

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: P722723

Luminaire Tested: **IFLD-S-SA6A-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722723
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

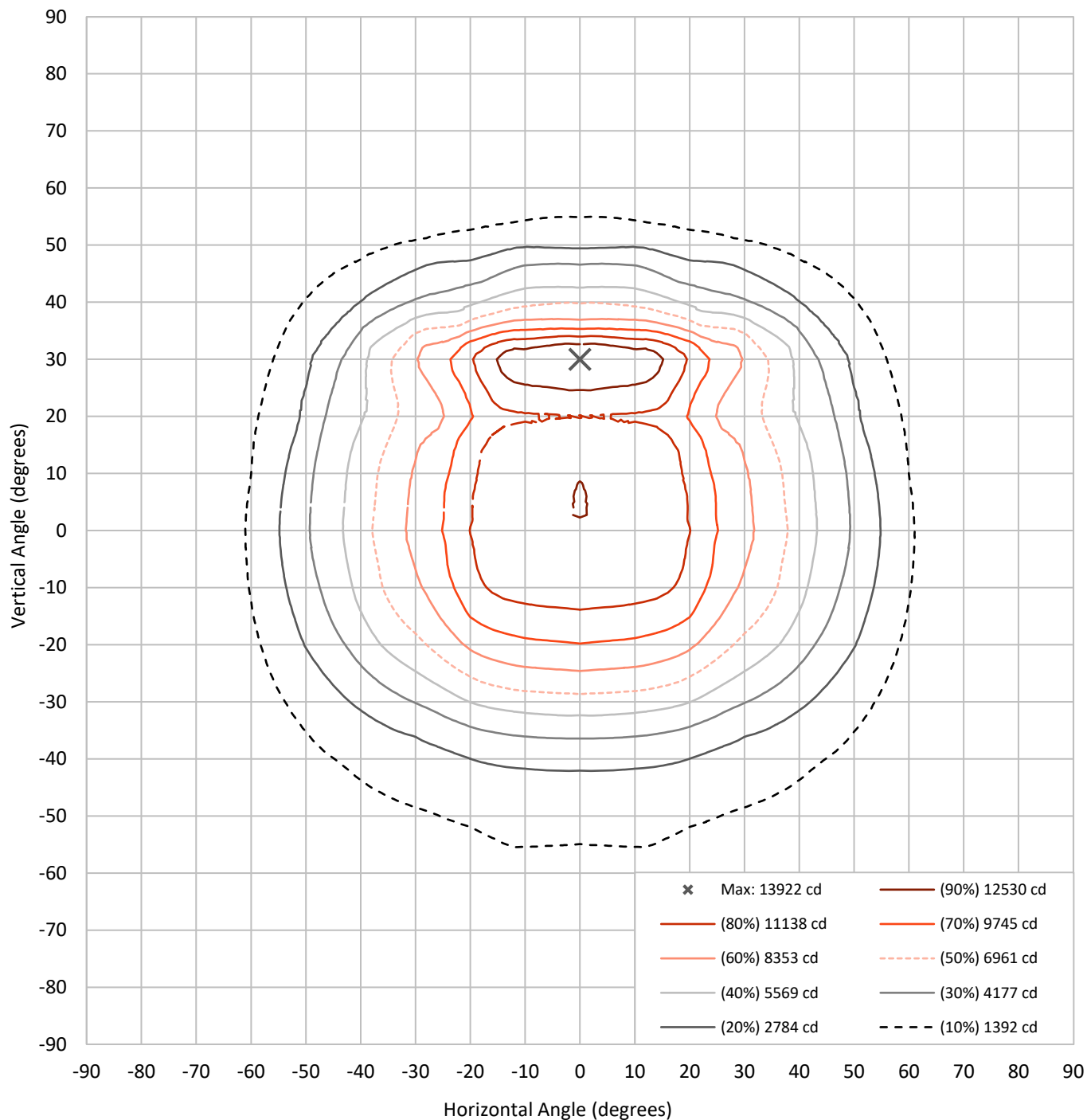
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19942.3 lumens	Max Intensity:	13922 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	105.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	12722.3 lumens	Field Lumens:	18801.1 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	189.6		
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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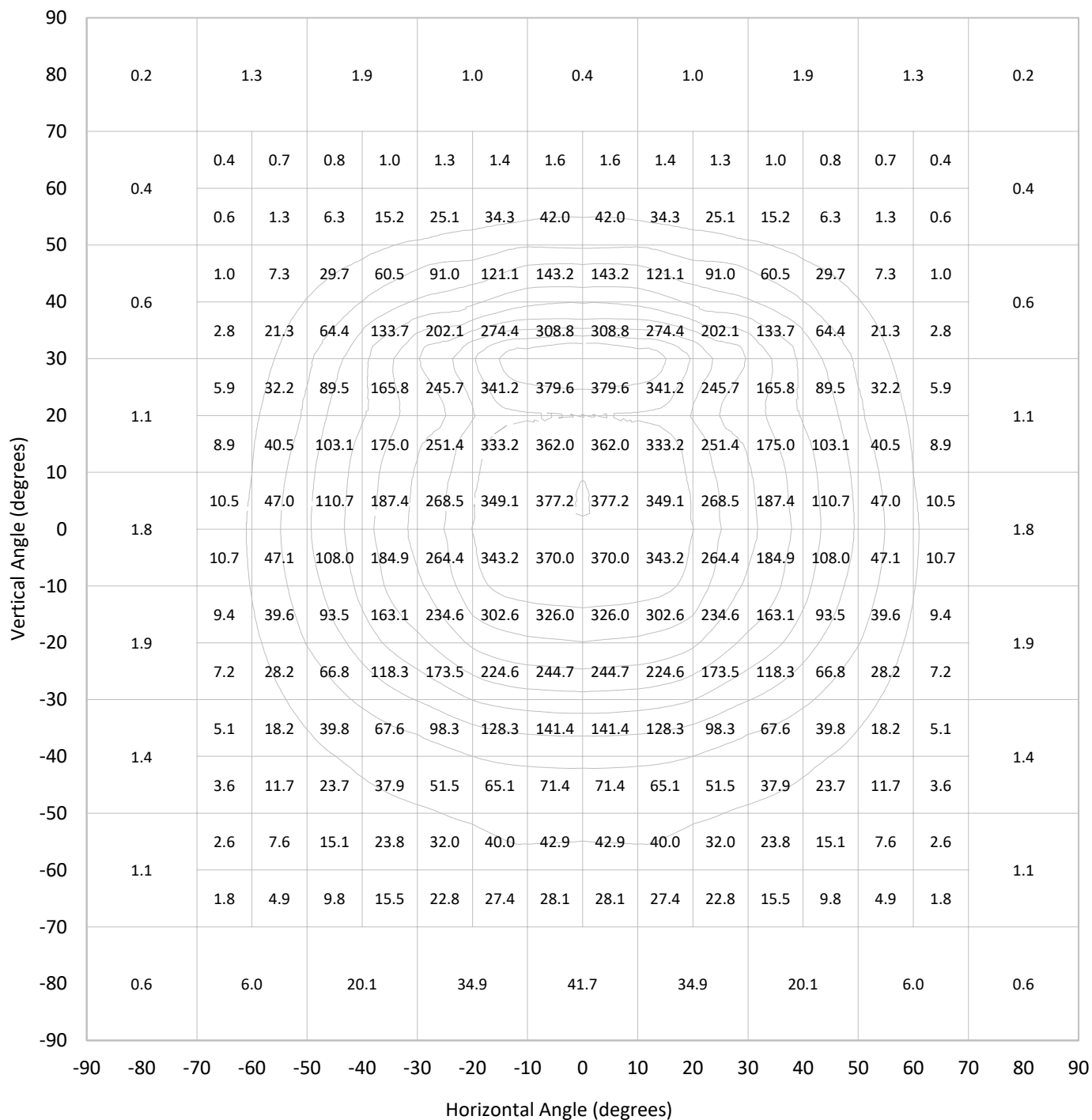
Iso-Candela Plot



