

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: P722190

Luminaire Tested: **IFLD-L-SA8D-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722190
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

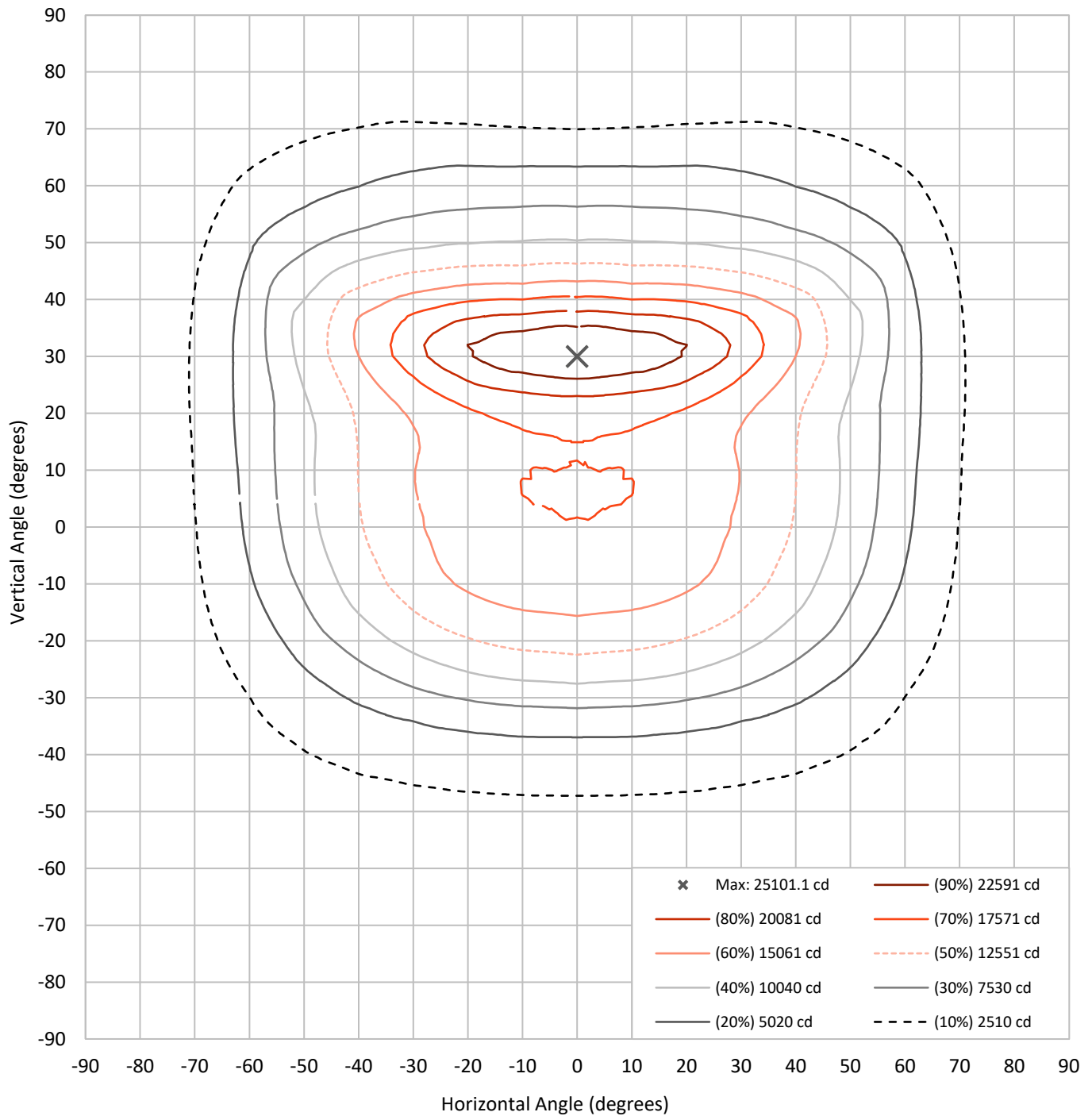
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	41900.1 lumens	Max Intensity:	25101.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24365.4 lumens	Field Lumens:	39265.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 488.3
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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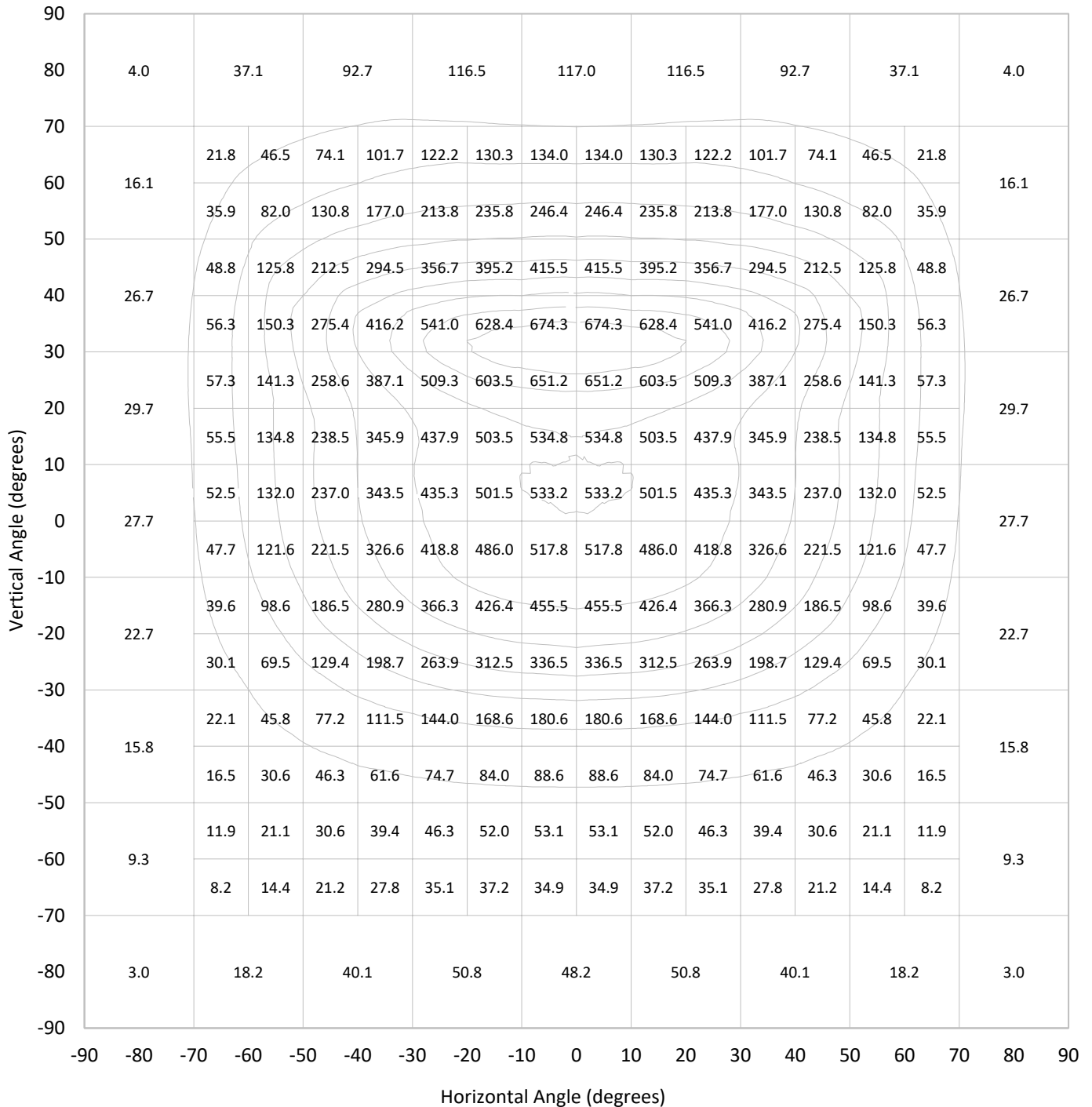
Iso-Candela Plot





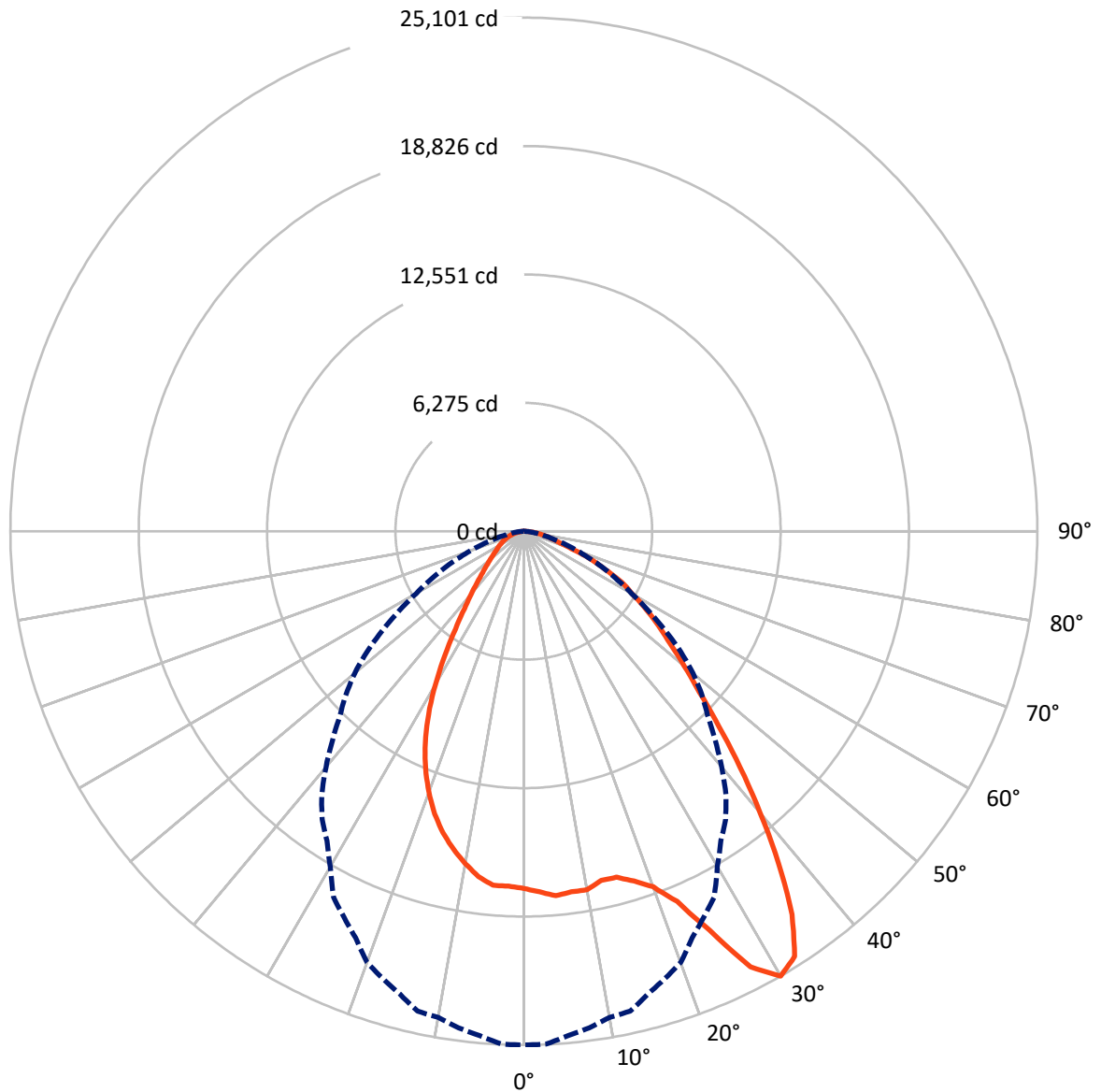
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Lumen Table



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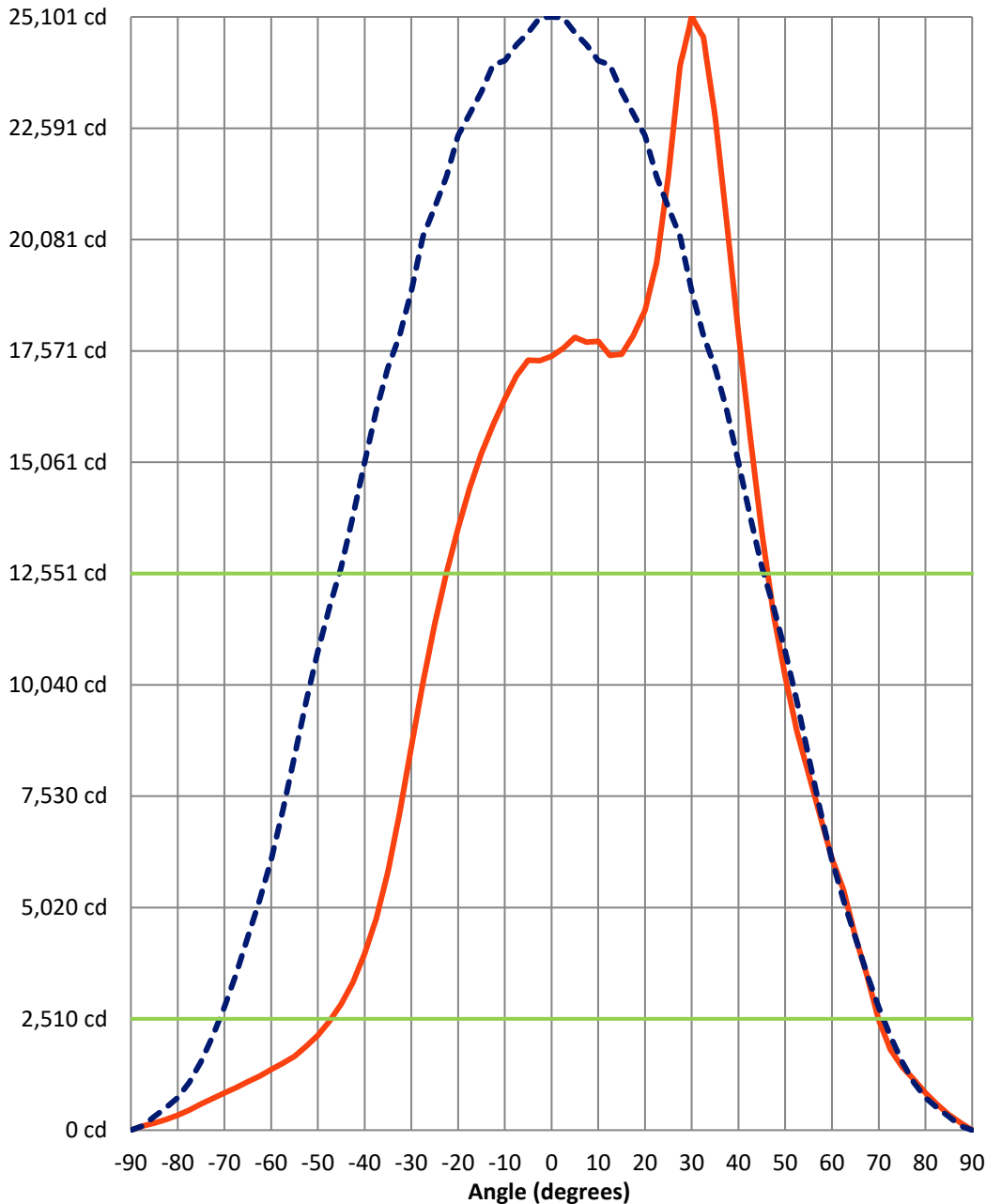
Luminous Intensity Polar Plot



— 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: 24365.4
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 39265.8
 Efficiency: 93.7%

Spill:
 Lumens: 2634.3
 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°	168.7	173.1	177.6	177.6	173.1	173.1	173.1	168.7	173.1	173.1	173.1
85°	350.7	359.5	368.4	364.0	359.5	350.7	341.8	346.2	350.7	355.1	355.1
82.5°	581.5	594.8	603.7	599.2	590.4	581.5	572.6	577.0	585.9	590.4	590.4
80°	843.4	847.8	852.2	861.1	847.8	847.8	843.4	861.1	870.0	878.9	887.8
77.5°	1145.2	1149.6	1149.6	1154.1	1158.5	1163.0	1163.0	1194.0	1216.2	1229.5	1242.9
75°	1429.3	1442.6	1455.9	1469.2	1487.0	1495.9	1509.2	1553.6	1589.1	1615.7	1642.3
72.5°	1819.9	1837.6	1859.8	1890.9	1922.0	1944.2	1975.2	2028.5	2068.5	2095.1	2126.2
70°	2490.1	2507.9	2530.1	2552.3	2583.4	2605.5	2636.6	2703.2	2743.1	2760.9	2778.7
67.5°	3484.4	3528.8	3568.8	3524.4	3502.2	3471.1	3480.0	3542.1	3582.1	3608.7	3604.3
65°	4367.7	4398.8	4398.8	4394.4	4376.6	4336.7	4358.9	4434.3	4478.7	4500.9	4434.3
62.5°	5406.4	5406.4	5384.2	5419.7	5424.2	5397.5	5384.2	5388.6	5393.1	5406.4	5295.4
60°	6125.5	6169.9	6183.2	6214.3	6223.1	6223.1	6245.3	6263.1	6263.1	6236.4	6107.7
57.5°	7075.4	7159.7	7177.5	7155.3	7110.9	7053.2	7044.3	7017.7	6964.4	6911.1	6849.0
55°	8034.1	8078.5	8074.1	8060.8	8016.4	7949.8	7958.7	7923.2	7838.8	7772.3	7687.9
52.5°	8997.3	9103.9	9121.6	9095.0	9032.9	8961.8	8966.3	8926.3	8842.0	8771.0	8655.6
50°	10226.9	10315.7	10306.8	10262.4	10173.6	10120.4	10124.8	10049.3	9951.7	9929.5	9778.6
47.5°	11634.0	11736.1	11718.3	11656.2	11536.3	11514.1	11536.3	11438.7	11381.0	11332.1	11154.6
45°	13480.5	13600.3	13533.8	13413.9	13223.0	13245.2	13276.3	13258.5	13134.3	13005.5	12779.2
42.5°	15646.6	15722.1	15642.2	15522.3	15282.6	15327.0	15309.3	15202.7	15127.3	14914.2	14625.7
