

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: P722678

Luminaire Tested: **IFLD-L-SA7D-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722678
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

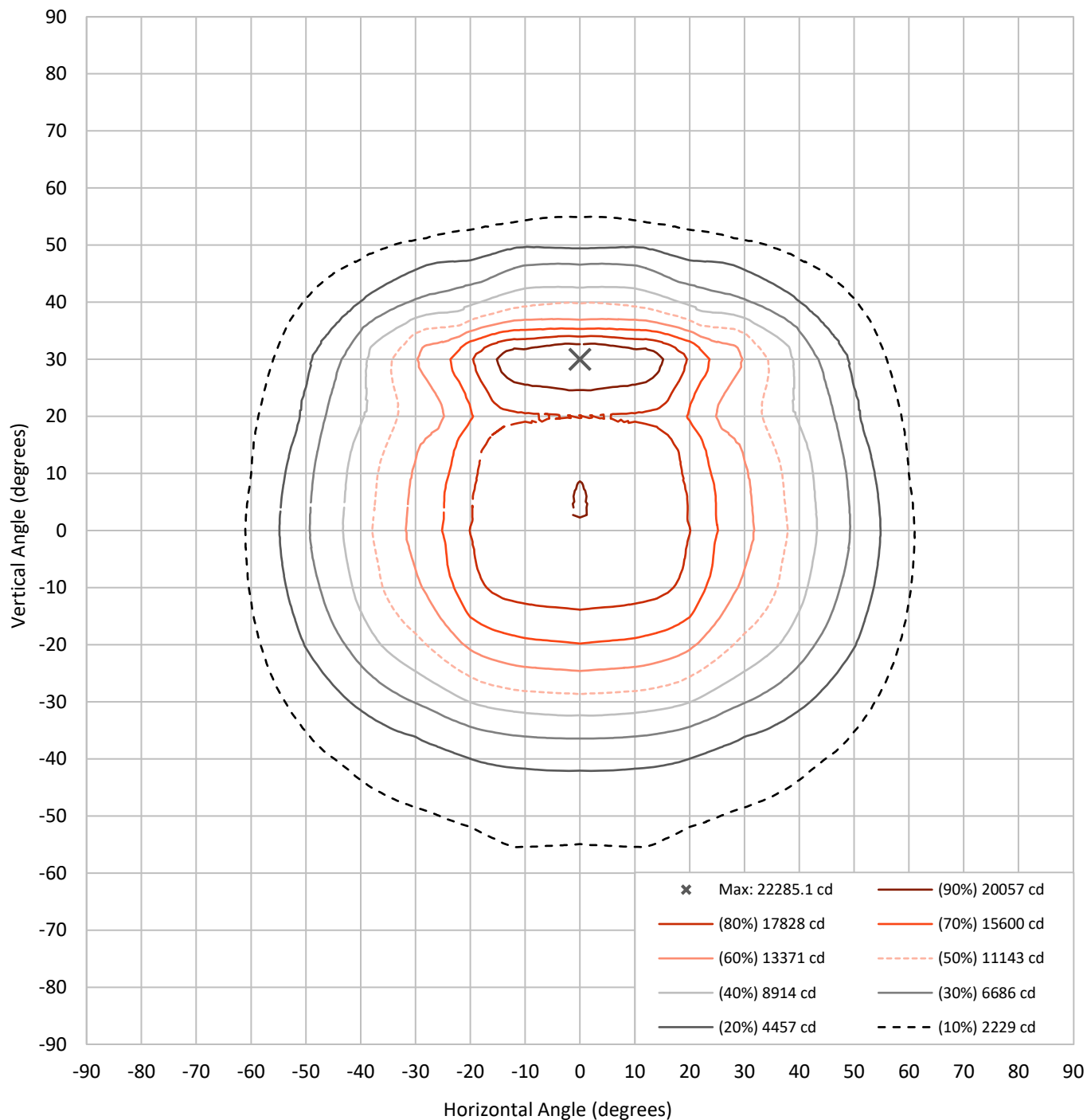
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31921.9 lumens	Max Intensity:	22285.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	75.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	20364.8 lumens	Field Lumens:	30095.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	422.6		
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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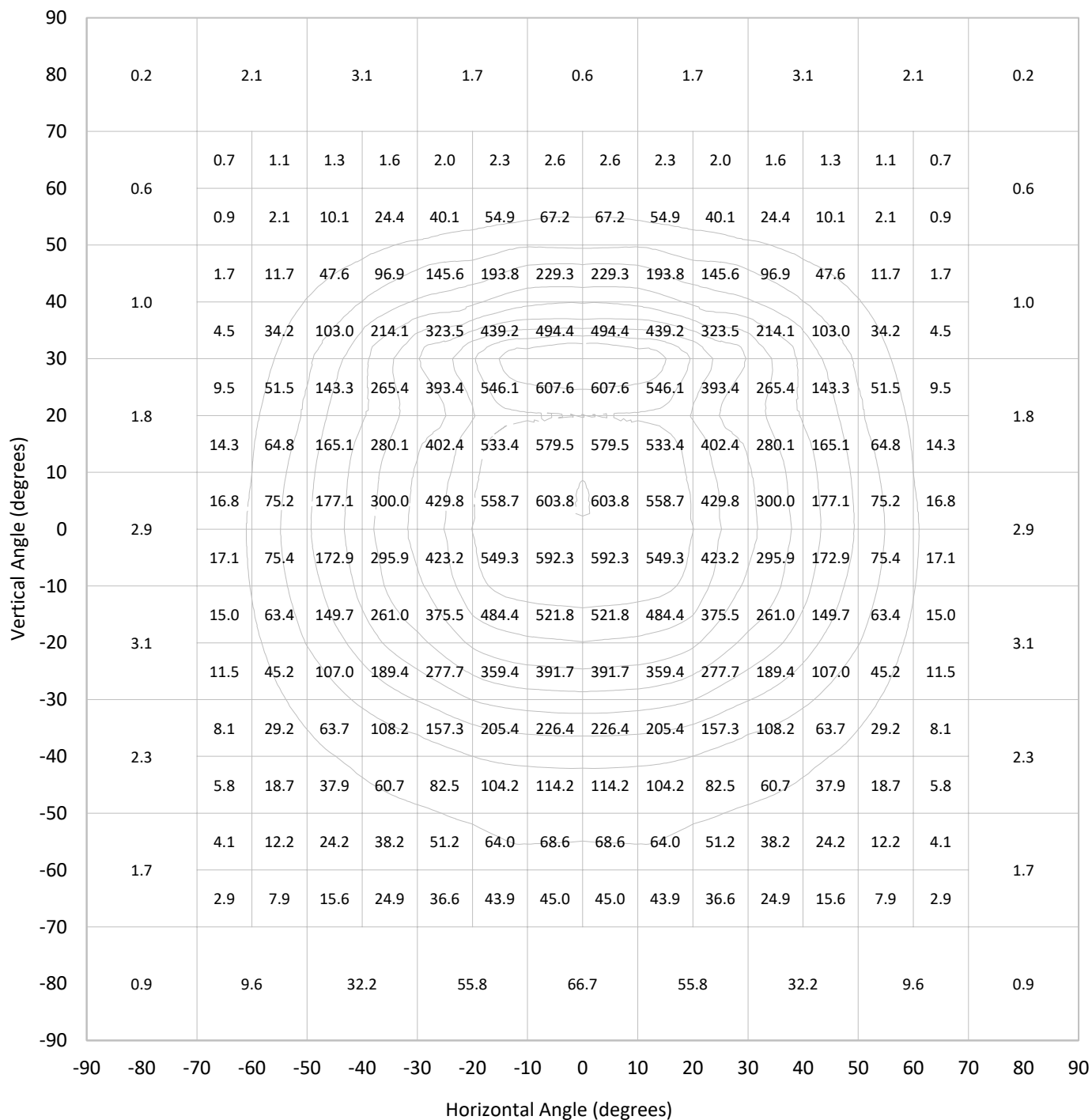
Iso-Candela Plot



