

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: P722741

Luminaire Tested: **IFLD-L-SA8D-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722741
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-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:	41190.8 lumens	Max Intensity:	28755.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	84.4 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:	26277.9 lumens	Field Lumens:	38833.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

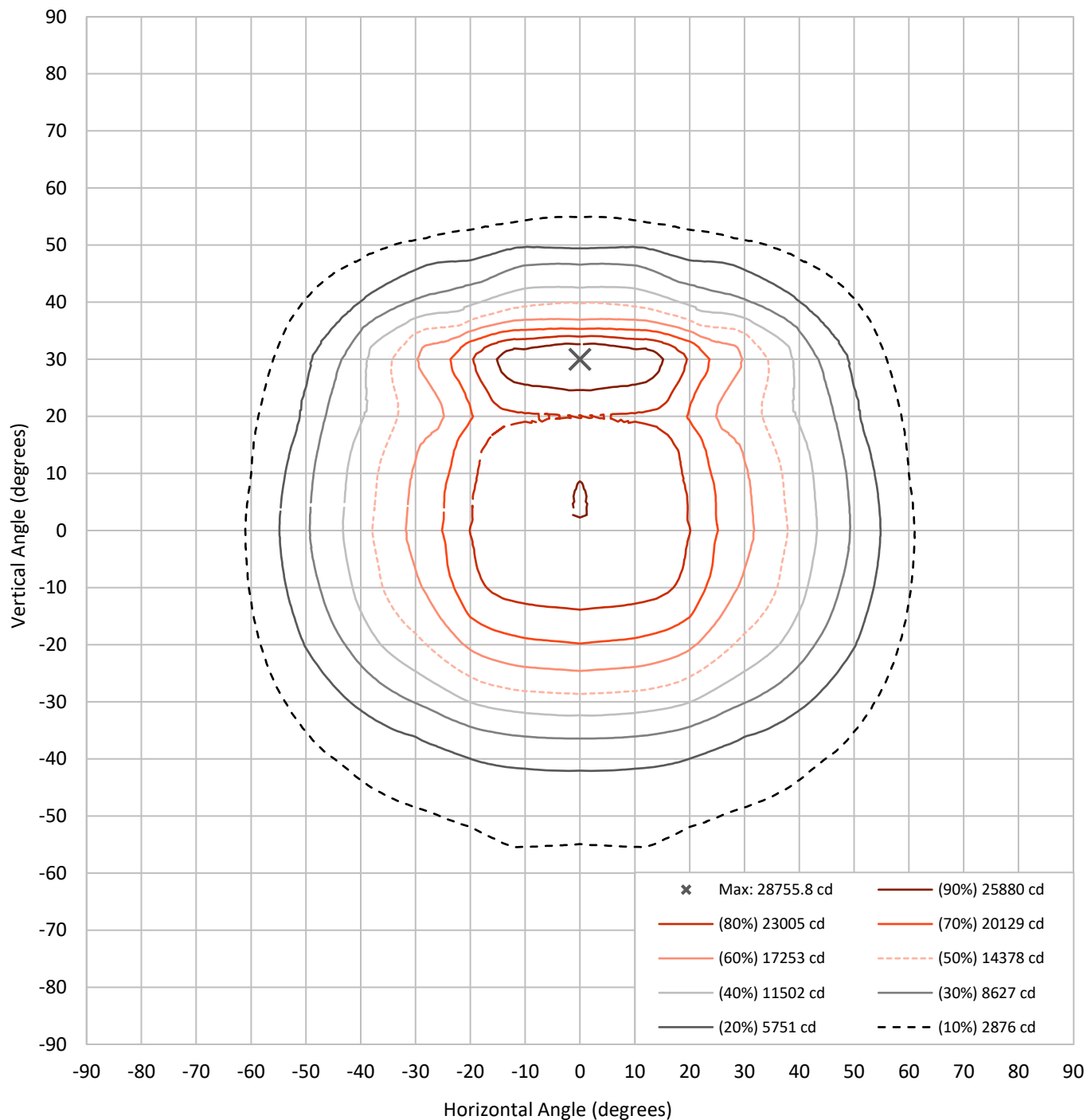
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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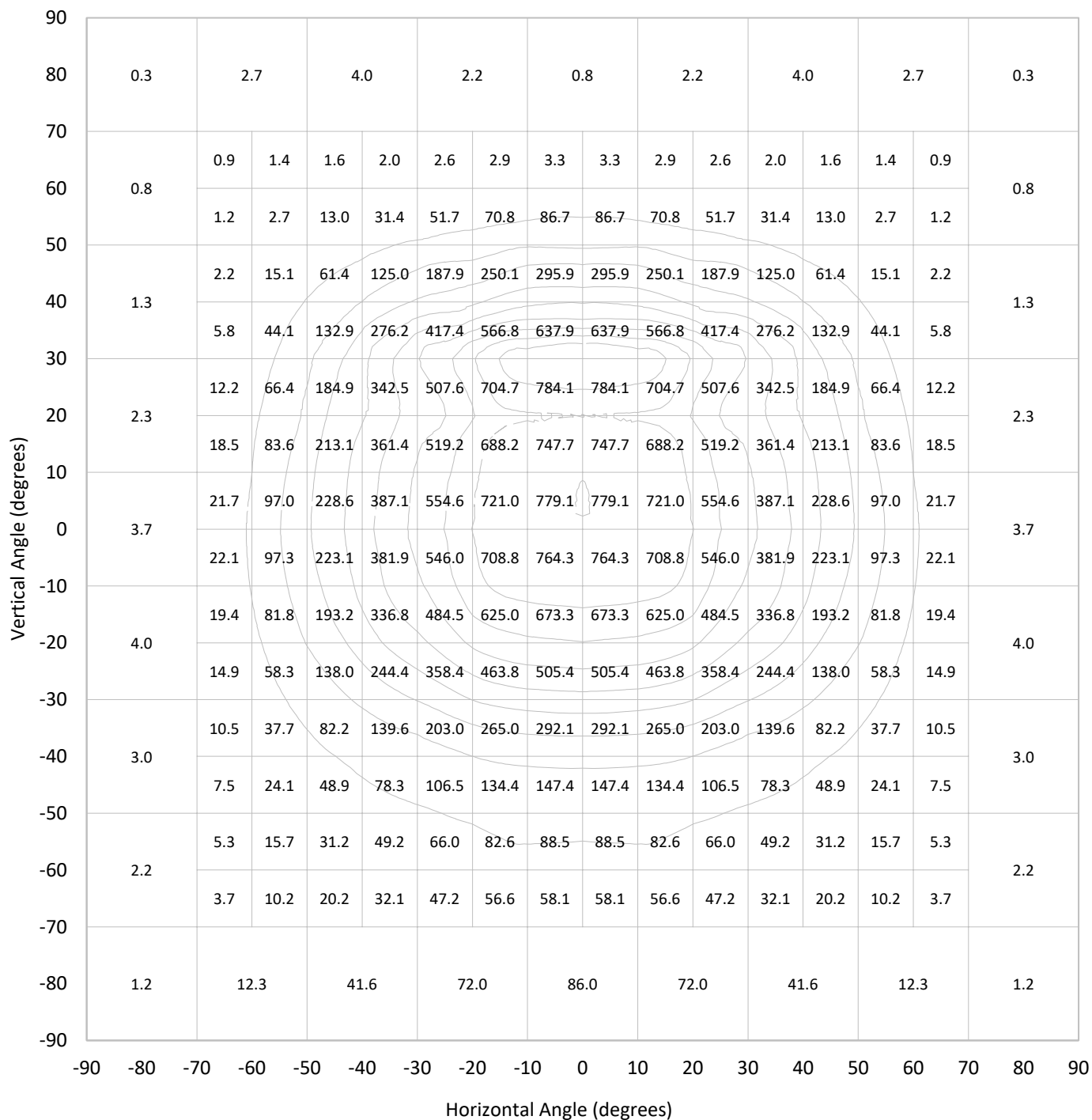
Iso-Candela Plot



