

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: P721983

Luminaire Tested: **IFLD-L-SA7E-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721983  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7E-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

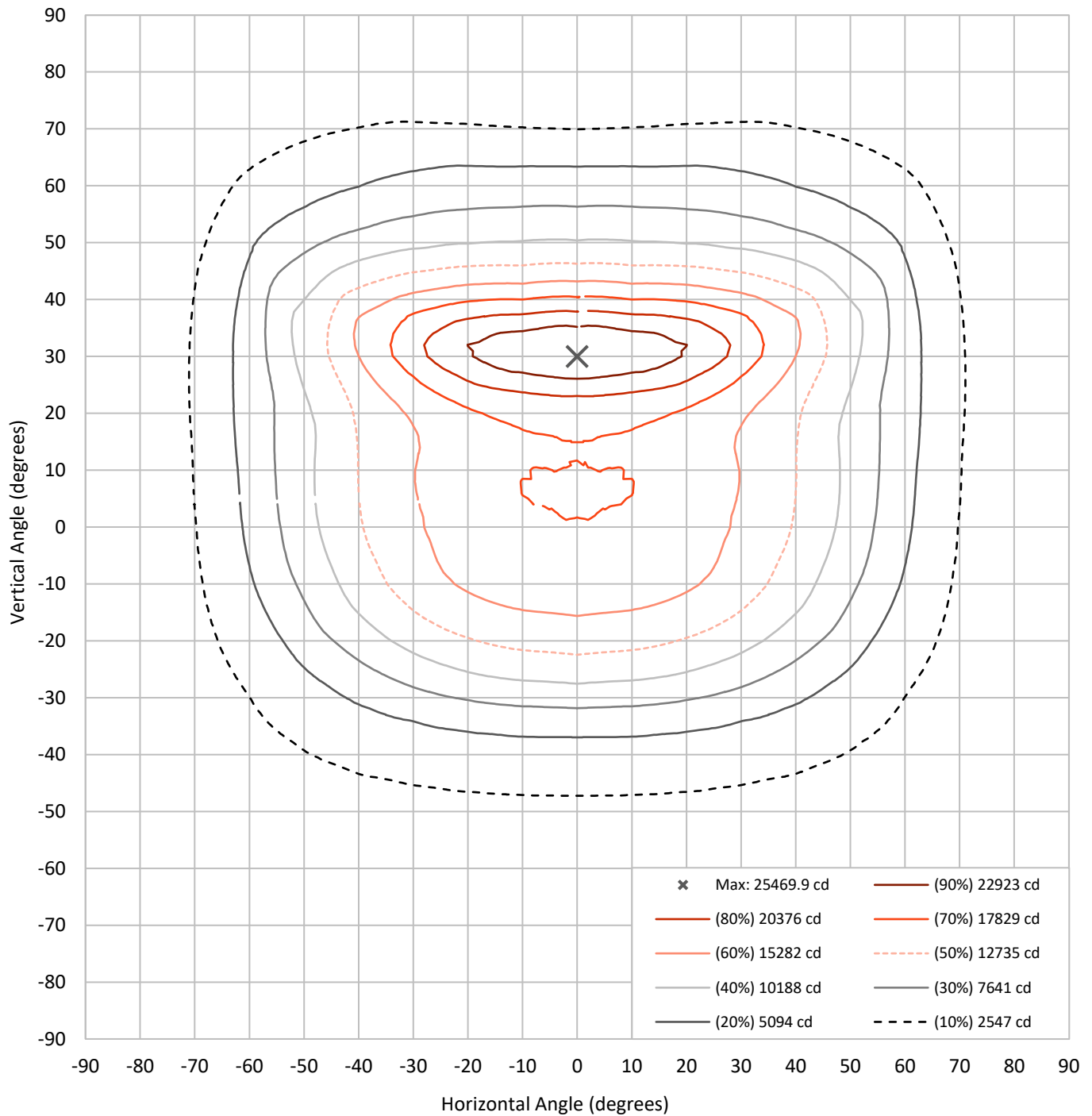
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	42515.6 lumens	Max Intensity:	25469.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	79.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24723.3 lumens	Field Lumens:	39842.7 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 532.7  
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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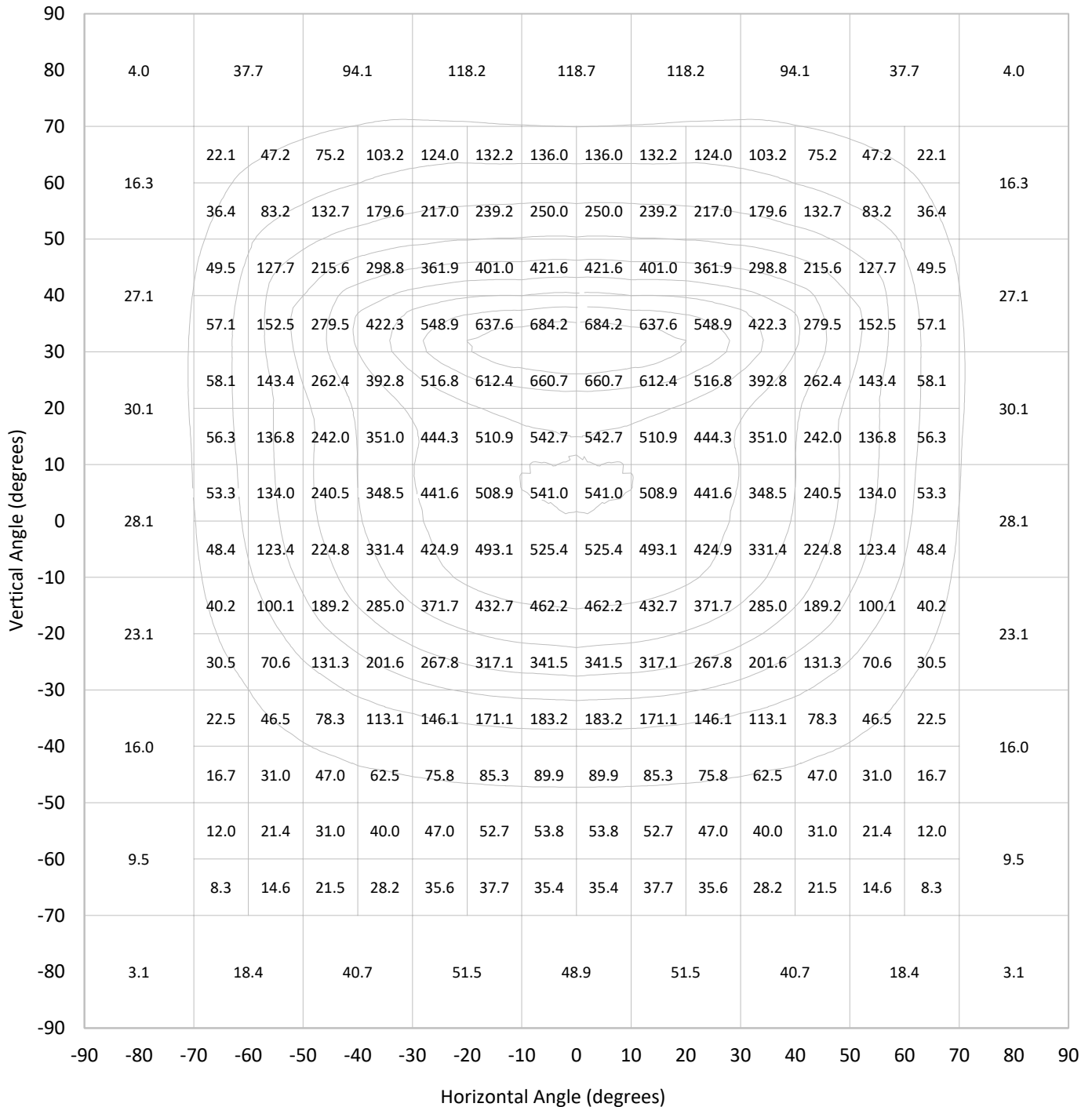
### Iso-Candela Plot





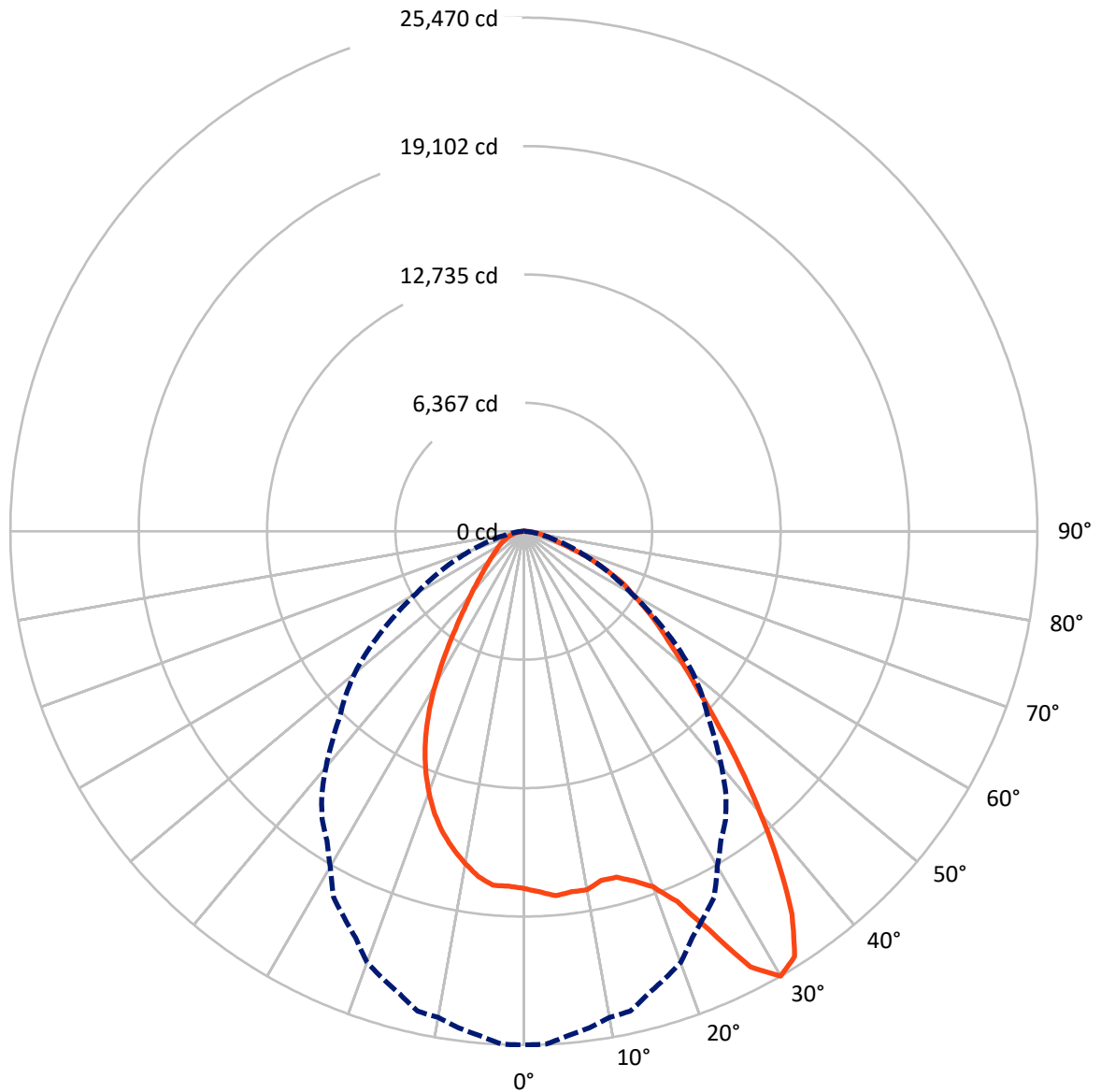
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### Lumen Table



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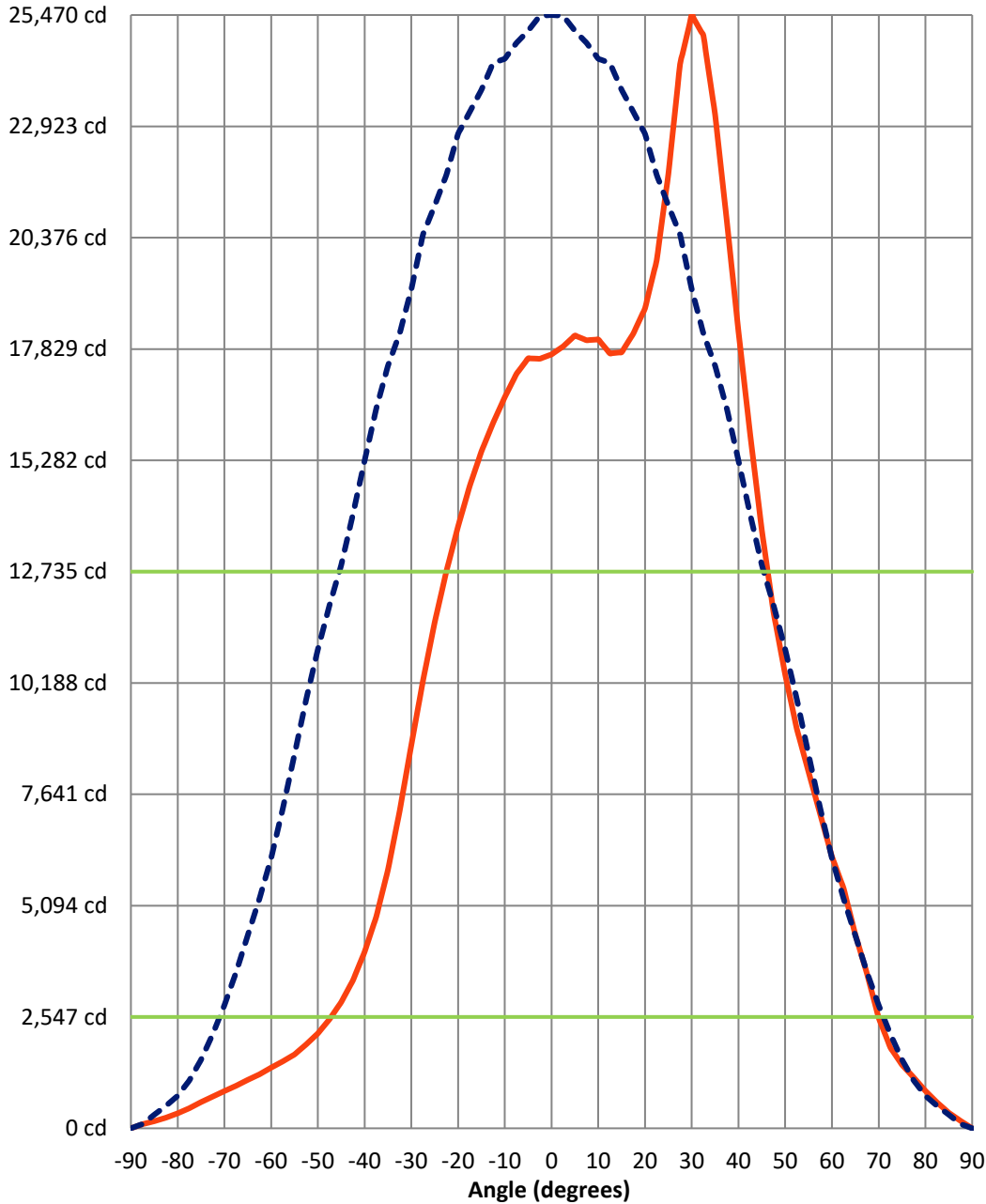
### Luminous Intensity Polar Plot



— 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: 24723.3  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 39842.7  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2673  
 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°	171.2	175.7	180.2	180.2	175.7	175.7	175.7	171.2	175.7	175.7	175.7
85°	355.8	364.8	373.8	369.3	364.8	355.8	346.8	351.3	355.8	360.3	360.3
82.5°	590.0	603.5	612.5	608.0	599.0	590.0	581.0	585.5	594.5	599.0	599.0
80°	855.8	860.3	864.8	873.8	860.3	860.3	855.8	873.8	882.8	891.8	900.8
77.5°	1162.0	1166.5	1166.5	1171.0	1175.5	1180.0	1180.0	1211.6	1234.1	1247.6	1261.1
75°	1450.3	1463.8	1477.3	1490.8	1508.8	1517.8	1531.3	1576.4	1612.4	1639.4	1666.5
72.5°	1846.6	1864.6	1887.2	1918.7	1950.2	1972.7	2004.3	2058.3	2098.8	2125.9	2157.4
70°	2526.7	2544.7	2567.3	2589.8	2621.3	2643.8	2675.4	2742.9	2783.4	2801.5	2819.5
67.5°	3535.6	3580.6	3621.2	3576.1	3553.6	3522.1	3531.1	3594.2	3634.7	3661.7	3657.2
65°	4431.9	4463.4	4463.4	4458.9	4440.9	4400.4	4422.9	4499.5	4544.5	4567.0	4499.5
62.5°	5485.8	5485.8	5463.3	5499.3	5503.8	5476.8	5463.3	5467.8	5472.3	5485.8	5373.2
60°	6215.5	6260.5	6274.0	6305.5	6314.6	6314.6	6337.1	6355.1	6355.1	6328.1	6197.4
57.5°	7179.3	7264.9	7282.9	7260.4	7215.3	7156.8	7147.8	7120.8	7066.7	7012.7	6949.6
55°	8152.2	8197.2	8192.7	8179.2	8134.2	8066.6	8075.6	8039.6	7954.0	7886.4	7800.9
52.5°	9129.5	9237.6	9255.6	9228.6	9165.6	9093.5	9098.0	9057.5	8971.9	8899.8	8782.7
50°	10377.1	10467.2	10458.2	10413.2	10323.1	10269.0	10273.5	10197.0	10097.9	10075.4	9922.2
47.5°	11804.9	11908.5	11890.5	11827.4	11705.8	11683.3	11705.8	11606.7	11548.2	11498.6	11318.5