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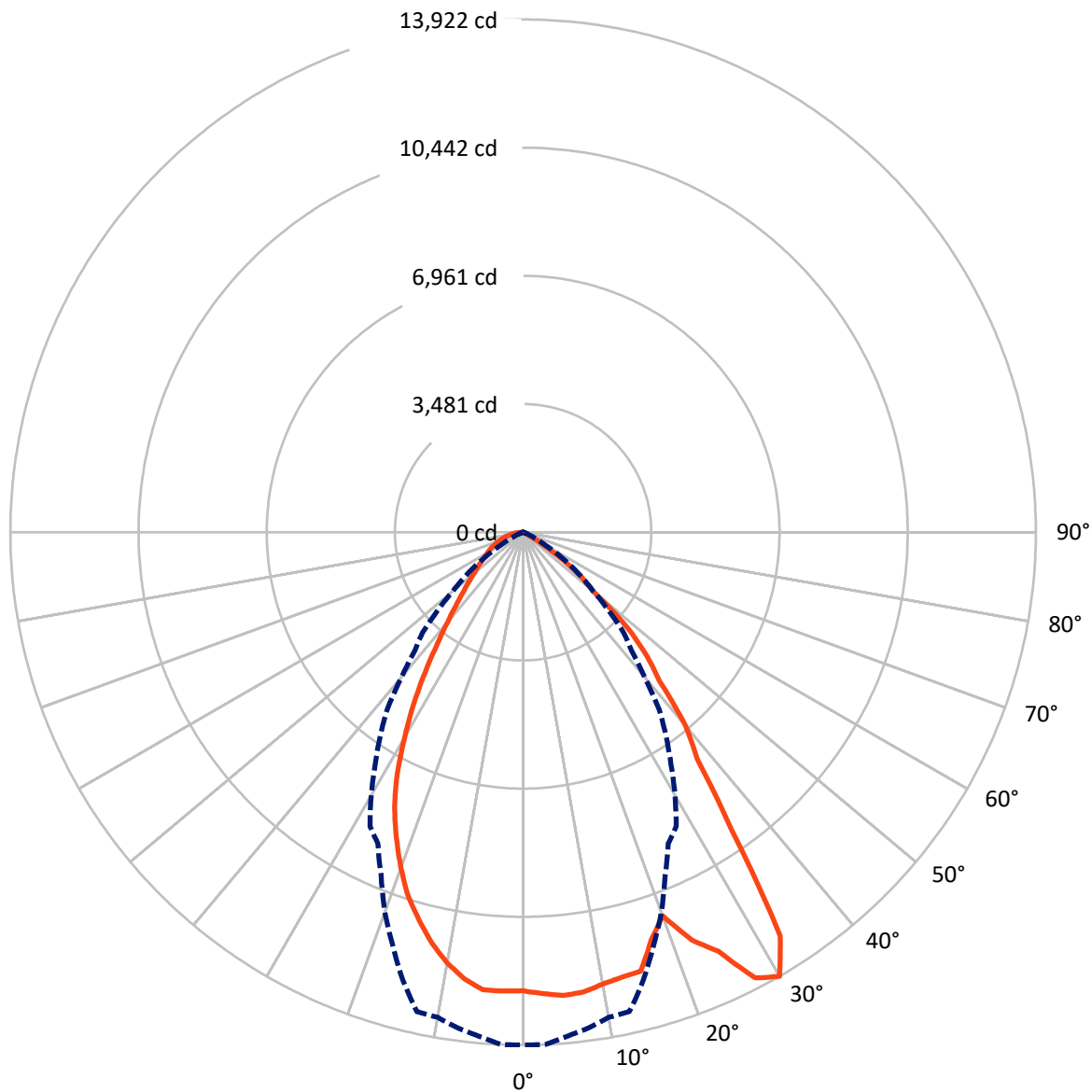
Lumen Table



