

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: P722392

Luminaire Tested: **IFLD-L-SA8C-722-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722392
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-722-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	38159.9 lumens	Max Intensity:	26639.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.8 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:	24344.3 lumens	Field Lumens:	35976.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

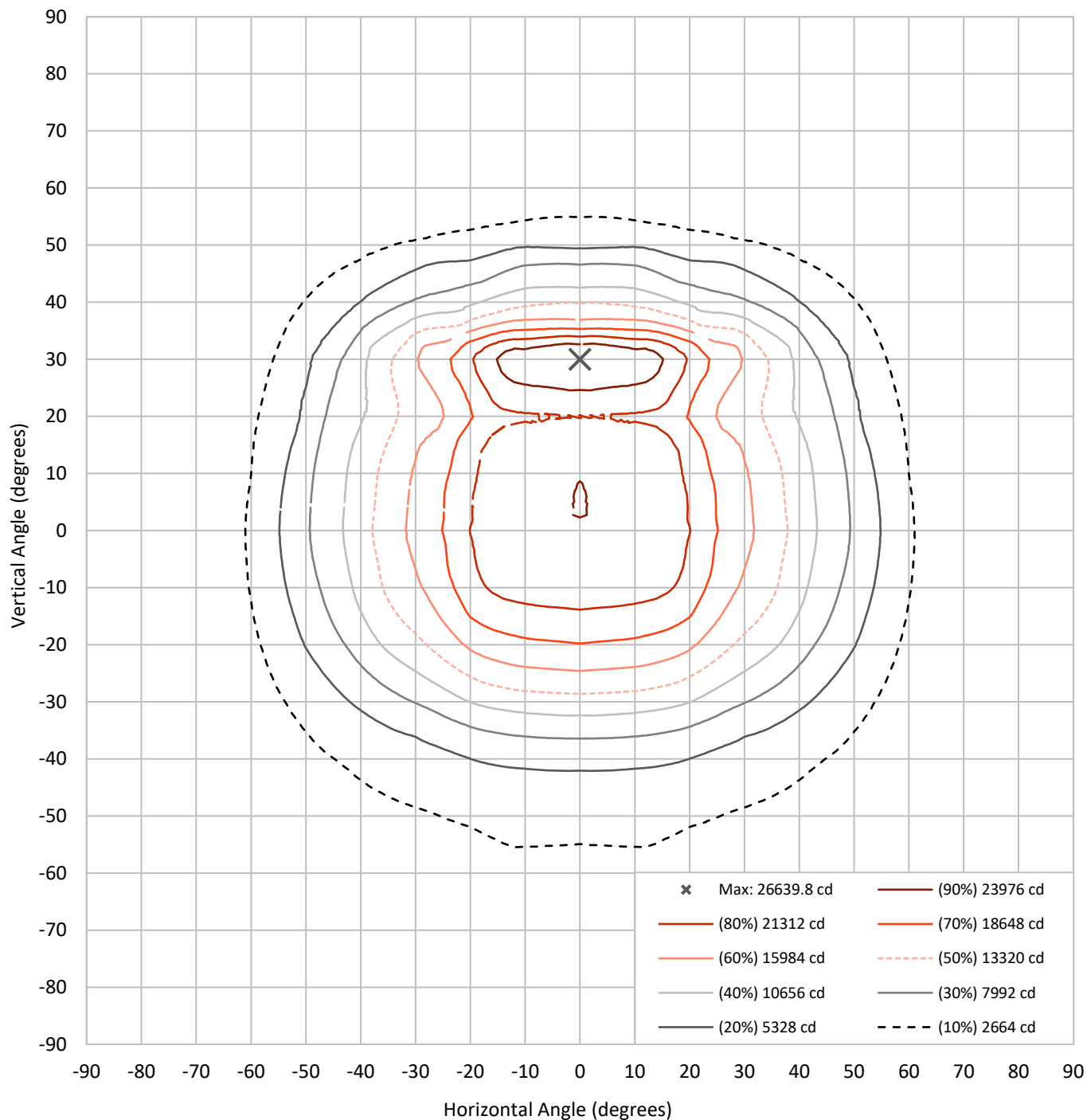
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

