

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: P722245

Luminaire Tested: **IFLD-L-SA8A-927-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722245
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-927-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

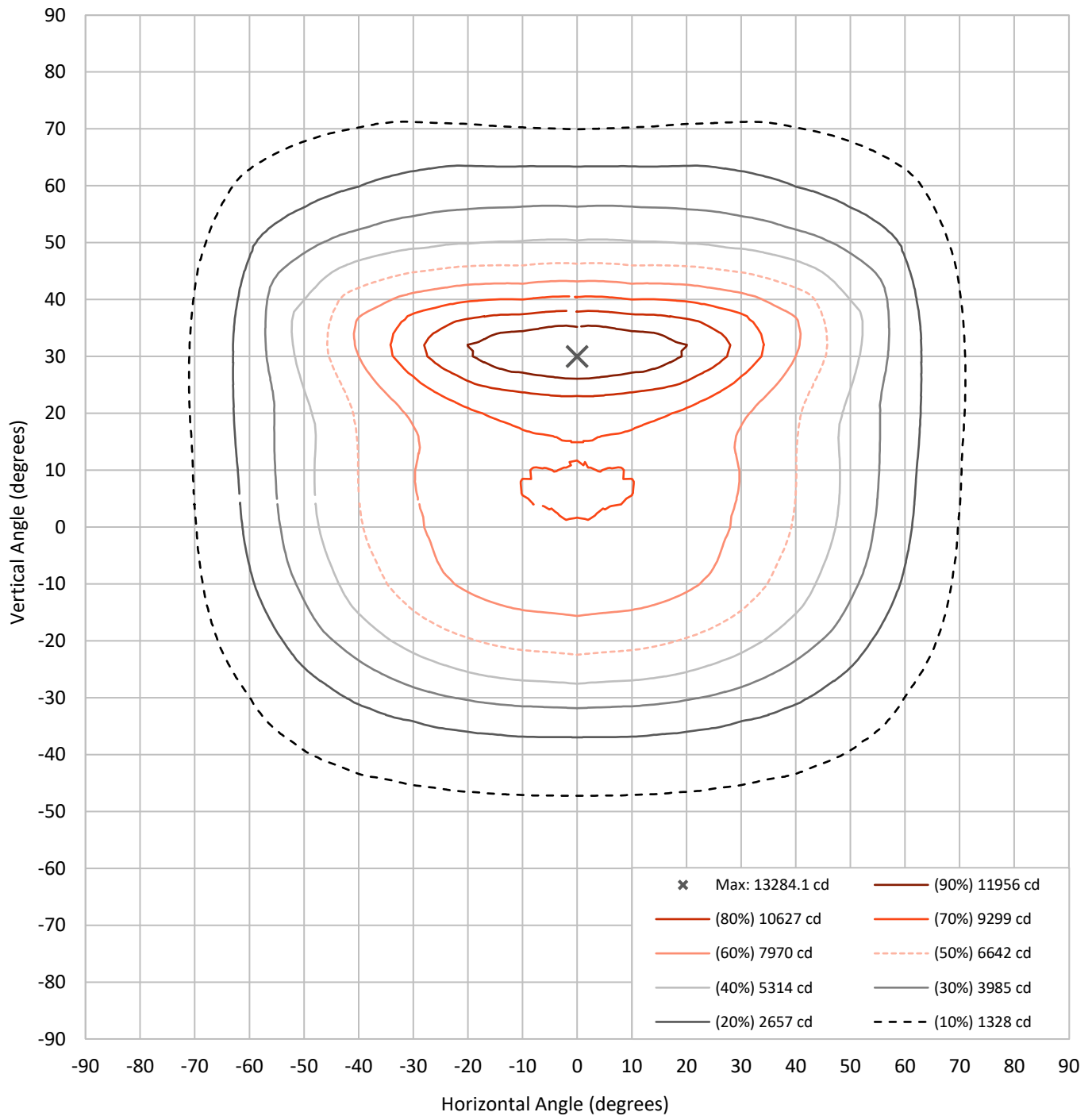
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	22174.5 lumens	Max Intensity:	13284.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12894.7 lumens	Field Lumens:	20780.4 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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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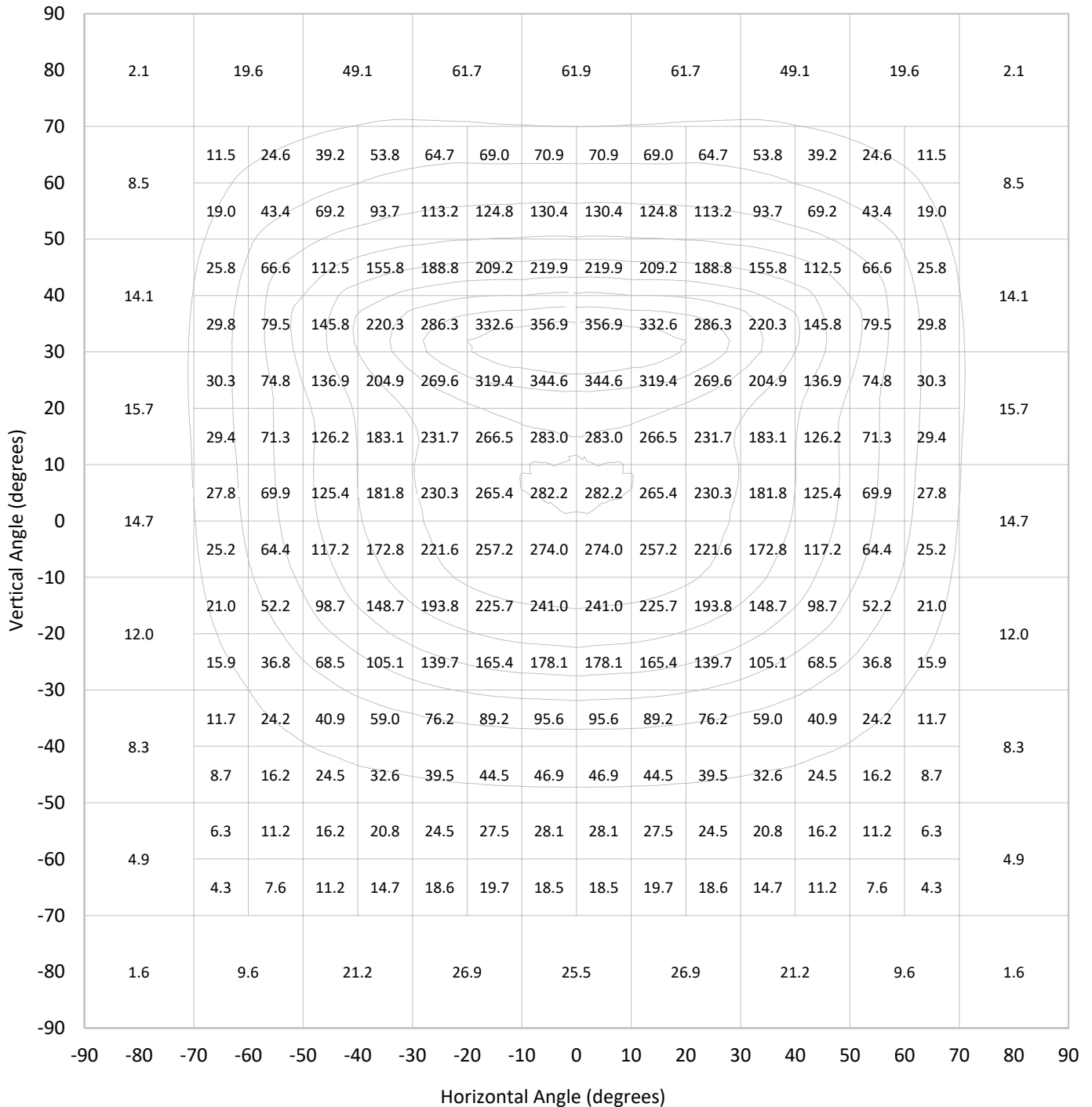
Iso-Candela Plot





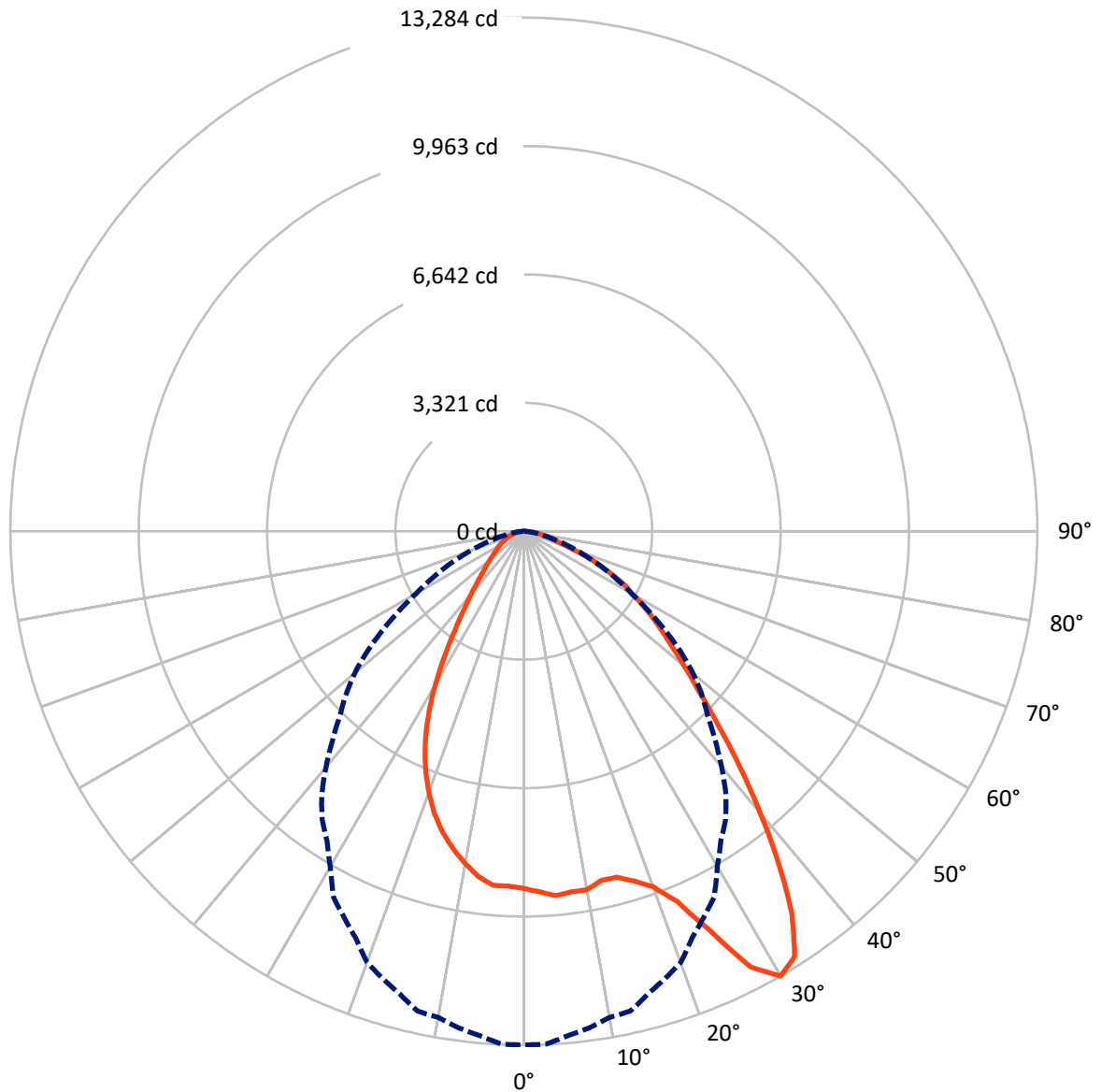
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Lumen Table



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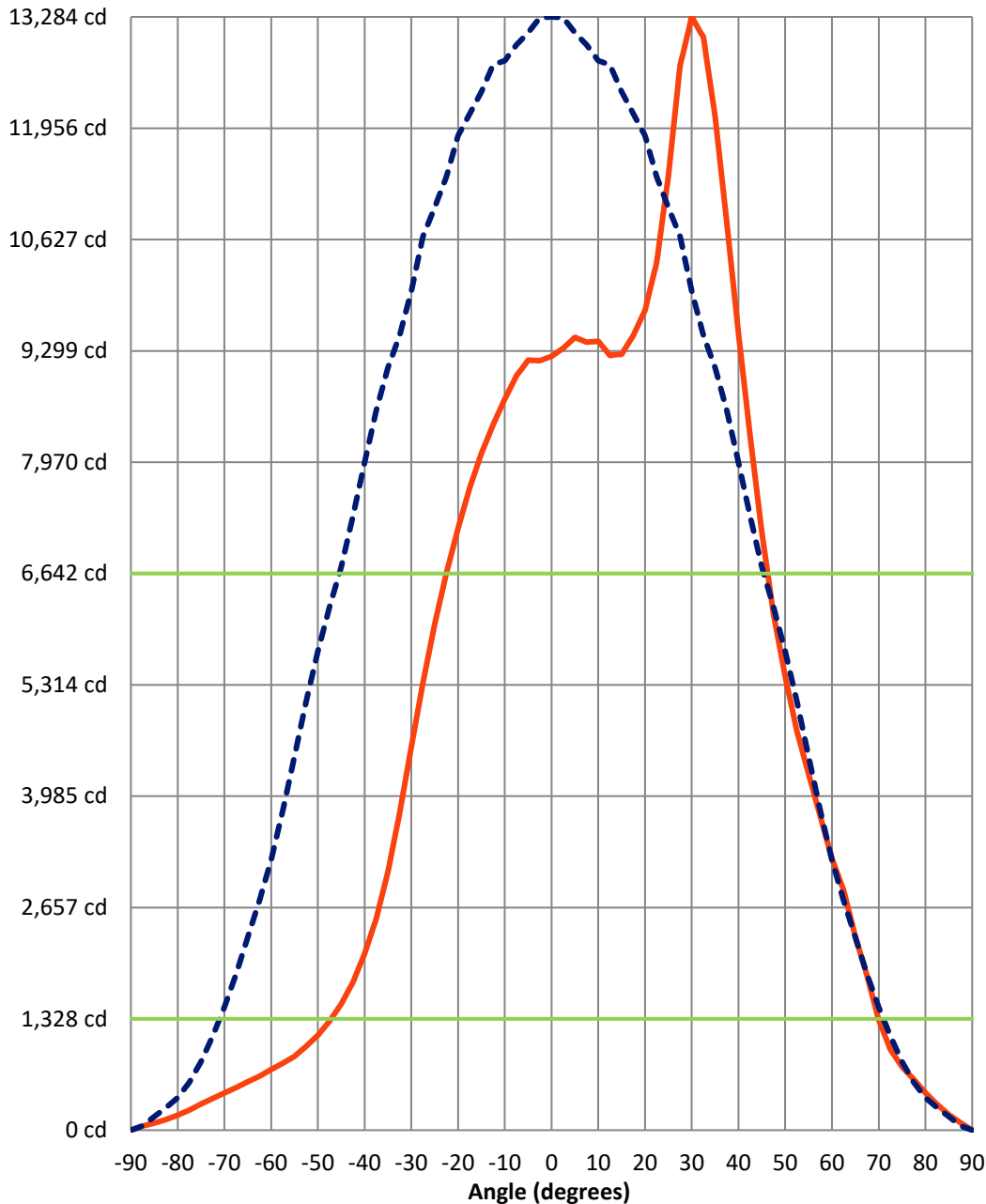
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 12894.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 20780.4
 Efficiency: 93.7%

Spill:
 Lumens: 1394.1
 Efficiency: 6.3%

— 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°	89.3	91.6	94.0	94.0	91.6	91.6	91.6	89.3	91.6	91.6	91.6
85°	185.6	190.3	195.0	192.6	190.3	185.6	180.9	183.2	185.6	187.9	187.9
82.5°	307.7	314.8	319.5	317.1	312.4	307.7	303.0	305.4	310.1	312.4	312.4
80°	446.3	448.7	451.0	455.7	448.7	448.7	446.3	455.7	460.4	465.1	469.8
77.5°	606.1	608.4	608.4	610.8	613.1	615.5	615.5	631.9	643.7	650.7	657.7
75°	756.4	763.5	770.5	777.5	786.9	791.6	798.7	822.2	841.0	855.1	869.2
72.5°	963.1	972.5	984.3	1000.7	1017.2	1028.9	1045.3	1073.5	1094.7	1108.8	1125.2
70°	1317.8	1327.2	1339.0	1350.7	1367.2	1378.9	1395.4	1430.6	1451.7	1461.1	1470.5
67.5°	1844.0	1867.5	1888.7	1865.2	1853.4	1837.0	1841.7	1874.6	1895.7	1909.8	1907.5
65°	2311.5	2327.9	2327.9	2325.6	2316.2	2295.1	2306.8	2346.7	2370.2	2382.0	2346.7
62.5°	2861.2	2861.2	2849.4	2868.2	2870.6	2856.5	2849.4	2851.8	2854.1	2861.2	2802.5
60°	3241.7	3265.2	3272.3	3288.7	3293.4	3293.4	3305.2	3314.6	3314.6	3300.5	3232.3
57.5°	3744.5	3789.1	3798.5	3786.7	3763.2	3732.7	3728.0	3713.9	3685.7	3657.5	3624.6
55°	4251.9	4275.3	4273.0	4265.9	4242.5	4207.2	4211.9	4193.1	4148.5	4113.3	4068.6
52.5°	4761.6	4818.0	4827.4	4813.3	4780.4	4742.8	4745.2	4724.0	4679.4	4641.8	4580.7
50°	5412.3	5459.3	5454.6	5431.1	5384.1	5355.9	5358.3	5318.3	5266.7	5254.9	5175.0
47.5°	6157.0	6211.0	6201.6	6168.7	6105.3	6093.5	6105.3	6053.6	6023.1	5997.2	5903.3
45°	7134.2	7197.6	7162.4	7099.0	6997.9	7009.7	7026.1	7016.7	6951.0	6882.8	6763.0