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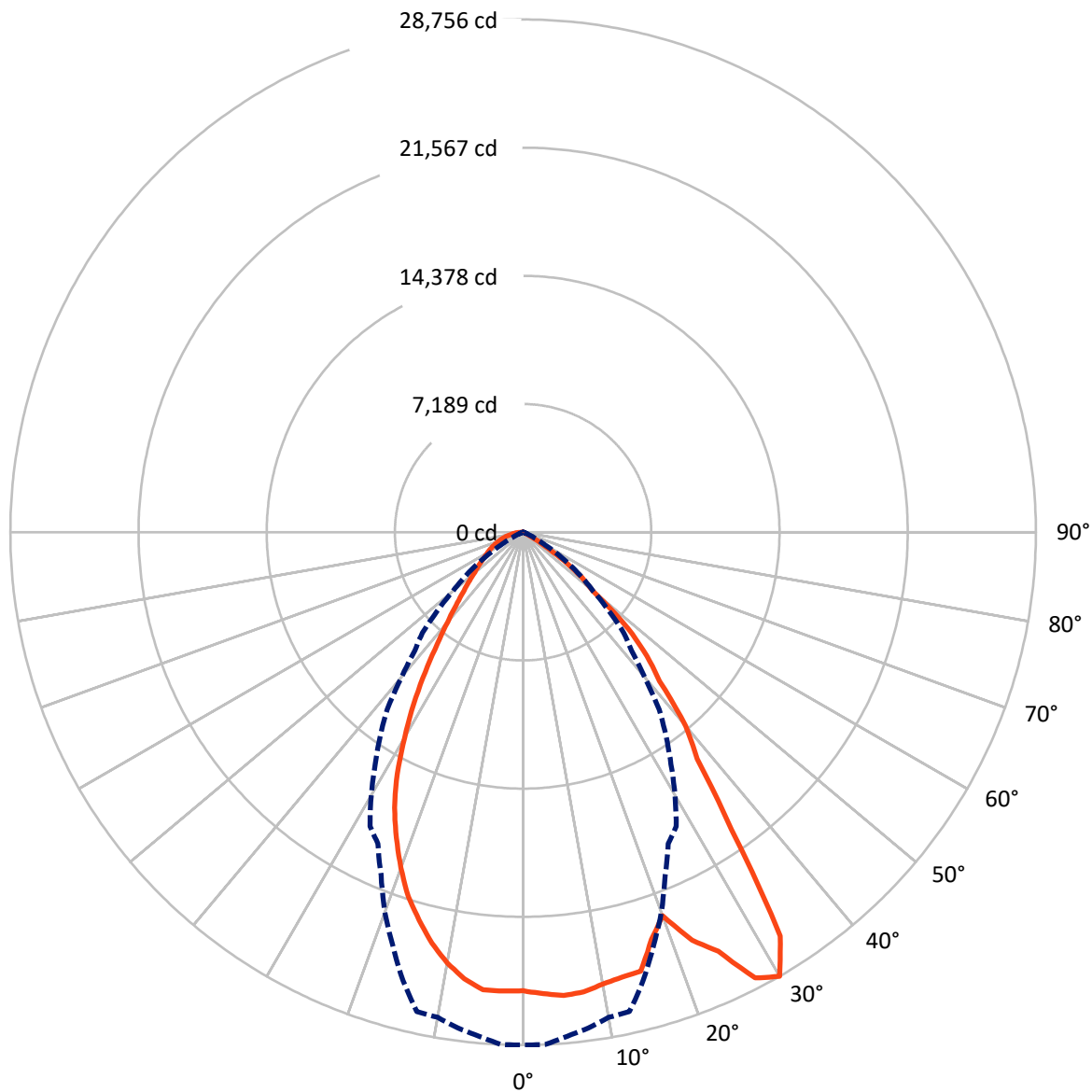
Lumen Table



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Luminous Intensity Polar Plot