45°	13678.5	13800.1	13732.6	13611.0	13417.3	13439.8	13471.3	13453.3	13327.2	13196.6	12966.9
42.5°	15876.5	15953.0	15872.0	15750.3	15507.1	15552.2	15534.2	15426.1	15349.5	15133.3	14840.5
40°	18227.5	18394.2	18268.1	18078.9	17826.7	17894.2	17844.7	17705.1	17524.9	17254.7	16885.3
37.5°	20763.3	20893.9	20749.7	20529.0	20303.9	20281.3	20182.2	19966.1	19709.3	19412.1	18822.0
35°	23190.9	23528.7	23263.0	22911.6	22636.9	22533.3	22438.7	21938.8	21646.0	21164.1	20357.9
32.5°	24997.0	25244.7	24915.9	24551.1	24217.8	24073.7	23740.4	23145.8	22988.2	21974.8	21236.2
30°	25469.9	25451.9	25109.6	24830.3	24470.0	24370.9	23758.4	23253.9	22749.5	21812.7	21110.1
27.5°	24343.9	24231.3	23902.5	23659.3	23303.5	23186.4	22582.9	22312.6	21533.4	20740.7	20146.2
25°	21835.2	21893.7	21646.0	21524.4	21290.2	21038.0	20799.3	20434.5	19948.0	19254.4	18709.4
22.5°	19858.0	19934.5	19830.9	19686.8	19506.7	19367.0	19186.9	18903.1	18434.7	18006.8	17493.4
20°	18759.0	18736.5	18646.4	18538.3	18367.1	18268.1	18069.9	17831.2	17470.9	17101.5	16547.5
17.5°	18182.5	18042.9	17957.3	17916.8	17826.7	17700.6	17466.4	17223.1	16943.9	16525.0	16119.7
15°	17754.6	17777.1	17709.6	17678.0	17606.0	17430.3	17191.6	16993.4	16615.1	16403.4	16034.1
12.5°	17727.6	17705.1	17709.6	17696.1	17606.0	17380.8	17259.2	17007.0	16763.7	16484.5	16061.1
10°	18047.4	17808.7	17826.7	17889.7	17745.6	17565.4	17434.8	17160.1	16930.4	16574.6	16155.7
7.5°	18029.4	17907.7	17943.8	17840.2	17885.2	17664.5	17484.4	17209.6	16921.4	16543.0	16164.7
5°	18137.4	17952.8	17921.3	17930.3	17817.7	17651.0	17407.8	17146.6	16876.3	16453.0	16065.6
2.5°	17889.7	17916.8	17772.6	17718.6	17705.1	17425.8	17200.6	16948.4	16669.2	16295.3	15948.5
0°	17705.1	17754.6	17606.0	17529.4	17524.9	17286.2	17142.1	16853.8	16655.6	16344.9	15926.0
-2.5°	17606.0	17664.5	17682.5	17542.9	17407.8	17223.1	16979.9	16669.2	16344.9	15984.6	15624.2
-5°	17615.0	17497.9	17448.3	17493.4	17376.3	17191.6	16921.4	16646.6	16326.9	15939.5	15489.1
-7.5°	17259.2	17142.1	17133.1	17110.5	17083.5	16907.9	16682.7	16385.4	16061.1	15700.8	15281.9
-10°	16727.7	16642.1	16619.6	16597.1	16525.0	16421.4	16209.8	15939.5	15646.8	15286.4	14840.5
-12.5°	16137.7	16097.2	16011.6	15953.0	15881.0	15759.4	15556.7	15309.0	15016.2	14696.4	14313.6
-15°	15484.6	15408.0	15322.5	15272.9	15169.3	15025.2	14822.5	14592.8	14273.0	13957.8	13597.5
-17.5°	14696.4	14601.8	14507.3	14493.7	14421.7	14201.0	14011.8	13732.6	13453.3	13151.6	12800.3
-20°	13768.6	13638.0	13574.9	13538.9	13439.8	13277.7	13075.0	12818.3	12548.0	12259.8	11854.4



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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°	12741.7	12629.1	12521.0	12453.4	12367.9	12241.8	12048.1	11822.9	11557.2	11232.9	10859.0
