

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: P722739

Luminaire Tested: **IFLD-L-SA8B-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722739
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

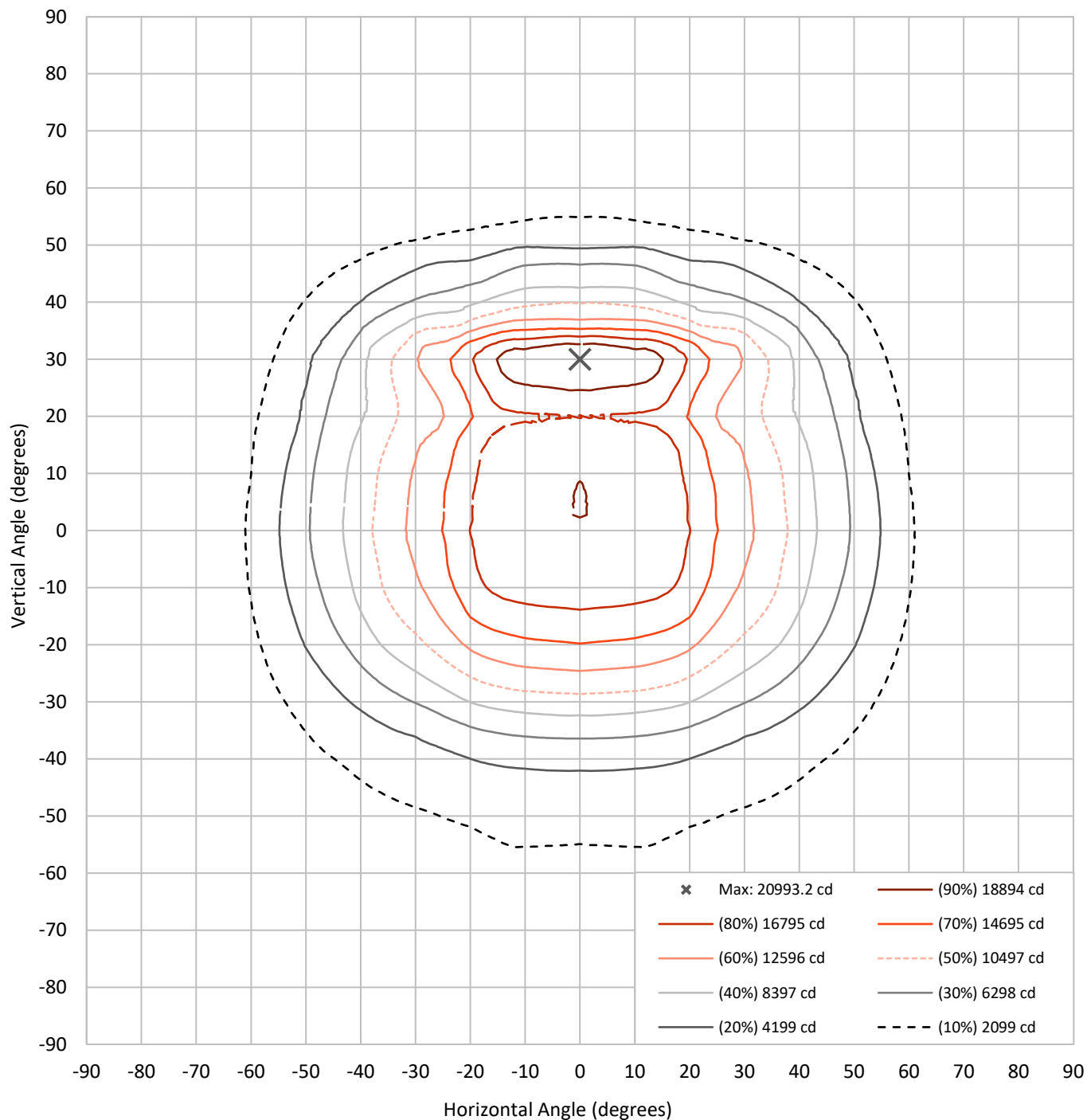
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30071.5 lumens	Max Intensity:	20993.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	94.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	19184.3 lumens	Field Lumens:	28350.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	320		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	28.75 FT		



