

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: P722647

Luminaire Tested: **IFLD-L-SA7B-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722647
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23054 lumens	Max Intensity:	16094.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.0 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:	14707.4 lumens	Field Lumens:	21734.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

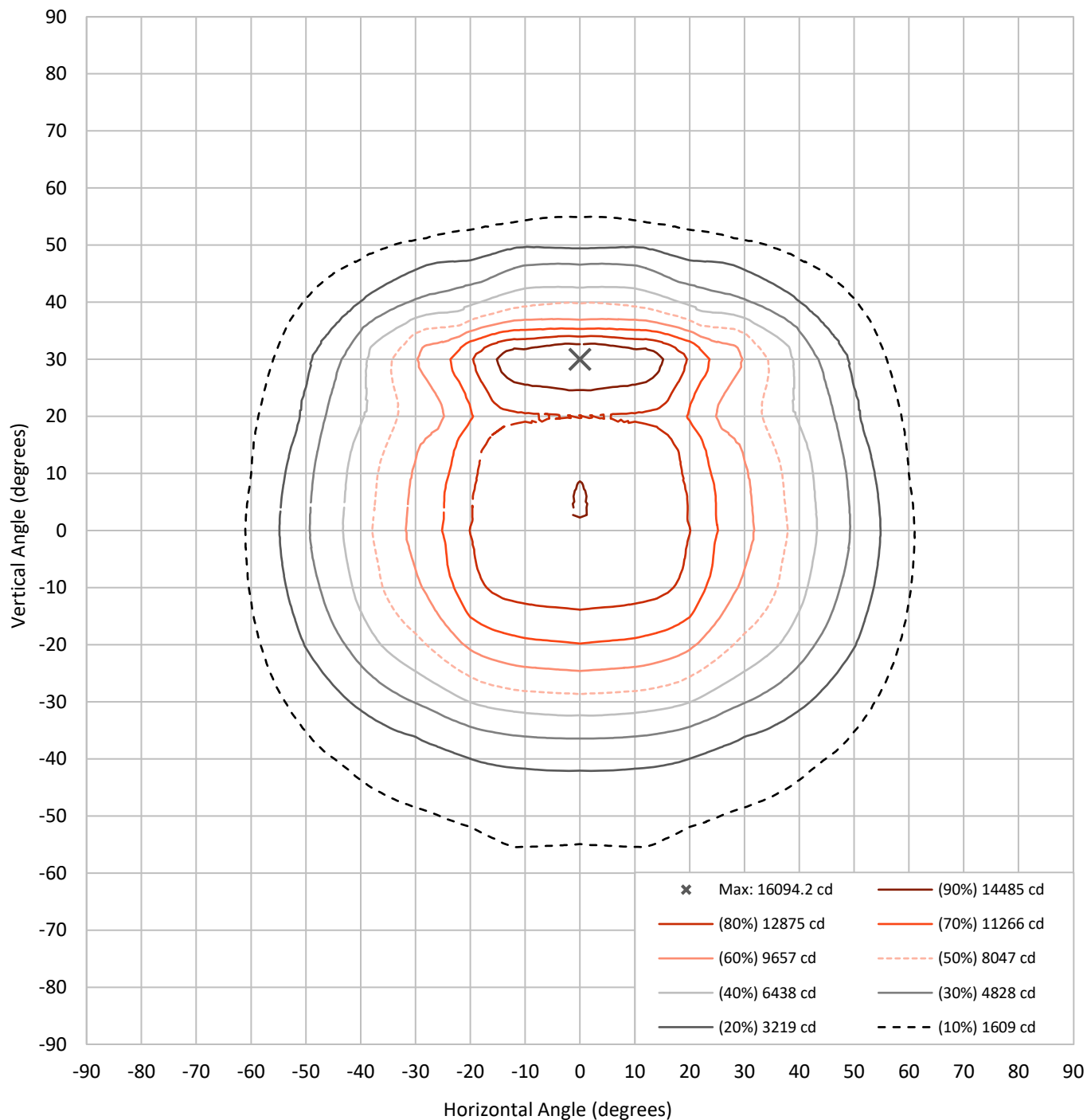
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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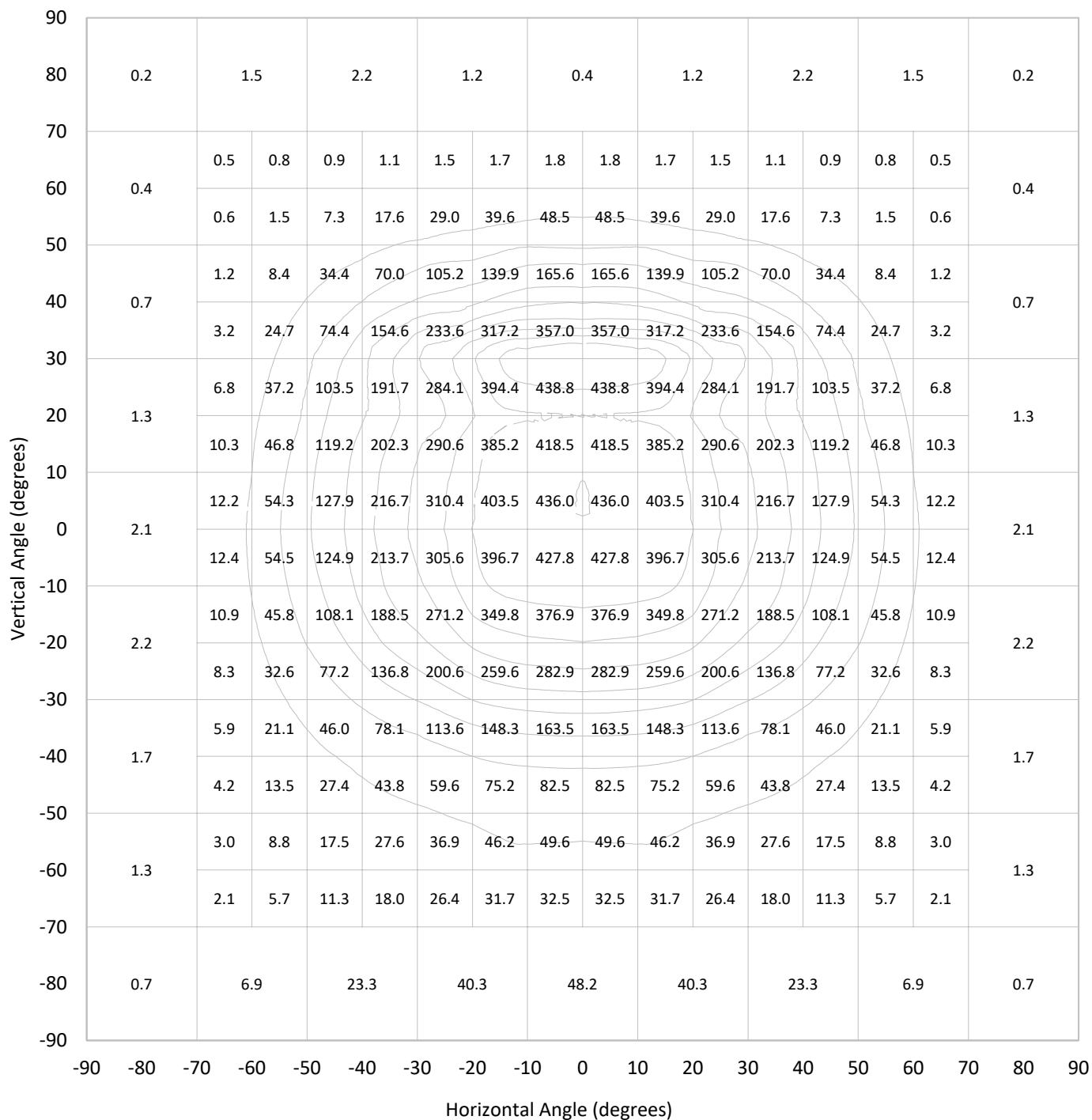
Iso-Candela Plot