42.5°	8280.5	8320.5	8278.2	8214.8	8087.9	8111.4	8102.0	8045.6	8005.7	7892.9	7740.3
40°	9506.8	9593.7	9527.9	9429.2	9297.7	9332.9	9307.1	9234.3	9140.3	8999.4	8806.7
37.5°	10829.3	10897.4	10822.3	10707.2	10589.7	10578.0	10526.3	10413.5	10279.6	10124.6	9816.8
35°	12095.5	12271.6	12133.1	11949.8	11806.5	11752.5	11703.2	11442.4	11289.7	11038.4	10617.9
32.5°	13037.5	13166.7	12995.2	12804.9	12631.1	12555.9	12382.1	12072.0	11989.8	11461.2	11076.0
30°	13284.1	13274.7	13096.2	12950.5	12762.6	12710.9	12391.5	12128.4	11865.3	11376.6	11010.2
27.5°	12696.8	12638.1	12466.6	12339.8	12154.2	12093.1	11778.3	11637.4	11231.0	10817.6	10507.5
25°	11388.4	11418.9	11289.7	11226.3	11104.2	10972.6	10848.1	10657.8	10404.1	10042.4	9758.1
22.5°	10357.1	10397.1	10343.0	10267.9	10173.9	10101.1	10007.1	9859.1	9614.8	9391.7	9123.9
20°	9784.0	9772.2	9725.2	9668.9	9579.6	9527.9	9424.6	9300.0	9112.1	8919.5	8630.6
17.5°	9483.3	9410.5	9365.8	9344.7	9297.7	9231.9	9109.8	8982.9	8837.3	8618.8	8407.4
15°	9260.1	9271.9	9236.6	9220.2	9182.6	9091.0	8966.5	8863.1	8665.8	8555.4	8362.8
12.5°	9246.0	9234.3	9236.6	9229.6	9182.6	9065.1	9001.7	8870.2	8743.3	8597.7	8376.9
10°	9412.8	9288.3	9297.7	9330.6	9255.4	9161.5	9093.3	8950.0	8830.2	8644.7	8426.2
7.5°	9403.4	9340.0	9358.8	9304.7	9328.2	9213.1	9119.2	8975.9	8825.5	8628.2	8430.9
5°	9459.8	9363.5	9347.0	9351.7	9293.0	9206.1	9079.2	8943.0	8802.0	8581.2	8379.2
2.5°	9330.6	9344.7	9269.5	9241.3	9234.3	9088.6	8971.2	8839.6	8694.0	8499.0	8318.1
0°	9234.3	9260.1	9182.6	9142.7	9140.3	9015.8	8940.6	8790.3	8686.9	8524.8	8306.4
-2.5°	9182.6	9213.1	9222.5	9149.7	9079.2	8982.9	8856.1	8694.0	8524.8	8336.9	8149.0
-5°	9187.3	9126.2	9100.4	9123.9	9062.8	8966.5	8825.5	8682.2	8515.5	8313.4	8078.5
-7.5°	9001.7	8940.6	8935.9	8924.2	8910.1	8818.5	8701.0	8546.0	8376.9	8188.9	7970.5
-10°	8724.5	8679.9	8668.1	8656.4	8618.8	8564.8	8454.4	8313.4	8160.7	7972.8	7740.3
-12.5°	8416.8	8395.6	8351.0	8320.5	8282.9	8219.5	8113.8	7984.6	7831.9	7665.1	7465.4
-15°	8076.2	8036.2	7991.6	7965.8	7911.7	7836.6	7730.9	7611.1	7444.3	7279.8	7091.9
-17.5°	7665.1	7615.8	7566.4	7559.4	7521.8	7406.7	7308.0	7162.4	7016.7	6859.3	6676.1
-20°	7181.2	7113.0	7080.2	7061.4	7009.7	6925.1	6819.4	6685.5	6544.6	6394.2	6182.8



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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°	6645.6	6586.9	6530.5	6495.2	6450.6	6384.8	6283.8	6166.4	6027.8	5858.6	5663.7
-25°	6037.2	5954.9	5919.7	5879.8	5856.3	5795.2	5696.5	5588.5	5445.2	5280.8	5095.2
-27.5°	5341.8	5276.1	5257.3	5200.9	5172.7	5109.3	5027.1	4926.0	4794.5	4639.5	4486.8