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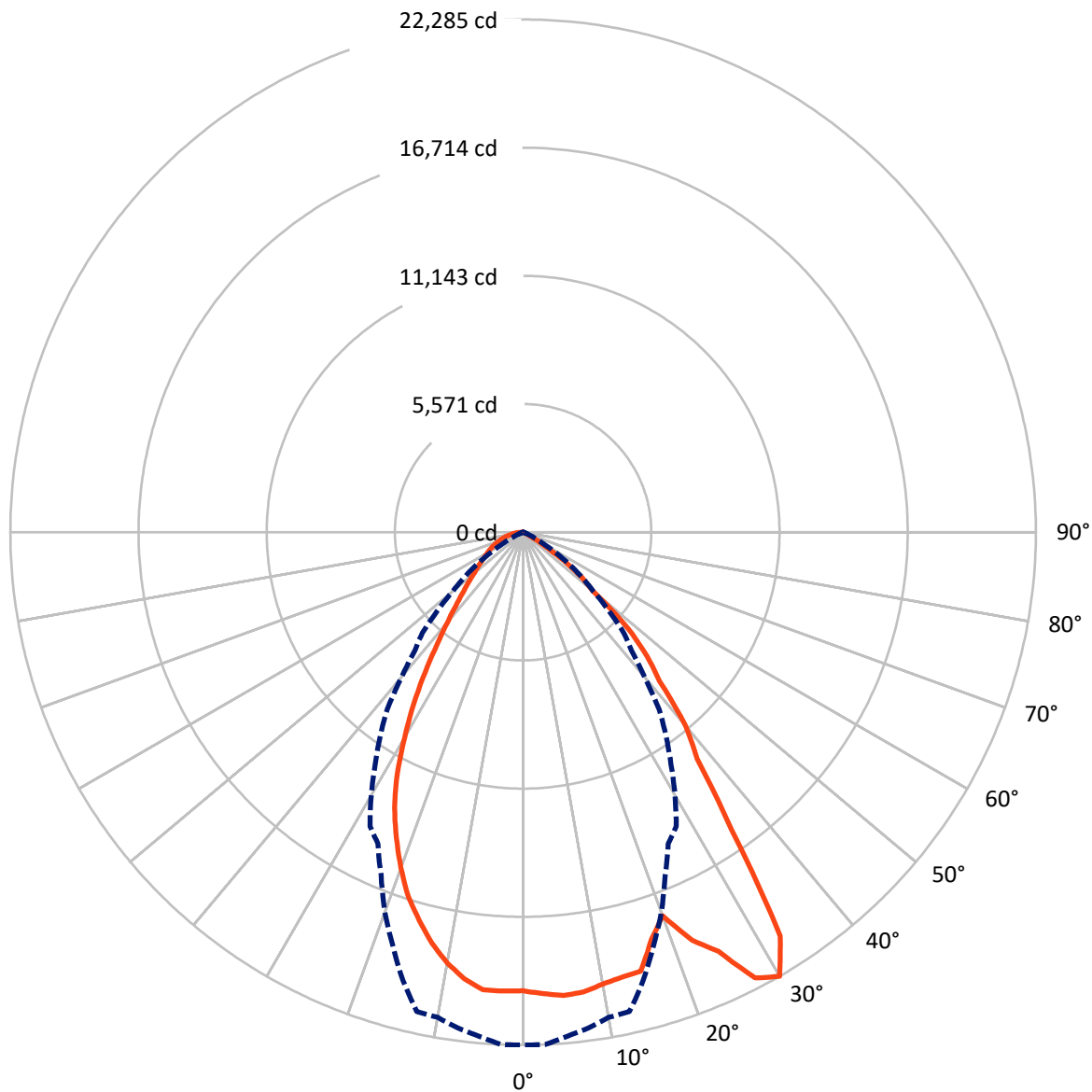
Lumen Table