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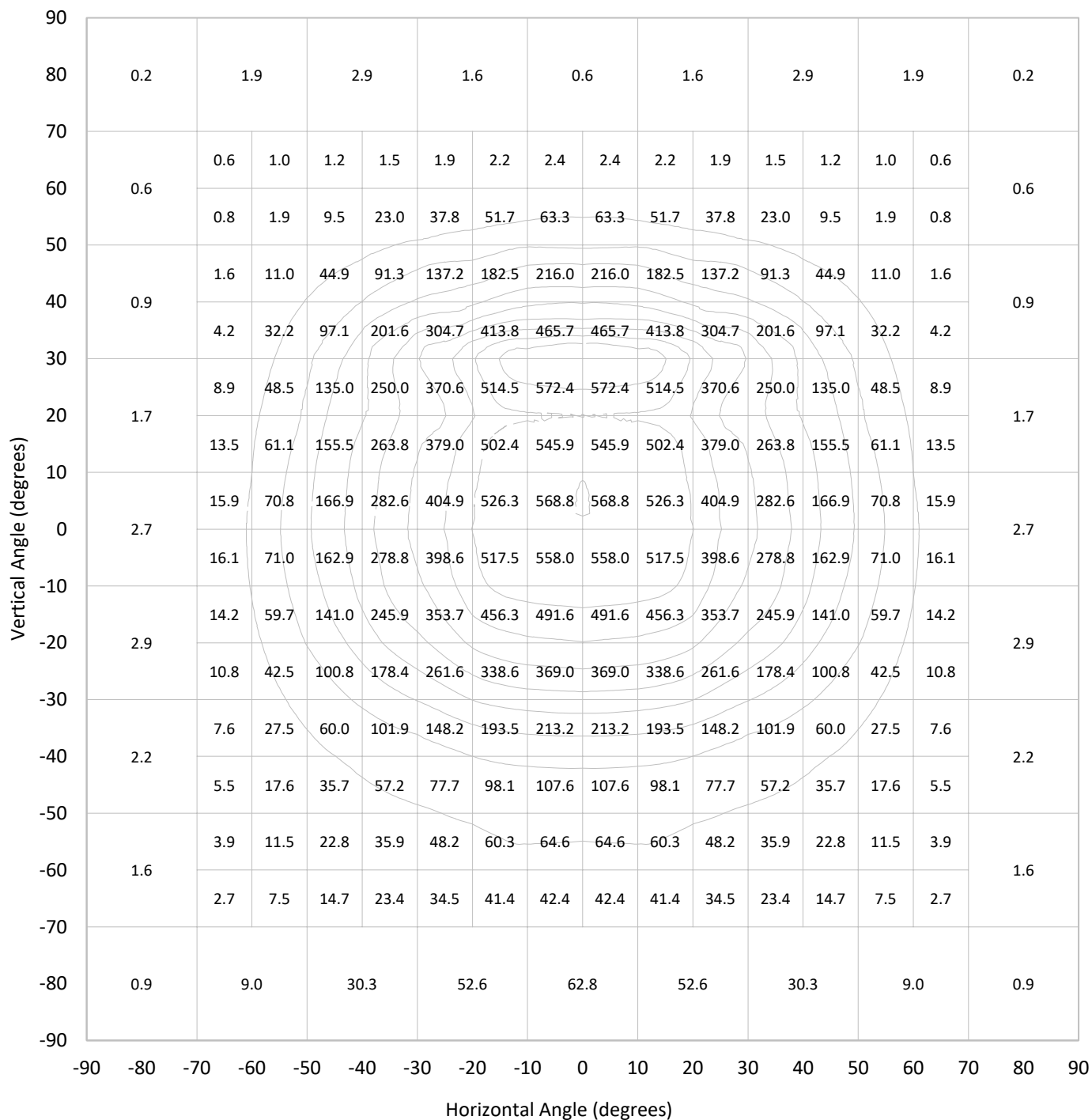
Iso-Candela Plot



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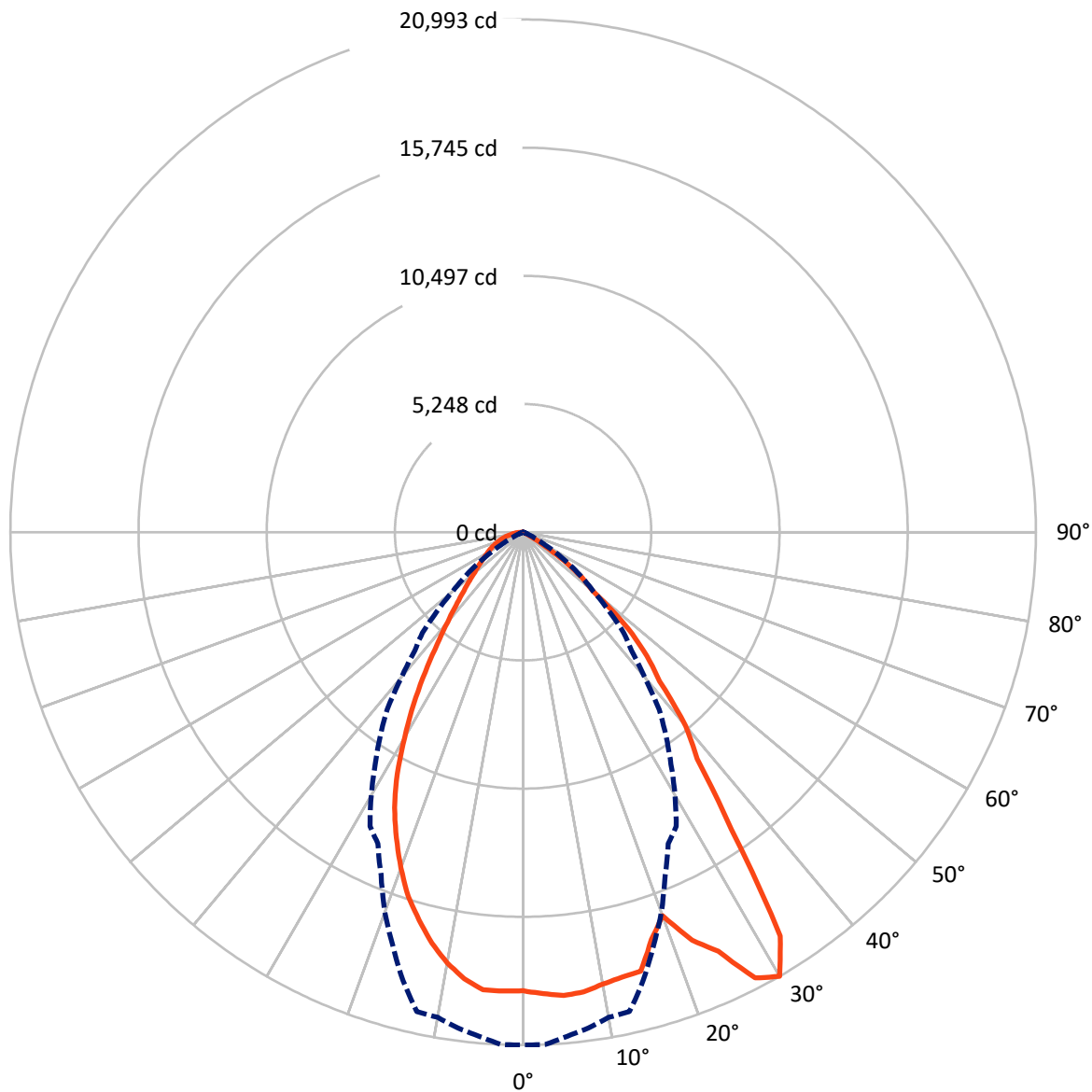
Lumen Table



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Luminous Intensity Polar Plot