-25°	11575.2	11417.5	11350.0	11273.4	11228.4	11111.3	10922.1	10714.9	10440.2	10124.9	9769.1
-27.5°	10242.0	10115.9	10079.9	9971.8	9917.7	9796.1	9638.5	9444.8	9192.6	8895.3	8602.6
-30°	8769.2	8692.6	8634.1	8526.0	8485.5	8354.8	8251.3	8089.1	7859.4	7647.7	7413.5
-32.5°	7255.9	7179.3	7161.3	7111.8	7084.7	6999.2	6882.1	6764.9	6580.3	6422.6	6233.5
-35°	5913.7	5859.7	5864.2	5859.7	5832.6	5769.6	5625.4	5593.9	5458.8	5314.7	5193.1
-37.5°	4841.8	4846.3	4841.8	4837.3	4801.2	4774.2	4670.6	4630.1	4549.0	4409.4	4337.3
-40°	4035.5	4044.6	4040.1	4031.0	3990.5	3977.0	3909.4	3855.4	3823.9	3724.8	3648.2
-42.5°	3382.5	3396.0	3391.5	3387.0	3360.0	3355.5	3319.4	3256.4	3238.3	3179.8	3098.7
-45°	2887.0	2882.5	2873.5	2882.5	2869.0	2855.5	2833.0	2792.5	2769.9	2742.9	2675.4
-47.5°	2495.2	2499.7	2490.7	2490.7	2472.7	2459.2	2450.2	2423.1	2405.1	2382.6	2342.1
-50°	2170.9	2188.9	2184.4	2179.9	2166.4	2157.4	2157.4	2130.4	2103.3	2094.3	2067.3
-52.5°	1918.7	1932.2	1936.7	1945.7	1950.2	1954.7	1941.2	1914.2	1869.1	1864.6	1851.1
-55°	1689.0	1729.5	1756.5	1774.6	1792.6	1806.1	1779.1	1743.0	1698.0	1680.0	1675.5
-57.5°	1531.3	1571.9	1603.4	1630.4	1653.0	1675.5	1648.4	1612.4	1571.9	1549.4	1544.9
-60°	1387.2	1423.3	1454.8	1490.8	1522.3	1558.4	1544.9	1517.8	1495.3	1477.3	1459.3
-62.5°	1234.1	1270.1	1306.1	1351.2	1391.7	1427.8	1432.3	1427.8	1423.3	1427.8	1396.2
-65°	1108.0	1126.0	1148.5	1198.1	1243.1	1283.6	1306.1	1319.7	1342.2	1364.7	1333.2
-67.5°	972.9	995.4	1022.4	1058.4	1094.5	1121.5	1153.0	1189.0	1225.1	1261.1	1238.6
-70°	851.2	869.3	891.8	909.8	932.3	950.3	977.4	1017.9	1058.4	1094.5	1085.5
-72.5°	725.1	743.2	756.7	765.7	779.2	788.2	801.7	837.7	864.8	882.8	882.8
-75°	599.0	617.0	630.6	635.1	644.1	648.6	657.6	671.1	684.6	689.1	693.6
-77.5°	459.4	477.4	490.9	499.9	508.9	518.0	522.5	531.5	536.0	536.0	540.5
-80°	342.3	355.8	364.8	378.3	382.8	391.8	400.9	405.4	409.9	409.9	414.4
-82.5°	243.2	252.2	261.2	270.2	279.2	283.7	292.8	297.3	301.8	306.3	310.8
-85°	162.1	171.2	180.2	189.2	193.7	198.2	202.7	207.2	211.7	216.2	220.7
-87.5°	94.6	99.1	103.6	112.6	117.1	126.1	130.6	126.1	130.6	130.6	130.6
-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°	175.7	175.7	175.7	175.7	171.2	162.1	157.6	148.6	139.6	130.6	121.6
85°	364.8	369.3	369.3	369.3	360.3	355.8	342.3	328.8	310.8	283.7	261.2
82.5°	608.0	612.5	612.5	608.0	599.0	585.5	567.5	545.0	508.9	472.9	441.4
80°	914.3	918.8	918.8	914.3	891.8	869.3	846.7	819.7	774.7	725.1	671.1
77.5°	1279.1	1288.1	1288.1	1274.6	1243.1	1216.1	1180.0	1135.0	1067.4	995.4	923.3
75°	1702.5	1725.0	1729.5	1716.0	1675.5	1625.9	1567.4	1490.8	1387.2	1297.1	1211.6
72.5°	2193.4	2215.9	2234.0	2215.9	2157.4	2089.8	2004.3	1914.2	1810.6	1689.0	1544.9