-30°	4573.7	4533.7	4503.2	4446.8	4425.7	4357.6	4303.5	4219.0	4099.2	3988.8	3866.6
-32.5°	3784.4	3744.5	3735.1	3709.2	3695.1	3650.5	3589.4	3528.3	3432.0	3349.8	3251.1
-35°	3084.4	3056.2	3058.5	3056.2	3042.1	3009.2	2934.0	2917.6	2847.1	2771.9	2708.5
-37.5°	2525.3	2527.6	2525.3	2522.9	2504.1	2490.0	2436.0	2414.9	2372.6	2299.8	2262.2
-40°	2104.8	2109.5	2107.1	2102.4	2081.3	2074.2	2039.0	2010.8	1994.4	1942.7	1902.8
-42.5°	1764.2	1771.2	1768.9	1766.5	1752.4	1750.1	1731.3	1698.4	1689.0	1658.5	1616.2
-45°	1505.8	1503.4	1498.7	1503.4	1496.4	1489.3	1477.6	1456.4	1444.7	1430.6	1395.4
-47.5°	1301.4	1303.7	1299.0	1299.0	1289.7	1282.6	1277.9	1263.8	1254.4	1242.7	1221.5
-50°	1132.3	1141.7	1139.3	1137.0	1129.9	1125.2	1125.2	1111.1	1097.0	1092.3	1078.2
-52.5°	1000.7	1007.8	1010.1	1014.8	1017.2	1019.5	1012.5	998.4	974.9	972.5	965.5
-55°	880.9	902.1	916.1	925.5	934.9	942.0	927.9	909.1	885.6	876.2	873.9
-57.5°	798.7	819.8	836.3	850.4	862.1	873.9	859.8	841.0	819.8	808.1	805.7
-60°	723.5	742.3	758.8	777.5	794.0	812.8	805.7	791.6	779.9	770.5	761.1
-62.5°	643.7	662.4	681.2	704.7	725.9	744.7	747.0	744.7	742.3	744.7	728.2
-65°	577.9	587.3	599.0	624.9	648.3	669.5	681.2	688.3	700.0	711.8	695.3
-67.5°	507.4	519.1	533.2	552.0	570.8	584.9	601.4	620.2	639.0	657.7	646.0
-70°	444.0	453.4	465.1	474.5	486.3	495.7	509.8	530.9	552.0	570.8	566.1
-72.5°	378.2	387.6	394.6	399.3	406.4	411.1	418.1	436.9	451.0	460.4	460.4
-75°	312.4	321.8	328.9	331.2	335.9	338.3	343.0	350.0	357.1	359.4	361.8
-77.5°	239.6	249.0	256.1	260.7	265.4	270.1	272.5	277.2	279.5	279.5	281.9
-80°	178.5	185.6	190.3	197.3	199.7	204.4	209.1	211.4	213.8	213.8	216.1
-82.5°	126.9	131.5	136.2	140.9	145.6	148.0	152.7	155.0	157.4	159.7	162.1
-85°	84.6	89.3	94.0	98.7	101.0	103.4	105.7	108.1	110.4	112.8	115.1
-87.5°	49.3	51.7	54.0	58.7	61.1	65.8	68.1	65.8	68.1	68.1	68.1
-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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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°	91.6	91.6	91.6	91.6	89.3	84.6	82.2	77.5	72.8	68.1	63.4
85°	190.3	192.6	192.6	192.6	187.9	185.6	178.5	171.5	162.1	148.0	136.2
82.5°	317.1	319.5	319.5	317.1	312.4	305.4	296.0	284.2	265.4	246.7	230.2
80°	476.9	479.2	479.2	476.9	465.1	453.4	441.6	427.5	404.0	378.2	350.0
77.5°	667.1	671.8	671.8	664.8	648.3	634.3	615.5	592.0	556.7	519.1	481.6
75°	888.0	899.7	902.1	895.0	873.9	848.0	817.5	777.5	723.5	676.5	631.9
72.5°	1144.0	1155.8	1165.1	1155.8	1125.2	1090.0	1045.3	998.4	944.3	880.9	805.7
70°	1479.9	1491.7	1498.7	1468.2	1414.2	1355.4	1301.4	1247.4	1183.9	1106.4	1024.2