40°	17963.6	18127.9	18003.6	17817.1	17568.6	17635.2	17586.3	17448.7	17271.2	17004.9	16640.9
37.5°	20462.6	20591.4	20449.3	20231.8	20009.9	19987.7	19890.0	19677.0	19424.0	19131.0	18549.5
35°	22855.1	23188.0	22926.1	22579.9	22309.2	22207.1	22113.9	21621.2	21332.6	20857.7	20063.2
32.5°	24635.1	24879.2	24555.2	24195.6	23867.2	23725.1	23396.7	22810.7	22655.4	21656.7	20928.7
30°	25101.1	25083.4	24746.0	24470.8	24115.7	24018.1	23414.4	22917.3	22420.1	21496.9	20804.4
27.5°	23991.4	23880.5	23556.5	23316.8	22966.1	22850.7	22255.9	21989.6	21221.7	20440.4	19854.5
25°	21519.1	21576.8	21332.6	21212.8	20982.0	20733.4	20498.2	20138.6	19659.2	18975.7	18438.6
22.5°	19570.5	19645.9	19543.8	19401.8	19224.2	19086.6	18909.1	18629.4	18167.8	17746.1	17240.1
20°	18487.4	18465.2	18376.4	18269.9	18101.2	18003.6	17808.3	17573.0	17217.9	16853.9	16308.0
17.5°	17919.2	17781.6	17697.3	17657.4	17568.6	17444.3	17213.5	16973.8	16698.6	16285.8	15886.3
15°	17497.6	17519.7	17453.2	17422.1	17351.1	17178.0	16942.7	16747.4	16374.6	16165.9	15802.0
12.5°	17470.9	17448.7	17453.2	17439.9	17351.1	17129.1	17009.3	16760.7	16521.0	16245.8	15828.6
10°	17786.1	17550.8	17568.6	17630.7	17488.7	17311.1	17182.4	16911.6	16685.3	16334.6	15921.8
7.5°	17768.3	17648.5	17684.0	17581.9	17626.3	17408.8	17231.2	16960.5	16676.4	16303.5	15930.7
5°	17874.8	17692.9	17661.8	17670.7	17559.7	17395.5	17155.8	16898.3	16632.0	16214.8	15833.0
2.5°	17630.7	17657.4	17515.3	17462.0	17448.7	17173.5	16951.6	16703.0	16427.8	16059.4	15717.6
0°	17448.7	17497.6	17351.1	17275.6	17271.2	17035.9	16893.9	16609.8	16414.5	16108.2	15695.4
-2.5°	17351.1	17408.8	17426.5	17288.9	17155.8	16973.8	16734.1	16427.8	16108.2	15753.1	15398.0
-5°	17360.0	17244.5	17195.7	17240.1	17124.7	16942.7	16676.4	16405.6	16090.5	15708.7	15264.9
-7.5°	17009.3	16893.9	16885.0	16862.8	16836.2	16663.1	16441.1	16148.2	15828.6	15473.5	15060.7
-10°	16485.5	16401.2	16379.0	16356.8	16285.8	16183.7	15975.1	15708.7	15420.2	15065.1	14625.7
-12.5°	15904.0	15864.1	15779.8	15722.1	15651.0	15531.2	15331.4	15087.3	14798.8	14483.6	14106.4
-15°	15260.4	15185.0	15100.6	15051.8	14949.7	14807.7	14607.9	14381.6	14066.4	13755.7	13400.6
-17.5°	14483.6	14390.4	14297.2	14283.9	14212.9	13995.4	13809.0	13533.8	13258.5	12961.2	12614.9
-20°	13569.3	13440.5	13378.4	13342.9	13245.2	13085.4	12885.7	12632.7	12366.4	12082.3	11682.8



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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°	12557.2	12446.3	12339.7	12273.1	12188.8	12064.5	11873.7	11651.7	11389.8	11070.2	10701.8
-25°	11407.6	11252.2	11185.7	11110.2	11065.8	10950.4	10764.0	10559.8	10289.0	9978.3	9627.7