70°	2837.5	2860.0	2873.5	2815.0	2711.4	2598.8	2495.2	2391.6	2270.0	2121.4	1963.7
67.5°	3648.2	3625.7	3598.7	3481.6	3350.9	3215.8	3071.7	2918.6	2760.9	2603.3	2418.6
65°	4427.4	4364.3	4305.8	4166.2	3999.5	3823.9	3657.2	3486.1	3296.9	3098.7	2923.1
62.5°	5247.1	5112.0	4967.9	4796.7	4625.6	4431.9	4265.2	4062.6	3850.9	3607.7	3382.5
60°	6053.3	5891.2	5747.1	5535.4	5310.2	5048.9	4868.8	4670.6	4422.9	4161.7	3895.9
57.5°	6832.5	6656.9	6499.2	6314.6	6071.3	5787.6	5589.4	5332.7	5071.5	4742.7	4472.4
55°	7661.2	7485.6	7359.5	7152.3	6886.6	6625.3	6409.1	6138.9	5774.1	5422.8	5089.5
52.5°	8611.6	8471.9	8336.8	8125.1	7805.4	7539.6	7300.9	6999.2	6616.3	6183.9	5783.1
50°	9674.5	9602.4	9458.3	9210.6	8845.8	8611.6	8296.3	7895.4	7485.6	7030.7	6530.7
47.5°	11084.2	10967.1	10764.5	10494.2	10188.0	9836.6	9413.3	8944.9	8363.9	7859.4	7327.9
45°	12768.7	12552.5	12291.3	11926.5	11548.2	11151.8	10687.9	10093.4	9314.2	8656.6	8098.1
42.5°	14592.8	14300.1	13944.3	13466.8	12975.9	12489.5	11989.5	11178.8	10206.0	9449.3	8818.8
40°	16498.0	16124.2	15678.3	14984.7	14439.7	13813.6	13241.6	12030.1	10994.2	10174.4	9503.4
37.5°	18362.6	17889.7	17142.1	16299.8	15664.8	15151.3	13894.7	12597.6	11669.8	10769.0	10088.9
35°	19790.4	19389.5	18069.9	17196.1	16651.1	15840.4	14268.5	12939.9	11958.0	11210.4	10151.9
32.5°	20637.1	19601.2	18443.7	17560.9	17110.5	15781.9	14295.6	13039.0	12093.1	11255.4	9989.8
30°	20448.0	19195.9	18182.5	17443.8	16466.5	15272.9	14043.3	12885.8	11967.0	10953.6	9809.6
27.5°	19308.5	18340.1	17434.8	16664.7	15705.3	14633.4	13498.4	12480.5	11624.7	10642.9	9561.9
25°	18020.3	17142.1	16471.0	15799.9	14890.1	13867.7	12867.8	12133.7	11273.4	10305.1	9237.6
22.5°	16835.8	16205.2	15678.3	14975.7	14088.4	13196.6	12575.1	11813.9	10931.1	9949.2	8904.3
20°	16079.1	15651.3	15047.7	14273.0	13574.9	13016.4	12327.3	11521.1	10611.3	9584.4	8620.6
17.5°	15714.3	15218.9	14547.8	14043.3	13507.4	12894.8	12124.7	11268.9	10300.6	9417.8	8652.1
15°	15525.1	15002.7	14561.3	14065.9	13462.3	12818.3	11962.5	11075.2	10300.6	9485.3	8674.6
12.5°	15565.7	15115.3	14633.4	14092.9	13444.3	12755.2	11980.5	11156.3	10354.6	9534.9	8679.1
10°	15691.8	15218.9	14705.4	14106.4	13453.3	12773.2	12030.1	11205.9	10381.6	9557.4	8670.1
7.5°	15736.8	15223.4	14673.9	14070.4	13430.8	12764.2	12039.1	11219.4	10386.1	9552.9	8643.1
5°	15597.2	15133.3	14601.8	13993.8	13367.8	12719.2	12003.1	11201.3	10350.1	9507.9	8575.5
2.5°	15408.0	15034.2	14525.3	13939.8	13304.7	12656.1	11944.5	11120.3	10269.0	9426.8	8490.0
0°	15376.5	14912.6	14399.2	13876.7	13201.1	12516.5	11809.4	10967.1	10120.4	9273.7	8341.3
-2.5°	15169.3	14678.4	14165.0	13597.5	13002.9	12313.8	11570.7	10746.4	9908.7	9075.5	8179.2
-5°	15011.7	14466.7	13921.7	13309.2	12710.2	12021.1	11250.9	10449.2	9629.5	8818.8	7954.0