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Luminous Intensity Polar Plot



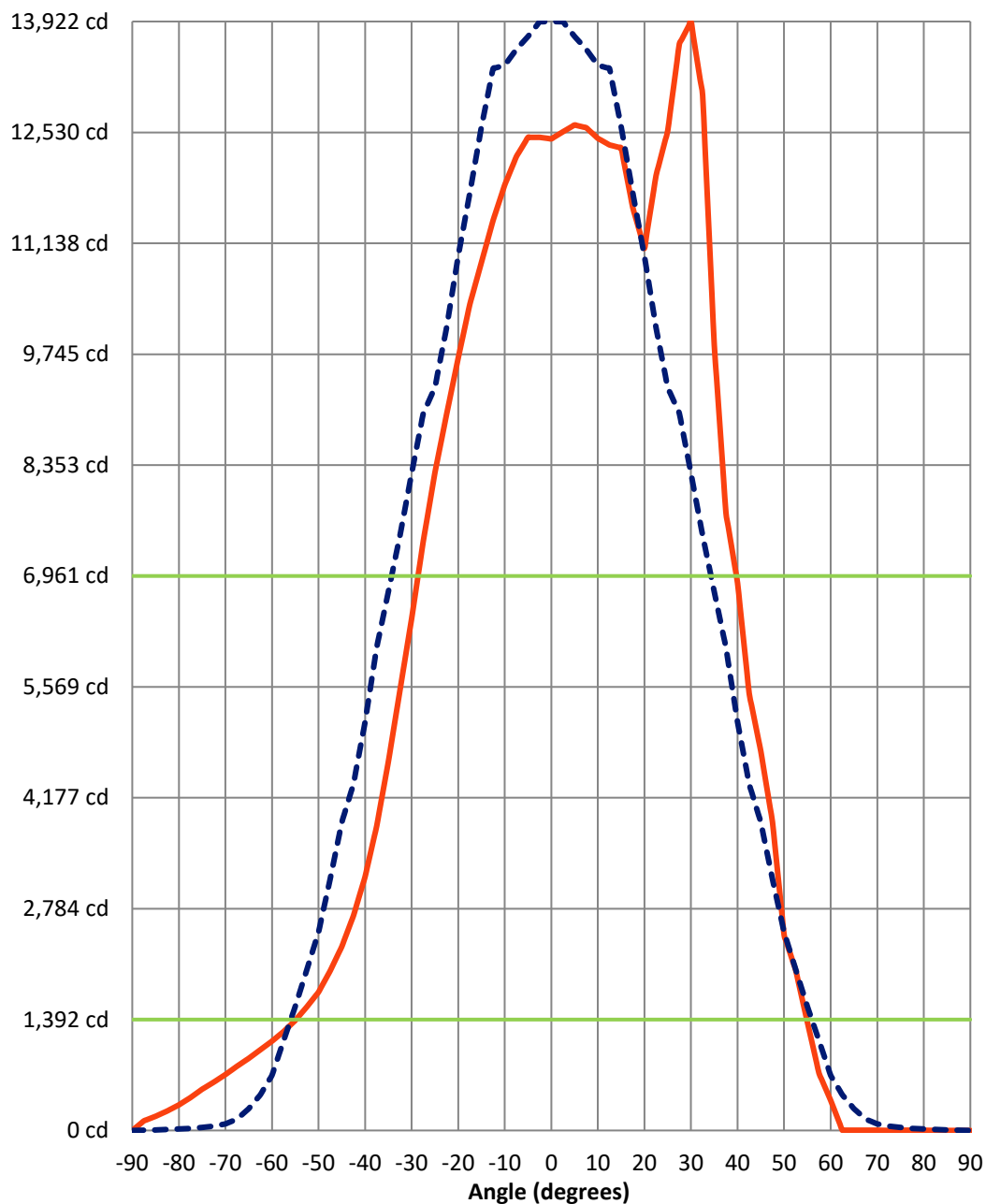
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12722.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 18801.1

Efficiency: 94.3%

Spill:

Lumens: 1141.2

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	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	3.2	6.3	6.3	6.3	6.3	6.3	6.3	9.5
82.5°	0.0	3.2	3.2	3.2	6.3	6.3	6.3	6.3	9.5	9.5	12.7
80°	3.2	3.2	3.2	3.2	6.3	6.3	6.3	9.5	9.5	12.7	12.7
77.5°	3.2	3.2	3.2	6.3	6.3	6.3	9.5	9.5	12.7	12.7	15.9
75°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	9.5	12.7	12.7	15.9
72.5°	0.0	3.2	3.2	6.3	6.3	9.5	9.5	9.5	12.7	12.7	12.7
70°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	9.5	12.7	12.7	12.7
67.5°	3.2	3.2	3.2	6.3	6.3	9.5	9.5	12.7	12.7	12.7	15.9
65°	3.2	3.2	3.2	6.3	9.5	9.5	12.7	15.9	15.9	19.0	22.2
62.5°	3.2	6.3	6.3	9.5	12.7	15.9	34.9	54.0	54.0	38.1	31.7
60°	377.8	409.6	406.4	368.3	320.7	269.9	260.3	250.8	231.8	203.2	212.7
57.5°	717.5	755.6	771.5	762.0	736.6	692.1	666.7	638.2	600.1	555.6	504.8
55°	1358.9	1374.7	1339.8	1273.1	1200.1	1127.1	1101.7	1063.6	1006.4	949.3	873.1
52.5°	2009.7	2063.7	2047.8	1981.1	1882.7	1752.5	1609.7	1498.6	1431.9	1368.4	1292.2
50°	2454.2	2476.4	2520.9	2600.2	2628.8	2539.9	2308.2	2009.7	1797.0	1904.9	1822.4
47.5°	3873.4	3984.5	3962.3	3905.1	3809.9	3568.6	3244.8	2978.1	2755.8	2682.8	2695.5
45°	4759.2	4803.6	4787.8	4762.4	4717.9	4492.5	4133.7	3724.2	3517.8	3435.2	3349.5
42.5°	5486.2	5533.9	5543.4	5546.6	5498.9	5292.6	4968.7	4559.2	4352.8	4114.7	3927.4
40°	6873.7	6943.5	6864.1	6759.4	6600.6	6365.7	6048.2	5670.4	5305.3	5013.2	4790.9
37.5°	7759.5	7845.2	7876.9	7870.6	7835.7	7734.1	7343.6	6984.8	6426.0	5772.0	5889.4
35°	9861.3	9950.1	9924.8	9829.5	9778.7	9670.8	9289.8	8864.3	8162.7	7451.5	7261.0
32.5°	12994.9	13188.6	12826.6	12429.7	12185.3	12271.0	11883.7	10842.3	10518.5	9235.8	8642.1
30°	13922.0	13918.8	13734.6	13572.7	13372.7	13331.4	12601.2	11769.4	10975.6	10077.1	9327.9
27.5°	13639.4	13582.2	13426.7	13309.2	13121.9	13023.5	12309.1	11648.7	10731.2	9927.9	9204.0
25°	12550.4	12594.8	12436.1	12413.9	12340.9	12150.4	11794.8	11051.8	10232.7	9343.7	8823.1
22.5°	11988.4	11972.6	11782.1	11670.9	11759.8	11556.7	11413.8	10664.5	9810.5	9061.2	8435.7
20°	11074.1	11077.2	11029.6	11020.1	10966.1	10874.0	10759.7	10229.5	9626.3	8985.0	8232.5
17.5°	11585.2	11715.4	11772.5	11299.5	11432.8	11328.1	11207.4	10467.7	10013.6	9445.3	8464.3
15°	12334.5	12286.9	12229.7	12204.3	12131.3	12032.9	11813.8	11223.3	10442.3	9854.9	9089.8
12.5°	12372.6	12280.5	12258.3	12255.1	12178.9	12042.4	11829.7	11340.8	10648.6	9934.3	9312.0
10°	12455.1	12359.9	12347.2	12363.1	12245.6	12159.9	11947.2	11493.2	10712.1	10070.8	9483.4
7.5°	12588.5	12429.7	12502.8	12455.1	12401.2	12264.7	12036.1	11591.6	10943.9	10251.8	9635.8
5°	12623.4	12448.8	12528.2	12483.7	12404.4	12271.0	12023.4	11655.1	11086.8	10324.8	9696.2
2.5°	12537.7	12486.9	12452.0	12369.4	12334.5	12188.5	11953.5	11559.8	11020.1	10293.0	9683.5
0°	12448.8	12493.2	12413.9	12331.3	12315.5	12198.0	11998.0	11642.4	11175.7	10381.9	9791.4
-2.5°	12467.8	12432.9	12379.0	12293.2	12210.7	12042.4	11861.4	11528.1	11026.4	10188.3	9639.0
-5°	12467.8	12305.9	12312.3	12315.5	12232.9	12058.3	11839.2	11556.7	10937.5	10185.1	9594.6
-7.5°	12226.6	12086.9	12064.6	12045.6	12023.4	11861.4	11690.0	11337.6	10788.3	10102.5	9470.7
-10°	11871.0	11734.4	11747.1	11718.6	11648.7	11540.8	11410.6	11093.1	10642.3	9842.2	9219.9
-12.5°	11426.5	11366.2	11331.2	11283.6	11213.8	11118.5	10985.2	10686.7	10204.1	9521.5	8931.0
-15°	10899.4	10855.0	10823.2	10794.7	10693.1	10594.7	10420.0	10143.8	9842.2	9108.8	8505.6
-17.5°	10372.4	10261.3	10216.8	10178.7	10112.1	9953.3	9794.6	9588.2	9165.9	8584.9	8067.4
-20°	9696.2	9629.5	9575.5	9524.7	9429.5	9305.6	9175.5	8937.4	8572.2	8102.4	7565.8