-27.5°	10093.7	9969.4	9933.9	9827.4	9774.1	9654.3	9498.9	9308.1	9059.5	8766.5	8478.0
-30°	8642.2	8566.8	8509.1	8402.6	8362.6	8233.9	8131.8	7972.0	7745.6	7537.0	7306.2
-32.5°	7150.8	7075.4	7057.6	7008.8	6982.2	6897.8	6782.4	6667.0	6485.0	6329.7	6143.2
-35°	5828.1	5774.8	5779.3	5774.8	5748.2	5686.0	5544.0	5512.9	5379.8	5237.7	5117.9
-37.5°	4771.7	4776.1	4771.7	4767.2	4731.7	4705.1	4603.0	4563.0	4483.1	4345.5	4274.5
-40°	3977.1	3986.0	3981.6	3972.7	3932.7	3919.4	3852.8	3799.6	3768.5	3670.8	3595.4
-42.5°	3333.5	3346.8	3342.4	3337.9	3311.3	3306.9	3271.4	3209.2	3191.5	3133.8	3053.9
-45°	2845.2	2840.8	2831.9	2840.8	2827.5	2814.2	2792.0	2752.0	2729.8	2703.2	2636.6
-47.5°	2459.1	2463.5	2454.6	2454.6	2436.9	2423.6	2414.7	2388.0	2370.3	2348.1	2308.2
-50°	2139.5	2157.2	2152.8	2148.4	2135.0	2126.2	2126.2	2099.5	2072.9	2064.0	2037.4
-52.5°	1890.9	1904.2	1908.7	1917.5	1922.0	1926.4	1913.1	1886.5	1842.1	1837.6	1824.3
-55°	1664.5	1704.5	1731.1	1748.9	1766.6	1779.9	1753.3	1717.8	1673.4	1655.7	1651.2
-57.5°	1509.2	1549.1	1580.2	1606.8	1629.0	1651.2	1624.6	1589.1	1549.1	1526.9	1522.5
-60°	1367.1	1402.6	1433.7	1469.2	1500.3	1535.8	1522.5	1495.9	1473.7	1455.9	1438.2
-62.5°	1216.2	1251.7	1287.2	1331.6	1371.6	1407.1	1411.5	1407.1	1402.6	1407.1	1376.0
-65°	1091.9	1109.7	1131.9	1180.7	1225.1	1265.0	1287.2	1300.6	1322.7	1344.9	1313.9
-67.5°	958.8	981.0	1007.6	1043.1	1078.6	1105.2	1136.3	1171.8	1207.3	1242.9	1220.7
-70°	838.9	856.7	878.9	896.6	918.8	936.6	963.2	1003.2	1043.1	1078.6	1069.7
-72.5°	714.6	732.4	745.7	754.6	767.9	776.8	790.1	825.6	852.2	870.0	870.0
-75°	590.4	608.1	621.4	625.9	634.7	639.2	648.1	661.4	674.7	679.1	683.6
-77.5°	452.8	470.5	483.8	492.7	501.6	510.5	514.9	523.8	528.2	528.2	532.7
-80°	337.3	350.7	359.5	372.9	377.3	386.2	395.0	399.5	403.9	403.9	408.4
-82.5°	239.7	248.6	257.4	266.3	275.2	279.6	288.5	293.0	297.4	301.8	306.3
-85°	159.8	168.7	177.6	186.4	190.9	195.3	199.7	204.2	208.6	213.1	217.5
-87.5°	93.2	97.7	102.1	111.0	115.4	124.3	128.7	124.3	128.7	128.7	128.7
-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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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°	173.1	173.1	173.1	173.1	168.7	159.8	155.4	146.5	137.6	128.7	119.8
85°	359.5	364.0	364.0	364.0	355.1	350.7	337.3	324.0	306.3	279.6	257.4
82.5°	599.2	603.7	603.7	599.2	590.4	577.0	559.3	537.1	501.6	466.1	435.0
80°	901.1	905.5	905.5	901.1	878.9	856.7	834.5	807.9	763.5	714.6	661.4
77.5°	1260.6	1269.5	1269.5	1256.2	1225.1	1198.5	1163.0	1118.6	1052.0	981.0	909.9
75°	1677.8	1700.0	1704.5	1691.2	1651.2	1602.4	1544.7	1469.2	1367.1	1278.4	1194.0
72.5°	2161.7	2183.9	2201.6	2183.9	2126.2	2059.6	1975.2	1886.5	1784.4	1664.5	1522.5