-7.5°	14800.0	14241.5	13669.5	13030.0	12381.4	11678.8	10917.6	10115.9	9309.7	8503.5	7674.7
-10°	14372.1	13881.2	13345.2	12683.2	11998.5	11295.9	10539.3	9751.1	8944.9	8129.6	7296.4
-12.5°	13854.2	13336.2	12750.7	12142.7	11530.1	10877.1	10120.4	9345.7	8535.0	7715.3	6886.6
-15°	13183.1	12674.1	12075.1	11480.6	10890.6	10264.5	9597.9	8899.8	8075.6	7269.4	6440.7
-17.5°	12345.4	11867.9	11332.0	10764.5	10178.9	9548.4	8899.8	8309.8	7539.6	6783.0	5963.2
-20°	11444.6	10998.7	10516.7	9980.8	9395.3	8778.2	8165.7	7548.6	6882.1	6215.5	5454.3



REPORT NUMBER: P721983  
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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10507.7	10057.3	9570.9	9071.0	8530.5	7958.5	7391.0	6801.0	6215.5	5611.9	4967.9
-25°	9426.8	9030.4	8584.5	8098.1	7616.2	7116.3	6575.8	6039.8	5539.9	5017.4	4490.4
-27.5°	8296.3	7931.5	7526.1	7102.7	6688.4	6269.5	5801.1	5305.7	4891.3	4458.9	4022.0
-30°	7107.2	6814.5	6485.7	6116.4	5796.6	5458.8	5067.0	4657.1	4278.8	3950.0	3598.7
-32.5°	5981.3	5733.5	5499.3	5256.1	4940.8	4679.6	4409.4	4107.6	3774.3	3463.5	3211.3
-35°	5012.9	4747.2	4648.1	4467.9	4242.7	4013.0	3814.9	3598.7	3346.4	3071.7	2864.5
-37.5°	4197.7	4040.1	3900.4	3801.3	3652.7	3468.0	3310.4	3152.8	2959.1	2751.9	2544.7
-40°	3562.6	3454.5	3301.4	3251.9	3157.3	3031.2	2869.0	2747.4	2616.8	2459.2	2283.5
-42.5°	3053.7	2972.6	2873.5	2788.0	2747.4	2657.3	2531.2	2414.1	2310.5	2202.4	2067.3
-45°	2634.8	2580.8	2517.7	2441.1	2409.6	2337.6	2247.5	2116.9	2058.3	1968.2	1869.1
-47.5°	2297.0	2270.0	2225.0	2175.4	2130.4	2076.3	1995.3	1914.2	1833.1	1774.6	1698.0
-50°	2031.3	2013.3	1986.2	1945.7	1887.2	1851.1	1797.1	1725.0	1648.4	1598.9	1544.9
-52.5°	1819.6	1801.6	1783.6	1752.0	1707.0	1671.0	1625.9	1567.4	1504.3	1454.8	1409.7
-55°	1657.5	1630.4	1616.9	1589.9	1553.9	1513.3	1472.8	1432.3	1378.2	1333.2	1288.1
-57.5°	1531.3	1495.3	1477.3	1454.8	1418.7	1378.2	1346.7	1306.1	1270.1	1220.6	1180.0
-60°	1432.3	1391.7	1355.7	1333.2	1301.6	1261.1	1229.6	1198.1	1162.0	1121.5	1071.9
-62.5°	1351.2	1301.6	1252.1	1225.1	1193.5	1157.5	1126.0	1094.5	1058.4	1017.9	972.9
-65°	1274.6	1216.1	1153.0	1126.0	1094.5	1058.4	1017.9	995.4	963.8	927.8	882.8
-67.5°	1180.0	1117.0	1062.9	1031.4	999.9	968.4	932.3	909.8	878.3	833.2	788.2
-70°	1040.4	999.9	963.8	936.8	909.8	882.8	846.7	810.7	774.7	734.1	693.6
-72.5°	864.8	851.2	846.7	833.2	801.7	770.2	734.1	698.1	666.6	635.1	603.5
-75°	698.1	707.1	716.1	711.6	680.1	648.6	617.0	585.5	563.0	536.0	508.9
-77.5°	554.0	563.0	572.0	572.0	549.5	531.5	508.9	486.4	468.4	445.9	418.9
-80°	427.9	441.4	454.9	463.9	445.9	432.4	414.4	396.3	378.3	360.3	342.3
-82.5°	324.3	337.8	351.3	360.3	346.8	337.8	324.3	310.8	297.3	279.2	265.7