67.5°	1902.8	1891.0	1876.9	1815.8	1747.7	1677.3	1602.1	1522.2	1440.0	1357.8	1261.5
65°	2309.2	2276.3	2245.7	2172.9	2086.0	1994.4	1907.5	1818.2	1719.5	1616.2	1524.6
62.5°	2736.7	2666.2	2591.0	2501.8	2412.5	2311.5	2224.6	2118.9	2008.5	1881.6	1764.2
60°	3157.2	3072.6	2997.4	2887.0	2769.6	2633.3	2539.4	2436.0	2306.8	2170.6	2032.0
57.5°	3563.6	3472.0	3389.7	3293.4	3166.6	3018.6	2915.2	2781.3	2645.1	2473.6	2332.6
55°	3995.8	3904.2	3838.4	3730.4	3591.8	3455.5	3342.8	3201.8	3011.5	2828.3	2654.5
52.5°	4491.5	4418.6	4348.2	4237.8	4071.0	3932.4	3807.9	3650.5	3450.8	3225.3	3016.2
50°	5045.8	5008.3	4933.1	4803.9	4613.6	4491.5	4327.0	4118.0	3904.2	3666.9	3406.2
47.5°	5781.1	5720.0	5614.3	5473.4	5313.6	5130.4	4909.6	4665.3	4362.3	4099.2	3822.0
45°	6659.7	6546.9	6410.7	6220.4	6023.1	5816.3	5574.4	5264.3	4857.9	4515.0	4223.7
42.5°	7611.1	7458.4	7272.8	7023.8	6767.7	6514.0	6253.3	5830.4	5323.0	4928.4	4599.5
40°	8604.7	8409.7	8177.2	7815.4	7531.2	7204.7	6906.3	6274.4	5734.1	5306.6	4956.6
37.5°	9577.2	9330.6	8940.6	8501.4	8170.1	7902.3	7246.9	6570.4	6086.5	5616.7	5262.0
35°	10321.9	10112.8	9424.6	8968.8	8684.6	8261.8	7441.9	6748.9	6236.8	5846.9	5294.9
32.5°	10763.5	10223.2	9619.5	9159.1	8924.2	8231.2	7456.0	6800.6	6307.3	5870.4	5210.3
30°	10664.9	10011.8	9483.3	9098.0	8588.3	7965.8	7324.5	6720.7	6241.5	5713.0	5116.3
27.5°	10070.6	9565.5	9093.3	8691.6	8191.3	7632.2	7040.2	6509.3	6063.0	5550.9	4987.1
25°	9398.7	8940.6	8590.6	8240.6	7766.1	7232.8	6711.4	6328.5	5879.8	5374.7	4818.0
22.5°	8780.9	8452.0	8177.2	7810.7	7348.0	6882.8	6558.7	6161.7	5701.2	5189.1	4644.2
20°	8386.3	8163.1	7848.3	7444.3	7080.2	6788.9	6429.5	6009.0	5534.5	4998.9	4496.2
17.5°	8196.0	7937.6	7587.6	7324.5	7044.9	6725.4	6323.8	5877.4	5372.4	4911.9	4512.6
15°	8097.3	7824.8	7594.6	7336.2	7021.4	6685.5	6239.2	5776.4	5372.4	4947.2	4524.3
12.5°	8118.5	7883.5	7632.2	7350.3	7012.0	6652.6	6248.6	5818.7	5400.6	4973.0	4526.7
10°	8184.2	7937.6	7669.8	7357.4	7016.7	6662.0	6274.4	5844.5	5414.7	4984.8	4522.0
7.5°	8207.7	7939.9	7653.3	7338.6	7005.0	6657.3	6279.1	5851.6	5417.0	4982.4	4507.9
5°	8134.9	7892.9	7615.8	7298.6	6972.1	6633.8	6260.3	5842.2	5398.2	4958.9	4472.7
2.5°	8036.2	7841.3	7575.8	7270.4	6939.2	6600.9	6229.8	5799.9	5355.9	4916.6	4428.0
0°	8019.8	7777.8	7510.0	7237.5	6885.2	6528.1	6159.3	5720.0	5278.4	4836.8	4350.5
-2.5°	7911.7	7655.7	7387.9	7091.9	6781.8	6422.4	6034.8	5604.9	5168.0	4733.4	4265.9
-5°	7829.5	7545.3	7261.0	6941.6	6629.1	6269.7	5868.0	5449.9	5022.4	4599.5	4148.5
-7.5°	7719.1	7427.8	7129.5	6795.9	6457.7	6091.2	5694.2	5276.1	4855.6	4435.1	4002.9