70°	2796.4	2818.6	2831.9	2774.2	2672.1	2561.2	2459.1	2357.0	2237.1	2090.7	1935.3
67.5°	3595.4	3573.2	3546.6	3431.2	3302.4	3169.3	3027.2	2876.3	2721.0	2565.6	2383.6
65°	4363.3	4301.1	4243.4	4105.8	3941.6	3768.5	3604.3	3435.6	3249.2	3053.9	2880.7
62.5°	5171.1	5038.0	4895.9	4727.3	4558.6	4367.7	4203.5	4003.8	3795.1	3555.4	3333.5
60°	5965.7	5805.9	5663.8	5455.2	5233.3	4975.8	4798.3	4603.0	4358.9	4101.4	3839.5
57.5°	6733.6	6560.5	6405.1	6223.1	5983.4	5703.8	5508.5	5255.5	4998.0	4674.0	4407.7
55°	7550.3	7377.2	7252.9	7048.7	6786.9	6529.4	6316.3	6050.0	5690.5	5344.3	5015.8
52.5°	8486.9	8349.3	8216.1	8007.5	7692.4	7430.5	7195.2	6897.8	6520.5	6094.4	5699.4
50°	9534.4	9463.4	9321.4	9077.2	8717.7	8486.9	8176.2	7781.1	7377.2	6928.9	6436.2
47.5°	10923.8	10808.4	10608.6	10342.3	10040.5	9694.2	9277.0	8815.4	8242.8	7745.6	7221.8
45°	12583.9	12370.8	12113.4	11753.8	11381.0	10990.3	10533.2	9947.2	9179.3	8531.3	7980.9
42.5°	14381.6	14093.0	13742.4	13271.9	12788.0	12308.7	11816.0	11017.0	10058.2	9312.5	8691.1
40°	16259.1	15890.7	15451.3	14767.7	14230.6	13613.6	13049.9	11855.9	10835.0	10027.1	9365.8
37.5°	18096.8	17630.7	16893.9	16063.8	15438.0	14932.0	13693.5	12415.2	11500.8	10613.1	9942.8
35°	19503.9	19108.8	17808.3	16947.2	16410.1	15611.1	14062.0	12752.5	11784.9	11048.1	10004.9
32.5°	20338.4	19317.4	18176.7	17306.7	16862.8	15553.4	14088.6	12850.2	11918.0	11092.4	9845.1
30°	20151.9	18918.0	17919.2	17191.3	16228.1	15051.8	13840.0	12699.3	11793.8	10795.0	9667.6
27.5°	19028.9	18074.6	17182.4	16423.4	15477.9	14421.5	13302.9	12299.8	11456.4	10488.8	9423.5
25°	17759.4	16893.9	16232.5	15571.1	14674.5	13666.9	12681.5	11958.0	11110.2	10155.9	9103.9
22.5°	16592.1	15970.6	15451.3	14758.8	13884.4	13005.5	12393.0	11642.8	10772.8	9805.2	8775.4
20°	15846.3	15424.7	14829.9	14066.4	13378.4	12828.0	12148.9	11354.3	10457.7	9445.7	8495.8
17.5°	15486.8	14998.5	14337.2	13840.0	13311.8	12708.1	11949.1	11105.8	10151.4	9281.4	8526.8
15°	15300.4	14785.5	14350.5	13862.2	13267.4	12632.7	11789.3	10914.9	10151.4	9348.0	8549.0
12.5°	15340.3	14896.4	14421.5	13888.9	13249.7	12570.5	11807.1	10994.8	10204.7	9396.8	8553.5
10°	15464.6	14998.5	14492.5	13902.2	13258.5	12588.3	11855.9	11043.6	10231.3	9419.0	8544.6
7.5°	15509.0	15003.0	14461.5	13866.7	13236.4	12579.4	11864.8	11056.9	10235.8	9414.6	8518.0
5°	15371.4	14914.2	14390.4	13791.2	13174.2	12535.0	11829.3	11039.2	10200.2	9370.2	8451.4
2.5°	15185.0	14816.6	14315.0	13737.9	13112.1	12472.9	11771.6	10959.3	10120.4	9290.3	8367.0
0°	15153.9	14696.7	14190.7	13675.8	13010.0	12335.3	11638.4	10808.4	9973.9	9139.4	8220.6
-2.5°	14949.7	14465.9	13959.9	13400.6	12814.7	12135.5	11403.2	10590.9	9765.3	8944.1	8060.8
