	86.3	86.3	81.2	71.1	55.9	45.7	35.5	30.5	25.4
50°	193.0	121.9	101.6	91.4	91.4	81.2	66.0	50.8	35.5	30.5	25.4
47.5°	304.7	203.1	121.9	106.6	101.6	96.5	76.2	50.8	40.6	30.5	25.4
45°	502.7	299.6	198.0	127.0	106.6	101.6	86.3	55.9	40.6	35.5	25.4
42.5°	690.6	467.2	304.7	152.3	127.0	111.7	91.4	60.9	45.7	35.5	25.4
40°	1086.7	639.8	426.6	248.8	147.3	116.8	101.6	71.1	45.7	35.5	25.4
37.5°	1472.6	848.0	573.8	365.6	167.6	132.0	106.6	76.2	50.8	35.5	30.5
35°	1858.6	1188.3	710.9	487.5	223.4	157.4	111.7	81.2	50.8	35.5	30.5
32.5°	2203.9	1508.2	853.1	609.4	335.2	187.9	121.9	86.3	55.9	40.6	30.5
30°	2488.3	1802.7	1107.0	716.0	436.7	228.5	132.0	86.3	60.9	40.6	30.5
27.5°	2701.5	2031.2	1366.0	827.7	523.0	269.1	152.3	96.5	60.9	40.6	30.5
25°	2874.2	2209.0	1594.5	944.5	599.2	335.2	182.8	101.6	66.0	45.7	30.5
22.5°	3011.3	2356.2	1782.4	1101.9	690.6	401.2	223.4	111.7	66.0	45.7	30.5
20°	3199.2	2503.5	1909.4	1269.5	787.1	462.1	259.0	121.9	66.0	45.7	35.5
17.5°	3361.7	2650.7	2010.9	1411.7	883.6	507.8	299.6	132.0	71.1	45.7	35.5
15°	3549.6	2792.9	2102.3	1523.4	975.0	548.4	335.2	142.2	71.1	50.8	35.5
12.5°	3752.7	2925.0	2168.3	1614.8	1071.5	584.0	365.6	162.5	76.2	50.8	35.5
10°	3960.9	3036.7	2224.2	1680.8	1142.6	619.5	385.9	182.8	81.2	50.8	35.5
7.5°	4169.1	3138.2	2295.3	1711.3	1173.0	660.1	396.1	203.1	81.2	55.9	35.5
5°	4311.3	3204.3	2396.8	1731.6	1188.3	705.9	411.3	228.5	86.3	55.9	35.5
2.5°	4433.1	3244.9	2503.5	1746.9	1193.3	731.2	406.2	243.7	91.4	55.9	35.5
0°	4489.0	3244.9	2574.6	1736.7	1178.1	756.6	406.2	259.0	91.4	55.9	35.5
-2.5°	4402.7	3336.3	2554.3	1741.8	1183.2	756.6	426.6	264.1	101.6	60.9	35.5
-5°	4265.6	3371.8	2493.3	1716.4	1173.0	756.6	451.9	269.1	106.6	60.9	40.6
-7.5°	4133.5	3387.1	2422.2	1691.0	1157.8	736.3	457.0	264.1	116.8	66.0	40.6
-10°	3960.9	3219.5	2330.8	1645.3	1127.3	721.1	467.2	264.1	121.9	66.0	40.6
-12.5°	3762.8	3016.4	2219.1	1579.3	1091.8	705.9	472.3	264.1	127.0	71.1	40.6
-15°	3534.3	2808.2	2092.2	1508.2	1041.0	685.5	462.1	259.0	132.0	71.1	45.7
-17.5°	3275.4	2605.0	1960.1	1421.9	985.1	660.1	441.8	253.9	132.0	71.1	45.7
-20°	2980.8	2401.9	1812.9	1335.5	919.1	629.7	421.5	243.7	132.0	71.1	45.7