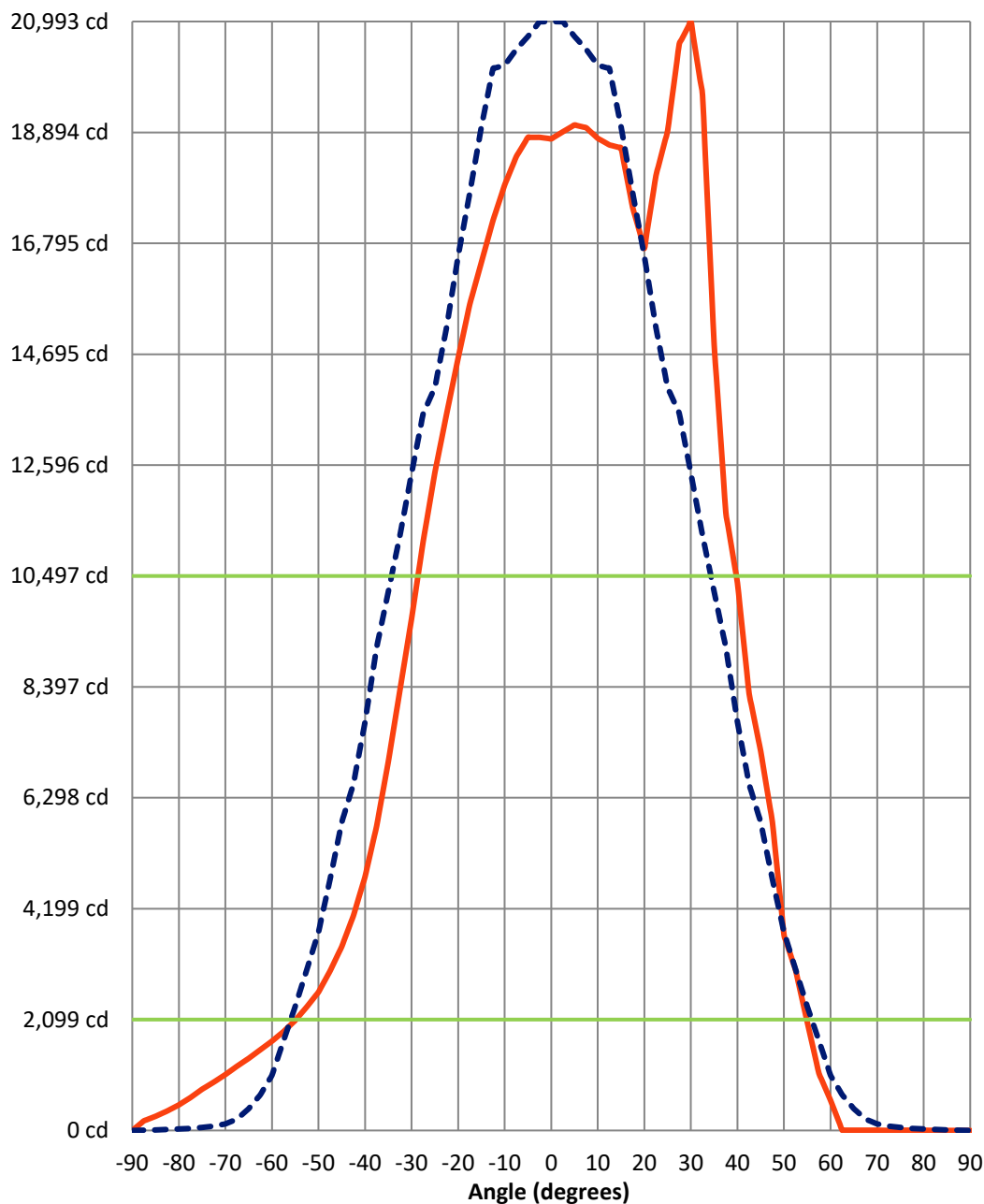
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 19184.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 28350.6

Efficiency: 94.3%

Spill:

Lumens: 1720.8

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - - Horizontal Distribution through 30-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	0.0	4.8	4.8	4.8	9.6	9.6	9.6	9.6	9.6	9.6	14.4
82.5°	0.0	4.8	4.8	4.8	9.6	9.6	9.6	9.6	14.4	14.4	19.2
80°	4.8	4.8	4.8	4.8	9.6	9.6	9.6	14.4	14.4	19.2	19.2
77.5°	4.8	4.8	4.8	9.6	9.6	9.6	14.4	14.4	19.2	19.2	23.9
75°	4.8	4.8	4.8	9.6	9.6	14.4	14.4	14.4	19.2	19.2	23.9
72.5°	0.0	4.8	4.8	9.6	9.6	14.4	14.4	14.4	19.2	19.2	19.2
70°	4.8	4.8	4.8	9.6	9.6	14.4	14.4	14.4	19.2	19.2	19.2
67.5°	4.8	4.8	4.8	9.6	9.6	14.4	14.4	19.2	19.2	19.2	23.9
65°	4.8	4.8	4.8	9.6	14.4	14.4	19.2	23.9	23.9	28.7	33.5
62.5°	4.8	9.6	9.6	14.4	19.2	23.9	52.7	81.4	81.4	57.5	47.9
60°	569.7	617.6	612.8	555.4	483.5	406.9	392.6	378.2	349.5	306.4	320.8
57.5°	1082.0	1139.4	1163.4	1149.0	1110.7	1043.7	1005.4	962.3	904.8	837.8	761.2
55°	2049.1	2073.0	2020.3	1919.8	1809.7	1699.6	1661.3	1603.8	1517.6	1431.5	1316.6
52.5°	3030.5	3111.9	3087.9	2987.4	2839.0	2642.7	2427.3	2259.7	2159.2	2063.4	1948.5
50°	3700.7	3734.3	3801.3	3921.0	3964.1	3830.0	3480.5	3030.5	2709.7	2872.5	2748.0
47.5°	5840.8	6008.3	5974.8	5888.6	5745.0	5381.2	4892.8	4490.7	4155.6	4045.4	4064.6
45°	7176.5	7243.5	7219.6	7181.3	7114.2	6774.3	6233.3	5615.7	5304.6	5180.1	5050.8
42.5°	8272.8	8344.6	8359.0	8363.8	8292.0	7980.8	7492.4	6874.9	6563.7	6204.6	5922.1
40°	10364.9	10470.3	10350.6	10192.6	9953.2	9598.9	9120.2	8550.5	7999.9	7559.5	7224.3
37.5°	11700.7	11829.9	11877.8	11868.2	11815.6	11662.4	11073.5	10532.5	9689.9	8703.7	8880.8
35°	14870.0	15004.0	14965.7	14822.1	14745.5	14582.7	14008.2	13366.7	12308.7	11236.3	10949.0
32.5°	19595.2	19887.3	19341.5	18743.1	18374.4	18503.7	17919.6	16349.3	15861.0	13926.8	13031.6
30°	20993.2	20988.4	20710.7	20466.6	20165.0	20102.7	19001.6	17747.3	16550.4	15195.5	14065.7
27.5°	20567.1	20480.9	20246.3	20069.2	19786.7	19638.3	18561.1	17565.3	16181.8	14970.5	13879.0
25°	18925.0	18992.0	18752.6	18719.1	18609.0	18321.8	17785.6	16665.3	15430.1	14089.6	13304.5
22.5°	18077.6	18053.7	17766.4	17598.9	17732.9	17426.5	17211.1	16081.2	14793.4	13663.5	12720.4
20°	16698.8	16703.6	16631.8	16617.4	16536.0	16397.2	16224.8	15425.3	14515.7	13548.6	12414.0
17.5°	17469.6	17665.9	17752.1	17038.7	17239.8	17081.8	16899.9	15784.4	15099.8	14242.8	12763.5
15°	18599.4	18527.6	18441.5	18403.2	18293.0	18144.6	17814.3	16923.8	15746.1	14860.4	13706.6
12.5°	18656.9	18518.1	18484.5	18479.8	18364.9	18159.0	17838.2	17101.0	16057.3	14980.1	14041.7
10°	18781.4	18637.7	18618.6	18642.5	18465.4	18336.1	18015.4	17330.8	16153.0	15186.0	14300.3
7.5°	18982.4	18743.1	18853.2	18781.4	18700.0	18494.1	18149.4	17479.2	16502.5	15458.8	14530.1
5°	19035.1	18771.8	18891.5	18824.5	18704.8	18503.7	18130.3	17574.9	16718.0	15569.0	14621.0
2.5°	18905.8	18829.2	18776.6	18652.1	18599.4	18379.2	18024.9	17431.3	16617.4	15521.1	14601.9
0°	18771.8	18838.8	18719.1	18594.7	18570.7	18393.6	18092.0	17555.8	16852.0	15655.1	14764.7
-2.5°	18800.5	18747.9	18666.5	18537.2	18412.7	18159.0	17886.1	17383.4	16627.0	15363.1	14534.9
-5°	18800.5	18556.4	18565.9	18570.7	18446.2	18182.9	17852.6	17426.5	16492.9	15358.3	14467.8
-7.5°	18436.7	18226.0	18192.5	18163.8	18130.3	17886.1	17627.6	17096.2	16267.9	15233.8	14281.1
-10°	17900.5	17694.6	17713.8	17670.7	17565.3	17402.6	17206.3	16727.5	16047.7	14841.3	13902.9
-12.5°	17230.2	17139.3	17086.6	17014.8	16909.5	16765.8	16564.8	16114.7	15387.0	14357.7	13467.2
-15°	16435.5	16368.5	16320.6	16277.5	16124.3	15975.9	15712.6	15296.1	14841.3	13735.3	12825.7
-17.5°	15640.8	15473.2	15406.2	15348.7	15248.2	15008.8	14769.4	14458.3	13821.5	12945.4	12165.0
-20°	14621.0	14520.5	14439.1	14362.5	14218.9	14032.2	13835.9	13476.8	12926.3	12217.7	11408.6