-5°	14794.4	14257.3	13720.2	13116.5	12526.2	11847.0	11088.0	10297.9	9490.0	8691.1	7838.8
-7.5°	14585.7	14035.3	13471.6	12841.3	12202.1	11509.7	10759.5	9969.4	9174.9	8380.4	7563.6
-10°	14164.1	13680.2	13152.0	12499.5	11824.8	11132.4	10386.7	9609.9	8815.4	8011.9	7190.8
-12.5°	13653.6	13143.1	12566.1	11966.9	11363.2	10719.6	9973.9	9210.4	8411.4	7603.6	6786.9
-15°	12992.2	12490.6	11900.3	11314.4	10732.9	10115.9	9459.0	8771.0	7958.7	7164.1	6347.4
-17.5°	12166.6	11696.1	11167.9	10608.6	10031.6	9410.2	8771.0	8189.5	7430.5	6684.8	5876.9
-20°	11278.9	10839.4	10364.5	9836.3	9259.2	8651.1	8047.5	7439.3	6782.4	6125.5	5375.3



REPORT NUMBER: P722190
 CATALOG NUMBER: IFLD-L-SA8D-827-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10355.6	9911.7	9432.3	8939.6	8407.0	7843.3	7284.0	6702.5	6125.5	5530.7	4895.9
-25°	9290.3	8899.7	8460.3	7980.9	7505.9	7013.2	6480.6	5952.4	5459.7	4944.8	4425.4
-27.5°	8176.2	7816.6	7417.2	6999.9	6591.5	6178.7	5717.1	5228.8	4820.5	4394.4	3963.8
-30°	7004.3	6715.8	6391.8	6027.8	5712.7	5379.8	4993.6	4589.7	4216.8	3892.8	3546.6
-32.5°	5894.7	5650.5	5419.7	5180.0	4869.3	4611.9	4345.5	4048.1	3719.7	3413.4	3164.8
-35°	4940.3	4678.4	4580.8	4403.2	4181.3	3954.9	3759.6	3546.6	3298.0	3027.2	2823.0
-37.5°	4136.9	3981.6	3844.0	3746.3	3599.8	3417.8	3262.5	3107.1	2916.3	2712.1	2507.9
-40°	3511.1	3404.5	3253.6	3204.8	3111.6	2987.3	2827.5	2707.6	2578.9	2423.6	2250.4
-42.5°	3009.5	2929.6	2831.9	2747.6	2707.6	2618.9	2494.6	2379.2	2277.1	2170.5	2037.4
-45°	2596.7	2543.4	2481.3	2405.8	2374.7	2303.7	2214.9	2086.2	2028.5	1939.7	1842.1
-47.5°	2263.8	2237.1	2192.7	2143.9	2099.5	2046.3	1966.4	1886.5	1806.6	1748.9	1673.4
-50°	2001.9	1984.1	1957.5	1917.5	1859.8	1824.3	1771.1	1700.0	1624.6	1575.8	1522.5
-52.5°	1793.3	1775.5	1757.7	1726.7	1682.3	1646.8	1602.4	1544.7	1482.5	1433.7	1389.3
-55°	1633.5	1606.8	1593.5	1566.9	1531.4	1491.4	1451.5	1411.5	1358.3	1313.9	1269.5
-57.5°	1509.2	1473.7	1455.9	1433.7	1398.2	1358.3	1327.2	1287.2	1251.7	1202.9	1163.0
-60°	1411.5	1371.6	1336.1	1313.9	1282.8	1242.9	1211.8	1180.7	1145.2	1105.2	1056.4
-62.5°	1331.6	1282.8	1234.0	1207.3	1176.3	1140.8	1109.7	1078.6	1043.1	1003.2	958.8
-65°	1256.2	1198.5	1136.3	1109.7	1078.6	1043.1	1003.2	981.0	949.9	914.4	870.0
-67.5°	1163.0	1100.8	1047.5	1016.5	985.4	954.3	918.8	896.6	865.6	821.2	776.8
-70°	1025.4	985.4	949.9	923.3	896.6	870.0	834.5	799.0	763.5	723.5	683.6
-72.5°	852.2	838.9	834.5	821.2	790.1	759.0	723.5	688.0	656.9	625.9	594.8
-75°	688.0	696.9	705.8	701.3	670.3	639.2	608.1	577.0	554.8	528.2	501.6
-77.5°	546.0	554.8	563.7	563.7	541.5	523.8	501.6	479.4	461.6	439.4	412.8
-80°	421.7	435.0	448.3	457.2	439.4	426.1	408.4	390.6	372.9	355.1	337.3