-10°	7495.9	7239.9	6960.4	6615.0	6258.0	5891.5	5496.9	5085.8	4665.3	4240.1	3805.5
-12.5°	7225.8	6955.7	6650.3	6333.1	6013.7	5673.1	5278.4	4874.4	4451.5	4024.0	3591.8
-15°	6875.8	6610.3	6297.9	5987.8	5680.1	5353.6	5005.9	4641.8	4211.9	3791.4	3359.2
-17.5°	6438.9	6189.9	5910.3	5614.3	5308.9	4980.1	4641.8	4334.1	3932.4	3537.7	3110.2
-20°	5969.0	5736.5	5485.1	5205.6	4900.2	4578.4	4258.9	3937.1	3589.4	3241.7	2844.7



REPORT NUMBER: P722245
 CATALOG NUMBER: IFLD-L-SA8A-927-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5480.4	5245.5	4991.8	4731.1	4449.2	4150.8	3854.9	3547.1	3241.7	2927.0	2591.0
-25°	4916.6	4709.9	4477.4	4223.7	3972.3	3711.6	3429.7	3150.1	2889.4	2616.9	2342.0
-27.5°	4327.0	4136.7	3925.3	3704.5	3488.4	3269.9	3025.6	2767.2	2551.1	2325.6	2097.7
-30°	3706.9	3554.2	3382.7	3190.1	3023.3	2847.1	2642.7	2429.0	2231.6	2060.2	1876.9
-32.5°	3119.6	2990.4	2868.2	2741.4	2577.0	2440.7	2299.8	2142.4	1968.5	1806.5	1674.9
-35°	2614.5	2475.9	2424.3	2330.3	2212.8	2093.0	1989.7	1876.9	1745.4	1602.1	1494.0
-37.5°	2189.4	2107.1	2034.3	1982.6	1905.1	1808.8	1726.6	1644.4	1543.4	1435.3	1327.2
-40°	1858.1	1801.8	1721.9	1696.0	1646.7	1580.9	1496.4	1432.9	1364.8	1282.6	1191.0
-42.5°	1592.7	1550.4	1498.7	1454.1	1432.9	1386.0	1320.2	1259.1	1205.1	1148.7	1078.2
-45°	1374.2	1346.0	1313.1	1273.2	1256.8	1219.2	1172.2	1104.1	1073.5	1026.6	974.9
-47.5°	1198.0	1183.9	1160.5	1134.6	1111.1	1082.9	1040.6	998.4	956.1	925.5	885.6
-50°	1059.4	1050.0	1035.9	1014.8	984.3	965.5	937.3	899.7	859.8	833.9	805.7
-52.5°	949.0	939.6	930.2	913.8	890.3	871.5	848.0	817.5	784.6	758.8	735.3
-55°	864.5	850.4	843.3	829.2	810.4	789.3	768.2	747.0	718.8	695.3	671.8
-57.5°	798.7	779.9	770.5	758.8	740.0	718.8	702.4	681.2	662.4	636.6	615.5
-60°	747.0	725.9	707.1	695.3	678.9	657.7	641.3	624.9	606.1	584.9	559.1
-62.5°	704.7	678.9	653.0	639.0	622.5	603.7	587.3	570.8	552.0	530.9	507.4
-65°	664.8	634.3	601.4	587.3	570.8	552.0	530.9	519.1	502.7	483.9	460.4
-67.5°	615.5	582.6	554.4	537.9	521.5	505.1	486.3	474.5	458.1	434.6	411.1
-70°	542.6	521.5	502.7	488.6	474.5	460.4	441.6	422.8	404.0	382.9	361.8
-72.5°	451.0	444.0	441.6	434.6	418.1	401.7	382.9	364.1	347.7	331.2	314.8
-75°	364.1	368.8	373.5	371.2	354.7	338.3	321.8	305.4	293.6	279.5	265.4
-77.5°	288.9	293.6	298.3	298.3	286.6	277.2	265.4	253.7	244.3	232.6	218.5
-80°	223.2	230.2	237.3	242.0	232.6	225.5	216.1	206.7	197.3	187.9	178.5
-82.5°	169.1	176.2	183.2	187.9	180.9	176.2	169.1	162.1	155.0	145.6	138.6
-85°	122.2	126.9	131.5	133.9	129.2	124.5	119.8	115.1	110.4	103.4	98.7
-87.5°	70.5	72.8	75.2	77.5	72.8	68.1	65.8	61.1	58.7	54.0	51.7