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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°	13553.4	13496.0	13428.9	13333.2	13237.4	13060.3	12787.4	12442.7	12011.8	11245.8	10489.4
-25°	12452.3	12342.2	12260.8	12169.8	12093.2	11930.5	11667.1	11336.8	10795.8	10135.1	9503.2
-27.5°	11154.9	11049.6	11006.5	10901.1	10834.1	10685.7	10422.4	10116.0	9627.7	9072.3	8430.8
-30°	9689.9	9709.1	9661.2	9560.6	9479.3	9287.8	9086.7	8828.2	8445.2	7913.7	7339.2
-32.5°	8335.0	8359.0	8301.5	8196.2	8090.9	7952.0	7765.3	7530.7	7243.5	6736.0	6238.1
-35°	6980.2	6970.6	6922.7	6860.5	6788.7	6673.8	6463.1	6286.0	5955.7	5601.4	5256.7
-37.5°	5764.2	5788.1	5773.7	5740.2	5658.8	5563.1	5390.7	5228.0	4983.8	4672.6	4404.5
-40°	4801.9	4830.6	4811.4	4777.9	4706.1	4648.7	4533.8	4390.1	4193.9	3925.8	3700.7
-42.5°	4064.6	4083.7	4059.8	4031.1	3968.8	3925.8	3834.8	3715.1	3552.3	3346.5	3145.4
-45°	3480.5	3485.3	3461.4	3442.2	3394.3	3341.7	3265.1	3169.3	3040.1	2896.4	2733.7
-47.5°	3020.9	3016.1	2992.2	2973.0	2934.7	2886.9	2824.6	2738.5	2637.9	2527.8	2398.5
-50°	2618.8	2642.7	2633.1	2614.0	2585.3	2551.7	2489.5	2398.5	2298.0	2216.6	2125.7
-52.5°	2341.1	2345.9	2341.1	2341.1	2336.3	2312.4	2240.6	2149.6	2039.5	1967.7	1891.1
-55°	2082.6	2106.5	2116.1	2125.7	2130.4	2130.4	2044.3	1948.5	1843.2	1771.4	1713.9
-57.5°	1871.9	1886.3	1895.9	1919.8	1938.9	1953.3	1876.7	1790.5	1709.1	1642.1	1589.5
-60°	1690.0	1709.1	1723.5	1747.4	1761.8	1771.4	1723.5	1666.1	1618.2	1575.1	1498.5
-62.5°	1527.2	1541.6	1555.9	1570.3	1584.7	1594.2	1575.1	1546.4	1522.4	1503.3	1407.5
-65°	1364.4	1378.8	1393.2	1412.3	1426.7	1436.3	1431.5	1412.3	1393.2	1374.0	1287.8
-67.5°	1216.0	1230.4	1249.5	1254.3	1263.9	1268.7	1259.1	1244.8	1220.8	1196.9	1129.9
-70°	1058.0	1067.6	1077.2	1077.2	1077.2	1072.4	1062.8	1043.7	1019.7	986.2	933.6
-72.5°	914.4	924.0	933.6	919.2	909.6	895.3	880.9	857.0	833.0	809.1	780.4
-75°	780.4	785.2	785.2	766.0	751.6	737.3	718.1	703.8	679.8	660.7	636.7
-77.5°	622.4	622.4	622.4	608.0	598.4	588.9	574.5	560.1	541.0	526.6	507.5
-80°	483.5	483.5	483.5	478.8	464.4	454.8	445.2	435.7	421.3	411.7	402.2
-82.5°	368.6	368.6	368.6	363.9	354.3	349.5	339.9	330.3	325.6	316.0	311.2
-85°	268.1	272.9	272.9	268.1	263.3	253.7	249.0	244.2	239.4	234.6	225.0
-87.5°	181.9	181.9	181.9	177.1	172.4	172.4	167.6	158.0	148.4	143.6	138.8
-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	14.4	14.4	14.4	19.2	19.2	19.2	19.2	19.2	19.2	19.2	14.4
82.5°	23.9	23.9	28.7	28.7	33.5	33.5	33.5	33.5	33.5	33.5	33.5
80°	23.9	28.7	33.5	38.3	43.1	47.9	47.9	47.9	47.9	43.1	43.1
77.5°	28.7	28.7	33.5	38.3	43.1	47.9	52.7	57.5	52.7	52.7	52.7
75°	28.7	33.5	33.5	38.3	43.1	47.9	52.7	57.5	57.5	57.5	57.5
72.5°	23.9	28.7	33.5	38.3	38.3	43.1	47.9	47.9	52.7	52.7	57.5
70°	23.9	28.7	33.5	33.5	38.3	38.3	43.1	47.9	47.9	52.7	52.7
67.5°	28.7	33.5	33.5	38.3	43.1	43.1	43.1	47.9	47.9	52.7	52.7