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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°	8988.2	8950.1	8905.6	8842.1	8778.6	8661.1	8480.2	8251.6	7965.8	7457.8	6956.2
-25°	8257.9	8184.9	8130.9	8070.6	8019.8	7911.9	7737.2	7518.2	7159.4	6721.3	6302.2
-27.5°	7397.5	7327.7	7299.1	7229.3	7184.8	7086.4	6911.8	6708.6	6384.7	6016.4	5591.0
-30°	6426.0	6438.7	6407.0	6340.3	6286.3	6159.3	6026.0	5854.5	5600.5	5248.1	4867.1
-32.5°	5527.5	5543.4	5505.3	5435.4	5365.6	5273.5	5149.7	4994.1	4803.6	4467.1	4136.9
-35°	4629.0	4622.7	4590.9	4549.6	4502.0	4425.8	4286.1	4168.6	3949.6	3714.6	3486.0
-37.5°	3822.6	3838.5	3828.9	3806.7	3752.7	3689.2	3574.9	3467.0	3305.1	3098.7	2920.9
-40°	3184.4	3203.5	3190.8	3168.6	3120.9	3082.8	3006.6	2911.4	2781.2	2603.4	2454.2
-42.5°	2695.5	2708.2	2692.3	2673.3	2632.0	2603.4	2543.1	2463.7	2355.8	2219.3	2085.9
-45°	2308.2	2311.3	2295.5	2282.8	2251.0	2216.1	2165.3	2101.8	2016.1	1920.8	1812.9
-47.5°	2003.4	2000.2	1984.3	1971.6	1946.2	1914.5	1873.2	1816.0	1749.4	1676.3	1590.6
-50°	1736.7	1752.5	1746.2	1733.5	1714.4	1692.2	1651.0	1590.6	1524.0	1470.0	1409.7
-52.5°	1552.5	1555.7	1552.5	1552.5	1549.4	1533.5	1485.9	1425.5	1352.5	1304.9	1254.1
-55°	1381.1	1397.0	1403.3	1409.7	1412.8	1412.8	1355.7	1292.2	1222.3	1174.7	1136.6
-57.5°	1241.4	1250.9	1257.3	1273.1	1285.8	1295.4	1244.6	1187.4	1133.4	1089.0	1054.1
-60°	1120.7	1133.4	1143.0	1158.8	1168.4	1174.7	1143.0	1104.9	1073.1	1044.5	993.7
-62.5°	1012.8	1022.3	1031.8	1041.4	1050.9	1057.2	1044.5	1025.5	1009.6	996.9	933.4
-65°	904.8	914.4	923.9	936.6	946.1	952.5	949.3	936.6	923.9	911.2	854.0
-67.5°	806.4	816.0	828.6	831.8	838.2	841.3	835.0	825.5	809.6	793.7	749.3
-70°	701.7	708.0	714.4	714.4	714.4	711.2	704.8	692.1	676.3	654.0	619.1
-72.5°	606.4	612.8	619.1	609.6	603.2	593.7	584.2	568.3	552.4	536.6	517.5
-75°	517.5	520.7	520.7	508.0	498.5	488.9	476.2	466.7	450.8	438.1	422.3
-77.5°	412.7	412.7	412.7	403.2	396.9	390.5	381.0	371.5	358.8	349.2	336.5
-80°	320.7	320.7	320.7	317.5	308.0	301.6	295.3	288.9	279.4	273.0	266.7
-82.5°	244.5	244.5	244.5	241.3	234.9	231.8	225.4	219.1	215.9	209.5	206.4
-85°	177.8	181.0	181.0	177.8	174.6	168.3	165.1	161.9	158.7	155.6	149.2
-87.5°	120.6	120.6	120.6	117.5	114.3	114.3	111.1	104.8	98.4	95.2	92.1
-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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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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	9.5	9.5	9.5	12.7	12.7	12.7	12.7	12.7	12.7	12.7	9.5
82.5°	15.9	15.9	19.0	19.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2
80°	15.9	19.0	22.2	25.4	28.6	31.7	31.7	31.7	31.7	28.6	28.6
77.5°	19.0	19.0	22.2	25.4	28.6	31.7	34.9	38.1	34.9	34.9	34.9
75°	19.0	22.2	22.2	25.4	28.6	31.7	34.9	38.1	38.1	38.1	38.1
72.5°	15.9	19.0	22.2	25.4	25.4	28.6	31.7	31.7	34.9	34.9	38.1
70°	15.9	19.0	22.2	22.2	25.4	25.4	28.6	31.7	31.7	34.9	34.9