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Luminous Intensity Polar Plot



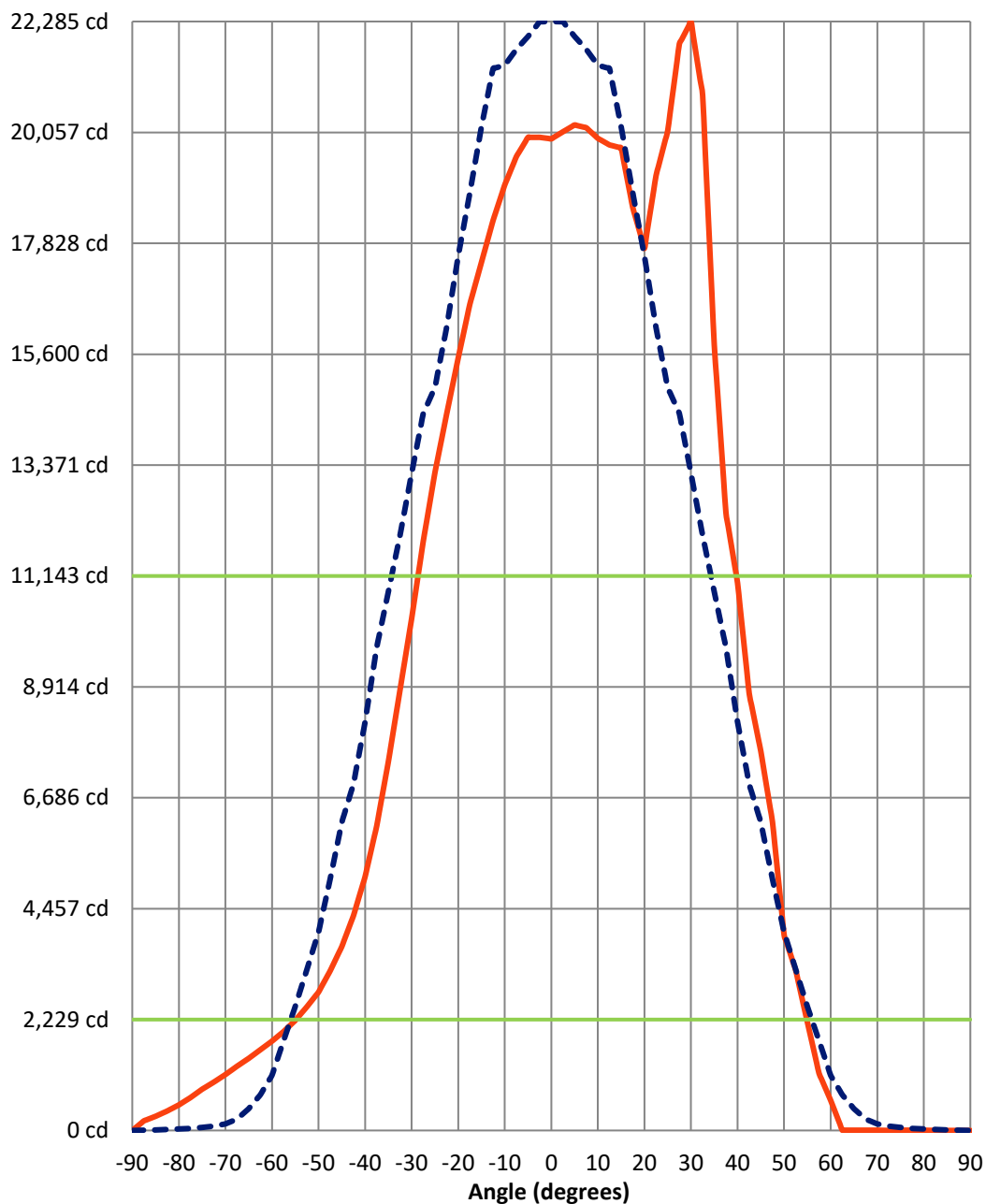
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 20364.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 30095.2

Efficiency: 94.3%

Spill:

Lumens: 1826.7

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	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	10.2	10.2	15.2
82.5°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	15.2	15.2	20.3
80°	5.1	5.1	5.1	5.1	10.2	10.2	10.2	15.2	15.2	20.3	20.3
77.5°	5.1	5.1	5.1	10.2	10.2	10.2	15.2	15.2	20.3	20.3	25.4
75°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	15.2	20.3	20.3	25.4
72.5°	0.0	5.1	5.1	10.2	10.2	15.2	15.2	15.2	20.3	20.3	20.3
70°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	15.2	20.3	20.3	20.3
67.5°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	20.3	20.3	20.3	25.4
65°	5.1	5.1	5.1	10.2	15.2	15.2	20.3	25.4	25.4	30.5	35.6
62.5°	5.1	10.2	10.2	15.2	20.3	25.4	55.9	86.4	86.4	61.0	50.8
60°	604.8	655.6	650.5	589.5	513.3	432.0	416.7	401.5	371.0	325.3	340.5
57.5°	1148.6	1209.5	1235.0	1219.7	1179.0	1107.9	1067.2	1021.5	960.5	889.4	808.1
55°	2175.1	2200.6	2144.7	2037.9	1921.0	1804.1	1763.5	1702.5	1611.0	1519.6	1397.6
52.5°	3217.0	3303.4	3278.0	3171.2	3013.7	2805.3	2576.6	2398.8	2292.0	2190.4	2068.4
50°	3928.5	3964.0	4035.2	4162.2	4208.0	4065.7	3694.7	3217.0	2876.5	3049.3	2917.1
47.5°	6200.2	6378.1	6342.5	6251.0	6098.5	5712.3	5193.9	4767.0	4411.3	4294.4	4314.7
45°	7618.1	7689.2	7663.8	7623.2	7552.0	7191.2	6616.9	5961.3	5631.0	5498.8	5361.6
42.5°	8781.9	8858.1	8873.4	8878.4	8802.2	8471.9	7953.5	7297.9	6967.6	6586.4	6286.6
40°	11002.8	11114.6	10987.5	10819.8	10565.7	10189.6	9681.4	9076.7	8492.2	8024.7	7668.9
37.5°	12420.7	12557.9	12608.7	12598.6	12542.7	12380.0	11754.9	11180.6	10286.2	9239.3	9427.3
35°	15785.0	15927.3	15886.7	15734.2	15652.9	15480.1	14870.3	14189.3	13066.1	11927.7	11622.8
32.5°	20801.1	21111.1	20531.7	19896.5	19505.1	19642.4	19022.3	17355.4	16837.0	14783.9	13833.5
30°	22285.1	22280.0	21985.2	21726.0	21405.9	21339.8	20170.9	18839.4	17568.9	16130.6	14931.2
27.5°	21832.8	21741.3	21492.3	21304.2	21004.4	20846.8	19703.3	18646.3	17177.5	15891.8	14733.0
25°	20089.6	20160.7	19906.6	19871.1	19754.2	19449.2	18880.0	17690.8	16379.6	14956.7	14123.2
22.5°	19190.1	19164.6	18859.7	18681.8	18824.1	18498.9	18270.2	17070.8	15703.7	14504.3	13503.2
20°	17726.4	17731.5	17655.3	17640.0	17553.6	17406.2	17223.3	16374.6	15409.0	14382.4	13177.9
17.5°	18544.6	18753.0	18844.5	18087.2	18300.7	18133.0	17939.9	16755.7	16029.0	15119.3	13548.9
15°	19744.0	19667.8	19576.3	19535.6	19418.7	19261.2	18910.5	17965.3	16715.1	15774.9	14550.1
12.5°	19805.0	19657.6	19622.0	19617.0	19495.0	19276.5	18935.9	18153.3	17045.4	15901.9	14905.8
10°	19937.1	19784.7	19764.3	19789.7	19601.7	19464.5	19124.0	18397.2	17147.0	16120.5	15180.3
7.5°	20150.6	19896.5	20013.4	19937.1	19850.7	19632.2	19266.3	18554.8	17518.0	16410.1	15424.2
5°	20206.5	19927.0	20054.0	19982.9	19855.8	19642.4	19246.0	18656.4	17746.7	16527.0	15520.8
2.5°	20069.3	19987.9	19932.0	19799.9	19744.0	19510.2	19134.2	18504.0	17640.0	16476.2	15500.4
0°	19927.0	19998.1	19871.1	19738.9	19713.5	19525.5	19205.3	18636.1	17889.0	16618.5	15673.2
-2.5°	19957.5	19901.5	19815.2	19677.9	19545.8	19276.5	18986.8	18453.1	17650.2	16308.5	15429.3
-5°	19957.5	19698.3	19708.4	19713.5	19581.4	19301.9	18951.2	18498.9	17507.9	16303.4	15358.1
-7.5°	19571.2	19347.6	19312.0	19281.5	19246.0	18986.8	18712.3	18148.2	17269.0	16171.3	15159.9
-10°	19002.0	18783.5	18803.8	18758.1	18646.3	18473.5	18265.1	17756.9	17035.2	15754.5	14758.5
-12.5°	18290.5	18194.0	18138.1	18061.8	17950.0	17797.6	17584.1	17106.4	16333.9	15241.3	14296.0
-15°	17446.9	17375.7	17324.9	17279.2	17116.6	16959.0	16679.5	16237.3	15754.5	14580.6	13615.0
-17.5°	16603.3	16425.4	16354.2	16293.3	16186.5	15932.4	15678.3	15348.0	14672.1	13742.0	12913.6
-20°	15520.8	15414.0	15327.6	15246.3	15093.9	14895.7	14687.3	14306.1	13721.7	12969.5	12110.7