65°	33.5	38.3	38.3	43.1	47.9	47.9	52.7	52.7	52.7	57.5	57.5
62.5°	57.5	57.5	57.5	52.7	57.5	57.5	57.5	62.2	62.2	57.5	62.2
60°	296.8	215.4	148.4	186.7	167.6	76.6	76.6	76.6	71.8	71.8	67.0
57.5°	699.0	651.1	560.1	474.0	426.1	378.2	234.6	95.8	95.8	86.2	76.6
55°	1168.2	1010.2	943.1	828.2	703.8	646.3	536.2	363.9	172.4	114.9	100.5
52.5°	1809.7	1661.3	1488.9	1254.3	1086.8	952.7	861.8	684.6	459.6	244.2	153.2
50°	2422.5	2355.5	2250.1	2020.3	1670.8	1445.8	1297.4	1096.3	823.5	502.7	287.3
47.5°	3901.8	3341.7	3001.8	2824.6	2532.6	2106.5	1819.3	1594.2	1263.9	847.4	507.5
45°	4912.0	4557.7	4016.7	3643.3	3212.4	2762.4	2389.0	2130.4	1737.9	1268.7	794.7
42.5°	5778.5	5472.1	4983.8	4438.0	3983.2	3394.3	2915.6	2575.7	2245.3	1733.1	1187.3
40°	6894.0	6530.2	6061.0	5529.6	4998.2	4246.5	3470.9	3059.2	2695.4	2240.6	1603.8
37.5°	8732.4	8090.9	7324.9	6736.0	6041.8	5405.1	4342.3	3614.6	3183.7	2709.7	2092.1
35°	10944.2	10240.5	8962.2	8181.8	7253.1	6305.1	5347.6	4270.5	3657.7	3155.0	2542.2
32.5°	13002.9	11973.5	10336.2	9421.8	8804.2	7056.8	6065.8	5132.2	4146.0	3528.4	2800.7
30°	13572.6	12437.9	11265.0	10197.4	9144.1	7731.8	6558.9	5831.2	4758.8	3753.4	3044.9
27.5°	12998.1	12217.7	11308.1	10317.1	9177.6	7966.4	6860.5	6166.3	5208.8	3906.6	3236.4
25°	12414.0	11600.1	10963.4	10135.1	9081.9	7952.0	6870.1	6377.0	5558.3	4203.4	3341.7
22.5°	11796.4	11288.9	10762.3	9838.3	8842.5	7995.1	7181.3	6558.9	5740.2	4538.6	3384.8
20°	11829.9	11499.6	10920.3	9685.1	8799.4	8248.9	7554.7	6788.7	5936.5	4830.6	3418.3
17.5°	12366.1	11935.2	11207.5	10135.1	9187.2	8507.4	7865.9	7104.7	6137.6	5089.1	3825.2
15°	13026.8	12370.9	11609.7	10666.6	9594.2	8789.9	8105.2	7324.9	6367.4	5328.5	4189.1
12.5°	13505.5	12572.0	11858.6	11006.5	10034.6	9096.3	8263.2	7492.4	6582.8	5524.8	4462.0
10°	13668.3	12820.9	11978.3	11217.1	10259.6	9259.0	8382.9	7597.8	6769.5	5678.0	4663.0
7.5°	13754.5	13036.4	12059.7	11312.9	10393.7	9359.6	8478.7	7655.2	6917.9	5783.3	4792.3
5°	13744.9	13151.3	12122.0	11341.6	10465.5	9402.7	8545.7	7669.6	7023.3	5874.3	4868.9
2.5°	13701.8	13227.9	12222.5	11389.5	10609.1	9484.0	8675.0	7698.3	7061.6	5974.8	4921.6
0°	13859.8	13232.7	12327.8	11403.8	10704.9	9512.8	8732.4	7674.4	7008.9	6003.5	4916.8
-2.5°	13519.9	12950.2	12303.9	11279.4	10575.6	9445.7	8627.1	7597.8	6894.0	5970.0	4897.6
-5°	13462.5	12744.3	12102.8	11164.5	10360.2	9306.9	8430.8	7454.1	6712.1	5859.9	4821.0
-7.5°	13309.3	12548.0	11906.5	11073.5	10159.1	9163.3	8244.1	7305.7	6515.8	5687.6	4710.9
-10°	12974.1	12246.4	11695.9	10877.2	9914.9	8957.4	8019.1	7109.4	6286.0	5453.0	4538.6
-12.5°	12495.4	11767.7	11221.9	10460.7	9608.5	8679.7	7751.0	6855.7	6022.7	5204.0	4332.7
-15°	11954.4	11217.1	10671.3	9977.2	9153.7	8248.9	7411.1	6534.9	5721.1	4940.7	4088.5
-17.5°	11341.6	10642.6	10116.0	9441.0	8622.3	7760.5	6927.5	6132.8	5371.6	4667.8	3806.1
-20°	10633.0	9953.2	9469.7	8794.6	8043.0	7205.2	6396.1	5644.5	4959.9	4299.2	3494.9