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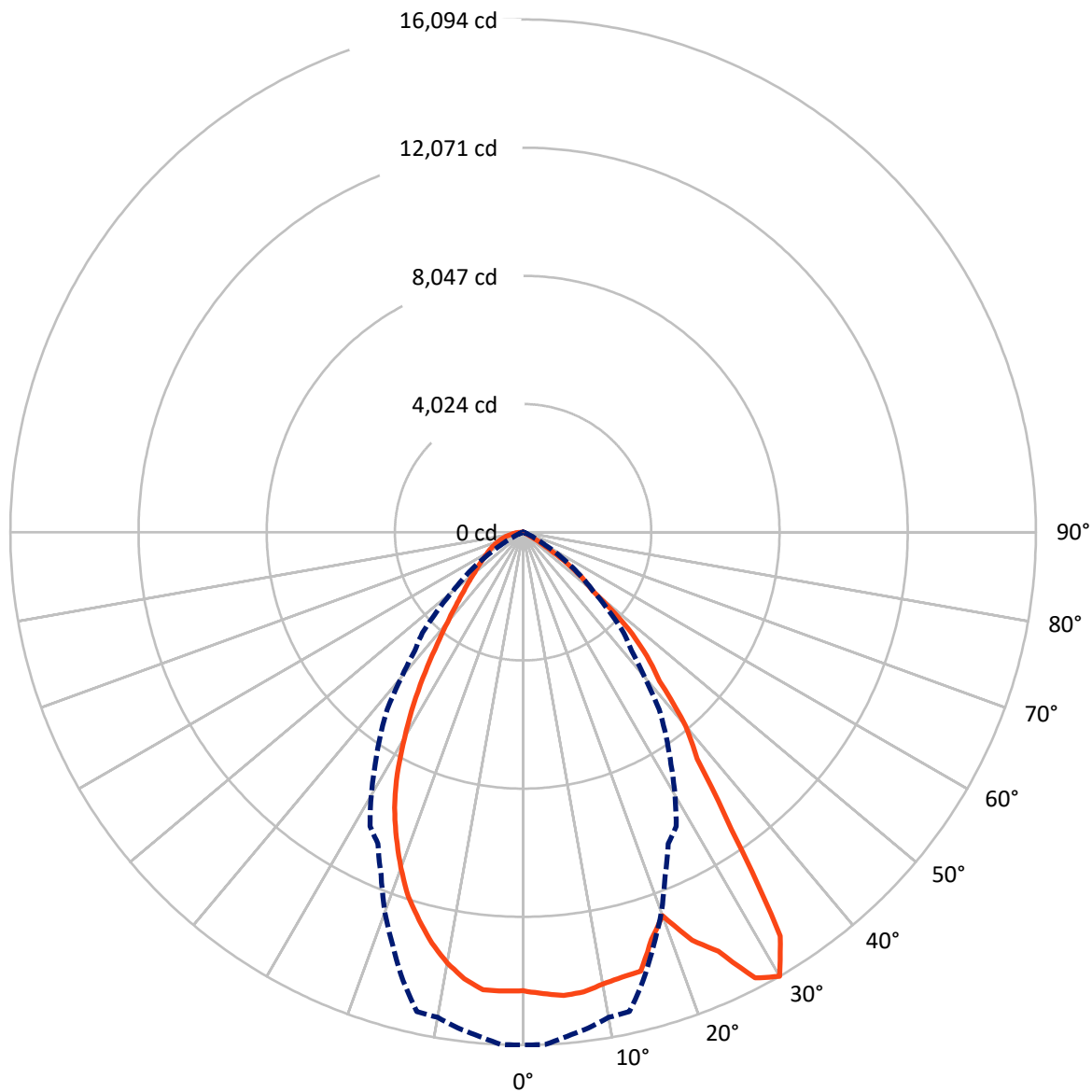
Lumen Table



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Luminous Intensity Polar Plot