67.5°	19.0	22.2	22.2	25.4	28.6	28.6	28.6	31.7	31.7	34.9	34.9
65°	22.2	25.4	25.4	28.6	31.7	31.7	34.9	34.9	34.9	38.1	38.1
62.5°	38.1	38.1	38.1	34.9	38.1	38.1	38.1	41.3	41.3	38.1	41.3
60°	196.8	142.9	98.4	123.8	111.1	50.8	50.8	50.8	47.6	47.6	44.4
57.5°	463.5	431.8	371.5	314.3	282.6	250.8	155.6	63.5	63.5	57.1	50.8
55°	774.7	669.9	625.5	549.3	466.7	428.6	355.6	241.3	114.3	76.2	66.7
52.5°	1200.1	1101.7	987.4	831.8	720.7	631.8	571.5	454.0	304.8	161.9	101.6
50°	1606.5	1562.1	1492.2	1339.8	1108.0	958.8	860.4	727.1	546.1	333.4	190.5
47.5°	2587.5	2216.1	1990.7	1873.2	1679.5	1397.0	1206.5	1057.2	838.2	562.0	336.5
45°	3257.5	3022.5	2663.7	2416.1	2130.4	1831.9	1584.3	1412.8	1152.5	841.3	527.0
42.5°	3832.1	3628.9	3305.1	2943.1	2641.5	2251.0	1933.5	1708.1	1489.0	1149.3	787.4
40°	4571.9	4330.6	4019.4	3667.0	3314.6	2816.1	2301.8	2028.8	1787.5	1485.9	1063.6
37.5°	5791.0	5365.6	4857.6	4467.1	4006.7	3584.5	2879.6	2397.1	2111.3	1797.0	1387.4
35°	7257.8	6791.1	5943.4	5425.9	4810.0	4181.3	3546.4	2832.0	2425.6	2092.3	1685.9
32.5°	8623.0	7940.4	6854.6	6248.2	5838.6	4679.8	4022.6	3403.5	2749.5	2339.9	1857.3
30°	9000.9	8248.4	7470.5	6762.5	6064.1	5127.5	4349.6	3867.0	3155.9	2489.1	2019.2
27.5°	8619.9	8102.4	7499.1	6841.9	6086.3	5283.0	4549.6	4089.3	3454.3	2590.7	2146.2
25°	8232.5	7692.8	7270.5	6721.3	6022.8	5273.5	4556.0	4229.0	3686.1	2787.6	2216.1
22.5°	7823.0	7486.4	7137.2	6524.4	5864.0	5302.1	4762.4	4349.6	3806.7	3009.8	2244.7
20°	7845.2	7626.1	7242.0	6422.8	5835.5	5470.4	5010.0	4502.0	3936.9	3203.5	2266.9
17.5°	8200.8	7915.0	7432.5	6721.3	6092.6	5641.8	5216.4	4711.6	4070.2	3374.9	2536.7
15°	8638.9	8204.0	7699.1	7073.7	6362.5	5829.1	5375.1	4857.6	4222.6	3533.7	2778.0
12.5°	8956.4	8337.3	7864.2	7299.1	6654.6	6032.3	5479.9	4968.7	4365.5	3663.8	2959.0
10°	9064.4	8502.4	7943.6	7438.8	6803.8	6140.3	5559.3	5038.6	4489.3	3765.4	3092.4
7.5°	9121.5	8645.3	7997.6	7502.3	6892.7	6206.9	5622.8	5076.7	4587.7	3835.3	3178.1
5°	9115.1	8721.5	8038.9	7521.3	6940.3	6235.5	5667.2	5086.2	4657.6	3895.6	3228.9
2.5°	9086.6	8772.3	8105.5	7553.1	7035.6	6289.5	5752.9	5105.2	4683.0	3962.3	3263.8
0°	9191.3	8775.4	8175.4	7562.6	7099.1	6308.5	5791.0	5089.4	4648.1	3981.3	3260.6
-2.5°	8965.9	8588.1	8159.5	7480.1	7013.4	6264.1	5721.2	5038.6	4571.9	3959.1	3247.9
-5°	8927.8	8451.6	8026.2	7403.9	6870.5	6172.0	5591.0	4943.3	4451.2	3886.1	3197.1
-7.5°	8826.2	8321.4	7896.0	7343.6	6737.1	6076.8	5467.2	4844.9	4321.0	3771.8	3124.1
-10°	8604.0	8121.4	7756.3	7213.4	6575.2	5940.2	5318.0	4714.7	4168.6	3616.2	3009.8
-12.5°	8286.5	7803.9	7442.0	6937.2	6372.0	5756.1	5140.2	4546.5	3994.0	3451.1	2873.3
-15°	7927.7	7438.8	7076.9	6616.5	6070.4	5470.4	4914.8	4333.7	3794.0	3276.5	2711.4
-17.5°	7521.3	7057.8	6708.6	6260.9	5718.0	5146.5	4594.1	4067.1	3562.2	3095.5	2524.0
-20°	7051.5	6600.6	6280.0	5832.3	5333.8	4778.2	4241.7	3743.2	3289.2	2851.1	2317.7