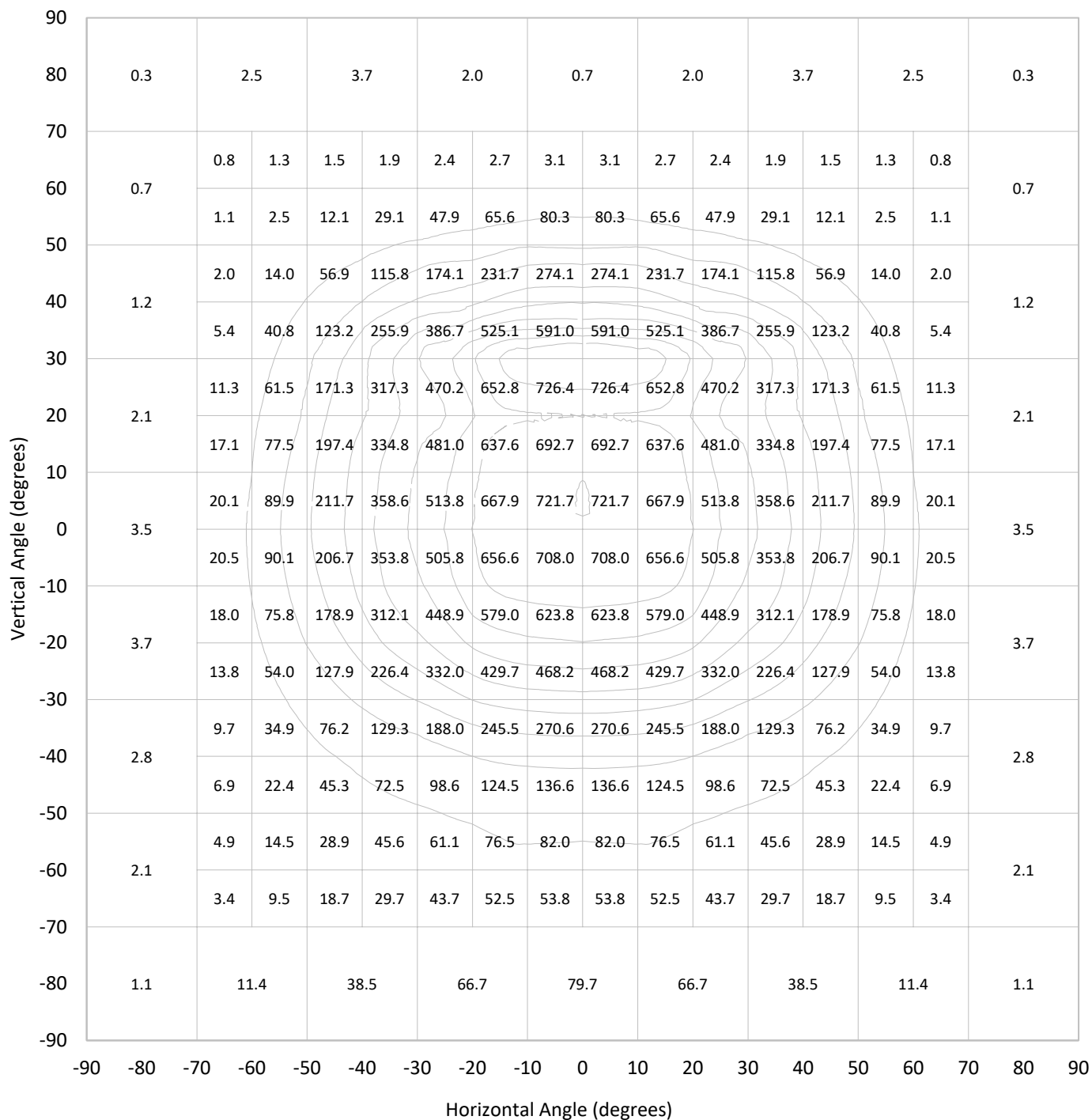
Iso-Candela Plot



REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

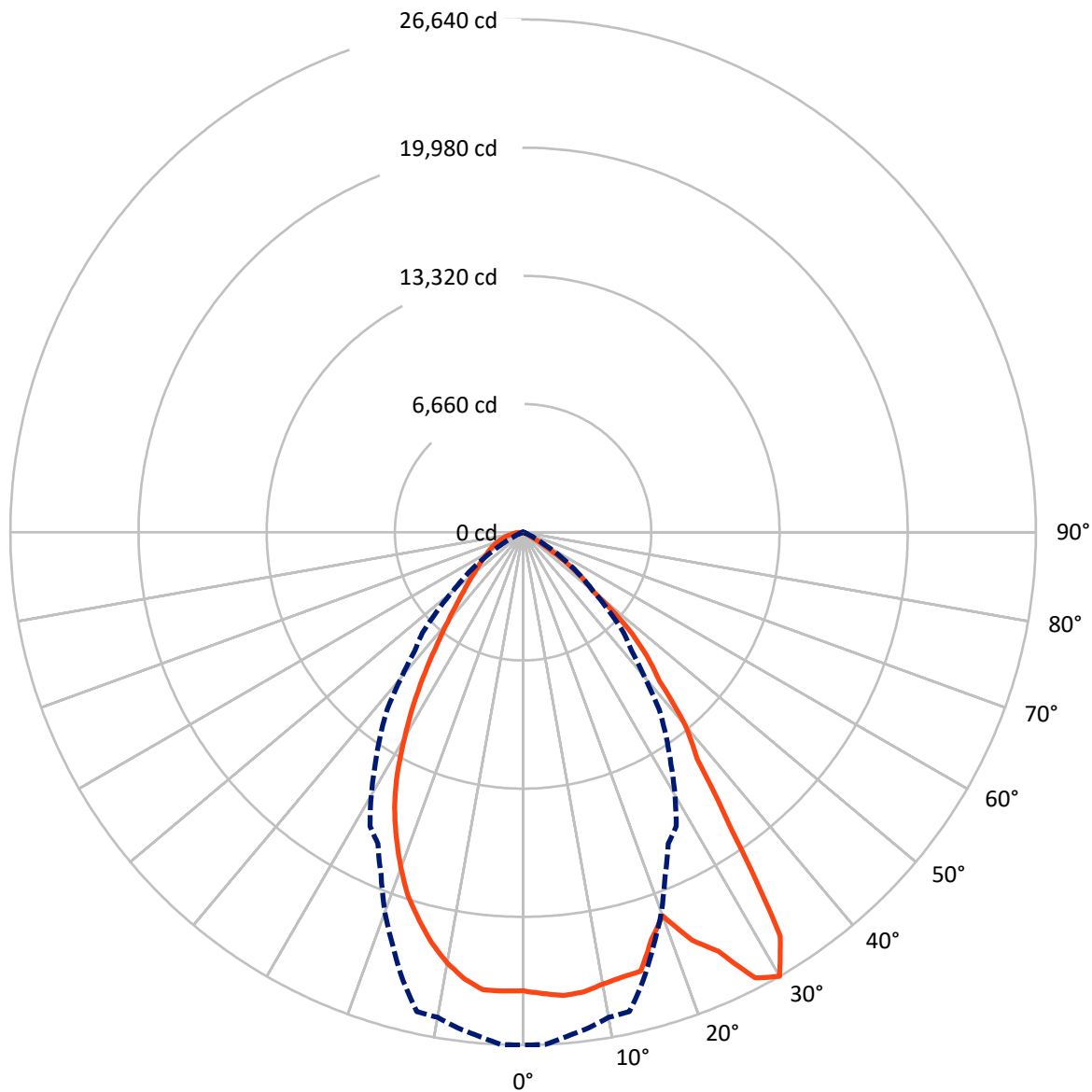
Lumen Table



REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