-82.5°	319.6	332.9	346.2	355.1	341.8	332.9	319.6	306.3	293.0	275.2	261.9
-85°	230.8	239.7	248.6	253.0	244.1	235.3	226.4	217.5	208.6	195.3	186.4
-87.5°	133.2	137.6	142.0	146.5	137.6	128.7	124.3	115.4	111.0	102.1	97.7
-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-SA8D-827-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°	111.0	102.1	93.2	88.8	79.9	66.6	57.7	48.8	39.9	31.1	26.6
85°	235.3	213.1	186.4	173.1	155.4	137.6	119.8	102.1	84.3	66.6	48.8
82.5°	403.9	377.3	350.7	319.6	279.6	230.8	182.0	150.9	124.3	97.7	75.5
80°	608.1	559.3	514.9	474.9	430.6	368.4	301.8	239.7	168.7	128.7	97.7
77.5°	843.4	785.7	723.5	656.9	585.9	501.6	426.1	346.2	261.9	177.6	124.3
75°	1109.7	1034.2	949.9	856.7	763.5	652.5	546.0	452.8	355.1	248.6	150.9
72.5°	1407.1	1313.9	1211.8	1087.5	941.0	812.3	683.6	559.3	443.9	315.2	204.2
70°	1788.8	1642.3	1491.4	1358.3	1171.8	967.6	816.7	674.7	528.2	386.2	257.4
67.5°	2197.2	2019.6	1837.6	1642.3	1407.1	1167.4	949.9	790.1	617.0	452.8	306.3
65°	2641.1	2419.1	2188.3	1970.8	1646.8	1362.7	1118.6	901.1	701.3	514.9	355.1
62.5°	3098.2	2836.4	2570.0	2286.0	1913.1	1562.4	1278.4	1025.4	781.2	572.6	399.5
60°	3586.5	3280.2	2956.2	2601.1	2166.1	1779.9	1429.3	1154.1	865.6	630.3	448.3
57.5°	4101.4	3768.5	3386.8	2907.4	2428.0	1988.6	1602.4	1269.5	941.0	683.6	483.8
55°	4660.7	4279.0	3861.7	3227.0	2685.4	2197.2	1775.5	1384.9	1020.9	728.0	519.3
52.5°	5264.4	4820.5	4292.3	3564.3	2956.2	2410.2	1935.3	1487.0	1096.4	776.8	550.4
50°	5939.0	5379.8	4669.6	3875.0	3191.5	2610.0	2095.1	1598.0	1158.5	830.0	577.0
47.5°	6640.4	6036.7	5006.9	4163.5	3431.2	2805.3	2259.3	1695.6	1220.7	874.4	603.7
45°	7372.8	6493.9	5357.6	4421.0	3639.8	2982.8	2383.6	1784.4	1296.1	914.4	625.9
42.5°	8096.3	6840.1	5663.8	4678.4	3835.1	3142.6	2485.7	1868.7	1358.3	954.3	648.1
40°	8438.1	7102.0	5908.0	4856.0	3999.3	3284.7	2574.5	1944.2	1411.5	981.0	670.3
37.5°	8580.1	7261.8	6067.8	5024.7	4128.0	3360.1	2649.9	2010.8	1455.9	1007.6	688.0
35°	8611.2	7319.5	6147.7	5140.1	4234.6	3431.2	2707.6	2059.6	1491.4	1034.2	705.8
32.5°	8553.5	7301.7	6169.9	5180.0	4301.1	3484.4	2747.6	2095.1	1518.1	1060.9	723.5
30°	8424.7	7208.5	6090.0	5175.6	4350.0	3515.5	2774.2	2121.7	1544.7	1078.6	732.4
27.5°	8216.1	7044.3	5987.9	5180.0	4376.6	3528.8	2787.5	2135.0	1562.4	1091.9	750.1
25°	7958.7	6822.4	5992.3	5171.1	4381.0	3533.2	2787.5	2135.0	1566.9	1096.4	763.5
22.5°	7661.3	6822.4	5992.3	5157.8	4354.4	3524.4	2774.2	2126.2	1566.9	1105.2	776.8
20°	7679.0	6826.8	5979.0	5131.2	4314.5	3497.7	2743.1	2104.0	1553.6	1118.6	785.7
17.5°	7692.4	6817.9	5952.4	5095.7	4261.2	3453.3	2703.2	2072.9	1553.6	1131.9	790.1
15°	7692.4	6791.3	5912.4	5042.4	4194.6	3391.2	2645.5	2046.3	1558.0	1136.3	799.0