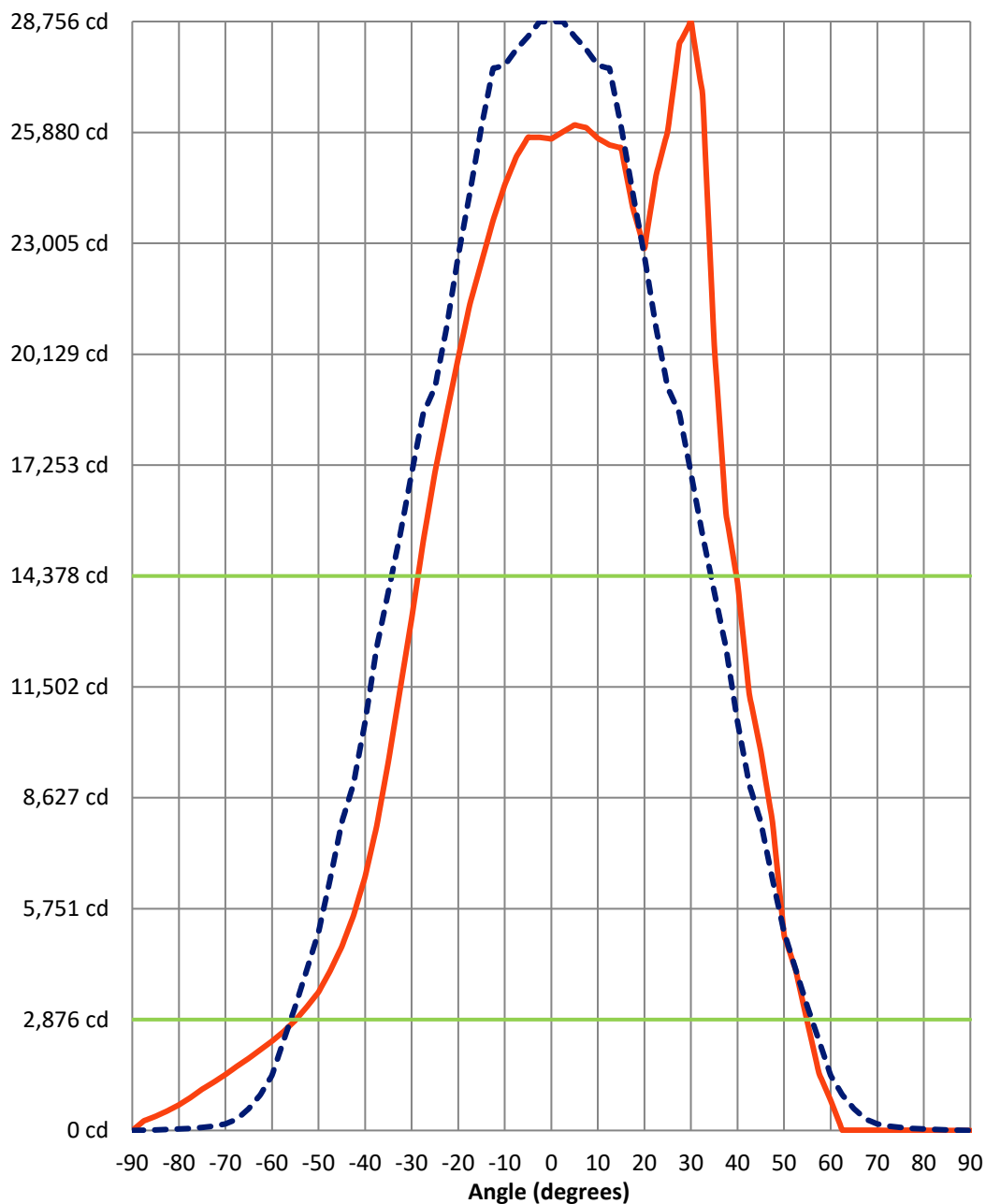
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 26277.9

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 38833.7

Efficiency: 94.3%

Spill:

Lumens: 2357.1

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	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	0.0	6.6	6.6	6.6	13.1	13.1	13.1	13.1	13.1	13.1	19.7
82.5°	0.0	6.6	6.6	6.6	13.1	13.1	13.1	13.1	19.7	19.7	26.2
80°	6.6	6.6	6.6	6.6	13.1	13.1	13.1	19.7	19.7	26.2	26.2
77.5°	6.6	6.6	6.6	13.1	13.1	13.1	19.7	19.7	26.2	26.2	32.8
75°	6.6	6.6	6.6	13.1	13.1	19.7	19.7	19.7	26.2	26.2	32.8
72.5°	0.0	6.6	6.6	13.1	13.1	19.7	19.7	19.7	26.2	26.2	26.2
70°	6.6	6.6	6.6	13.1	13.1	19.7	19.7	19.7	26.2	26.2	26.2
67.5°	6.6	6.6	6.6	13.1	13.1	19.7	19.7	26.2	26.2	26.2	32.8
65°	6.6	6.6	6.6	13.1	19.7	19.7	26.2	32.8	32.8	39.3	45.9
62.5°	6.6	13.1	13.1	19.7	26.2	32.8	72.1	111.5	111.5	78.7	65.6
60°	780.4	846.0	839.4	760.7	662.3	557.4	537.7	518.1	478.7	419.7	439.4
57.5°	1482.1	1560.7	1593.5	1573.9	1521.4	1429.6	1377.1	1318.1	1239.4	1147.6	1042.7
55°	2806.7	2839.5	2767.4	2629.7	2478.8	2328.0	2275.5	2196.8	2078.8	1960.8	1803.4
52.5°	4151.1	4262.5	4229.8	4092.0	3888.7	3619.9	3324.8	3095.3	2957.5	2826.4	2669.0
50°	5069.1	5115.0	5206.9	5370.8	5429.8	5246.2	4767.5	4151.1	3711.7	3934.7	3764.2
47.5°	8000.5	8230.0	8184.1	8066.0	7869.3	7370.9	6702.0	6151.2	5692.1	5541.3	5567.5
45°	9830.1	9921.9	9889.1	9836.6	9744.8	9279.2	8538.2	7692.2	7266.0	7095.5	6918.4
42.5°	11331.8	11430.2	11449.8	11456.4	11358.0	10931.8	10262.9	9416.9	8990.7	8498.9	8111.9
40°	14197.5	14341.8	14177.9	13961.5	13633.6	13148.3	12492.5	11712.2	10958.0	10354.7	9895.7
37.5°	16027.2	16204.2	16269.8	16256.7	16184.5	15974.7	15168.1	14427.1	13272.9	11922.0	12164.6
35°	20368.4	20552.0	20499.5	20302.8	20197.9	19974.9	19188.0	18309.3	16860.0	15391.1	14997.6
32.5°	26840.9	27240.9	26493.3	25673.6	25168.7	25345.7	24545.7	22394.7	21725.8	19076.5	17850.2
30°	28755.8	28749.2	28368.9	28034.4	27621.3	27536.0	26027.7	24309.6	22670.2	20814.3	19266.7
27.5°	28172.1	28054.1	27732.7	27490.1	27103.2	26899.9	25424.4	24060.4	22165.2	20506.1	19010.9
25°	25922.8	26014.6	25686.7	25640.8	25490.0	25096.5	24362.1	22827.5	21135.6	19299.5	18224.0
22.5°	24762.1	24729.3	24335.8	24106.3	24289.9	23870.2	23575.1	22027.5	20263.5	18715.8	17424.0
20°	22873.5	22880.0	22781.6	22762.0	22650.5	22460.3	22224.2	21129.1	19883.1	18558.4	17004.3
17.5°	23929.3	24198.1	24316.2	23339.1	23614.5	23398.1	23148.9	21620.9	20683.2	19509.3	17483.0
15°	25476.9	25378.5	25260.5	25208.0	25057.2	24853.9	24401.4	23181.7	21568.5	20355.3	18774.9
12.5°	25555.6	25365.4	25319.5	25312.9	25155.6	24873.6	24434.2	23424.3	21994.7	20519.2	19233.9
10°	25726.1	25529.3	25503.1	25535.9	25293.3	25116.2	24676.8	23739.1	22125.9	20801.2	19588.0
7.5°	26001.5	25673.6	25824.4	25726.1	25614.6	25332.6	24860.5	23942.4	22604.6	21175.0	19902.8
5°	26073.6	25713.0	25876.9	25785.1	25621.2	25345.7	24834.2	24073.5	22899.7	21325.8	20027.4
2.5°	25896.6	25791.7	25719.5	25549.0	25476.9	25175.2	24690.0	23876.8	22762.0	21260.2	20001.2
0°	25713.0	25804.8	25640.8	25470.3	25437.5	25194.9	24781.8	24047.3	23083.3	21443.9	20224.1
-2.5°	25752.3	25680.2	25568.7	25391.6	25221.1	24873.6	24499.8	23811.2	22775.1	21043.8	19909.3