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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°	14387.5	14326.5	14255.3	14153.7	14052.0	13864.0	13574.3	13208.4	12751.0	11937.9	11134.9
-25°	13218.6	13101.7	13015.3	12918.7	12837.4	12664.6	12385.1	12034.4	11460.2	10758.8	10088.0
-27.5°	11841.3	11729.5	11683.8	11572.0	11500.8	11343.3	11063.8	10738.5	10220.1	9630.6	8949.6
-30°	10286.2	10306.5	10255.7	10149.0	10062.6	9859.3	9645.8	9371.4	8964.8	8400.7	7790.9
-32.5°	8848.0	8873.4	8812.4	8700.6	8588.8	8441.4	8243.2	7994.2	7689.2	7150.5	6622.0
-35°	7409.7	7399.6	7348.7	7282.7	7206.4	7084.5	6860.9	6672.8	6322.1	5946.1	5580.2
-37.5°	6118.9	6144.3	6129.0	6093.5	6007.1	5905.4	5722.5	5549.7	5290.5	4960.1	4675.5
-40°	5097.4	5127.9	5107.5	5071.9	4995.7	4934.7	4812.8	4660.3	4451.9	4167.3	3928.5
-42.5°	4314.7	4335.0	4309.6	4279.1	4213.1	4167.3	4070.8	3943.7	3770.9	3552.4	3338.9
-45°	3694.7	3699.8	3674.4	3654.0	3603.2	3547.3	3466.0	3364.4	3227.1	3074.7	2901.9
-47.5°	3206.8	3201.7	3176.3	3156.0	3115.3	3064.5	2998.4	2907.0	2800.2	2683.4	2546.1
-50°	2779.9	2805.3	2795.2	2774.8	2744.3	2708.8	2642.7	2546.1	2439.4	2353.0	2256.5
-52.5°	2485.2	2490.2	2485.2	2485.2	2480.1	2454.7	2378.4	2281.9	2165.0	2088.7	2007.4
-55°	2210.7	2236.1	2246.3	2256.5	2261.5	2261.5	2170.1	2068.4	1956.6	1880.4	1819.4
-57.5°	1987.1	2002.4	2012.5	2037.9	2058.3	2073.5	1992.2	1900.7	1814.3	1743.2	1687.3
-60°	1794.0	1814.3	1829.6	1855.0	1870.2	1880.4	1829.6	1768.6	1717.8	1672.0	1590.7
-62.5°	1621.2	1636.4	1651.7	1666.9	1682.2	1692.3	1672.0	1641.5	1616.1	1595.8	1494.1
-65°	1448.4	1463.6	1478.9	1499.2	1514.5	1524.6	1519.6	1499.2	1478.9	1458.6	1367.1
-67.5°	1290.9	1306.1	1326.4	1331.5	1341.7	1346.8	1336.6	1321.3	1295.9	1270.5	1199.4
-70°	1123.1	1133.3	1143.5	1143.5	1143.5	1138.4	1128.2	1107.9	1082.5	1046.9	991.0
-72.5°	970.7	980.8	991.0	975.8	965.6	950.4	935.1	909.7	884.3	858.9	828.4
-75°	828.4	833.5	833.5	813.1	797.9	782.6	762.3	747.1	721.7	701.3	675.9
-77.5°	660.7	660.7	660.7	645.4	635.3	625.1	609.9	594.6	574.3	559.0	538.7
-80°	513.3	513.3	513.3	508.2	493.0	482.8	472.6	462.5	447.2	437.1	426.9
-82.5°	391.3	391.3	391.3	386.2	376.1	371.0	360.8	350.7	345.6	335.4	330.3
-85°	284.6	289.7	289.7	284.6	279.5	269.4	264.3	259.2	254.1	249.0	238.9
-87.5°	193.1	193.1	193.1	188.0	183.0	183.0	177.9	167.7	157.5	152.5	147.4
-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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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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	15.2	15.2	15.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	15.2
82.5°	25.4	25.4	30.5	30.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6
80°	25.4	30.5	35.6	40.7	45.7	50.8	50.8	50.8	50.8	45.7	45.7
77.5°	30.5	30.5	35.6	40.7	45.7	50.8	55.9	61.0	55.9	55.9	55.9
75°	30.5	35.6	35.6	40.7	45.7	50.8	55.9	61.0	61.0	61.0	61.0
72.5°	25.4	30.5	35.6	40.7	40.7	45.7	50.8	50.8	55.9	55.9	61.0
70°	25.4	30.5	35.6	35.6	40.7	40.7	45.7	50.8	50.8	55.9	55.9