12.5°	7679.0	6742.5	5850.3	4971.4	4114.7	3315.7	2610.0	2037.4	1558.0	1140.8	799.0
10°	7652.4	6675.9	5770.4	4882.6	4039.3	3289.1	2592.2	2019.6	1549.1	1140.8	799.0
7.5°	7603.6	6596.0	5703.8	4829.4	3994.9	3258.0	2565.6	1993.0	1535.8	1131.9	807.9
5°	7528.1	6551.6	5650.5	4767.2	3932.7	3235.8	2547.8	1970.8	1526.9	1131.9	799.0
2.5°	7430.5	6498.3	5588.4	4687.3	3861.7	3160.4	2490.1	1922.0	1495.9	1114.1	790.1
0°	7270.7	6391.8	5481.9	4576.4	3764.1	3084.9	2432.4	1873.2	1464.8	1096.4	781.2
-2.5°	7124.2	6249.8	5344.3	4460.9	3670.8	3018.4	2388.0	1846.5	1451.5	1091.9	776.8
-5°	6920.0	6054.5	5162.3	4310.0	3546.6	2951.8	2343.7	1815.4	1438.2	1083.1	776.8
-7.5°	6693.6	5850.3	4971.4	4154.7	3422.3	2836.4	2259.3	1766.6	1407.1	1065.3	772.3
-10°	6343.0	5544.0	4731.7	3977.1	3289.1	2734.3	2188.3	1722.2	1380.5	1047.5	754.6
-12.5°	5970.1	5206.7	4456.5	3759.6	3138.2	2627.7	2108.4	1673.4	1349.4	1029.8	745.7
-15°	5575.1	4860.4	4168.0	3533.2	2974.0	2499.0	2024.1	1620.1	1318.3	1007.6	732.4
-17.5°	5162.3	4496.5	3870.6	3302.4	2809.7	2365.9	1935.3	1571.3	1282.8	985.4	719.1
-20°	4727.3	4123.6	3568.8	3067.2	2636.6	2232.7	1842.1	1513.6	1242.9	958.8	701.3



REPORT NUMBER: P722190
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4296.7	3755.2	3258.0	2836.4	2459.1	2095.1	1748.9	1455.9	1198.5	927.7	688.0
-25°	3915.0	3409.0	2982.8	2614.4	2286.0	1961.9	1651.2	1398.2	1149.6	896.6	670.3
-27.5°	3542.1	3111.6	2712.1	2405.8	2117.3	1833.2	1558.0	1336.1	1100.8	861.1	652.5
-30°	3195.9	2827.5	2499.0	2201.6	1957.5	1717.8	1478.1	1273.9	1047.5	825.6	630.3
-32.5°	2880.7	2583.4	2308.2	2024.1	1806.6	1602.4	1402.6	1211.8	994.3	790.1	608.1
-35°	2587.8	2357.0	2117.3	1877.6	1655.7	1495.9	1322.7	1145.2	945.5	750.1	585.9
-37.5°	2325.9	2139.5	1948.6	1744.4	1553.6	1393.8	1247.3	1078.6	896.6	714.6	563.7
-40°	2099.5	1948.6	1779.9	1615.7	1455.9	1305.0	1171.8	1012.0	847.8	688.0	541.5
-42.5°	1890.9	1775.5	1637.9	1500.3	1358.3	1225.1	1096.4	941.0	799.0	656.9	519.3
-45°	1731.1	1615.7	1504.7	1380.5	1260.6	1145.2	1016.5	878.9	754.6	621.4	497.1
-47.5°	1580.2	1478.1	1376.0	1273.9	1176.3	1069.7	941.0	825.6	705.8	590.4	479.4
-50°	1447.0	1349.4	1260.6	1171.8	1087.5	985.4	865.6	772.3	665.8	559.3	457.2
-52.5°	1322.7	1238.4	1149.6	1078.6	1007.6	905.5	807.9	719.1	625.9	523.8	435.0
-55°	1211.8	1131.9	1052.0	985.4	918.8	830.0	750.1	674.7	585.9	497.1	412.8
-57.5°	1105.2	1038.7	963.2	901.1	834.5	763.5	696.9	625.9	546.0	470.5	390.6
-60°	1007.6	945.5	878.9	816.7	759.0	701.3	639.2	581.5	510.5	439.4	368.4
-62.5°	909.9	856.7	799.0	736.8	692.4	639.2	590.4	532.7	474.9	412.8	328.5
-65°	821.2	772.3	719.1	665.8	625.9	585.9	541.5	488.3	439.4	381.7	293.0
-67.5°	732.4	688.0	643.6	599.2	563.7	532.7	488.3	448.3	408.4	346.2	257.4