REPORT NUMBER: P722723

CATALOG NUMBER: IFLD-S-SA6A-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°	6470.5	6073.6	5708.5	5308.4	4873.5	4365.5	3867.0	3425.7	2990.8	2562.1	2105.0
-25°	5876.7	5492.6	5137.0	4771.9	4356.0	3917.8	3492.4	3092.4	2666.9	2279.6	1898.6
-27.5°	5216.4	4873.5	4556.0	4219.4	3838.5	3460.6	3111.4	2720.9	2352.6	2022.4	1695.4
-30°	4511.5	4232.1	3955.9	3657.5	3349.5	3032.0	2720.9	2352.6	2063.7	1800.2	1524.0
-32.5°	3835.3	3584.5	3362.2	3140.0	2873.3	2612.9	2336.7	2063.7	1822.4	1590.6	1358.9
-35°	3241.6	2974.9	2851.1	2673.3	2460.6	2225.6	2000.2	1809.7	1616.0	1406.5	1200.1
-37.5°	2727.2	2555.8	2409.8	2276.4	2108.1	1904.9	1743.0	1587.5	1425.5	1235.0	1057.2
-40°	2324.0	2200.2	2054.2	1955.7	1819.2	1673.2	1511.3	1381.1	1244.6	1089.0	942.9
-42.5°	2000.2	1898.6	1803.3	1698.6	1597.0	1473.2	1333.5	1209.6	1085.8	971.5	850.9
-45°	1733.5	1660.5	1584.3	1498.6	1409.7	1301.7	1187.4	1060.4	971.5	869.9	768.3
-47.5°	1514.4	1460.5	1397.0	1330.3	1254.1	1158.8	1054.1	962.0	869.9	784.2	685.8
-50°	1339.8	1289.0	1238.2	1181.1	1114.4	1031.8	952.5	866.7	781.0	698.5	606.4
-52.5°	1193.8	1149.3	1108.0	1060.4	996.9	927.1	854.0	777.9	698.5	615.9	542.9
-55°	1092.2	1041.4	1000.1	952.5	895.3	828.6	762.0	692.1	615.9	552.4	492.1
-57.5°	1009.6	952.5	904.8	854.0	796.9	739.8	679.4	615.9	558.8	498.5	441.3
-60°	939.8	873.1	819.1	768.3	714.4	660.4	609.6	555.6	501.6	447.7	390.5
-62.5°	866.7	796.9	730.2	682.6	641.3	593.7	549.3	498.5	450.8	396.9	355.6
-65°	784.2	717.5	654.0	612.8	574.7	533.4	492.1	447.7	406.4	365.1	327.0
-67.5°	692.1	635.0	590.5	552.4	514.3	479.4	441.3	403.2	368.3	327.0	288.9
-70°	581.0	549.3	523.9	495.3	460.4	428.6	393.7	358.8	320.7	285.7	250.8
-72.5°	495.3	476.2	457.2	428.6	396.9	368.3	339.7	308.0	276.2	244.5	215.9
-75°	406.4	390.5	374.6	355.6	330.2	308.0	282.6	254.0	228.6	206.4	184.1
-77.5°	327.0	314.3	304.8	288.9	269.9	250.8	234.9	215.9	196.8	174.6	152.4
-80°	260.3	254.0	250.8	244.5	228.6	212.7	200.0	184.1	165.1	149.2	133.3
-82.5°	203.2	203.2	200.0	196.8	184.1	171.4	161.9	149.2	136.5	123.8	107.9
-85°	149.2	146.0	146.0	142.9	133.3	127.0	117.5	111.1	101.6	88.9	82.5
-87.5°	88.9	85.7	82.5	79.4	73.0	69.8	63.5	60.3	54.0	47.6	44.4
-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-S-SA6A-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	9.5	6.3	6.3	6.3	6.3	6.3	3.2	3.2	3.2	3.2	3.2
82.5°	19.0	19.0	15.9	15.9	12.7	9.5	6.3	6.3	6.3	3.2	3.2
80°	28.6	28.6	28.6	25.4	22.2	15.9	12.7	9.5	6.3	3.2	3.2
77.5°	34.9	31.7	31.7	28.6	28.6	25.4	19.0	15.9	9.5	6.3	3.2
75°	34.9	34.9	34.9	31.7	31.7	28.6	25.4	19.0	15.9	9.5	6.3
72.5°	38.1	34.9	34.9	34.9	31.7	28.6	25.4	22.2	19.0	12.7	6.3
70°	34.9	34.9	34.9	34.9	31.7	31.7	25.4	22.2	22.2	12.7	9.5
67.5°	34.9	34.9	34.9	31.7	31.7	28.6	25.4	22.2	22.2	15.9	9.5
65°	38.1	34.9	34.9	34.9	31.7	28.6	25.4	22.2	22.2	19.0	12.7
62.5°	41.3	38.1	38.1	34.9	31.7	28.6	25.4	22.2	22.2	19.0	12.7
60°	44.4	41.3	38.1	38.1	34.9	31.7	25.4	25.4	22.2	19.0	12.7
57.5°	47.6	44.4	44.4	41.3	38.1	34.9	28.6	25.4	22.2	19.0	15.9
55°	57.1	50.8	47.6	47.6	44.4	38.1	31.7	25.4	22.2	19.0	15.9
52.5°	76.2	60.3	54.0	54.0	50.8	44.4	34.9	28.6	22.2	19.0	15.9
50°	120.6	76.2	63.5	57.1	57.1	50.8	41.3	31.7	22.2	19.0	15.9
47.5°	190.5	127.0	76.2	66.7	63.5	60.3	47.6	31.7	25.4	19.0	15.9
45°	314.3	187.3	123.8	79.4	66.7	63.5	54.0	34.9	25.4	22.2	15.9
42.5°	431.8	292.1	190.5	95.2	79.4	69.8	57.1	38.1	28.6	22.2	15.9
40°	679.4	400.0	266.7	155.6	92.1	73.0	63.5	44.4	28.6	22.2	15.9
37.5°	920.7	530.2	358.8	228.6	104.8	82.5	66.7	47.6	31.7	22.2	19.0
35°	1162.0	742.9	444.5	304.8	139.7	98.4	69.8	50.8	31.7	22.2	19.0
32.5°	1377.9	942.9	533.4	381.0	209.5	117.5	76.2	54.0	34.9	25.4	19.0
30°	1555.7	1127.1	692.1	447.7	273.0	142.9	82.5	54.0	38.1	25.4	19.0
27.5°	1689.0	1270.0	854.0	517.5	327.0	168.3	95.2	60.3	38.1	25.4	19.0
25°	1797.0	1381.1	996.9	590.5	374.6	209.5	114.3	63.5	41.3	28.6	19.0
22.5°	1882.7	1473.2	1114.4	689.0	431.8	250.8	139.7	69.8	41.3	28.6	19.0
20°	2000.2	1565.2	1193.8	793.7	492.1	288.9	161.9	76.2	41.3	28.6	22.2
17.5°	2101.8	1657.3	1257.3	882.6	552.4	317.5	187.3	82.5	44.4	28.6	22.2
15°	2219.3	1746.2	1314.4	952.5	609.6	342.9	209.5	88.9	44.4	31.7	22.2
12.5°	2346.3	1828.7	1355.7	1009.6	669.9	365.1	228.6	101.6	47.6	31.7	22.2
10°	2476.4	1898.6	1390.6	1050.9	714.4	387.3	241.3	114.3	50.8	31.7	22.2
7.5°	2606.6	1962.1	1435.1	1069.9	733.4	412.7	247.6	127.0	50.8	34.9	22.2
5°	2695.5	2003.4	1498.6	1082.6	742.9	441.3	257.2	142.9	54.0	34.9	22.2
2.5°	2771.7	2028.8	1565.2	1092.2	746.1	457.2	254.0	152.4	57.1	34.9	22.2
0°	2806.6	2028.8	1609.7	1085.8	736.6	473.1	254.0	161.9	57.1	34.9	22.2
-2.5°	2752.6	2085.9	1597.0	1089.0	739.8	473.1	266.7	165.1	63.5	38.1	22.2
-5°	2666.9	2108.1	1558.9	1073.1	733.4	473.1	282.6	168.3	66.7	38.1	25.4
-7.5°	2584.4	2117.7	1514.4	1057.2	723.9	460.4	285.7	165.1	73.0	41.3	25.4
-10°	2476.4	2012.9	1457.3	1028.7	704.8	450.8	292.1	165.1	76.2	41.3	25.4
-12.5°	2352.6	1885.9	1387.4	987.4	682.6	441.3	295.3	165.1	79.4	44.4	25.4
-15°	2209.7	1755.7	1308.1	942.9	650.9	428.6	288.9	161.9	82.5	44.4	28.6
-17.5°	2047.8	1628.7	1225.5	889.0	615.9	412.7	276.2	158.7	82.5	44.4	28.6
-20°	1863.7	1501.7	1133.4	835.0	574.7	393.7	263.5	152.4	82.5	44.4	28.6