67.5°	30.5	35.6	35.6	40.7	45.7	45.7	45.7	50.8	50.8	55.9	55.9
65°	35.6	40.7	40.7	45.7	50.8	50.8	55.9	55.9	55.9	61.0	61.0
62.5°	61.0	61.0	61.0	55.9	61.0	61.0	61.0	66.1	66.1	61.0	66.1
60°	315.1	228.7	157.5	198.2	177.9	81.3	81.3	81.3	76.2	76.2	71.1
57.5°	742.0	691.2	594.6	503.1	452.3	401.5	249.0	101.6	101.6	91.5	81.3
55°	1240.0	1072.3	1001.2	879.2	747.1	686.1	569.2	386.2	183.0	122.0	106.7
52.5°	1921.0	1763.5	1580.5	1331.5	1153.6	1011.3	914.8	726.7	487.9	259.2	162.6
50°	2571.5	2500.4	2388.6	2144.7	1773.7	1534.8	1377.3	1163.8	874.1	533.6	304.9
47.5°	4141.9	3547.3	3186.5	2998.4	2688.4	2236.1	1931.2	1692.3	1341.7	899.5	538.7
45°	5214.2	4838.2	4263.9	3867.5	3410.1	2932.4	2536.0	2261.5	1844.8	1346.8	843.6
42.5°	6134.1	5808.9	5290.5	4711.1	4228.3	3603.2	3095.0	2734.2	2383.5	1839.7	1260.4
40°	7318.2	6932.0	6434.0	5869.8	5305.7	4507.8	3684.5	3247.5	2861.2	2378.4	1702.5
37.5°	9269.8	8588.8	7775.6	7150.5	6413.6	5737.7	4609.5	3837.0	3379.6	2876.5	2220.9
35°	11617.7	10870.6	9513.7	8685.3	7699.4	6693.1	5676.7	4533.2	3882.7	3349.1	2698.6
32.5°	13803.0	12710.4	10972.3	10001.6	9346.0	7491.0	6439.0	5448.0	4401.1	3745.5	2973.0
30°	14407.8	13203.3	11958.2	10824.9	9706.8	8207.6	6962.5	6190.0	5051.6	3984.4	3232.2
27.5°	13797.9	12969.5	12003.9	10952.0	9742.4	8456.6	7282.7	6545.8	5529.3	4147.0	3435.5
25°	13177.9	12314.0	11638.0	10758.8	9640.8	8441.4	7292.8	6769.4	5900.3	4462.1	3547.3
22.5°	12522.3	11983.6	11424.6	10443.7	9386.7	8487.1	7623.2	6962.5	6093.5	4817.8	3593.1
20°	12557.9	12207.2	11592.3	10281.1	9340.9	8756.5	8019.6	7206.4	6301.8	5127.9	3628.6
17.5°	13127.1	12669.7	11897.2	10758.8	9752.6	9030.9	8349.9	7541.9	6515.3	5402.3	4060.6
15°	13828.4	13132.2	12324.1	11322.9	10184.6	9330.8	8604.0	7775.6	6759.2	5656.4	4446.8
12.5°	14336.6	13345.6	12588.4	11683.8	10652.1	9656.0	8771.7	7953.5	6987.9	5864.8	4736.5
10°	14509.4	13609.9	12715.4	11907.4	10891.0	9828.8	8898.8	8065.3	7186.1	6027.4	4950.0
7.5°	14600.9	13838.6	12801.8	12009.0	11033.3	9935.5	9000.4	8126.3	7343.7	6139.2	5087.2
5°	14590.7	13960.6	12867.9	12039.5	11109.5	9981.3	9071.6	8141.5	7455.5	6235.8	5168.5
2.5°	14545.0	14041.9	12974.6	12090.3	11262.0	10067.7	9208.8	8172.0	7496.1	6342.5	5224.4
0°	14712.7	14047.0	13086.4	12105.6	11363.6	10098.2	9269.8	8146.6	7440.2	6373.0	5219.3
-2.5°	14351.9	13747.1	13061.0	11973.5	11226.4	10027.0	9158.0	8065.3	7318.2	6337.4	5199.0
-5°	14290.9	13528.6	12847.6	11851.5	10997.7	9879.6	8949.6	7912.8	7125.1	6220.5	5117.7
-7.5°	14128.3	13320.2	12639.2	11754.9	10784.2	9727.2	8751.4	7755.3	6916.8	6037.5	5000.8
-10°	13772.5	13000.0	12415.6	11546.6	10525.1	9508.6	8512.5	7546.9	6672.8	5788.5	4817.8
-12.5°	13264.3	12491.8	11912.5	11104.4	10199.8	9213.9	8227.9	7277.6	6393.3	5524.3	4599.3
-15°	12690.0	11907.4	11328.0	10591.1	9717.0	8756.5	7867.1	6937.1	6073.1	5244.7	4340.1
-17.5°	12039.5	11297.5	10738.5	10021.9	9152.9	8238.1	7353.8	6510.2	5702.1	4955.1	4040.3
-20°	11287.4	10565.7	10052.4	9335.8	8537.9	7648.6	6789.7	5991.8	5265.1	4563.7	3709.9