-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: P722245
 CATALOG NUMBER: IFLD-L-SA8A-927-U-76

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°	58.7	54.0	49.3	47.0	42.3	35.2	30.5	25.8	21.1	16.4	14.1
85°	124.5	112.8	98.7	91.6	82.2	72.8	63.4	54.0	44.6	35.2	25.8
82.5°	213.8	199.7	185.6	169.1	148.0	122.2	96.3	79.9	65.8	51.7	39.9
80°	321.8	296.0	272.5	251.4	227.9	195.0	159.7	126.9	89.3	68.1	51.7
77.5°	446.3	415.8	382.9	347.7	310.1	265.4	225.5	183.2	138.6	94.0	65.8
75°	587.3	547.3	502.7	453.4	404.0	345.3	288.9	239.6	187.9	131.5	79.9
72.5°	744.7	695.3	641.3	575.5	498.0	429.9	361.8	296.0	234.9	166.8	108.1
70°	946.7	869.2	789.3	718.8	620.2	512.1	432.2	357.1	279.5	204.4	136.2
67.5°	1162.8	1068.8	972.5	869.2	744.7	617.8	502.7	418.1	326.5	239.6	162.1
65°	1397.7	1280.3	1158.1	1043.0	871.5	721.2	592.0	476.9	371.2	272.5	187.9
62.5°	1639.7	1501.1	1360.1	1209.8	1012.5	826.9	676.5	542.6	413.4	303.0	211.4
60°	1898.1	1736.0	1564.5	1376.6	1146.4	942.0	756.4	610.8	458.1	333.6	237.3
57.5°	2170.6	1994.4	1792.4	1538.7	1285.0	1052.4	848.0	671.8	498.0	361.8	256.1
55°	2466.5	2264.5	2043.7	1707.8	1421.2	1162.8	939.6	732.9	540.3	385.3	274.8
52.5°	2786.0	2551.1	2271.6	1886.3	1564.5	1275.6	1024.2	786.9	580.2	411.1	291.3
50°	3143.1	2847.1	2471.2	2050.8	1689.0	1381.3	1108.8	845.7	613.1	439.3	305.4
47.5°	3514.2	3194.8	2649.8	2203.4	1815.8	1484.6	1195.7	897.4	646.0	462.8	319.5
45°	3901.8	3436.7	2835.4	2339.7	1926.3	1578.6	1261.5	944.3	685.9	483.9	331.2
42.5°	4284.7	3619.9	2997.4	2475.9	2029.6	1663.2	1315.5	989.0	718.8	505.1	343.0
40°	4465.6	3758.5	3126.6	2569.9	2116.5	1738.3	1362.5	1028.9	747.0	519.1	354.7
37.5°	4540.8	3843.1	3211.2	2659.2	2184.7	1778.3	1402.4	1064.1	770.5	533.2	364.1
35°	4557.2	3873.7	3253.5	2720.2	2241.0	1815.8	1432.9	1090.0	789.3	547.3	373.5
32.5°	4526.7	3864.3	3265.2	2741.4	2276.3	1844.0	1454.1	1108.8	803.4	561.4	382.9
30°	4458.6	3814.9	3223.0	2739.0	2302.1	1860.5	1468.2	1122.9	817.5	570.8	387.6
27.5°	4348.2	3728.0	3168.9	2741.4	2316.2	1867.5	1475.2	1129.9	826.9	577.9	397.0
25°	4211.9	3610.6	3171.3	2736.7	2318.6	1869.9	1475.2	1129.9	829.2	580.2	404.0
22.5°	4054.5	3610.6	3171.3	2729.6	2304.5	1865.2	1468.2	1125.2	829.2	584.9	411.1
20°	4063.9	3612.9	3164.2	2715.5	2283.3	1851.1	1451.7	1113.5	822.2	592.0	415.8
17.5°	4071.0	3608.2	3150.1	2696.8	2255.1	1827.6	1430.6	1097.0	822.2	599.0	418.1
15°	4071.0	3594.1	3129.0	2668.6	2219.9	1794.7	1400.1	1082.9	824.5	601.4	422.8
12.5°	4063.9	3568.3	3096.1	2631.0	2177.6	1754.8	1381.3	1078.2	824.5	603.7	422.8
10°	4049.8	3533.0	3053.8	2584.0	2137.7	1740.7	1371.9	1068.8	819.8	603.7	422.8