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CATALOG NUMBER: IFLD-L-SA8A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2716.8	2214.0	1660.5	1239.0	848.0	594.1	396.1	233.6	132.0	76.2	45.7
-25°	2498.4	2031.2	1543.7	1142.6	771.9	553.5	370.7	223.4	132.0	76.2	45.7
-27.5°	2269.9	1833.2	1421.9	1051.2	721.1	518.0	345.3	213.3	127.0	76.2	45.7
-30°	2036.3	1640.2	1294.9	949.6	670.3	482.4	325.0	198.0	127.0	76.2	45.7
-32.5°	1823.0	1482.8	1178.1	848.0	614.4	446.9	304.7	193.0	121.9	76.2	45.7
-35°	1614.8	1340.6	1056.2	766.8	553.5	411.3	284.4	187.9	121.9	76.2	45.7
-37.5°	1442.2	1208.6	944.5	710.9	518.0	380.9	264.1	177.7	116.8	76.2	45.7
-40°	1300.0	1086.7	837.9	650.0	487.5	350.4	243.7	172.7	116.8	76.2	45.7
-42.5°	1168.0	969.9	771.9	599.2	457.0	330.1	228.5	167.6	111.7	76.2	45.7
-45°	1051.2	868.3	705.9	553.5	421.5	304.7	218.4	157.4	106.6	76.2	50.8
-47.5°	934.4	797.3	644.9	512.9	385.9	274.2	208.2	152.3	101.6	71.1	50.8
-50°	843.0	721.1	594.1	467.2	350.4	264.1	198.0	142.2	101.6	71.1	50.8
-52.5°	761.7	650.0	538.3	421.5	319.9	248.8	187.9	132.0	96.5	71.1	50.8
-55°	685.5	584.0	482.4	375.8	299.6	233.6	172.7	121.9	96.5	71.1	50.8
-57.5°	609.4	523.0	426.6	340.2	274.2	218.4	162.5	121.9	96.5	71.1	50.8
-60°	548.4	467.2	385.9	314.8	253.9	198.0	147.3	116.8	91.4	71.1	50.8
-62.5°	497.7	421.5	350.4	284.4	233.6	177.7	142.2	116.8	91.4	71.1	45.7
-65°	446.9	380.9	314.8	259.0	208.2	167.6	137.1	111.7	91.4	71.1	45.7
-67.5°	396.1	335.2	284.4	228.5	193.0	162.5	132.0	111.7	86.3	66.0	45.7
-70°	345.3	294.5	248.8	213.3	182.8	152.3	127.0	106.6	86.3	60.9	40.6
-72.5°	304.7	259.0	223.4	198.0	172.7	147.3	121.9	101.6	81.2	55.9	35.5
-75°	259.0	228.5	203.1	177.7	157.4	137.1	116.8	91.4	71.1	50.8	35.5
-77.5°	218.4	198.0	177.7	162.5	142.2	121.9	101.6	81.2	66.0	45.7	30.5
-80°	187.9	172.7	157.4	142.2	127.0	106.6	91.4	71.1	55.9	40.6	25.4
-82.5°	152.3	142.2	127.0	116.8	106.6	91.4	76.2	60.9	40.6	30.5	20.3
-85°	116.8	106.6	101.6	91.4	81.2	66.0	50.8	40.6	30.5	20.3	10.2
-87.5°	60.9	55.9	50.8	45.7	40.6	30.5	25.4	20.3	15.2	10.2	5.1
-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-L-SA8A-730-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°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	5.1	5.1	0.0	0.0
67.5°	10.2	5.1	0.0	0.0
65°	10.2	5.1	0.0	0.0
62.5°	10.2	5.1	0.0	0.0
60°	10.2	5.1	0.0	0.0
57.5°	15.2	5.1	5.1	0.0
55°	15.2	5.1	5.1	0.0
52.5°	15.2	5.1	5.1	0.0
50°	15.2	10.2	5.1	0.0
47.5°	15.2	10.2	5.1	0.0
45°	15.2	10.2	5.1	0.0
42.5°	15.2	10.2	5.1	0.0
40°	20.3	10.2	5.1	0.0
37.5°	20.3	10.2	5.1	0.0
35°	20.3	10.2	5.1	0.0
32.5°	20.3	10.2	5.1	0.0
30°	20.3	10.2	5.1	0.0
27.5°	20.3	15.2	5.1	0.0
25°	20.3	15.2	5.1	0.0
22.5°	25.4	15.2	5.1	0.0
20°	25.4	15.2	5.1	0.0
17.5°	25.4	15.2	5.1	0.0
15°	25.4	15.2	5.1	0.0
12.5°	25.4	15.2	5.1	0.0
10°	25.4	15.2	5.1	0.0
7.5°	25.4	15.2	5.1	0.0
5°	25.4	15.2	5.1	0.0
2.5°	25.4	15.2	5.1	0.0
0°	25.4	15.2	5.1	0.0
-2.5°	25.4	15.2	5.1	0.0
-5°	25.4	15.2	5.1	0.0
-7.5°	25.4	15.2	5.1	0.0
-10°	25.4	15.2	5.1	0.0
-12.5°	30.5	15.2	5.1	0.0
-15°	30.5	15.2	5.1	0.0
-17.5°	30.5	15.2	5.1	0.0
-20°	30.5	15.2	5.1	0.0

REPORT NUMBER: P722448

CATALOG NUMBER: IFLD-L-SA8A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	30.5	15.2	5.1	0.0
-25°	30.5	15.2	5.1	0.0
-27.5°	30.5	15.2	5.1	0.0
-30°	30.5	15.2	5.1	0.0
-32.5°	30.5	15.2	5.1	0.0
-35°	30.5	15.2	5.1	0.0
-37.5°	30.5	15.2	5.1	0.0
-40°	30.5	15.2	5.1	0.0
-42.5°	25.4	15.2	5.1	0.0
-45°	30.5	15.2	5.1	0.0
-47.5°	30.5	15.2	5.1	0.0
-50°	30.5	15.2	5.1	0.0
-52.5°	30.5	15.2	5.1	0.0
-55°	30.5	15.2	5.1	0.0
-57.5°	30.5	15.2	5.1	0.0
-60°	30.5	15.2	5.1	0.0
-62.5°	25.4	15.2	5.1	0.0
-65°	25.4	10.2	5.1	0.0
-67.5°	25.4	10.2	5.1	0.0
-70°	25.4	10.2	5.1	0.0
-72.5°	20.3	10.2	5.1	0.0
-75°	20.3	10.2	5.1	0.0
-77.5°	15.2	5.1	0.0	0.0
-80°	15.2	5.1	0.0	0.0
-82.5°	10.2	5.1	0.0	0.0
-85°	5.1	5.1	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)