-5°	25752.3	25417.9	25431.0	25437.5	25267.0	24906.4	24453.9	23870.2	22591.5	21037.3	19817.5
-7.5°	25253.9	24965.4	24919.5	24880.1	24834.2	24499.8	24145.7	23417.7	22283.3	20866.8	19561.8
-10°	24519.4	24237.5	24263.7	24204.7	24060.4	23837.4	23568.6	22912.8	21981.6	20329.0	19043.7
-12.5°	23601.4	23476.8	23404.6	23306.3	23162.0	22965.3	22689.8	22073.4	21076.6	19666.7	18447.0
-15°	22512.8	22421.0	22355.4	22296.4	22086.5	21883.2	21522.6	20952.0	20329.0	18814.2	17568.2
-17.5°	21424.2	21194.7	21102.9	21024.2	20886.5	20558.6	20230.7	19804.4	18932.2	17732.2	16663.3
-20°	20027.4	19889.7	19778.2	19673.3	19476.5	19220.8	18951.9	18460.1	17705.9	16735.4	15627.1

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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°	18565.0	18486.3	18394.5	18263.3	18132.2	17889.6	17515.8	17043.6	16453.4	15404.2	14368.0
-25°	17056.7	16905.9	16794.4	16669.8	16564.9	16341.9	15981.3	15528.8	14787.7	13882.8	13017.1
-27.5°	15279.6	15135.3	15076.3	14932.0	14840.2	14636.9	14276.2	13856.5	13187.6	12426.9	11548.2
-30°	13272.9	13299.1	13233.6	13095.8	12984.4	12722.0	12446.6	12092.5	11567.9	10840.0	10053.0
-32.5°	11417.1	11449.8	11371.1	11226.9	11082.6	10892.4	10636.7	10315.3	9921.9	9226.8	8544.8
-35°	9561.2	9548.1	9482.5	9397.3	9298.9	9141.5	8853.0	8610.3	8157.8	7672.6	7200.4
-37.5°	7895.5	7928.3	7908.7	7862.7	7751.3	7620.1	7384.0	7161.1	6826.6	6400.4	6033.1
-40°	6577.4	6616.8	6590.5	6544.6	6446.3	6367.6	6210.2	6013.5	5744.6	5377.4	5069.1
-42.5°	5567.5	5593.8	5561.0	5521.6	5436.4	5377.4	5252.8	5088.8	4865.9	4583.9	4308.4
-45°	4767.5	4774.0	4741.3	4715.0	4649.4	4577.3	4472.4	4341.2	4164.2	3967.4	3744.5
-47.5°	4137.9	4131.4	4098.6	4072.4	4019.9	3954.3	3869.1	3751.0	3613.3	3462.5	3285.4
-50°	3587.1	3619.9	3606.8	3580.5	3541.2	3495.3	3410.0	3285.4	3147.7	3036.2	2911.6
-52.5°	3206.7	3213.3	3206.7	3206.7	3200.2	3167.4	3069.0	2944.4	2793.6	2695.2	2590.3
-55°	2852.6	2885.4	2898.5	2911.6	2918.2	2918.2	2800.2	2669.0	2524.7	2426.4	2347.7
-57.5°	2564.1	2583.8	2596.9	2629.7	2655.9	2675.6	2570.6	2452.6	2341.1	2249.3	2177.2
-60°	2314.9	2341.1	2360.8	2393.6	2413.3	2426.4	2360.8	2282.1	2216.5	2157.5	2052.6
-62.5°	2091.9	2111.6	2131.3	2150.9	2170.6	2183.7	2157.5	2118.2	2085.4	2059.1	1928.0
-65°	1869.0	1888.6	1908.3	1934.5	1954.2	1967.3	1960.8	1934.5	1908.3	1882.1	1764.0
-67.5°	1665.7	1685.3	1711.6	1718.1	1731.2	1737.8	1724.7	1705.0	1672.2	1639.4	1547.6
-70°	1449.3	1462.4	1475.5	1475.5	1475.5	1468.9	1455.8	1429.6	1396.8	1350.9	1278.8
-72.5°	1252.5	1265.6	1278.8	1259.1	1246.0	1226.3	1206.6	1173.8	1141.0	1108.3	1068.9
-75°	1068.9	1075.5	1075.5	1049.2	1029.6	1009.9	983.7	964.0	931.2	905.0	872.2
-77.5°	852.5	852.5	852.5	832.8	819.7	806.6	786.9	767.3	741.0	721.4	695.1
-80°	662.3	662.3	662.3	655.8	636.1	623.0	609.9	596.8	577.1	564.0	550.9
-82.5°	504.9	504.9	504.9	498.4	485.3	478.7	465.6	452.5	445.9	432.8	426.3
-85°	367.2	373.8	373.8	367.2	360.7	347.6	341.0	334.4	327.9	321.3	308.2
-87.5°	249.2	249.2	249.2	242.6	236.1	236.1	229.5	216.4	203.3	196.7	190.2
-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):