7.5°	4024.0	3490.7	3018.6	2555.8	2114.2	1724.2	1357.8	1054.7	812.8	599.0	427.5
5°	3984.1	3467.3	2990.4	2522.9	2081.3	1712.5	1348.4	1043.0	808.1	599.0	422.8
2.5°	3932.4	3439.1	2957.5	2480.6	2043.7	1672.6	1317.8	1017.2	791.6	589.6	418.1
0°	3847.8	3382.7	2901.1	2421.9	1992.0	1632.6	1287.3	991.3	775.2	580.2	413.4
-2.5°	3770.3	3307.5	2828.3	2360.8	1942.7	1597.4	1263.8	977.2	768.2	577.9	411.1
-5°	3662.2	3204.2	2732.0	2281.0	1876.9	1562.1	1240.3	960.8	761.1	573.2	411.1
-7.5°	3542.4	3096.1	2631.0	2198.7	1811.1	1501.1	1195.7	934.9	744.7	563.8	408.7
-10°	3356.9	2934.0	2504.1	2104.8	1740.7	1447.0	1158.1	911.4	730.6	554.4	399.3
-12.5°	3159.5	2755.5	2358.5	1989.7	1660.8	1390.7	1115.8	885.6	714.1	545.0	394.6
-15°	2950.5	2572.3	2205.8	1869.9	1573.9	1322.5	1071.2	857.4	697.7	533.2	387.6
-17.5°	2732.0	2379.6	2048.4	1747.7	1487.0	1252.1	1024.2	831.6	678.9	521.5	380.6
-20°	2501.8	2182.3	1888.7	1623.2	1395.4	1181.6	974.9	801.0	657.7	507.4	371.2



REPORT NUMBER: P722245
 CATALOG NUMBER: IFLD-L-SA8A-927-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2273.9	1987.3	1724.2	1501.1	1301.4	1108.8	925.5	770.5	634.3	491.0	364.1
-25°	2071.9	1804.1	1578.6	1383.6	1209.8	1038.3	873.9	740.0	608.4	474.5	354.7
-27.5°	1874.6	1646.7	1435.3	1273.2	1120.5	970.2	824.5	707.1	582.6	455.7	345.3
-30°	1691.3	1496.4	1322.5	1165.1	1035.9	909.1	782.2	674.2	554.4	436.9	333.6
-32.5°	1524.6	1367.2	1221.5	1071.2	956.1	848.0	742.3	641.3	526.2	418.1	321.8
-35°	1369.5	1247.4	1120.5	993.7	876.2	791.6	700.0	606.1	500.4	397.0	310.1
-37.5°	1230.9	1132.3	1031.3	923.2	822.2	737.6	660.1	570.8	474.5	378.2	298.3
-40°	1111.1	1031.3	942.0	855.1	770.5	690.6	620.2	535.6	448.7	364.1	286.6
-42.5°	1000.7	939.6	866.8	794.0	718.8	648.3	580.2	498.0	422.8	347.7	274.8
-45°	916.1	855.1	796.3	730.6	667.1	606.1	537.9	465.1	399.3	328.9	263.1
-47.5°	836.3	782.2	728.2	674.2	622.5	566.1	498.0	436.9	373.5	312.4	253.7
-50°	765.8	714.1	667.1	620.2	575.5	521.5	458.1	408.7	352.4	296.0	242.0
-52.5°	700.0	655.4	608.4	570.8	533.2	479.2	427.5	380.6	331.2	277.2	230.2
-55°	641.3	599.0	556.7	521.5	486.3	439.3	397.0	357.1	310.1	263.1	218.5
-57.5°	584.9	549.7	509.8	476.9	441.6	404.0	368.8	331.2	288.9	249.0	206.7
-60°	533.2	500.4	465.1	432.2	401.7	371.2	338.3	307.7	270.1	232.6	195.0
-62.5°	481.6	453.4	422.8	389.9	366.5	338.3	312.4	281.9	251.4	218.5	173.8
-65°	434.6	408.7	380.6	352.4	331.2	310.1	286.6	258.4	232.6	202.0	155.0
-67.5°	387.6	364.1	340.6	317.1	298.3	281.9	258.4	237.3	216.1	183.2	136.2
-70°	343.0	324.2	303.0	284.2	270.1	251.4	234.9	216.1	197.3	159.7	115.1