-85°	234.2	243.2	252.2	256.7	247.7	238.7	229.7	220.7	211.7	198.2	189.2
-87.5°	135.1	139.6	144.1	148.6	139.6	130.6	126.1	117.1	112.6	103.6	99.1
-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-SA7E-722-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°	112.6	103.6	94.6	90.1	81.1	67.6	58.6	49.5	40.5	31.5	27.0
85°	238.7	216.2	189.2	175.7	157.6	139.6	121.6	103.6	85.6	67.6	49.5
82.5°	409.9	382.8	355.8	324.3	283.7	234.2	184.7	153.1	126.1	99.1	76.6
80°	617.0	567.5	522.5	481.9	436.9	373.8	306.3	243.2	171.2	130.6	99.1
77.5°	855.8	797.2	734.1	666.6	594.5	508.9	432.4	351.3	265.7	180.2	126.1
75°	1126.0	1049.4	963.8	869.3	774.7	662.1	554.0	459.4	360.3	252.2	153.1
72.5°	1427.8	1333.2	1229.6	1103.5	954.8	824.2	693.6	567.5	450.4	319.8	207.2
70°	1815.1	1666.5	1513.3	1378.2	1189.0	981.9	828.7	684.6	536.0	391.8	261.2
67.5°	2229.5	2049.3	1864.6	1666.5	1427.8	1184.5	963.8	801.7	626.1	459.4	310.8
65°	2679.9	2454.7	2220.5	1999.8	1671.0	1382.7	1135.0	914.3	711.6	522.5	360.3
62.5°	3143.8	2878.0	2607.8	2319.5	1941.2	1585.4	1297.1	1040.4	792.7	581.0	405.4
60°	3639.2	3328.4	2999.6	2639.3	2197.9	1806.1	1450.3	1171.0	878.3	639.6	454.9
57.5°	4161.7	3823.9	3436.5	2950.1	2463.7	2017.8	1625.9	1288.1	954.8	693.6	490.9
55°	4729.2	4341.8	3918.4	3274.4	2724.9	2229.5	1801.6	1405.2	1035.9	738.6	527.0
52.5°	5341.7	4891.3	4355.3	3616.7	2999.6	2445.7	1963.7	1508.8	1112.5	788.2	558.5
50°	6026.3	5458.8	4738.2	3932.0	3238.3	2648.3	2125.9	1621.4	1175.5	842.2	585.5
47.5°	6737.9	6125.4	5080.5	4224.7	3481.6	2846.5	2292.5	1720.5	1238.6	887.3	612.5
45°	7481.1	6589.3	5436.3	4485.9	3693.2	3026.7	2418.6	1810.6	1315.2	927.8	635.1
42.5°	8215.2	6940.6	5747.1	4747.2	3891.4	3188.8	2522.2	1896.2	1378.2	968.4	657.6
40°	8562.0	7206.3	5994.8	4927.3	4058.1	3332.9	2612.3	1972.7	1432.3	995.4	680.1
37.5°	8706.2	7368.5	6156.9	5098.5	4188.7	3409.5	2688.9	2040.3	1477.3	1022.4	698.1
35°	8737.7	7427.0	6238.0	5215.6	4296.8	3481.6	2747.4	2089.8	1513.3	1049.4	716.1
32.5°	8679.1	7409.0	6260.5	5256.1	4364.3	3535.6	2788.0	2125.9	1540.4	1076.4	734.1
30°	8548.5	7314.4	6179.4	5251.6	4413.9	3567.1	2815.0	2152.9	1567.4	1094.5	743.2
27.5°	8336.8	7147.8	6075.8	5256.1	4440.9	3580.6	2828.5	2166.4	1585.4	1108.0	761.2
25°	8075.6	6922.6	6080.3	5247.1	4445.4	3585.2	2828.5	2166.4	1589.9	1112.5	774.7
22.5°	7773.8	6922.6	6080.3	5233.6	4418.4	3576.1	2815.0	2157.4	1589.9	1121.5	788.2
20°	7791.9	6927.1	6066.8	5206.6	4377.8	3549.1	2783.4	2134.9	1576.4	1135.0	797.2
17.5°	7805.4	6918.1	6039.8	5170.5	4323.8	3504.1	2742.9	2103.3	1576.4	1148.5	801.7
15°	7805.4	6891.1	5999.3	5116.5	4256.2	3441.0	2684.4	2076.3	1580.9	1153.0	810.7
12.5°	7791.9	6841.5	5936.2	5044.4	4175.2	3364.5	2648.3	2067.3	1580.9	1157.5	810.7