Luminous Intensity Polar Plot



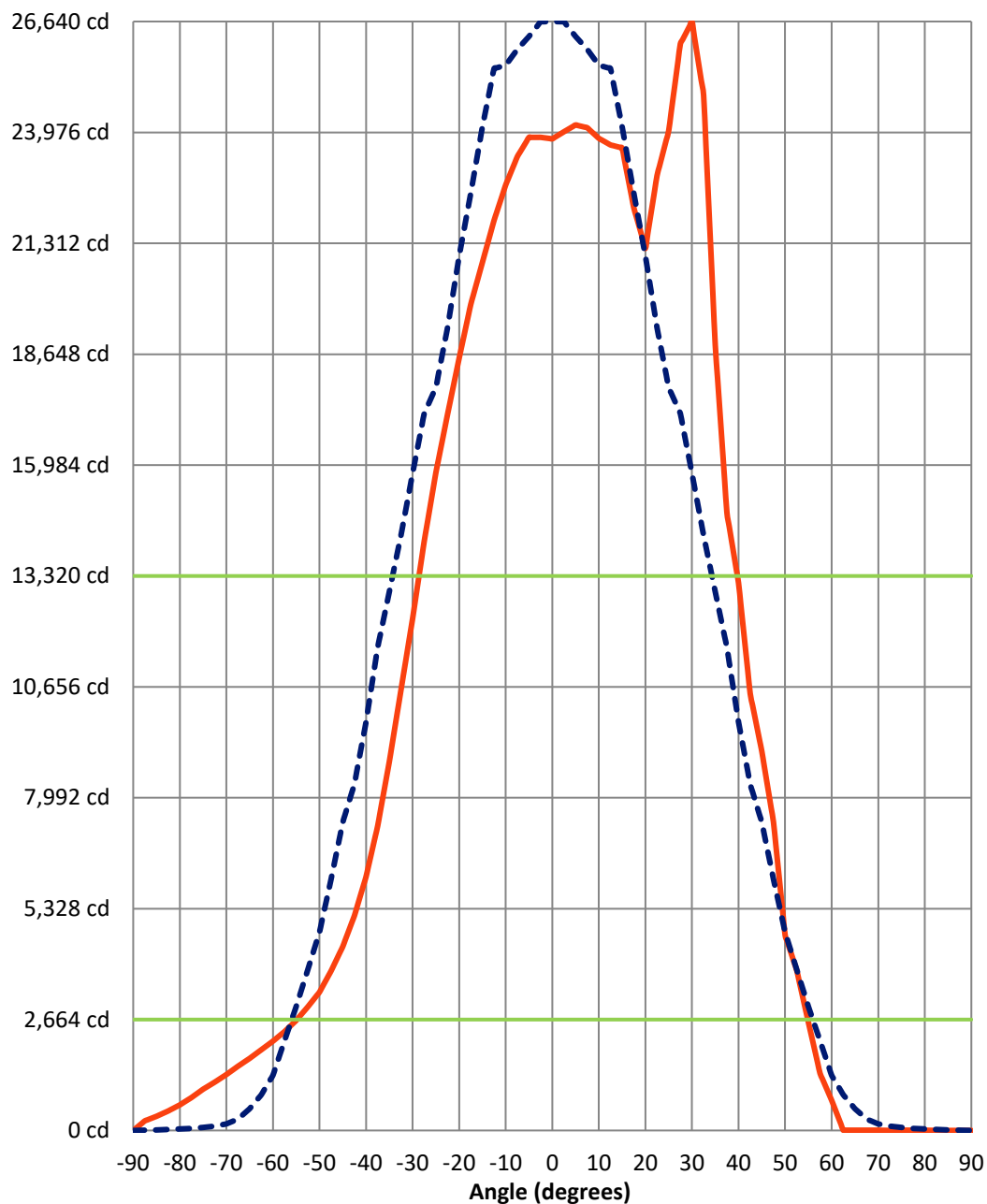
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 24344.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 35976.2

Efficiency: 94.3%

Spill:

Lumens: 2183.7

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

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	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	0.0	6.1	6.1	6.1	12.2	12.2	12.2	12.2	12.2	12.2	18.2
82.5°	0.0	6.1	6.1	6.1	12.2	12.2	12.2	12.2	18.2	18.2	24.3
80°	6.1	6.1	6.1	6.1	12.2	12.2	12.2	18.2	18.2	24.3	24.3
77.5°	6.1	6.1	6.1	12.2	12.2	12.2	18.2	18.2	24.3	24.3	30.4
75°	6.1	6.1	6.1	12.2	12.2	18.2	18.2	18.2	24.3	24.3	30.4
72.5°	0.0	6.1	6.1	12.2	12.2	18.2	18.2	18.2	24.3	24.3	24.3
70°	6.1	6.1	6.1	12.2	12.2	18.2	18.2	18.2	24.3	24.3	24.3
67.5°	6.1	6.1	6.1	12.2	12.2	18.2	18.2	24.3	24.3	24.3	30.4
65°	6.1	6.1	6.1	12.2	18.2	18.2	24.3	30.4	30.4	36.5	42.5
62.5°	6.1	12.2	12.2	18.2	24.3	30.4	66.8	103.3	103.3	72.9	60.8
60°	723.0	783.7	777.6	704.7	613.6	516.4	498.2	479.9	443.5	388.8	407.0
57.5°	1373.0	1445.9	1476.3	1458.1	1409.4	1324.4	1275.8	1221.1	1148.2	1063.2	966.0
55°	2600.2	2630.6	2563.7	2436.2	2296.4	2156.7	2108.1	2035.2	1925.8	1816.5	1670.7
52.5°	3845.6	3948.9	3918.5	3790.9	3602.6	3353.5	3080.1	2867.5	2739.9	2618.4	2472.6
50°	4696.1	4738.7	4823.7	4975.6	5030.3	4860.2	4416.7	3845.6	3438.6	3645.1	3487.2
47.5°	7411.8	7624.4	7581.9	7472.5	7290.3	6828.5	6208.9	5698.6	5273.3	5133.6	5157.9
45°	9106.7	9191.8	9161.4	9112.8	9027.8	8596.4	7909.9	7126.2	6731.3	6573.4	6409.4
42.5°	10498.0	10589.1	10607.3	10613.4	10522.3	10127.4	9507.7	8724.0	8329.1	7873.5	7515.0
40°	13152.8	13286.5	13134.6	12934.1	12630.4	12180.8	11573.3	10850.3	10151.7	9592.8	9167.5
37.5°	14847.8	15011.9	15072.6	15060.5	14993.6	14799.2	14052.0	13365.5	12296.2	11044.7	11269.5
35°	18869.6	19039.7	18991.1	18808.9	18711.7	18505.1	17776.1	16962.0	15619.4	14258.5	13894.0
32.5°	24865.9	25236.4	24543.9	23784.5	23316.7	23480.7	22739.5	20746.9	20127.2	17672.8	16536.7
30°	26639.8	26633.7	26281.4	25971.5	25588.8	25509.8	24112.5	22520.8	21002.0	19282.7	17849.0
27.5°	26099.1	25989.8	25692.1	25467.3	25108.9	24920.5	23553.6	22290.0	20534.2	18997.2	17612.0
25°	24015.3	24100.4	23796.6	23754.1	23614.4	23249.8	22569.4	21147.8	19580.4	17879.4	16883.0
22.5°	22940.0	22909.6	22545.1	22332.5	22502.6	22113.8	21840.4	20406.6	18772.4	17338.7	16141.8
20°	21190.4	21196.4	21105.3	21087.1	20983.8	20807.6	20588.9	19574.3	18420.1	17192.9	15753.0
17.5°	22168.5	22417.5	22526.9	21621.7	21876.9	21676.4	21445.5	20030.0	19161.2	18073.8	16196.5
15°	23602.2	23511.1	23401.7	23353.1	23213.4	23025.1	22605.9	21475.9	19981.4	18857.5	17393.3
12.5°	23675.1	23498.9	23456.4	23450.3	23304.5	23043.3	22636.3	21700.7	20376.3	19009.3	17818.6
10°	23833.1	23650.8	23626.5	23656.9	23432.1	23268.1	22861.0	21992.3	20497.8	19270.6	18146.7
7.5°	24088.2	23784.5	23924.2	23833.1	23729.8	23468.6	23031.1	22180.6	20941.3	19616.9	18438.3
5°	24155.1	23820.9	23972.8	23887.7	23735.9	23480.7	23006.8	22302.1	21214.7	19756.6	18553.7
2.5°	23991.0	23893.8	23827.0	23669.0	23602.2	23322.8	22873.2	22119.9	21087.1	19695.8	18529.4
0°	23820.9	23906.0	23754.1	23596.1	23565.8	23341.0	22958.2	22277.8	21384.8	19866.0	18736.0
-2.5°	23857.4	23790.5	23687.3	23523.2	23365.3	23043.3	22697.0	22059.1	21099.2	19495.4	18444.4
-5°	23857.4	23547.5	23559.7	23565.8	23407.8	23073.7	22654.5	22113.8	20929.1	19489.3	18359.3
-7.5°	23395.7	23128.3	23085.8	23049.4	23006.8	22697.0	22368.9	21694.6	20643.6	19331.3	18122.4
-10°	22715.2	22454.0	22478.3	22423.6	22290.0	22083.4	21834.3	21226.8	20364.1	18833.2	17642.4
-12.5°	21864.7	21749.3	21682.4	21591.3	21457.7	21275.4	21020.2	20449.2	19525.7	18219.6	17089.6
-15°	20856.2	20771.2	20710.4	20655.7	20461.3	20273.0	19938.9	19410.3	18833.2	17429.8	16275.5
-17.5°	19847.7	19635.1	19550.0	19477.1	19349.6	19045.8	18742.0	18347.2	17539.1	16427.4	15437.1
-20°	18553.7	18426.1	18322.8	18225.6	18043.4	17806.5	17557.4	17101.7	16403.1	15503.9	14477.2



REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	17198.9	17126.0	17041.0	16919.5	16798.0	16573.2	16226.9	15789.5	15242.7	14270.7	13310.8
-25°	15801.6	15661.9	15558.6	15443.2	15346.0	15139.4	14805.3	14386.1	13699.6	12861.2	12059.3
-27.5°	14155.3	14021.6	13966.9	13833.3	13748.2	13559.9	13225.7	12836.9	12217.3	11512.5	10698.5
-30°	12296.2	12320.5	12259.8	12132.2	12028.9	11785.9	11530.8	11202.7	10716.7	10042.3	9313.3
-32.5°	10577.0	10607.3	10534.4	10400.8	10267.1	10090.9	9854.0	9556.3	9191.8	8547.8	7916.0
-35°	8857.7	8845.5	8784.8	8705.8	8614.7	8468.9	8201.5	7976.8	7557.6	7108.0	6670.6
-37.5°	7314.6	7344.9	7326.7	7284.2	7180.9	7059.4	6840.7	6634.1	6324.3	5929.4	5589.2
-40°	6093.4	6129.9	6105.6	6063.1	5971.9	5899.0	5753.2	5571.0	5321.9	4981.7	4696.1
-42.5°	5157.9	5182.2	5151.8	5115.3	5036.4	4981.7	4866.2	4714.4	4507.8	4246.6	3991.4
-45°	4416.7	4422.8	4392.4	4368.1	4307.3	4240.5	4143.3	4021.8	3857.8	3675.5	3468.9
-47.5°	3833.5	3827.4	3797.0	3772.7	3724.1	3663.4	3584.4	3475.0	3347.4	3207.7	3043.7
-50°	3323.1	3353.5	3341.4	3317.1	3280.6	3238.1	3159.1	3043.7	2916.1	2812.8	2697.4
-52.5°	2970.8	2976.9	2970.8	2970.8	2964.7	2934.3	2843.2	2727.8	2588.0	2496.9	2399.7
-55°	2642.7	2673.1	2685.2	2697.4	2703.5	2703.5	2594.1	2472.6	2339.0	2247.8	2174.9
-57.5°	2375.4	2393.6	2405.8	2436.2	2460.5	2478.7	2381.5	2272.1	2168.9	2083.8	2017.0
-60°	2144.6	2168.9	2187.1	2217.5	2235.7	2247.8	2187.1	2114.2	2053.4	1998.7	1901.5
-62.5°	1938.0	1956.2	1974.4	1992.7	2010.9	2023.0	1998.7	1962.3	1931.9	1907.6	1786.1
-65°	1731.4	1749.7	1767.9	1792.2	1810.4	1822.6	1816.5	1792.2	1767.9	1743.6	1634.2
-67.5°	1543.1	1561.3	1585.6	1591.7	1603.9	1609.9	1597.8	1579.6	1549.2	1518.8	1433.8
-70°	1342.6	1354.8	1366.9	1366.9	1366.9	1360.8	1348.7	1324.4	1294.0	1251.5	1184.7
-72.5°	1160.4	1172.5	1184.7	1166.4	1154.3	1136.1	1117.8	1087.5	1057.1	1026.7	990.3
-75°	990.3	996.3	996.3	972.0	953.8	935.6	911.3	893.1	862.7	838.4	808.0
-77.5°	789.8	789.8	789.8	771.6	759.4	747.3	729.0	710.8	686.5	668.3	644.0
-80°	613.6	613.6	613.6	607.5	589.3	577.1	565.0	552.8	534.6	522.5	510.3
-82.5°	467.8	467.8	467.8	461.7	449.6	443.5	431.3	419.2	413.1	401.0	394.9
-85°	340.2	346.3	346.3	340.2	334.1	322.0	315.9	309.8	303.8	297.7	285.5
-87.5°	230.9	230.9	230.9	224.8	218.7	218.7	212.6	200.5	188.3	182.3	176.2
-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: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	18.2	18.2	18.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	18.2
82.5°	30.4	30.4	36.5	36.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
80°	30.4	36.5	42.5	48.6	54.7	60.8	60.8	60.8	60.8	54.7	54.7
77.5°	36.5	36.5	42.5	48.6	54.7	60.8	66.8	72.9	66.8	66.8	66.8
75°	36.5	42.5	42.5	48.6	54.7	60.8	66.8	72.9	72.9	72.9	72.9
72.5°	30.4	36.5	42.5	48.6	48.6	54.7	60.8	60.8	66.8	66.8	72.9
70°	30.4	36.5	42.5	42.5	48.6	48.6	54.7	60.8	60.8	66.8	66.8
67.5°	36.5	42.5	42.5	48.6	54.7	54.7	54.7	60.8	60.8	66.8	66.8
65°	42.5	48.6	48.6	54.7	60.8	60.8	66.8	66.8	66.8	72.9	72.9
62.5°	72.9	72.9	72.9	66.8	72.9	72.9	72.9	79.0	79.0	72.9	79.0
60°	376.7	273.4	188.3	236.9	212.6	97.2	97.2	97.2	91.1	91.1	85.1
57.5°	887.0	826.2	710.8	601.4	540.7	479.9	297.7	121.5	121.5	109.4	97.2
55°	1482.4	1281.9	1196.8	1051.0	893.1	820.2	680.4	461.7	218.7	145.8	127.6
52.5°	2296.4	2108.1	1889.4	1591.7	1379.1	1209.0	1093.5	868.8	583.2	309.8	194.4
50°	3074.1	2989.0	2855.4	2563.7	2120.3	1834.7	1646.4	1391.2	1044.9	637.9	364.5
47.5°	4951.3	4240.5	3809.2	3584.4	3213.8	2673.1	2308.6	2023.0	1603.9	1075.3	644.0
45°	6233.2	5783.6	5097.1	4623.2	4076.5	3505.4	3031.5	2703.5	2205.3	1609.9	1008.5
42.5°	7332.8	6944.0	6324.3	5631.7	5054.6	4307.3	3699.8	3268.5	2849.3	2199.2	1506.7
40°	8748.3	8286.6	7691.2	7016.9	6342.5	5388.7	4404.5	3882.1	3420.3	2843.2	2035.2
37.5°	11081.2	10267.1	9295.1	8547.8	7666.9	6858.9	5510.2	4586.8	4040.0	3438.6	2654.9
35°	13887.9	12994.9	11372.8	10382.5	9204.0	8001.1	6786.0	5419.1	4641.5	4003.6	3225.9
32.5°	16500.3	15194.1	13116.4	11956.0	11172.3	8954.9	7697.3	6512.6	5261.1	4477.4	3554.0
30°	17223.2	15783.4	14295.0	12940.2	11603.7	9811.5	8323.0	7399.6	6038.8	4763.0	3863.8
27.5°	16494.2	15503.9	14349.7	13092.1	11646.2	10109.2	8705.8	7824.9	6609.8	4957.4	4106.8
25°	15753.0	14720.2	13912.2	12861.2	11524.7	10090.9	8717.9	8092.2	7053.3	5334.0	4240.5
22.5°	14969.3	14325.4	13657.1	12484.6	11220.9	10145.6	9112.8	8323.0	7284.2	5759.3	4295.2
20°	15011.9	14592.7	13857.6	12290.2	11166.2	10467.6	9586.7	8614.7	7533.3	6129.9	4337.7
17.5°	15692.3	15145.5	14222.1	12861.2	11658.3	10795.7	9981.6	9015.6	7788.4	6458.0	4854.1
15°	16530.7	15698.4	14732.4	13535.6	12174.7	11154.1	10285.3	9295.1	8080.0	6761.7	5315.8
12.5°	17138.2	15953.5	15048.3	13966.9	12733.7	11542.9	10485.8	9507.7	8353.4	7010.8	5662.1
10°	17344.7	16269.4	15200.2	14234.2	13019.2	11749.5	10637.7	9641.4	8590.4	7205.2	5917.3
7.5°	17454.1	16542.8	15303.5	14355.7	13189.3	11877.0	10759.2	9714.3	8778.7	7338.9	6081.3
5°	17441.9	16688.6	15382.4	14392.2	13280.4	11931.7	10844.3	9732.5	8912.3	7454.3	6178.5
2.5°	17387.3	16785.8	15510.0	14452.9	13462.7	12035.0	11008.3	9768.9	8960.9	7581.9	6245.3
0°	17587.7	16791.9	15643.7	14471.2	13584.2	12071.5	11081.2	9738.6	8894.1	7618.3	6239.2
-2.5°	17156.4	16433.5	15613.3	14313.2	13420.2	11986.4	10947.5	9641.4	8748.3	7575.8	6214.9
-5°	17083.5	16172.2	15358.1	14167.4	13146.8	11810.2	10698.5	9459.1	8517.5	7436.1	6117.7
-7.5°	16889.1	15923.1	15109.1	14052.0	12891.6	11628.0	10461.5	9270.8	8268.4	7217.4	5978.0
-10°	16463.8	15540.4	14841.8	13802.9	12581.8	11366.7	10176.0	9021.7	7976.8	6919.7	5759.3
-12.5°	15856.3	14932.9	14240.3	13274.3	12193.0	11014.4	9835.8	8699.7	7642.6	6603.8	5498.1
-15°	15169.8	14234.2	13541.7	12660.7	11615.8	10467.6	9404.4	8292.7	7259.9	6269.6	5188.2
-17.5°	14392.2	13505.2	12836.9	11980.3	10941.5	9847.9	8790.8	7782.4	6816.4	5923.3	4829.8
-20°	13493.1	12630.4	12016.8	11160.2	10206.4	9143.2	8116.5	7162.7	6293.9	5455.5	4434.9



REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-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°	12381.3	11621.9	10923.2	10157.8	9325.5	8353.4	7399.6	6555.2	5722.9	4902.7	4027.9
-25°	11245.2	10510.1	9829.7	9131.0	8335.2	7496.8	6682.7	5917.3	5103.2	4362.0	3633.0
-27.5°	9981.6	9325.5	8717.9	8074.0	7344.9	6622.0	5953.7	5206.5	4501.7	3869.9	3244.2
-30°	8632.9	8098.3	7569.7	6998.6	6409.4	5801.8	5206.5	4501.7	3948.9	3444.6	2916.1
-32.5°	7338.9	6858.9	6433.7	6008.4	5498.1	4999.9	4471.4	3948.9	3487.2	3043.7	2600.2
-35°	6202.8	5692.5	5455.5	5115.3	4708.3	4258.7	3827.4	3462.9	3092.3	2691.3	2296.4
-37.5°	5218.6	4890.5	4611.1	4355.9	4033.9	3645.1	3335.3	3037.6	2727.8	2363.3	2023.0
-40°	4447.1	4210.1	3930.7	3742.3	3481.1	3201.6	2891.8	2642.7	2381.5	2083.8	1804.3
-42.5°	3827.4	3633.0	3450.7	3250.2	3055.8	2818.9	2551.6	2314.7	2077.7	1859.0	1628.2
-45°	3317.1	3177.3	3031.5	2867.5	2697.4	2490.8	2272.1	2029.1	1859.0	1664.6	1470.2
-47.5°	2897.9	2794.6	2673.1	2545.5	2399.7	2217.5	2017.0	1840.8	1664.6	1500.6	1312.2
-50°	2563.7	2466.5	2369.3	2260.0	2132.4	1974.4	1822.6	1658.5	1494.5	1336.5	1160.4
-52.5°	2284.3	2199.2	2120.3	2029.1	1907.6	1774.0	1634.2	1488.4	1336.5	1178.6	1038.9
-55°	2089.9	1992.7	1913.7	1822.6	1713.2	1585.6	1458.1	1324.4	1178.6	1057.1	941.7
-57.5°	1931.9	1822.6	1731.4	1634.2	1524.9	1415.5	1300.1	1178.6	1069.2	953.8	844.5
-60°	1798.3	1670.7	1567.4	1470.2	1366.9	1263.6	1166.4	1063.2	959.9	856.6	747.3
-62.5°	1658.5	1524.9	1397.3	1306.2	1227.2	1136.1	1051.0	953.8	862.7	759.4	680.4
-65°	1500.6	1373.0	1251.5	1172.5	1099.6	1020.6	941.7	856.6	777.6	698.6	625.7
-67.5°	1324.4	1215.0	1130.0	1057.1	984.2	917.4	844.5	771.6	704.7	625.7	552.8
-70°	1111.8	1051.0	1002.4	947.7	880.9	820.2	753.3	686.5	613.6	546.8	479.9
-72.5°	947.7	911.3	874.8	820.2	759.4	704.7	650.0	589.3	528.5	467.8	413.1
-75°	777.6	747.3	716.9	680.4	631.8	589.3	540.7	486.0	437.4	394.9	352.4
-77.5°	625.7	601.4	583.2	552.8	516.4	479.9	449.6	413.1	376.7	334.1	291.6
-80°	498.2	486.0	479.9	467.8	437.4	407.0	382.7	352.4	315.9	285.5	255.2
-82.5°	388.8	388.8	382.7	376.7	352.4	328.1	309.8	285.5	261.2	236.9	206.6
-85°	285.5	279.5	279.5	273.4	255.2	243.0	224.8	212.6	194.4	170.1	158.0
-87.5°	170.1	164.0	158.0	151.9	139.7	133.7	121.5	115.4	103.3	91.1	85.1
-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: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	0.0	0.0
85°	18.2	12.2	12.2	12.2	12.2	12.2	6.1	6.1	6.1	6.1	6.1
82.5°	36.5	36.5	30.4	30.4	24.3	18.2	12.2	12.2	12.2	6.1	6.1
80°	54.7	54.7	54.7	48.6	42.5	30.4	24.3	18.2	12.2	6.1	6.1
77.5°	66.8	60.8	60.8	54.7	54.7	48.6	36.5	30.4	18.2	12.2	6.1
75°	66.8	66.8	66.8	60.8	60.8	54.7	48.6	36.5	30.4	18.2	12.2
72.5°	72.9	66.8	66.8	66.8	60.8	54.7	48.6	42.5	36.5	24.3	12.2
70°	66.8	66.8	66.8	66.8	60.8	60.8	48.6	42.5	42.5	24.3	18.2
67.5°	66.8	66.8	66.8	60.8	60.8	54.7	48.6	42.5	42.5	30.4	18.2
65°	72.9	66.8	66.8	66.8	60.8	54.7	48.6	42.5	42.5	36.5	24.3
62.5°	79.0	72.9	72.9	66.8	60.8	54.7	48.6	42.5	42.5	36.5	24.3
60°	85.1	79.0	72.9	72.9	66.8	60.8	48.6	48.6	42.5	36.5	24.3
57.5°	91.1	85.1	85.1	79.0	72.9	66.8	54.7	48.6	42.5	36.5	30.4
55°	109.4	97.2	91.1	91.1	85.1	72.9	60.8	48.6	42.5	36.5	30.4
52.5°	145.8	115.4	103.3	103.3	97.2	85.1	66.8	54.7	42.5	36.5	30.4
50°	230.9	145.8	121.5	109.4	109.4	97.2	79.0	60.8	42.5	36.5	30.4
47.5°	364.5	243.0	145.8	127.6	121.5	115.4	91.1	60.8	48.6	36.5	30.4
45°	601.4	358.4	236.9	151.9	127.6	121.5	103.3	66.8	48.6	42.5	30.4
42.5°	826.2	558.9	364.5	182.3	151.9	133.7	109.4	72.9	54.7	42.5	30.4
40°	1300.1	765.5	510.3	297.7	176.2	139.7	121.5	85.1	54.7	42.5	30.4
37.5°	1761.8	1014.6	686.5	437.4	200.5	158.0	127.6	91.1	60.8	42.5	36.5
35°	2223.5	1421.6	850.5	583.2	267.3	188.3	133.7	97.2	60.8	42.5	36.5
32.5°	2636.6	1804.3	1020.6	729.0	401.0	224.8	145.8	103.3	66.8	48.6	36.5
30°	2976.9	2156.7	1324.4	856.6	522.5	273.4	158.0	103.3	72.9	48.6	36.5
27.5°	3232.0	2430.1	1634.2	990.3	625.7	322.0	182.3	115.4	72.9	48.6	36.5
25°	3438.6	2642.7	1907.6	1130.0	716.9	401.0	218.7	121.5	79.0	54.7	36.5
22.5°	3602.6	2818.9	2132.4	1318.3	826.2	479.9	267.3	133.7	79.0	54.7	36.5
20°	3827.4	2995.1	2284.3	1518.8	941.7	552.8	309.8	145.8	79.0	54.7	42.5
17.5°	4021.8	3171.3	2405.8	1688.9	1057.1	607.5	358.4	158.0	85.1	54.7	42.5
15°	4246.6	3341.4	2515.1	1822.6	1166.4	656.1	401.0	170.1	85.1	60.8	42.5
12.5°	4489.6	3499.3	2594.1	1931.9	1281.9	698.6	437.4	194.4	91.1	60.8	42.5
10°	4738.7	3633.0	2660.9	2010.9	1366.9	741.2	461.7	218.7	97.2	60.8	42.5
7.5°	4987.8	3754.5	2746.0	2047.3	1403.4	789.8	473.9	243.0	97.2	66.8	42.5
5°	5157.9	3833.5	2867.5	2071.6	1421.6	844.5	492.1	273.4	103.3	66.8	42.5
2.5°	5303.7	3882.1	2995.1	2089.9	1427.7	874.8	486.0	291.6	109.4	66.8	42.5
0°	5370.5	3882.1	3080.1	2077.7	1409.4	905.2	486.0	309.8	109.4	66.8	42.5
-2.5°	5267.2	3991.4	3055.8	2083.8	1415.5	905.2	510.3	315.9	121.5	72.9	42.5
-5°	5103.2	4033.9	2982.9	2053.4	1403.4	905.2	540.7	322.0	127.6	72.9	48.6
-7.5°	4945.2	4052.2	2897.9	2023.0	1385.1	880.9	546.8	315.9	139.7	79.0	48.6
-10°	4738.7	3851.7	2788.5	1968.4	1348.7	862.7	558.9	315.9	145.8	79.0	48.6
-12.5°	4501.7	3608.7	2654.9	1889.4	1306.2	844.5	565.0	315.9	151.9	85.1	48.6
-15°	4228.3	3359.6	2503.0	1804.3	1245.4	820.2	552.8	309.8	158.0	85.1	54.7
-17.5°	3918.5	3116.6	2345.0	1701.1	1178.6	789.8	528.5	303.8	158.0	85.1	54.7
-20°	3566.2	2873.6	2168.9	1597.8	1099.6	753.3	504.2	291.6	158.0	85.1	54.7

REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3250.2	2648.8	1986.6	1482.4	1014.6	710.8	473.9	279.5	158.0	91.1	54.7
-25°	2989.0	2430.1	1846.9	1366.9	923.4	662.2	443.5	267.3	158.0	91.1	54.7
-27.5°	2715.6	2193.2	1701.1	1257.6	862.7	619.7	413.1	255.2	151.9	91.1	54.7
-30°	2436.2	1962.3	1549.2	1136.1	801.9	577.1	388.8	236.9	151.9	91.1	54.7
-32.5°	2181.0	1774.0	1409.4	1014.6	735.1	534.6	364.5	230.9	145.8	91.1	54.7
-35°	1931.9	1603.9	1263.6	917.4	662.2	492.1	340.2	224.8	145.8	91.1	54.7
-37.5°	1725.4	1445.9	1130.0	850.5	619.7	455.6	315.9	212.6	139.7	91.1	54.7
-40°	1555.3	1300.1	1002.4	777.6	583.2	419.2	291.6	206.6	139.7	91.1	54.7
-42.5°	1397.3	1160.4	923.4	716.9	546.8	394.9	273.4	200.5	133.7	91.1	54.7
-45°	1257.6	1038.9	844.5	662.2	504.2	364.5	261.2	188.3	127.6	91.1	60.8
-47.5°	1117.8	953.8	771.6	613.6	461.7	328.1	249.1	182.3	121.5	85.1	60.8
-50°	1008.5	862.7	710.8	558.9	419.2	315.9	236.9	170.1	121.5	85.1	60.8
-52.5°	911.3	777.6	644.0	504.2	382.7	297.7	224.8	158.0	115.4	85.1	60.8
-55°	820.2	698.6	577.1	449.6	358.4	279.5	206.6	145.8	115.4	85.1	60.8
-57.5°	729.0	625.7	510.3	407.0	328.1	261.2	194.4	145.8	115.4	85.1	60.8
-60°	656.1	558.9	461.7	376.7	303.8	236.9	176.2	139.7	109.4	85.1	60.8
-62.5°	595.4	504.2	419.2	340.2	279.5	212.6	170.1	139.7	109.4	85.1	54.7
-65°	534.6	455.6	376.7	309.8	249.1	200.5	164.0	133.7	109.4	85.1	54.7
-67.5°	473.9	401.0	340.2	273.4	230.9	194.4	158.0	133.7	103.3	79.0	54.7
-70°	413.1	352.4	297.7	255.2	218.7	182.3	151.9	127.6	103.3	72.9	48.6
-72.5°	364.5	309.8	267.3	236.9	206.6	176.2	145.8	121.5	97.2	66.8	42.5
-75°	309.8	273.4	243.0	212.6	188.3	164.0	139.7	109.4	85.1	60.8	42.5
-77.5°	261.2	236.9	212.6	194.4	170.1	145.8	121.5	97.2	79.0	54.7	36.5
-80°	224.8	206.6	188.3	170.1	151.9	127.6	109.4	85.1	66.8	48.6	30.4
-82.5°	182.3	170.1	151.9	139.7	127.6	109.4	91.1	72.9	48.6	36.5	24.3
-85°	139.7	127.6	121.5	109.4	97.2	79.0	60.8	48.6	36.5	24.3	12.2
-87.5°	72.9	66.8	60.8	54.7	48.6	36.5	30.4	24.3	18.2	12.2	6.1
-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: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-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°	6.1	0.0	0.0	0.0
77.5°	6.1	0.0	0.0	0.0
75°	6.1	6.1	0.0	0.0
72.5°	6.1	6.1	0.0	0.0
70°	6.1	6.1	0.0	0.0
67.5°	12.2	6.1	0.0	0.0
65°	12.2	6.1	0.0	0.0
62.5°	12.2	6.1	0.0	0.0
60°	12.2	6.1	0.0	0.0
57.5°	18.2	6.1	6.1	0.0
55°	18.2	6.1	6.1	0.0
52.5°	18.2	6.1	6.1	0.0
50°	18.2	12.2	6.1	0.0
47.5°	18.2	12.2	6.1	0.0
45°	18.2	12.2	6.1	0.0
42.5°	18.2	12.2	6.1	0.0
40°	24.3	12.2	6.1	0.0
37.5°	24.3	12.2	6.1	0.0
35°	24.3	12.2	6.1	0.0
32.5°	24.3	12.2	6.1	0.0
30°	24.3	12.2	6.1	0.0
27.5°	24.3	18.2	6.1	0.0
25°	24.3	18.2	6.1	0.0
22.5°	30.4	18.2	6.1	0.0
20°	30.4	18.2	6.1	0.0
17.5°	30.4	18.2	6.1	0.0
15°	30.4	18.2	6.1	0.0
12.5°	30.4	18.2	6.1	0.0
10°	30.4	18.2	6.1	0.0
7.5°	30.4	18.2	6.1	0.0
5°	30.4	18.2	6.1	0.0
2.5°	30.4	18.2	6.1	0.0
0°	30.4	18.2	6.1	0.0
-2.5°	30.4	18.2	6.1	0.0
-5°	30.4	18.2	6.1	0.0
-7.5°	30.4	18.2	6.1	0.0
-10°	30.4	18.2	6.1	0.0
-12.5°	36.5	18.2	6.1	0.0
-15°	36.5	18.2	6.1	0.0
-17.5°	36.5	18.2	6.1	0.0
-20°	36.5	18.2	6.1	0.0