-70°	648.1	612.5	572.6	537.1	510.5	474.9	443.9	408.4	372.9	301.8	217.5
-72.5°	568.2	532.7	501.6	474.9	452.8	421.7	395.0	368.4	319.6	253.0	182.0
-75°	474.9	452.8	435.0	412.8	390.6	368.4	346.2	315.2	266.3	204.2	142.0
-77.5°	390.6	377.3	364.0	346.2	328.5	310.7	284.1	253.0	213.1	159.8	115.4
-80°	319.6	306.3	297.4	279.6	266.3	248.6	221.9	195.3	155.4	124.3	93.2
-82.5°	244.1	235.3	226.4	217.5	204.2	186.4	159.8	137.6	115.4	93.2	71.0
-85°	173.1	168.7	159.8	150.9	137.6	124.3	106.5	93.2	79.9	62.1	48.8
-87.5°	88.8	84.3	79.9	75.5	71.0	62.1	53.3	44.4	39.9	31.1	22.2
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	17.8	13.3	4.4	0.0
85°	35.5	22.2	8.9	0.0
82.5°	53.3	35.5	13.3	0.0
80°	71.0	44.4	22.2	0.0
77.5°	88.8	53.3	26.6	0.0
75°	106.5	66.6	31.1	0.0
72.5°	119.8	75.5	35.5	0.0
70°	142.0	88.8	39.9	0.0
67.5°	177.6	97.7	44.4	0.0
65°	208.6	106.5	48.8	0.0
62.5°	244.1	115.4	53.3	0.0
60°	275.2	124.3	57.7	0.0
57.5°	306.3	146.5	62.1	0.0
55°	332.9	164.2	66.6	0.0
52.5°	364.0	182.0	71.0	0.0
50°	390.6	199.7	75.5	0.0
47.5°	412.8	217.5	75.5	0.0
45°	430.6	230.8	79.9	0.0
42.5°	443.9	244.1	84.3	0.0
40°	457.2	257.4	88.8	0.0
37.5°	470.5	270.8	88.8	0.0
35°	483.8	284.1	93.2	0.0
32.5°	497.1	297.4	93.2	0.0
30°	506.0	306.3	97.7	0.0
27.5°	519.3	315.2	97.7	0.0
25°	523.8	324.0	102.1	0.0
22.5°	532.7	328.5	102.1	0.0
20°	541.5	337.3	102.1	0.0
17.5°	546.0	341.8	106.5	0.0
15°	546.0	346.2	111.0	0.0
12.5°	550.4	350.7	111.0	0.0
10°	550.4	359.5	106.5	0.0
7.5°	559.3	355.1	106.5	0.0
5°	554.8	355.1	106.5	0.0
2.5°	550.4	350.7	106.5	0.0
0°	546.0	350.7	106.5	0.0
-2.5°	546.0	350.7	106.5	0.0
-5°	546.0	350.7	106.5	0.0
-7.5°	541.5	355.1	106.5	0.0
-10°	532.7	355.1	106.5	0.0
-12.5°	528.2	341.8	106.5	0.0
-15°	523.8	337.3	106.5	0.0
-17.5°	514.9	332.9	102.1	0.0
-20°	506.0	328.5	102.1	0.0



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 CATALOG NUMBER: IFLD-L-SA8D-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	497.1	319.6	102.1	0.0
-25°	488.3	310.7	97.7	0.0
-27.5°	479.4	301.8	97.7	0.0
-30°	466.1	293.0	93.2	0.0
-32.5°	452.8	284.1	93.2	0.0
-35°	443.9	270.8	88.8	0.0
-37.5°	430.6	257.4	88.8	0.0
-40°	417.2	244.1	84.3	0.0
-42.5°	403.9	230.8	79.9	0.0
-45°	386.2	217.5	79.9	0.0
-47.5°	372.9	204.2	75.5	0.0
-50°	350.7	186.4	71.0	0.0
-52.5°	324.0	168.7	66.6	0.0
-55°	297.4	155.4	62.1	0.0
-57.5°	270.8	137.6	62.1	0.0
-60°	244.1	119.8	57.7	0.0
-62.5°	217.5	111.0	53.3	0.0
-65°	190.9	102.1	48.8	0.0
-67.5°	159.8	88.8	44.4	0.0
-70°	133.2	79.9	39.9	0.0
-72.5°	115.4	71.0	35.5	0.0
-75°	97.7	62.1	31.1	0.0
-77.5°	84.3	53.3	26.6	0.0
-80°	66.6	39.9	17.8	0.0
-82.5°	48.8	31.1	13.3	0.0
-85°	31.1	22.2	8.9	0.0
-87.5°	17.8	8.9	4.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)