REPORT NUMBER: P722739

CATALOG NUMBER: IFLD-L-SA8B-940-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°	9756.9	9158.5	8607.9	8004.7	7348.8	6582.8	5831.2	5165.7	4509.8	3863.5	3174.1
-25°	8861.7	8282.4	7746.2	7195.6	6568.5	5907.8	5266.3	4663.0	4021.5	3437.4	2862.9
-27.5°	7865.9	7348.8	6870.1	6362.6	5788.1	5218.4	4691.8	4102.9	3547.5	3049.6	2556.5
-30°	6803.0	6381.7	5965.2	5515.2	5050.8	4572.1	4102.9	3547.5	3111.9	2714.5	2298.0
-32.5°	5783.3	5405.1	5070.0	4734.8	4332.7	3940.1	3523.6	3111.9	2748.0	2398.5	2049.1
-35°	4888.0	4485.9	4299.2	4031.1	3710.3	3356.0	3016.1	2728.9	2436.8	2120.9	1809.7
-37.5°	4112.5	3853.9	3633.7	3432.6	3178.9	2872.5	2628.3	2393.8	2149.6	1862.3	1594.2
-40°	3504.5	3317.7	3097.5	2949.1	2743.2	2523.0	2278.9	2082.6	1876.7	1642.1	1421.9
-42.5°	3016.1	2862.9	2719.3	2561.3	2408.1	2221.4	2010.8	1824.0	1637.3	1465.0	1283.1
-45°	2614.0	2503.9	2389.0	2259.7	2125.7	1962.9	1790.5	1599.0	1465.0	1311.8	1158.6
-47.5°	2283.6	2202.3	2106.5	2006.0	1891.1	1747.4	1589.5	1450.6	1311.8	1182.5	1034.1
-50°	2020.3	1943.7	1867.1	1781.0	1680.4	1555.9	1436.3	1307.0	1177.7	1053.3	914.4
-52.5°	1800.1	1733.1	1670.8	1599.0	1503.3	1398.0	1287.8	1172.9	1053.3	928.8	818.7
-55°	1646.9	1570.3	1508.1	1436.3	1350.1	1249.5	1149.0	1043.7	928.8	833.0	742.1
-57.5°	1522.4	1436.3	1364.4	1287.8	1201.7	1115.5	1024.5	928.8	842.6	751.6	665.5
-60°	1417.1	1316.6	1235.2	1158.6	1077.2	995.8	919.2	837.8	756.4	675.0	588.9
-62.5°	1307.0	1201.7	1101.1	1029.3	967.1	895.3	828.2	751.6	679.8	598.4	536.2
-65°	1182.5	1082.0	986.2	924.0	866.5	804.3	742.1	675.0	612.8	550.6	493.1
-67.5°	1043.7	957.5	890.5	833.0	775.6	722.9	665.5	608.0	555.4	493.1	435.7
-70°	876.1	828.2	789.9	746.9	694.2	646.3	593.7	541.0	483.5	430.9	378.2
-72.5°	746.9	718.1	689.4	646.3	598.4	555.4	512.3	464.4	416.5	368.6	325.6
-75°	612.8	588.9	564.9	536.2	497.9	464.4	426.1	383.0	344.7	311.2	277.7
-77.5°	493.1	474.0	459.6	435.7	406.9	378.2	354.3	325.6	296.8	263.3	229.8
-80°	392.6	383.0	378.2	368.6	344.7	320.8	301.6	277.7	249.0	225.0	201.1
-82.5°	306.4	306.4	301.6	296.8	277.7	258.5	244.2	225.0	205.9	186.7	162.8
-85°	225.0	220.2	220.2	215.4	201.1	191.5	177.1	167.6	153.2	134.1	124.5
-87.5°	134.1	129.3	124.5	119.7	110.1	105.3	95.8	91.0	81.4	71.8	67.0
-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-SA8B-940-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°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	0.0	0.0
85°	14.4	9.6	9.6	9.6	9.6	9.6	4.8	4.8	4.8	4.8	4.8
82.5°	28.7	28.7	23.9	23.9	19.2	14.4	9.6	9.6	9.6	4.8	4.8
80°	43.1	43.1	43.1	38.3	33.5	23.9	19.2	14.4	9.6	4.8	4.8
77.5°	52.7	47.9	47.9	43.1	43.1	38.3	28.7	23.9	14.4	9.6	4.8
75°	52.7	52.7	52.7	47.9	47.9	43.1	38.3	28.7	23.9	14.4	9.6
72.5°	57.5	52.7	52.7	52.7	47.9	43.1	38.3	33.5	28.7	19.2	9.6
70°	52.7	52.7	52.7	52.7	47.9	47.9	38.3	33.5	33.5	19.2	14.4
67.5°	52.7	52.7	52.7	47.9	47.9	43.1	38.3	33.5	33.5	23.9	14.4
65°	57.5	52.7	52.7	52.7	47.9	43.1	38.3	33.5	33.5	28.7	19.2
62.5°	62.2	57.5	57.5	52.7	47.9	43.1	38.3	33.5	33.5	28.7	19.2
60°	67.0	62.2	57.5	57.5	52.7	47.9	38.3	38.3	33.5	28.7	19.2
57.5°	71.8	67.0	67.0	62.2	57.5	52.7	43.1	38.3	33.5	28.7	23.9
55°	86.2	76.6	71.8	71.8	67.0	57.5	47.9	38.3	33.5	28.7	23.9
52.5°	114.9	91.0	81.4	81.4	76.6	67.0	52.7	43.1	33.5	28.7	23.9
50°	181.9	114.9	95.8	86.2	86.2	76.6	62.2	47.9	33.5	28.7	23.9
47.5°	287.3	191.5	114.9	100.5	95.8	91.0	71.8	47.9	38.3	28.7	23.9
45°	474.0	282.5	186.7	119.7	100.5	95.8	81.4	52.7	38.3	33.5	23.9
42.5°	651.1	440.5	287.3	143.6	119.7	105.3	86.2	57.5	43.1	33.5	23.9
40°	1024.5	603.2	402.2	234.6	138.8	110.1	95.8	67.0	43.1	33.5	23.9
37.5°	1388.4	799.5	541.0	344.7	158.0	124.5	100.5	71.8	47.9	33.5	28.7
35°	1752.2	1120.3	670.3	459.6	210.7	148.4	105.3	76.6	47.9	33.5	28.7
32.5°	2077.8	1421.9	804.3	574.5	316.0	177.1	114.9	81.4	52.7	38.3	28.7
30°	2345.9	1699.6	1043.7	675.0	411.7	215.4	124.5	81.4	57.5	38.3	28.7
27.5°	2547.0	1915.0	1287.8	780.4	493.1	253.7	143.6	91.0	57.5	38.3	28.7
25°	2709.7	2082.6	1503.3	890.5	564.9	316.0	172.4	95.8	62.2	43.1	28.7
22.5°	2839.0	2221.4	1680.4	1038.9	651.1	378.2	210.7	105.3	62.2	43.1	28.7
20°	3016.1	2360.2	1800.1	1196.9	742.1	435.7	244.2	114.9	62.2	43.1	33.5
17.5°	3169.3	2499.1	1895.9	1330.9	833.0	478.8	282.5	124.5	67.0	43.1	33.5
15°	3346.5	2633.1	1982.0	1436.3	919.2	517.1	316.0	134.1	67.0	47.9	33.5
12.5°	3538.0	2757.6	2044.3	1522.4	1010.2	550.6	344.7	153.2	71.8	47.9	33.5
10°	3734.3	2862.9	2096.9	1584.7	1077.2	584.1	363.9	172.4	76.6	47.9	33.5
7.5°	3930.5	2958.7	2164.0	1613.4	1105.9	622.4	373.4	191.5	76.6	52.7	33.5
5°	4064.6	3020.9	2259.7	1632.5	1120.3	665.5	387.8	215.4	81.4	52.7	33.5
2.5°	4179.5	3059.2	2360.2	1646.9	1125.1	689.4	383.0	229.8	86.2	52.7	33.5
0°	4232.2	3059.2	2427.3	1637.3	1110.7	713.3	383.0	244.2	86.2	52.7	33.5
-2.5°	4150.8	3145.4	2408.1	1642.1	1115.5	713.3	402.2	249.0	95.8	57.5	33.5
-5°	4021.5	3178.9	2350.7	1618.2	1105.9	713.3	426.1	253.7	100.5	57.5	38.3
-7.5°	3897.0	3193.3	2283.6	1594.2	1091.6	694.2	430.9	249.0	110.1	62.2	38.3
-10°	3734.3	3035.3	2197.5	1551.2	1062.8	679.8	440.5	249.0	114.9	62.2	38.3
-12.5°	3547.5	2843.8	2092.1	1488.9	1029.3	665.5	445.2	249.0	119.7	67.0	38.3
-15°	3332.1	2647.5	1972.5	1421.9	981.4	646.3	435.7	244.2	124.5	67.0	43.1
-17.5°	3087.9	2456.0	1848.0	1340.5	928.8	622.4	416.5	239.4	124.5	67.0	43.1
-20°	2810.3	2264.5	1709.1	1259.1	866.5	593.7	397.4	229.8	124.5	67.0	43.1