REPORT NUMBER: P722678

CATALOG NUMBER: IFLD-L-SA7D-930-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°	10357.3	9722.1	9137.6	8497.3	7801.0	6987.9	6190.0	5483.6	4787.3	4101.3	3369.4
-25°	9407.0	8792.1	8222.9	7638.4	6972.7	6271.3	5590.3	4950.0	4269.0	3649.0	3039.1
-27.5°	8349.9	7801.0	7292.8	6754.1	6144.3	5539.5	4980.5	4355.4	3765.8	3237.3	2713.8
-30°	7221.7	6774.5	6332.3	5854.6	5361.6	4853.4	4355.4	3765.8	3303.4	2881.6	2439.4
-32.5°	6139.2	5737.7	5382.0	5026.2	4599.3	4182.6	3740.4	3303.4	2917.1	2546.1	2175.1
-35°	5188.8	4761.9	4563.7	4279.1	3938.6	3562.6	3201.7	2896.8	2586.8	2251.4	1921.0
-37.5°	4365.5	4091.1	3857.3	3643.9	3374.5	3049.3	2790.1	2541.1	2281.9	1976.9	1692.3
-40°	3720.1	3521.9	3288.1	3130.6	2912.1	2678.3	2419.1	2210.7	1992.2	1743.2	1509.4
-42.5°	3201.7	3039.1	2886.6	2718.9	2556.3	2358.1	2134.5	1936.3	1738.1	1555.1	1362.0
-45°	2774.8	2657.9	2536.0	2398.8	2256.5	2083.7	1900.7	1697.4	1555.1	1392.5	1229.9
-47.5°	2424.2	2337.8	2236.1	2129.4	2007.4	1855.0	1687.3	1539.9	1392.5	1255.3	1097.7
-50°	2144.7	2063.3	1982.0	1890.5	1783.8	1651.7	1524.6	1387.4	1250.2	1118.1	970.7
-52.5°	1910.9	1839.7	1773.7	1697.4	1595.8	1484.0	1367.1	1245.1	1118.1	985.9	869.0
-55°	1748.2	1666.9	1600.9	1524.6	1433.2	1326.4	1219.7	1107.9	985.9	884.3	787.7
-57.5°	1616.1	1524.6	1448.4	1367.1	1275.6	1184.1	1087.6	985.9	894.5	797.9	706.4
-60°	1504.3	1397.6	1311.2	1229.9	1143.5	1057.1	975.8	889.4	803.0	716.6	625.1
-62.5°	1387.4	1275.6	1168.9	1092.7	1026.6	950.4	879.2	797.9	721.7	635.3	569.2
-65°	1255.3	1148.6	1046.9	980.8	919.9	853.8	787.7	716.6	650.5	584.4	523.5
-67.5°	1107.9	1016.4	945.3	884.3	823.3	767.4	706.4	645.4	589.5	523.5	462.5
-70°	930.0	879.2	838.5	792.8	736.9	686.1	630.2	574.3	513.3	457.4	401.5
-72.5°	792.8	762.3	731.8	686.1	635.3	589.5	543.8	493.0	442.1	391.3	345.6
-75°	650.5	625.1	599.7	569.2	528.5	493.0	452.3	406.6	365.9	330.3	294.8
-77.5°	523.5	503.1	487.9	462.5	432.0	401.5	376.1	345.6	315.1	279.5	243.9
-80°	416.7	406.6	401.5	391.3	365.9	340.5	320.2	294.8	264.3	238.9	213.4
-82.5°	325.3	325.3	320.2	315.1	294.8	274.4	259.2	238.9	218.5	198.2	172.8
-85°	238.9	233.8	233.8	228.7	213.4	203.3	188.0	177.9	162.6	142.3	132.1
-87.5°	142.3	137.2	132.1	127.1	116.9	111.8	101.6	96.6	86.4	76.2	71.1
-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-SA7D-930-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°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	0.0	0.0
85°	15.2	10.2	10.2	10.2	10.2	10.2	5.1	5.1	5.1	5.1	5.1
82.5°	30.5	30.5	25.4	25.4	20.3	15.2	10.2	10.2	10.2	5.1	5.1
80°	45.7	45.7	45.7	40.7	35.6	25.4	20.3	15.2	10.2	5.1	5.1
77.5°	55.9	50.8	50.8	45.7	45.7	40.7	30.5	25.4	15.2	10.2	5.1
75°	55.9	55.9	55.9	50.8	50.8	45.7	40.7	30.5	25.4	15.2	10.2
72.5°	61.0	55.9	55.9	55.9	50.8	45.7	40.7	35.6	30.5	20.3	10.2
70°	55.9	55.9	55.9	55.9	50.8	50.8	40.7	35.6	35.6	20.3	15.2
67.5°	55.9	55.9	55.9	50.8	50.8	45.7	40.7	35.6	35.6	25.4	15.2
65°	61.0	55.9	55.9	55.9	50.8	45.7	40.7	35.6	35.6	30.5	20.3
62.5°	66.1	61.0	61.0	55.9	50.8	45.7	40.7	35.6	35.6	30.5	20.3
60°	71.1	66.1	61.0	61.0	55.9	50.8	40.7	40.7	35.6	30.5	20.3
57.5°	76.2	71.1	71.1	66.1	61.0	55.9	45.7	40.7	35.6	30.5	25.4
55°	91.5	81.3	76.2	76.2	71.1	61.0	50.8	40.7	35.6	30.5	25.4
52.5°	122.0	96.6	86.4	86.4	81.3	71.1	55.9	45.7	35.6	30.5	25.4
50°	193.1	122.0	101.6	91.5	91.5	81.3	66.1	50.8	35.6	30.5	25.4
47.5°	304.9	203.3	122.0	106.7	101.6	96.6	76.2	50.8	40.7	30.5	25.4
45°	503.1	299.8	198.2	127.1	106.7	101.6	86.4	55.9	40.7	35.6	25.4
42.5°	691.2	467.6	304.9	152.5	127.1	111.8	91.5	61.0	45.7	35.6	25.4
40°	1087.6	640.3	426.9	249.0	147.4	116.9	101.6	71.1	45.7	35.6	25.4
37.5°	1473.8	848.7	574.3	365.9	167.7	132.1	106.7	76.2	50.8	35.6	30.5
35°	1860.1	1189.2	711.5	487.9	223.6	157.5	111.8	81.3	50.8	35.6	30.5
32.5°	2205.6	1509.4	853.8	609.9	335.4	188.0	122.0	86.4	55.9	40.7	30.5
30°	2490.2	1804.1	1107.9	716.6	437.1	228.7	132.1	86.4	61.0	40.7	30.5
27.5°	2703.7	2032.8	1367.1	828.4	523.5	269.4	152.5	96.6	61.0	40.7	30.5
25°	2876.5	2210.7	1595.8	945.3	599.7	335.4	183.0	101.6	66.1	45.7	30.5
22.5°	3013.7	2358.1	1783.8	1102.8	691.2	401.5	223.6	111.8	66.1	45.7	30.5
20°	3201.7	2505.5	1910.9	1270.5	787.7	462.5	259.2	122.0	66.1	45.7	35.6
17.5°	3364.4	2652.9	2012.5	1412.8	884.3	508.2	299.8	132.1	71.1	45.7	35.6
15°	3552.4	2795.2	2104.0	1524.6	975.8	548.9	335.4	142.3	71.1	50.8	35.6
12.5°	3755.7	2927.3	2170.1	1616.1	1072.3	584.4	365.9	162.6	76.2	50.8	35.6
10°	3964.0	3039.1	2226.0	1682.2	1143.5	620.0	386.2	183.0	81.3	50.8	35.6
7.5°	4172.4	3140.7	2297.1	1712.7	1174.0	660.7	396.4	203.3	81.3	55.9	35.6
5°	4314.7	3206.8	2398.8	1733.0	1189.2	706.4	411.7	228.7	86.4	55.9	35.6
2.5°	4436.7	3247.5	2505.5	1748.2	1194.3	731.8	406.6	243.9	91.5	55.9	35.6
0°	4492.6	3247.5	2576.6	1738.1	1179.0	757.2	406.6	259.2	91.5	55.9	35.6
-2.5°	4406.2	3338.9	2556.3	1743.2	1184.1	757.2	426.9	264.3	101.6	61.0	35.6
-5°	4269.0	3374.5	2495.3	1717.8	1174.0	757.2	452.3	269.4	106.7	61.0	40.7
-7.5°	4136.8	3389.8	2424.2	1692.3	1158.7	736.9	457.4	264.3	116.9	66.1	40.7
-10°	3964.0	3222.1	2332.7	1646.6	1128.2	721.7	467.6	264.3	122.0	66.1	40.7
-12.5°	3765.8	3018.8	2220.9	1580.5	1092.7	706.4	472.6	264.3	127.1	71.1	40.7
-15°	3537.1	2810.4	2093.8	1509.4	1041.8	686.1	462.5	259.2	132.1	71.1	45.7
-17.5°	3278.0	2607.1	1961.7	1423.0	985.9	660.7	442.1	254.1	132.1	71.1	45.7
-20°	2983.2	2403.8	1814.3	1336.6	919.9	630.2	421.8	243.9	132.1	71.1	45.7