-72.5°	300.7	281.9	265.4	251.4	239.6	223.2	209.1	195.0	169.1	133.9	96.3
-75°	251.4	239.6	230.2	218.5	206.7	195.0	183.2	166.8	140.9	108.1	75.2
-77.5°	206.7	199.7	192.6	183.2	173.8	164.4	150.3	133.9	112.8	84.6	61.1
-80°	169.1	162.1	157.4	148.0	140.9	131.5	117.5	103.4	82.2	65.8	49.3
-82.5°	129.2	124.5	119.8	115.1	108.1	98.7	84.6	72.8	61.1	49.3	37.6
-85°	91.6	89.3	84.6	79.9	72.8	65.8	56.4	49.3	42.3	32.9	25.8
-87.5°	47.0	44.6	42.3	39.9	37.6	32.9	28.2	23.5	21.1	16.4	11.7
-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-L-SA8A-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.4	7.0	2.3	0.0
85°	18.8	11.7	4.7	0.0
82.5°	28.2	18.8	7.0	0.0
80°	37.6	23.5	11.7	0.0
77.5°	47.0	28.2	14.1	0.0
75°	56.4	35.2	16.4	0.0
72.5°	63.4	39.9	18.8	0.0
70°	75.2	47.0	21.1	0.0
67.5°	94.0	51.7	23.5	0.0
65°	110.4	56.4	25.8	0.0
62.5°	129.2	61.1	28.2	0.0
60°	145.6	65.8	30.5	0.0
57.5°	162.1	77.5	32.9	0.0
55°	176.2	86.9	35.2	0.0
52.5°	192.6	96.3	37.6	0.0
50°	206.7	105.7	39.9	0.0
47.5°	218.5	115.1	39.9	0.0
45°	227.9	122.2	42.3	0.0
42.5°	234.9	129.2	44.6	0.0
40°	242.0	136.2	47.0	0.0
37.5°	249.0	143.3	47.0	0.0
35°	256.1	150.3	49.3	0.0
32.5°	263.1	157.4	49.3	0.0
30°	267.8	162.1	51.7	0.0
27.5°	274.8	166.8	51.7	0.0
25°	277.2	171.5	54.0	0.0
22.5°	281.9	173.8	54.0	0.0
20°	286.6	178.5	54.0	0.0
17.5°	288.9	180.9	56.4	0.0
15°	288.9	183.2	58.7	0.0
12.5°	291.3	185.6	58.7	0.0
10°	291.3	190.3	56.4	0.0
7.5°	296.0	187.9	56.4	0.0
5°	293.6	187.9	56.4	0.0
2.5°	291.3	185.6	56.4	0.0
0°	288.9	185.6	56.4	0.0
-2.5°	288.9	185.6	56.4	0.0
-5°	288.9	185.6	56.4	0.0
-7.5°	286.6	187.9	56.4	0.0
-10°	281.9	187.9	56.4	0.0
-12.5°	279.5	180.9	56.4	0.0
-15°	277.2	178.5	56.4	0.0
-17.5°	272.5	176.2	54.0	0.0
-20°	267.8	173.8	54.0	0.0



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CATALOG NUMBER: IFLD-L-SA8A-927-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	263.1	169.1	54.0	0.0
-25°	258.4	164.4	51.7	0.0
-27.5°	253.7	159.7	51.7	0.0
-30°	246.7	155.0	49.3	0.0
-32.5°	239.6	150.3	49.3	0.0
-35°	234.9	143.3	47.0	0.0
-37.5°	227.9	136.2	47.0	0.0
-40°	220.8	129.2	44.6	0.0
-42.5°	213.8	122.2	42.3	0.0
-45°	204.4	115.1	42.3	0.0
-47.5°	197.3	108.1	39.9	0.0
-50°	185.6	98.7	37.6	0.0
-52.5°	171.5	89.3	35.2	0.0
-55°	157.4	82.2	32.9	0.0
-57.5°	143.3	72.8	32.9	0.0
-60°	129.2	63.4	30.5	0.0
-62.5°	115.1	58.7	28.2	0.0
-65°	101.0	54.0	25.8	0.0
-67.5°	84.6	47.0	23.5	0.0
-70°	70.5	42.3	21.1	0.0
-72.5°	61.1	37.6	18.8	0.0
-75°	51.7	32.9	16.4	0.0
-77.5°	44.6	28.2	14.1	0.0
-80°	35.2	21.1	9.4	0.0
-82.5°	25.8	16.4	7.0	0.0
-85°	16.4	11.7	4.7	0.0
-87.5°	9.4	4.7	2.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)