	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°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	19.7	19.7	19.7	26.2	26.2	26.2	26.2	26.2	26.2	26.2	19.7
82.5°	32.8	32.8	39.3	39.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9
80°	32.8	39.3	45.9	52.5	59.0	65.6	65.6	65.6	65.6	59.0	59.0
77.5°	39.3	39.3	45.9	52.5	59.0	65.6	72.1	78.7	72.1	72.1	72.1
75°	39.3	45.9	45.9	52.5	59.0	65.6	72.1	78.7	78.7	78.7	78.7
72.5°	32.8	39.3	45.9	52.5	52.5	59.0	65.6	65.6	72.1	72.1	78.7
70°	32.8	39.3	45.9	45.9	52.5	52.5	59.0	65.6	65.6	72.1	72.1
67.5°	39.3	45.9	45.9	52.5	59.0	59.0	59.0	65.6	65.6	72.1	72.1
65°	45.9	52.5	52.5	59.0	65.6	65.6	72.1	72.1	72.1	78.7	78.7
62.5°	78.7	78.7	78.7	72.1	78.7	78.7	78.7	85.3	85.3	78.7	85.3
60°	406.6	295.1	203.3	255.8	229.5	104.9	104.9	104.9	98.4	98.4	91.8
57.5°	957.4	891.9	767.3	649.2	583.6	518.1	321.3	131.2	131.2	118.0	104.9
55°	1600.1	1383.7	1291.9	1134.5	964.0	885.3	734.5	498.4	236.1	157.4	137.7
52.5°	2478.8	2275.5	2039.5	1718.1	1488.6	1305.0	1180.4	937.8	629.5	334.4	209.8
50°	3318.2	3226.4	3082.1	2767.4	2288.7	1980.4	1777.2	1501.7	1127.9	688.6	393.5
47.5°	5344.6	4577.3	4111.7	3869.1	3469.1	2885.4	2491.9	2183.7	1731.2	1160.7	695.1
45°	6728.3	6243.0	5502.0	4990.5	4400.3	3783.8	3272.3	2918.2	2380.5	1737.8	1088.6
42.5°	7915.2	7495.5	6826.6	6079.0	5456.1	4649.4	3993.7	3528.1	3075.6	2373.9	1626.3
40°	9443.2	8944.8	8302.1	7574.2	6846.3	5816.7	4754.4	4190.4	3692.0	3069.0	2196.8
37.5°	11961.3	11082.6	10033.4	9226.8	8275.9	7403.7	5947.9	4951.1	4360.9	3711.7	2865.7
35°	14991.0	14027.0	12276.1	11207.2	9935.0	8636.6	7325.0	5849.5	5010.1	4321.6	3482.2
32.5°	17810.9	16400.9	14158.2	12905.7	12059.7	9666.1	8308.7	7029.9	5679.0	4833.1	3836.3
30°	18591.2	17037.0	15430.4	13968.0	12525.3	10590.8	8984.1	7987.3	6518.4	5141.3	4170.7
27.5°	17804.3	16735.4	15489.4	14132.0	12571.2	10912.1	9397.3	8446.4	7134.8	5351.1	4433.0
25°	17004.3	15889.4	15017.3	13882.8	12440.1	10892.4	9410.4	8734.9	7613.6	5757.7	4577.3
22.5°	16158.3	15463.2	14741.8	13476.2	12112.2	10951.5	9836.6	8984.1	7862.7	6216.8	4636.3
20°	16204.2	15751.7	14958.2	13266.3	12053.2	11299.0	10348.1	9298.9	8131.6	6616.8	4682.2
17.5°	16938.7	16348.5	15351.7	13882.8	12584.3	11653.1	10774.4	9731.7	8407.0	6970.9	5239.6
15°	17843.7	16945.2	15902.6	14610.7	13141.7	12040.0	11102.3	10033.4	8721.8	7298.8	5738.0
12.5°	18499.4	17220.7	16243.6	15076.3	13745.1	12459.7	11318.7	10262.9	9016.9	7567.7	6111.8
10°	18722.4	17561.7	16407.5	15364.8	14053.3	12682.7	11482.6	10407.2	9272.7	7777.5	6387.3
7.5°	18840.4	17856.8	16519.0	15496.0	14236.9	12820.4	11613.8	10485.9	9476.0	7921.8	6564.3
5°	18827.3	18014.2	16604.2	15535.3	14335.3	12879.4	11705.6	10505.5	9620.2	8046.4	6669.2
2.5°	18768.3	18119.1	16742.0	15600.9	14532.0	12990.9	11882.7	10544.9	9672.7	8184.1	6741.4
0°	18984.7	18125.6	16886.2	15620.6	14663.1	13030.3	11961.3	10512.1	9600.6	8223.4	6734.8
-2.5°	18519.1	17738.7	16853.4	15450.1	14486.1	12938.5	11817.1	10407.2	9443.2	8177.5	6708.6
-5°	18440.4	17456.7	16578.0	15292.7	14191.0	12748.3	11548.2	10210.4	9194.0	8026.7	6603.7
-7.5°	18230.6	17187.9	16309.1	15168.1	13915.6	12551.5	11292.5	10007.1	8925.1	7790.6	6452.8
-10°	17771.5	16774.7	16020.6	14899.2	13581.1	12269.6	10984.2	9738.3	8610.3	7469.3	6216.8
-12.5°	17115.7	16119.0	15371.4	14328.7	13161.4	11889.2	10617.0	9390.7	8249.7	7128.3	5934.8
-15°	16374.7	15364.8	14617.2	13666.4	12538.4	11299.0	10151.4	8951.3	7836.5	6767.6	5600.3
-17.5°	15535.3	14577.9	13856.5	12931.9	11810.5	10630.1	9489.1	8400.5	7357.8	6393.8	5213.4
-20°	14564.8	13633.6	12971.2	12046.6	11017.0	9869.4	8761.2	7731.6	6793.8	5888.9	4787.2