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CATALOG NUMBER: IFLD-L-SA7D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2718.9	2215.8	1661.9	1240.0	848.7	594.6	396.4	233.8	132.1	76.2	45.7
-25°	2500.4	2032.8	1545.0	1143.5	772.5	554.0	371.0	223.6	132.1	76.2	45.7
-27.5°	2271.7	1834.6	1423.0	1052.0	721.7	518.4	345.6	213.4	127.1	76.2	45.7
-30°	2037.9	1641.5	1295.9	950.4	670.8	482.8	325.3	198.2	127.1	76.2	45.7
-32.5°	1824.5	1484.0	1179.0	848.7	614.9	447.2	304.9	193.1	122.0	76.2	45.7
-35°	1616.1	1341.7	1057.1	767.4	554.0	411.7	284.6	188.0	122.0	76.2	45.7
-37.5°	1443.3	1209.5	945.3	711.5	518.4	381.2	264.3	177.9	116.9	76.2	45.7
-40°	1301.0	1087.6	838.5	650.5	487.9	350.7	243.9	172.8	116.9	76.2	45.7
-42.5°	1168.9	970.7	772.5	599.7	457.4	330.3	228.7	167.7	111.8	76.2	45.7
-45°	1052.0	869.0	706.4	554.0	421.8	304.9	218.5	157.5	106.7	76.2	50.8
-47.5°	935.1	797.9	645.4	513.3	386.2	274.4	208.4	152.5	101.6	71.1	50.8
-50°	843.6	721.7	594.6	467.6	350.7	264.3	198.2	142.3	101.6	71.1	50.8
-52.5°	762.3	650.5	538.7	421.8	320.2	249.0	188.0	132.1	96.6	71.1	50.8
-55°	686.1	584.4	482.8	376.1	299.8	233.8	172.8	122.0	96.6	71.1	50.8
-57.5°	609.9	523.5	426.9	340.5	274.4	218.5	162.6	122.0	96.6	71.1	50.8
-60°	548.9	467.6	386.2	315.1	254.1	198.2	147.4	116.9	91.5	71.1	50.8
-62.5°	498.0	421.8	350.7	284.6	233.8	177.9	142.3	116.9	91.5	71.1	45.7
-65°	447.2	381.2	315.1	259.2	208.4	167.7	137.2	111.8	91.5	71.1	45.7
-67.5°	396.4	335.4	284.6	228.7	193.1	162.6	132.1	111.8	86.4	66.1	45.7
-70°	345.6	294.8	249.0	213.4	183.0	152.5	127.1	106.7	86.4	61.0	40.7
-72.5°	304.9	259.2	223.6	198.2	172.8	147.4	122.0	101.6	81.3	55.9	35.6
-75°	259.2	228.7	203.3	177.9	157.5	137.2	116.9	91.5	71.1	50.8	35.6
-77.5°	218.5	198.2	177.9	162.6	142.3	122.0	101.6	81.3	66.1	45.7	30.5
-80°	188.0	172.8	157.5	142.3	127.1	106.7	91.5	71.1	55.9	40.7	25.4
-82.5°	152.5	142.3	127.1	116.9	106.7	91.5	76.2	61.0	40.7	30.5	20.3
-85°	116.9	106.7	101.6	91.5	81.3	66.1	50.8	40.7	30.5	20.3	10.2
-87.5°	61.0	55.9	50.8	45.7	40.7	30.5	25.4	20.3	15.2	10.2	5.1
-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-SA7D-930-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°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	5.1	5.1	0.0	0.0
67.5°	10.2	5.1	0.0	0.0
65°	10.2	5.1	0.0	0.0
62.5°	10.2	5.1	0.0	0.0
60°	10.2	5.1	0.0	0.0
57.5°	15.2	5.1	5.1	0.0
55°	15.2	5.1	5.1	0.0
52.5°	15.2	5.1	5.1	0.0
50°	15.2	10.2	5.1	0.0
47.5°	15.2	10.2	5.1	0.0
45°	15.2	10.2	5.1	0.0
42.5°	15.2	10.2	5.1	0.0
40°	20.3	10.2	5.1	0.0
37.5°	20.3	10.2	5.1	0.0
35°	20.3	10.2	5.1	0.0
32.5°	20.3	10.2	5.1	0.0
30°	20.3	10.2	5.1	0.0
27.5°	20.3	15.2	5.1	0.0
25°	20.3	15.2	5.1	0.0
22.5°	25.4	15.2	5.1	0.0
20°	25.4	15.2	5.1	0.0
17.5°	25.4	15.2	5.1	0.0
15°	25.4	15.2	5.1	0.0
12.5°	25.4	15.2	5.1	0.0
10°	25.4	15.2	5.1	0.0
7.5°	25.4	15.2	5.1	0.0
5°	25.4	15.2	5.1	0.0
2.5°	25.4	15.2	5.1	0.0
0°	25.4	15.2	5.1	0.0
-2.5°	25.4	15.2	5.1	0.0
-5°	25.4	15.2	5.1	0.0
-7.5°	25.4	15.2	5.1	0.0
-10°	25.4	15.2	5.1	0.0
-12.5°	30.5	15.2	5.1	0.0
-15°	30.5	15.2	5.1	0.0
-17.5°	30.5	15.2	5.1	0.0
-20°	30.5	15.2	5.1	0.0

REPORT NUMBER: P722678

CATALOG NUMBER: IFLD-L-SA7D-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	30.5	15.2	5.1	0.0
-25°	30.5	15.2	5.1	0.0
-27.5°	30.5	15.2	5.1	0.0
-30°	30.5	15.2	5.1	0.0
-32.5°	30.5	15.2	5.1	0.0
-35°	30.5	15.2	5.1	0.0
-37.5°	30.5	15.2	5.1	0.0
-40°	30.5	15.2	5.1	0.0
-42.5°	25.4	15.2	5.1	0.0
-45°	30.5	15.2	5.1	0.0
-47.5°	30.5	15.2	5.1	0.0
-50°	30.5	15.2	5.1	0.0
-52.5°	30.5	15.2	5.1	0.0
-55°	30.5	15.2	5.1	0.0
-57.5°	30.5	15.2	5.1	0.0
-60°	30.5	15.2	5.1	0.0
-62.5°	25.4	15.2	5.1	0.0
-65°	25.4	10.2	5.1	0.0
-67.5°	25.4	10.2	5.1	0.0
-70°	25.4	10.2	5.1	0.0
-72.5°	20.3	10.2	5.1	0.0
-75°	20.3	10.2	5.1	0.0
-77.5°	15.2	5.1	0.0	0.0
-80°	15.2	5.1	0.0	0.0
-82.5°	10.2	5.1	0.0	0.0
-85°	5.1	5.1	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)