10°	7764.8	6774.0	5855.1	4954.4	4098.6	3337.4	2630.3	2049.3	1571.9	1157.5	810.7
7.5°	7715.3	6692.9	5787.6	4900.3	4053.6	3305.9	2603.3	2022.3	1558.4	1148.5	819.7
5°	7638.7	6647.8	5733.5	4837.3	3990.5	3283.4	2585.3	1999.8	1549.4	1148.5	810.7
2.5°	7539.6	6593.8	5670.5	4756.2	3918.4	3206.8	2526.7	1950.2	1517.8	1130.5	801.7
0°	7377.5	6485.7	5562.4	4643.6	3819.4	3130.3	2468.2	1900.7	1486.3	1112.5	792.7
-2.5°	7228.9	6341.6	5422.8	4526.5	3724.8	3062.7	2423.1	1873.6	1472.8	1108.0	788.2
-5°	7021.7	6143.4	5238.1	4373.3	3598.7	2995.1	2378.1	1842.1	1459.3	1099.0	788.2
-7.5°	6792.0	5936.2	5044.4	4215.7	3472.6	2878.0	2292.5	1792.6	1427.8	1081.0	783.7
-10°	6436.2	5625.4	4801.2	4035.5	3337.4	2774.4	2220.5	1747.5	1400.7	1062.9	765.7
-12.5°	6057.8	5283.1	4522.0	3814.9	3184.3	2666.3	2139.4	1698.0	1369.2	1044.9	756.7
-15°	5657.0	4931.8	4229.2	3585.2	3017.7	2535.7	2053.8	1643.9	1337.7	1022.4	743.2
-17.5°	5238.1	4562.5	3927.5	3350.9	2851.0	2400.6	1963.7	1594.4	1301.6	999.9	729.6
-20°	4796.7	4184.2	3621.2	3112.2	2675.4	2265.5	1869.1	1535.9	1261.1	972.9	711.6



REPORT NUMBER: P721983  
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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°	4359.8	3810.4	3305.9	2878.0	2495.2	2125.9	1774.6	1477.3	1216.1	941.3	698.1
-25°	3972.5	3459.0	3026.7	2652.8	2319.5	1990.8	1675.5	1418.7	1166.5	909.8	680.1
-27.5°	3594.2	3157.3	2751.9	2441.1	2148.4	1860.1	1580.9	1355.7	1117.0	873.8	662.1
-30°	3242.9	2869.0	2535.7	2234.0	1986.2	1743.0	1499.8	1292.6	1062.9	837.7	639.6
-32.5°	2923.1	2621.3	2342.1	2053.8	1833.1	1625.9	1423.3	1229.6	1008.9	801.7	617.0
-35°	2625.8	2391.6	2148.4	1905.2	1680.0	1517.8	1342.2	1162.0	959.3	761.2	594.5
-37.5°	2360.1	2170.9	1977.2	1770.1	1576.4	1414.2	1265.6	1094.5	909.8	725.1	572.0
-40°	2130.4	1977.2	1806.1	1639.4	1477.3	1324.2	1189.0	1026.9	860.3	698.1	549.5
-42.5°	1918.7	1801.6	1662.0	1522.3	1378.2	1243.1	1112.5	954.8	810.7	666.6	527.0
-45°	1756.5	1639.4	1526.8	1400.7	1279.1	1162.0	1031.4	891.8	765.7	630.6	504.4
-47.5°	1603.4	1499.8	1396.2	1292.6	1193.5	1085.5	954.8	837.7	716.1	599.0	486.4
-50°	1468.3	1369.2	1279.1	1189.0	1103.5	999.9	878.3	783.7	675.6	567.5	463.9
-52.5°	1342.2	1256.6	1166.5	1094.5	1022.4	918.8	819.7	729.6	635.1	531.5	441.4
-55°	1229.6	1148.5	1067.4	999.9	932.3	842.2	761.2	684.6	594.5	504.4	418.9
-57.5°	1121.5	1053.9	977.4	914.3	846.7	774.7	707.1	635.1	554.0	477.4	396.3
-60°	1022.4	959.3	891.8	828.7	770.2	711.6	648.6	590.0	518.0	445.9	373.8
-62.5°	923.3	869.3	810.7	747.7	702.6	648.6	599.0	540.5	481.9	418.9	333.3
-65°	833.2	783.7	729.6	675.6	635.1	594.5	549.5	495.4	445.9	387.3	297.3
-67.5°	743.2	698.1	653.1	608.0	572.0	540.5	495.4	454.9	414.4	351.3	261.2
-70°	657.6	621.5	581.0	545.0	518.0	481.9	450.4	414.4	378.3	306.3	220.7