REPORT NUMBER: P722739

CATALOG NUMBER: IFLD-L-SA8B-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2561.3	2087.4	1565.5	1168.2	799.5	560.1	373.4	220.2	124.5	71.8	43.1
-25°	2355.5	1915.0	1455.4	1077.2	727.7	521.8	349.5	210.7	124.5	71.8	43.1
-27.5°	2140.0	1728.3	1340.5	991.0	679.8	488.3	325.6	201.1	119.7	71.8	43.1
-30°	1919.8	1546.4	1220.8	895.3	632.0	454.8	306.4	186.7	119.7	71.8	43.1
-32.5°	1718.7	1398.0	1110.7	799.5	579.3	421.3	287.3	181.9	114.9	71.8	43.1
-35°	1522.4	1263.9	995.8	722.9	521.8	387.8	268.1	177.1	114.9	71.8	43.1
-37.5°	1359.7	1139.4	890.5	670.3	488.3	359.1	249.0	167.6	110.1	71.8	43.1
-40°	1225.6	1024.5	789.9	612.8	459.6	330.3	229.8	162.8	110.1	71.8	43.1
-42.5°	1101.1	914.4	727.7	564.9	430.9	311.2	215.4	158.0	105.3	71.8	43.1
-45°	991.0	818.7	665.5	521.8	397.4	287.3	205.9	148.4	100.5	71.8	47.9
-47.5°	880.9	751.6	608.0	483.5	363.9	258.5	196.3	143.6	95.8	67.0	47.9
-50°	794.7	679.8	560.1	440.5	330.3	249.0	186.7	134.1	95.8	67.0	47.9
-52.5°	718.1	612.8	507.5	397.4	301.6	234.6	177.1	124.5	91.0	67.0	47.9
-55°	646.3	550.6	454.8	354.3	282.5	220.2	162.8	114.9	91.0	67.0	47.9
-57.5°	574.5	493.1	402.2	320.8	258.5	205.9	153.2	114.9	91.0	67.0	47.9
-60°	517.1	440.5	363.9	296.8	239.4	186.7	138.8	110.1	86.2	67.0	47.9
-62.5°	469.2	397.4	330.3	268.1	220.2	167.6	134.1	110.1	86.2	67.0	43.1
-65°	421.3	359.1	296.8	244.2	196.3	158.0	129.3	105.3	86.2	67.0	43.1
-67.5°	373.4	316.0	268.1	215.4	181.9	153.2	124.5	105.3	81.4	62.2	43.1
-70°	325.6	277.7	234.6	201.1	172.4	143.6	119.7	100.5	81.4	57.5	38.3
-72.5°	287.3	244.2	210.7	186.7	162.8	138.8	114.9	95.8	76.6	52.7	33.5
-75°	244.2	215.4	191.5	167.6	148.4	129.3	110.1	86.2	67.0	47.9	33.5
-77.5°	205.9	186.7	167.6	153.2	134.1	114.9	95.8	76.6	62.2	43.1	28.7
-80°	177.1	162.8	148.4	134.1	119.7	100.5	86.2	67.0	52.7	38.3	23.9
-82.5°	143.6	134.1	119.7	110.1	100.5	86.2	71.8	57.5	38.3	28.7	19.2
-85°	110.1	100.5	95.8	86.2	76.6	62.2	47.9	38.3	28.7	19.2	9.6
-87.5°	57.5	52.7	47.9	43.1	38.3	28.7	23.9	19.2	14.4	9.6	4.8
-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: P722739

CATALOG NUMBER: IFLD-L-SA8B-940-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°	4.8	0.0	0.0	0.0
77.5°	4.8	0.0	0.0	0.0
75°	4.8	4.8	0.0	0.0
72.5°	4.8	4.8	0.0	0.0
70°	4.8	4.8	0.0	0.0
67.5°	9.6	4.8	0.0	0.0
65°	9.6	4.8	0.0	0.0
62.5°	9.6	4.8	0.0	0.0
60°	9.6	4.8	0.0	0.0
57.5°	14.4	4.8	4.8	0.0
55°	14.4	4.8	4.8	0.0
52.5°	14.4	4.8	4.8	0.0
50°	14.4	9.6	4.8	0.0
47.5°	14.4	9.6	4.8	0.0
45°	14.4	9.6	4.8	0.0
42.5°	14.4	9.6	4.8	0.0
40°	19.2	9.6	4.8	0.0
37.5°	19.2	9.6	4.8	0.0
35°	19.2	9.6	4.8	0.0
32.5°	19.2	9.6	4.8	0.0
30°	19.2	14.4	4.8	0.0
27.5°	19.2	14.4	4.8	0.0
25°	19.2	14.4	4.8	0.0
22.5°	23.9	14.4	4.8	0.0
20°	23.9	14.4	4.8	0.0
17.5°	23.9	14.4	4.8	0.0
15°	23.9	14.4	4.8	0.0
12.5°	23.9	14.4	4.8	0.0
10°	23.9	14.4	4.8	0.0
7.5°	23.9	14.4	4.8	0.0
5°	23.9	14.4	4.8	0.0
2.5°	23.9	14.4	4.8	0.0
0°	23.9	14.4	4.8	0.0
-2.5°	23.9	14.4	4.8	0.0
-5°	23.9	14.4	4.8	0.0
-7.5°	23.9	14.4	4.8	0.0
-10°	23.9	14.4	4.8	0.0
-12.5°	28.7	14.4	4.8	0.0
-15°	28.7	14.4	4.8	0.0
-17.5°	28.7	14.4	4.8	0.0
-20°	28.7	14.4	4.8	0.0



REPORT NUMBER: P722739

CATALOG NUMBER: IFLD-L-SA8B-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	28.7	14.4	4.8	0.0
-25°	28.7	14.4	4.8	0.0
-27.5°	28.7	14.4	4.8	0.0
-30°	28.7	14.4	4.8	0.0
-32.5°	28.7	14.4	4.8	0.0
-35°	28.7	14.4	4.8	0.0
-37.5°	28.7	14.4	4.8	0.0
-40°	28.7	14.4	4.8	0.0
-42.5°	23.9	14.4	4.8	0.0
-45°	28.7	14.4	4.8	0.0
-47.5°	28.7	14.4	4.8	0.0
-50°	28.7	14.4	4.8	0.0
-52.5°	28.7	14.4	4.8	0.0
-55°	28.7	14.4	4.8	0.0
-57.5°	28.7	14.4	4.8	0.0
-60°	28.7	14.4	4.8	0.0
-62.5°	23.9	14.4	4.8	0.0
-65°	23.9	9.6	4.8	0.0
-67.5°	23.9	9.6	4.8	0.0
-70°	23.9	9.6	4.8	0.0
-72.5°	19.2	9.6	4.8	0.0
-75°	19.2	9.6	4.8	0.0
-77.5°	14.4	4.8	0.0	0.0
-80°	14.4	4.8	0.0	0.0
-82.5°	9.6	4.8	0.0	0.0
-85°	4.8	4.8	0.0	0.0
-87.5°	4.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)