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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°	1698.6	1384.3	1038.2	774.7	530.2	371.5	247.6	146.0	82.5	47.6	28.6
-25°	1562.1	1270.0	965.2	714.4	482.6	346.1	231.8	139.7	82.5	47.6	28.6
-27.5°	1419.2	1146.1	889.0	657.2	450.8	323.8	215.9	133.3	79.4	47.6	28.6
-30°	1273.1	1025.5	809.6	593.7	419.1	301.6	203.2	123.8	79.4	47.6	28.6
-32.5°	1139.8	927.1	736.6	530.2	384.2	279.4	190.5	120.6	76.2	47.6	28.6
-35°	1009.6	838.2	660.4	479.4	346.1	257.2	177.8	117.5	76.2	47.6	28.6
-37.5°	901.7	755.6	590.5	444.5	323.8	238.1	165.1	111.1	73.0	47.6	28.6
-40°	812.8	679.4	523.9	406.4	304.8	219.1	152.4	107.9	73.0	47.6	28.6
-42.5°	730.2	606.4	482.6	374.6	285.7	206.4	142.9	104.8	69.8	47.6	28.6
-45°	657.2	542.9	441.3	346.1	263.5	190.5	136.5	98.4	66.7	47.6	31.7
-47.5°	584.2	498.5	403.2	320.7	241.3	171.4	130.2	95.2	63.5	44.4	31.7
-50°	527.0	450.8	371.5	292.1	219.1	165.1	123.8	88.9	63.5	44.4	31.7
-52.5°	476.2	406.4	336.5	263.5	200.0	155.6	117.5	82.5	60.3	44.4	31.7
-55°	428.6	365.1	301.6	234.9	187.3	146.0	107.9	76.2	60.3	44.4	31.7
-57.5°	381.0	327.0	266.7	212.7	171.4	136.5	101.6	76.2	60.3	44.4	31.7
-60°	342.9	292.1	241.3	196.8	158.7	123.8	92.1	73.0	57.1	44.4	31.7
-62.5°	311.1	263.5	219.1	177.8	146.0	111.1	88.9	73.0	57.1	44.4	28.6
-65°	279.4	238.1	196.8	161.9	130.2	104.8	85.7	69.8	57.1	44.4	28.6
-67.5°	247.6	209.5	177.8	142.9	120.6	101.6	82.5	69.8	54.0	41.3	28.6
-70°	215.9	184.1	155.6	133.3	114.3	95.2	79.4	66.7	54.0	38.1	25.4
-72.5°	190.5	161.9	139.7	123.8	107.9	92.1	76.2	63.5	50.8	34.9	22.2
-75°	161.9	142.9	127.0	111.1	98.4	85.7	73.0	57.1	44.4	31.7	22.2
-77.5°	136.5	123.8	111.1	101.6	88.9	76.2	63.5	50.8	41.3	28.6	19.0
-80°	117.5	107.9	98.4	88.9	79.4	66.7	57.1	44.4	34.9	25.4	15.9
-82.5°	95.2	88.9	79.4	73.0	66.7	57.1	47.6	38.1	25.4	19.0	12.7
-85°	73.0	66.7	63.5	57.1	50.8	41.3	31.7	25.4	19.0	12.7	6.3
-87.5°	38.1	34.9	31.7	28.6	25.4	19.0	15.9	12.7	9.5	6.3	3.2
-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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CATALOG NUMBER: IFLD-S-SA6A-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	6.3	3.2	0.0	0.0
65°	6.3	3.2	0.0	0.0
62.5°	6.3	3.2	0.0	0.0
60°	6.3	3.2	0.0	0.0
57.5°	9.5	3.2	3.2	0.0
55°	9.5	3.2	3.2	0.0
52.5°	9.5	3.2	3.2	0.0
50°	9.5	6.3	3.2	0.0
47.5°	9.5	6.3	3.2	0.0
45°	9.5	6.3	3.2	0.0
42.5°	9.5	6.3	3.2	0.0
40°	12.7	6.3	3.2	0.0
37.5°	12.7	6.3	3.2	0.0
35°	12.7	6.3	3.2	0.0
32.5°	12.7	6.3	3.2	0.0
30°	12.7	6.3	3.2	0.0
27.5°	12.7	9.5	3.2	0.0
25°	12.7	9.5	3.2	0.0
22.5°	15.9	9.5	3.2	0.0
20°	15.9	9.5	3.2	0.0
17.5°	15.9	9.5	3.2	0.0
15°	15.9	9.5	3.2	0.0
12.5°	15.9	9.5	3.2	0.0
10°	15.9	9.5	3.2	0.0
7.5°	15.9	9.5	3.2	0.0
5°	15.9	9.5	3.2	0.0
2.5°	15.9	9.5	3.2	0.0
0°	15.9	9.5	3.2	0.0
-2.5°	15.9	9.5	3.2	0.0
-5°	15.9	9.5	3.2	0.0
-7.5°	15.9	9.5	3.2	0.0
-10°	15.9	9.5	3.2	0.0
-12.5°	19.0	9.5	3.2	0.0
-15°	19.0	9.5	3.2	0.0
-17.5°	19.0	9.5	3.2	0.0
-20°	19.0	9.5	3.2	0.0

REPORT NUMBER: P722723

CATALOG NUMBER: IFLD-S-SA6A-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.0	9.5	3.2	0.0
-25°	19.0	9.5	3.2	0.0
-27.5°	19.0	9.5	3.2	0.0
-30°	19.0	9.5	3.2	0.0
-32.5°	19.0	9.5	3.2	0.0
-35°	19.0	9.5	3.2	0.0
-37.5°	19.0	9.5	3.2	0.0
-40°	19.0	9.5	3.2	0.0
-42.5°	15.9	9.5	3.2	0.0
-45°	19.0	9.5	3.2	0.0
-47.5°	19.0	9.5	3.2	0.0
-50°	19.0	9.5	3.2	0.0
-52.5°	19.0	9.5	3.2	0.0
-55°	19.0	9.5	3.2	0.0
-57.5°	19.0	9.5	3.2	0.0
-60°	19.0	9.5	3.2	0.0
-62.5°	15.9	9.5	3.2	0.0
-65°	15.9	6.3	3.2	0.0
-67.5°	15.9	6.3	3.2	0.0
-70°	15.9	6.3	3.2	0.0
-72.5°	12.7	6.3	3.2	0.0
-75°	12.7	6.3	3.2	0.0
-77.5°	9.5	3.2	0.0	0.0
-80°	9.5	3.2	0.0	0.0
-82.5°	6.3	3.2	0.0	0.0
-85°	3.2	3.2	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)