-72.5°	576.5	540.5	508.9	481.9	459.4	427.9	400.9	373.8	324.3	256.7	184.7
-75°	481.9	459.4	441.4	418.9	396.3	373.8	351.3	319.8	270.2	207.2	144.1
-77.5°	396.3	382.8	369.3	351.3	333.3	315.3	288.3	256.7	216.2	162.1	117.1
-80°	324.3	310.8	301.8	283.7	270.2	252.2	225.2	198.2	157.6	126.1	94.6
-82.5°	247.7	238.7	229.7	220.7	207.2	189.2	162.1	139.6	117.1	94.6	72.1
-85°	175.7	171.2	162.1	153.1	139.6	126.1	108.1	94.6	81.1	63.1	49.5
-87.5°	90.1	85.6	81.1	76.6	72.1	63.1	54.0	45.0	40.5	31.5	22.5
-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: P721983  
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**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	18.0	13.5	4.5	0.0
85°	36.0	22.5	9.0	0.0
82.5°	54.0	36.0	13.5	0.0
80°	72.1	45.0	22.5	0.0
77.5°	90.1	54.0	27.0	0.0
75°	108.1	67.6	31.5	0.0
72.5°	121.6	76.6	36.0	0.0
70°	144.1	90.1	40.5	0.0
67.5°	180.2	99.1	45.0	0.0
65°	211.7	108.1	49.5	0.0
62.5°	247.7	117.1	54.0	0.0
60°	279.2	126.1	58.6	0.0
57.5°	310.8	148.6	63.1	0.0
55°	337.8	166.6	67.6	0.0
52.5°	369.3	184.7	72.1	0.0
50°	396.3	202.7	76.6	0.0
47.5°	418.9	220.7	76.6	0.0
45°	436.9	234.2	81.1	0.0
42.5°	450.4	247.7	85.6	0.0
40°	463.9	261.2	90.1	0.0
37.5°	477.4	274.7	90.1	0.0
35°	490.9	288.3	94.6	0.0
32.5°	504.4	301.8	94.6	0.0
30°	513.5	310.8	99.1	0.0
27.5°	527.0	319.8	99.1	0.0
25°	531.5	328.8	103.6	0.0
22.5°	540.5	333.3	103.6	0.0
20°	549.5	342.3	103.6	0.0
17.5°	554.0	346.8	108.1	0.0
15°	554.0	351.3	112.6	0.0
12.5°	558.5	355.8	112.6	0.0
10°	558.5	364.8	108.1	0.0
7.5°	567.5	360.3	108.1	0.0
5°	563.0	360.3	108.1	0.0
2.5°	558.5	355.8	108.1	0.0
0°	554.0	355.8	108.1	0.0
-2.5°	554.0	355.8	108.1	0.0
-5°	554.0	355.8	108.1	0.0
-7.5°	549.5	360.3	108.1	0.0
-10°	540.5	360.3	108.1	0.0
-12.5°	536.0	346.8	108.1	0.0
-15°	531.5	342.3	108.1	0.0
-17.5°	522.5	337.8	103.6	0.0
-20°	513.5	333.3	103.6	0.0



REPORT NUMBER: P721983

CATALOG NUMBER: IFLD-L-SA7E-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	504.4	324.3	103.6	0.0
-25°	495.4	315.3	99.1	0.0
-27.5°	486.4	306.3	99.1	0.0
-30°	472.9	297.3	94.6	0.0
-32.5°	459.4	288.3	94.6	0.0
-35°	450.4	274.7	90.1	0.0
-37.5°	436.9	261.2	90.1	0.0
-40°	423.4	247.7	85.6	0.0
-42.5°	409.9	234.2	81.1	0.0
-45°	391.8	220.7	81.1	0.0
-47.5°	378.3	207.2	76.6	0.0
-50°	355.8	189.2	72.1	0.0
-52.5°	328.8	171.2	67.6	0.0
-55°	301.8	157.6	63.1	0.0
-57.5°	274.7	139.6	63.1	0.0
-60°	247.7	121.6	58.6	0.0
-62.5°	220.7	112.6	54.0	0.0
-65°	193.7	103.6	49.5	0.0
-67.5°	162.1	90.1	45.0	0.0
-70°	135.1	81.1	40.5	0.0
-72.5°	117.1	72.1	36.0	0.0
-75°	99.1	63.1	31.5	0.0
-77.5°	85.6	54.0	27.0	0.0
-80°	67.6	40.5	18.0	0.0
-82.5°	49.5	31.5	13.5	0.0
-85°	31.5	22.5	9.0	0.0
-87.5°	18.0	9.0	4.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)