REPORT NUMBER: P722741

CATALOG NUMBER: IFLD-L-SA8D-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°	13364.7	12545.0	11790.8	10964.6	10066.2	9016.9	7987.3	7075.8	6177.4	5292.1	4347.8
-25°	12138.4	11344.9	10610.4	9856.3	8997.2	8092.3	7213.5	6387.3	5508.5	4708.5	3921.5
-27.5°	10774.4	10066.2	9410.4	8715.3	7928.3	7148.0	6426.6	5620.0	4859.3	4177.3	3501.8
-30°	9318.6	8741.5	8171.0	7554.5	6918.4	6262.7	5620.0	4859.3	4262.5	3718.2	3147.7
-32.5°	7921.8	7403.7	6944.7	6485.6	5934.8	5397.0	4826.5	4262.5	3764.2	3285.4	2806.7
-35°	6695.5	6144.6	5888.9	5521.6	5082.3	4597.0	4131.4	3737.9	3337.9	2905.1	2478.8
-37.5°	5633.1	5279.0	4977.3	4701.9	4354.3	3934.7	3600.2	3278.9	2944.4	2551.0	2183.7
-40°	4800.3	4544.5	4242.9	4039.6	3757.6	3455.9	3121.5	2852.6	2570.6	2249.3	1947.7
-42.5°	4131.4	3921.5	3724.8	3508.4	3298.6	3042.8	2754.3	2498.5	2242.8	2006.7	1757.5
-45°	3580.5	3429.7	3272.3	3095.3	2911.6	2688.7	2452.6	2190.3	2006.7	1796.8	1587.0
-47.5°	3128.0	3016.6	2885.4	2747.7	2590.3	2393.6	2177.2	1987.0	1796.8	1619.8	1416.5
-50°	2767.4	2662.4	2557.5	2439.5	2301.8	2131.3	1967.3	1790.3	1613.2	1442.7	1252.5
-52.5°	2465.7	2373.9	2288.7	2190.3	2059.1	1914.9	1764.0	1606.7	1442.7	1272.2	1121.4
-55°	2255.9	2150.9	2065.7	1967.3	1849.3	1711.6	1573.9	1429.6	1272.2	1141.0	1016.5
-57.5°	2085.4	1967.3	1869.0	1764.0	1646.0	1528.0	1403.4	1272.2	1154.2	1029.6	911.5
-60°	1941.1	1803.4	1691.9	1587.0	1475.5	1364.0	1259.1	1147.6	1036.1	924.6	806.6
-62.5°	1790.3	1646.0	1508.3	1409.9	1324.7	1226.3	1134.5	1029.6	931.2	819.7	734.5
-65°	1619.8	1482.1	1350.9	1265.6	1187.0	1101.7	1016.5	924.6	839.4	754.1	675.4
-67.5°	1429.6	1311.6	1219.7	1141.0	1062.4	990.2	911.5	832.8	760.7	675.4	596.8
-70°	1200.1	1134.5	1082.0	1023.0	950.9	885.3	813.2	741.0	662.3	590.2	518.1
-72.5°	1023.0	983.7	944.3	885.3	819.7	760.7	701.7	636.1	570.5	504.9	445.9
-75°	839.4	806.6	773.8	734.5	682.0	636.1	583.6	524.6	472.2	426.3	380.3
-77.5°	675.4	649.2	629.5	596.8	557.4	518.1	485.3	445.9	406.6	360.7	314.8
-80°	537.7	524.6	518.1	504.9	472.2	439.4	413.1	380.3	341.0	308.2	275.4
-82.5°	419.7	419.7	413.1	406.6	380.3	354.1	334.4	308.2	282.0	255.8	223.0
-85°	308.2	301.7	301.7	295.1	275.4	262.3	242.6	229.5	209.8	183.6	170.5
-87.5°	183.6	177.1	170.5	163.9	150.8	144.3	131.2	124.6	111.5	98.4	91.8
-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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CATALOG NUMBER: IFLD-L-SA8D-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°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	0.0	0.0
85°	19.7	13.1	13.1	13.1	13.1	13.1	6.6	6.6	6.6	6.6	6.6
82.5°	39.3	39.3	32.8	32.8	26.2	19.7	13.1	13.1	13.1	6.6	6.6
80°	59.0	59.0	59.0	52.5	45.9	32.8	26.2	19.7	13.1	6.6	6.6
77.5°	72.1	65.6	65.6	59.0	59.0	52.5	39.3	32.8	19.7	13.1	6.6
75°	72.1	72.1	72.1	65.6	65.6	59.0	52.5	39.3	32.8	19.7	13.1
72.5°	78.7	72.1	72.1	72.1	65.6	59.0	52.5	45.9	39.3	26.2	13.1
70°	72.1	72.1	72.1	72.1	65.6	65.6	52.5	45.9	45.9	26.2	19.7
67.5°	72.1	72.1	72.1	65.6	65.6	59.0	52.5	45.9	45.9	32.8	19.7
65°	78.7	72.1	72.1	72.1	65.6	59.0	52.5	45.9	45.9	39.3	26.2
62.5°	85.3	78.7	78.7	72.1	65.6	59.0	52.5	45.9	45.9	39.3	26.2
60°	91.8	85.3	78.7	78.7	72.1	65.6	52.5	52.5	45.9	39.3	26.2
57.5°	98.4	91.8	91.8	85.3	78.7	72.1	59.0	52.5	45.9	39.3	32.8
55°	118.0	104.9	98.4	98.4	91.8	78.7	65.6	52.5	45.9	39.3	32.8
52.5°	157.4	124.6	111.5	111.5	104.9	91.8	72.1	59.0	45.9	39.3	32.8
50°	249.2	157.4	131.2	118.0	118.0	104.9	85.3	65.6	45.9	39.3	32.8
47.5°	393.5	262.3	157.4	137.7	131.2	124.6	98.4	65.6	52.5	39.3	32.8
45°	649.2	386.9	255.8	163.9	137.7	131.2	111.5	72.1	52.5	45.9	32.8
42.5°	891.9	603.3	393.5	196.7	163.9	144.3	118.0	78.7	59.0	45.9	32.8
40°	1403.4	826.3	550.9	321.3	190.2	150.8	131.2	91.8	59.0	45.9	32.8
37.5°	1901.7	1095.1	741.0	472.2	216.4	170.5	137.7	98.4	65.6	45.9	39.3
35°	2400.1	1534.5	918.1	629.5	288.5	203.3	144.3	104.9	65.6	45.9	39.3
32.5°	2846.1	1947.7	1101.7	786.9	432.8	242.6	157.4	111.5	72.1	52.5	39.3
30°	3213.3	2328.0	1429.6	924.6	564.0	295.1	170.5	111.5	78.7	52.5	39.3
27.5°	3488.7	2623.1	1764.0	1068.9	675.4	347.6	196.7	124.6	78.7	52.5	39.3
25°	3711.7	2852.6	2059.1	1219.7	773.8	432.8	236.1	131.2	85.3	59.0	39.3
22.5°	3888.7	3042.8	2301.8	1423.0	891.9	518.1	288.5	144.3	85.3	59.0	39.3
20°	4131.4	3233.0	2465.7	1639.4	1016.5	596.8	334.4	157.4	85.3	59.0	45.9
17.5°	4341.2	3423.1	2596.9	1823.1	1141.0	655.8	386.9	170.5	91.8	59.0	45.9
15°	4583.9	3606.8	2714.9	1967.3	1259.1	708.2	432.8	183.6	91.8	65.6	45.9
12.5°	4846.2	3777.3	2800.2	2085.4	1383.7	754.1	472.2	209.8	98.4	65.6	45.9
10°	5115.0	3921.5	2872.3	2170.6	1475.5	800.0	498.4	236.1	104.9	65.6	45.9
7.5°	5383.9	4052.7	2964.1	2210.0	1514.8	852.5	511.5	262.3	104.9	72.1	45.9
5°	5567.5	4137.9	3095.3	2236.2	1534.5	911.5	531.2	295.1	111.5	72.1	45.9
2.5°	5724.9	4190.4	3233.0	2255.9	1541.1	944.3	524.6	314.8	118.0	72.1	45.9
0°	5797.1	4190.4	3324.8	2242.8	1521.4	977.1	524.6	334.4	118.0	72.1	45.9
-2.5°	5685.6	4308.4	3298.6	2249.3	1528.0	977.1	550.9	341.0	131.2	78.7	45.9
-5°	5508.5	4354.3	3219.9	2216.5	1514.8	977.1	583.6	347.6	137.7	78.7	52.5
-7.5°	5338.0	4374.0	3128.0	2183.7	1495.2	950.9	590.2	341.0	150.8	85.3	52.5
-10°	5115.0	4157.6	3010.0	2124.7	1455.8	931.2	603.3	341.0	157.4	85.3	52.5
-12.5°	4859.3	3895.3	2865.7	2039.5	1409.9	911.5	609.9	341.0	163.9	91.8	52.5
-15°	4564.2	3626.4	2701.8	1947.7	1344.3	885.3	596.8	334.4	170.5	91.8	59.0
-17.5°	4229.8	3364.1	2531.3	1836.2	1272.2	852.5	570.5	327.9	170.5	91.8	59.0
-20°	3849.4	3101.8	2341.1	1724.7	1187.0	813.2	544.3	314.8	170.5	91.8	59.0