REPORT NUMBER: P722392

CATALOG NUMBER: IFLD-L-SA8C-722-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	36.5	18.2	6.1	0.0
-25°	36.5	18.2	6.1	0.0
-27.5°	36.5	18.2	6.1	0.0
-30°	36.5	18.2	6.1	0.0
-32.5°	36.5	18.2	6.1	0.0
-35°	36.5	18.2	6.1	0.0
-37.5°	36.5	18.2	6.1	0.0
-40°	36.5	18.2	6.1	0.0
-42.5°	30.4	18.2	6.1	0.0
-45°	36.5	18.2	6.1	0.0
-47.5°	36.5	18.2	6.1	0.0
-50°	36.5	18.2	6.1	0.0
-52.5°	36.5	18.2	6.1	0.0
-55°	36.5	18.2	6.1	0.0
-57.5°	36.5	18.2	6.1	0.0
-60°	36.5	18.2	6.1	0.0
-62.5°	30.4	18.2	6.1	0.0
-65°	30.4	12.2	6.1	0.0
-67.5°	30.4	12.2	6.1	0.0
-70°	30.4	12.2	6.1	0.0
-72.5°	24.3	12.2	6.1	0.0
-75°	24.3	12.2	6.1	0.0
-77.5°	18.2	6.1	0.0	0.0
-80°	18.2	6.1	0.0	0.0
-82.5°	12.2	6.1	0.0	0.0
-85°	6.1	6.1	0.0	0.0
-87.5°	6.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)