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CATALOG NUMBER: IFLD-L-SA8D-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°	3508.4	2859.2	2144.4	1600.1	1095.1	767.3	511.5	301.7	170.5	98.4	59.0
-25°	3226.4	2623.1	1993.6	1475.5	996.8	714.8	478.7	288.5	170.5	98.4	59.0
-27.5°	2931.3	2367.3	1836.2	1357.5	931.2	668.9	445.9	275.4	163.9	98.4	59.0
-30°	2629.7	2118.2	1672.2	1226.3	865.6	623.0	419.7	255.8	163.9	98.4	59.0
-32.5°	2354.2	1914.9	1521.4	1095.1	793.5	577.1	393.5	249.2	157.4	98.4	59.0
-35°	2085.4	1731.2	1364.0	990.2	714.8	531.2	367.2	242.6	157.4	98.4	59.0
-37.5°	1862.4	1560.7	1219.7	918.1	668.9	491.8	341.0	229.5	150.8	98.4	59.0
-40°	1678.8	1403.4	1082.0	839.4	629.5	452.5	314.8	223.0	150.8	98.4	59.0
-42.5°	1508.3	1252.5	996.8	773.8	590.2	426.3	295.1	216.4	144.3	98.4	59.0
-45°	1357.5	1121.4	911.5	714.8	544.3	393.5	282.0	203.3	137.7	98.4	65.6
-47.5°	1206.6	1029.6	832.8	662.3	498.4	354.1	268.9	196.7	131.2	91.8	65.6
-50°	1088.6	931.2	767.3	603.3	452.5	341.0	255.8	183.6	131.2	91.8	65.6
-52.5°	983.7	839.4	695.1	544.3	413.1	321.3	242.6	170.5	124.6	91.8	65.6
-55°	885.3	754.1	623.0	485.3	386.9	301.7	223.0	157.4	124.6	91.8	65.6
-57.5°	786.9	675.4	550.9	439.4	354.1	282.0	209.8	157.4	124.6	91.8	65.6
-60°	708.2	603.3	498.4	406.6	327.9	255.8	190.2	150.8	118.0	91.8	65.6
-62.5°	642.7	544.3	452.5	367.2	301.7	229.5	183.6	150.8	118.0	91.8	59.0
-65°	577.1	491.8	406.6	334.4	268.9	216.4	177.1	144.3	118.0	91.8	59.0
-67.5°	511.5	432.8	367.2	295.1	249.2	209.8	170.5	144.3	111.5	85.3	59.0
-70°	445.9	380.3	321.3	275.4	236.1	196.7	163.9	137.7	111.5	78.7	52.5
-72.5°	393.5	334.4	288.5	255.8	223.0	190.2	157.4	131.2	104.9	72.1	45.9
-75°	334.4	295.1	262.3	229.5	203.3	177.1	150.8	118.0	91.8	65.6	45.9
-77.5°	282.0	255.8	229.5	209.8	183.6	157.4	131.2	104.9	85.3	59.0	39.3
-80°	242.6	223.0	203.3	183.6	163.9	137.7	118.0	91.8	72.1	52.5	32.8
-82.5°	196.7	183.6	163.9	150.8	137.7	118.0	98.4	78.7	52.5	39.3	26.2
-85°	150.8	137.7	131.2	118.0	104.9	85.3	65.6	52.5	39.3	26.2	13.1
-87.5°	78.7	72.1	65.6	59.0	52.5	39.3	32.8	26.2	19.7	13.1	6.6
-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: P722741

CATALOG NUMBER: IFLD-L-SA8D-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°	6.6	0.0	0.0	0.0
77.5°	6.6	0.0	0.0	0.0
75°	6.6	6.6	0.0	0.0
72.5°	6.6	6.6	0.0	0.0
70°	6.6	6.6	0.0	0.0
67.5°	13.1	6.6	0.0	0.0
65°	13.1	6.6	0.0	0.0
62.5°	13.1	6.6	0.0	0.0
60°	13.1	6.6	0.0	0.0
57.5°	19.7	6.6	6.6	0.0
55°	19.7	6.6	6.6	0.0
52.5°	19.7	6.6	6.6	0.0
50°	19.7	13.1	6.6	0.0
47.5°	19.7	13.1	6.6	0.0
45°	19.7	13.1	6.6	0.0
42.5°	19.7	13.1	6.6	0.0
40°	26.2	13.1	6.6	0.0
37.5°	26.2	13.1	6.6	0.0
35°	26.2	13.1	6.6	0.0
32.5°	26.2	13.1	6.6	0.0
30°	26.2	13.1	6.6	0.0
27.5°	26.2	19.7	6.6	0.0
25°	26.2	19.7	6.6	0.0
22.5°	32.8	19.7	6.6	0.0
20°	32.8	19.7	6.6	0.0
17.5°	32.8	19.7	6.6	0.0
15°	32.8	19.7	6.6	0.0
12.5°	32.8	19.7	6.6	0.0
10°	32.8	19.7	6.6	0.0
7.5°	32.8	19.7	6.6	0.0
5°	32.8	19.7	6.6	0.0
2.5°	32.8	19.7	6.6	0.0
0°	32.8	19.7	6.6	0.0
-2.5°	32.8	19.7	6.6	0.0
-5°	32.8	19.7	6.6	0.0
-7.5°	32.8	19.7	6.6	0.0
-10°	32.8	19.7	6.6	0.0
-12.5°	39.3	19.7	6.6	0.0
-15°	39.3	19.7	6.6	0.0
-17.5°	39.3	19.7	6.6	0.0
-20°	39.3	19.7	6.6	0.0

REPORT NUMBER: P722741

CATALOG NUMBER: IFLD-L-SA8D-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	39.3	19.7	6.6	0.0
-25°	39.3	19.7	6.6	0.0
-27.5°	39.3	19.7	6.6	0.0
-30°	39.3	19.7	6.6	0.0
-32.5°	39.3	19.7	6.6	0.0
-35°	39.3	19.7	6.6	0.0
-37.5°	39.3	19.7	6.6	0.0
-40°	39.3	19.7	6.6	0.0
-42.5°	32.8	19.7	6.6	0.0
-45°	39.3	19.7	6.6	0.0
-47.5°	39.3	19.7	6.6	0.0
-50°	39.3	19.7	6.6	0.0
-52.5°	39.3	19.7	6.6	0.0
-55°	39.3	19.7	6.6	0.0
-57.5°	39.3	19.7	6.6	0.0
-60°	39.3	19.7	6.6	0.0
-62.5°	32.8	19.7	6.6	0.0
-65°	32.8	13.1	6.6	0.0
-67.5°	32.8	13.1	6.6	0.0
-70°	32.8	13.1	6.6	0.0
-72.5°	26.2	13.1	6.6	0.0
-75°	26.2	13.1	6.6	0.0
-77.5°	19.7	6.6	0.0	0.0
-80°	19.7	6.6	0.0	0.0
-82.5°	13.1	6.6	0.0	0.0
-85°	6.6	6.6	0.0	0.0
-87.5°	6.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)