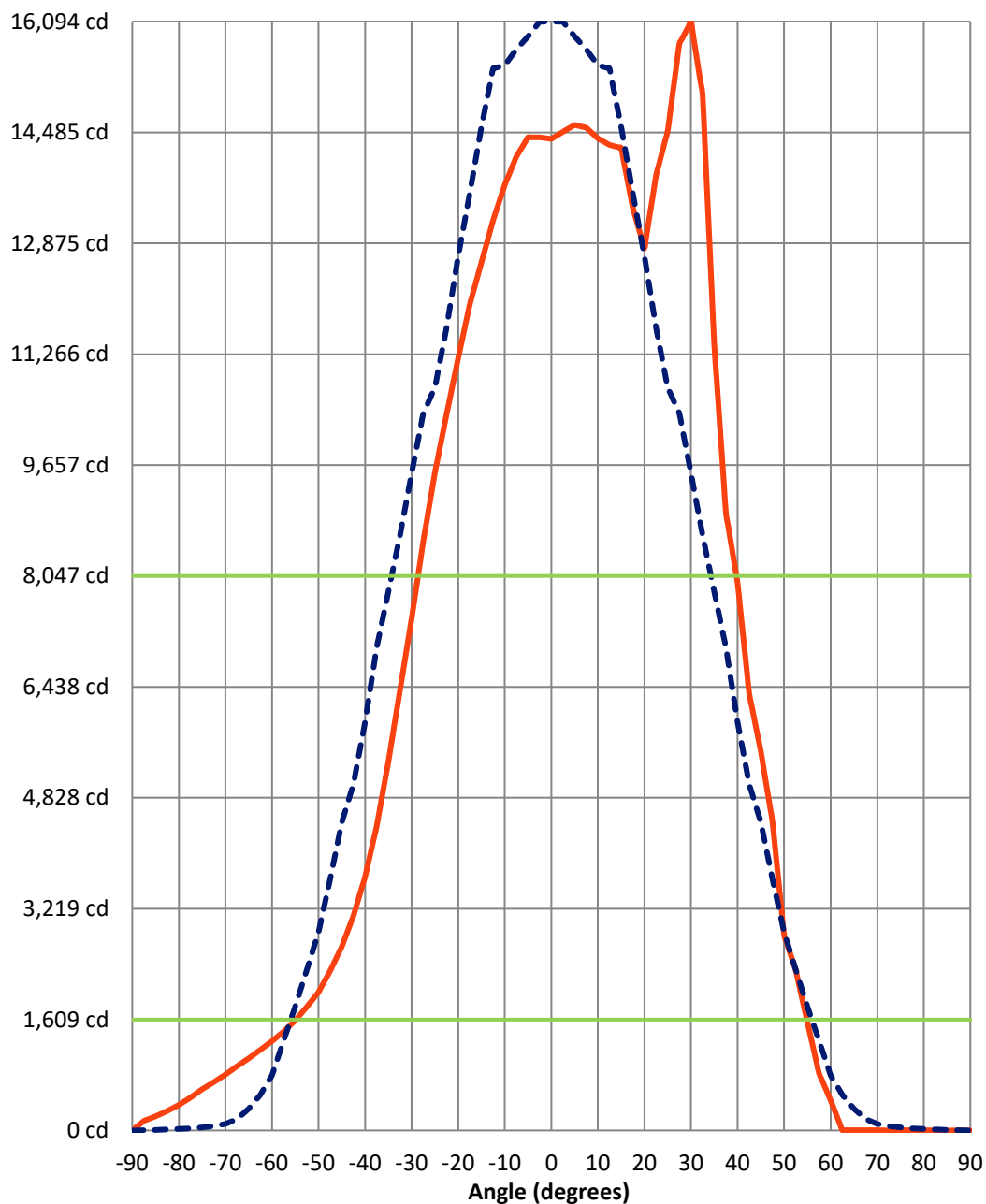
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14707.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21734.7

Efficiency: 94.3%

Spill:

Lumens: 1319.3

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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	7.3	7.3	11.0
82.5°	0.0	3.7	3.7	3.7	7.3	7.3	7.3	7.3	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.3	7.3	7.3	11.0	11.0	14.7	14.7	18.4
75°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	18.4
72.5°	0.0	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.3	7.3	11.0	11.0	14.7	14.7	14.7	18.4
65°	3.7	3.7	3.7	7.3	11.0	11.0	14.7	18.4	18.4	22.0	25.7
62.5°	3.7	7.3	7.3	11.0	14.7	18.4	40.4	62.4	62.4	44.0	36.7
60°	436.8	473.5	469.8	425.8	370.7	312.0	301.0	290.0	267.9	234.9	245.9
57.5°	829.5	873.5	891.9	880.9	851.5	800.1	770.8	737.7	693.7	642.3	583.6
55°	1570.9	1589.2	1548.9	1471.8	1387.4	1303.0	1273.6	1229.5	1163.5	1097.4	1009.3
52.5°	2323.3	2385.7	2367.3	2290.3	2176.5	2026.0	1860.8	1732.4	1655.3	1581.9	1493.8
50°	2837.1	2862.8	2914.2	3006.0	3039.0	2936.2	2668.3	2323.3	2077.4	2202.2	2106.7
47.5°	4477.8	4606.2	4580.5	4514.5	4404.3	4125.4	3751.0	3442.7	3185.8	3101.4	3116.1
45°	5501.8	5553.1	5534.8	5505.4	5454.1	5193.5	4778.7	4305.3	4066.7	3971.3	3872.2
42.5°	6342.3	6397.3	6408.3	6412.0	6356.9	6118.4	5744.0	5270.5	5032.0	4756.7	4540.1
40°	7946.2	8026.9	7935.2	7814.0	7630.5	7358.9	6991.9	6555.1	6133.1	5795.4	5538.5
37.5°	8970.2	9069.3	9106.0	9098.6	9058.3	8940.8	8489.4	8074.6	7428.7	6672.6	6808.4
35°	11399.9	11502.7	11473.3	11363.2	11304.5	11179.7	10739.3	10247.4	9436.3	8614.2	8394.0
32.5°	15022.5	15246.4	14828.0	14369.2	14086.6	14185.7	13737.9	12534.0	12159.7	10676.9	9990.5
30°	16094.2	16090.6	15877.7	15690.5	15459.3	15411.5	14567.4	13605.8	12688.2	11649.5	10783.3
27.5°	15767.6	15701.5	15521.7	15385.9	15169.3	15055.5	14229.7	13466.3	12405.6	11477.0	10640.2
25°	14508.7	14560.0	14376.5	14350.8	14266.4	14046.2	13635.1	12776.3	11829.3	10801.7	10199.7
22.5°	13859.0	13840.7	13620.4	13492.0	13594.8	13359.9	13194.7	12328.5	11341.2	10475.0	9752.0
20°	12802.0	12805.6	12750.6	12739.6	12677.2	12570.7	12438.6	11825.7	11128.3	10386.9	9517.1
17.5°	13392.9	13543.4	13609.4	13062.6	13216.7	13095.6	12956.1	12100.9	11576.1	10919.1	9785.0
15°	14259.1	14204.0	14138.0	14108.6	14024.2	13910.4	13657.1	12974.5	12071.6	11392.6	10508.0
12.5°	14303.1	14196.7	14171.0	14167.3	14079.2	13921.4	13675.5	13110.3	12310.2	11484.3	10765.0
10°	14398.5	14288.4	14273.8	14292.1	14156.3	14057.2	13811.3	13286.4	12383.6	11642.2	10963.2
7.5°	14552.7	14369.2	14453.6	14398.5	14336.2	14178.3	13914.1	13400.2	12651.5	11851.4	11139.3
5°	14593.1	14391.2	14483.0	14431.6	14339.8	14185.7	13899.4	13473.6	12816.7	11935.8	11209.1
2.5°	14494.0	14435.3	14394.9	14299.4	14259.1	14090.2	13818.6	13363.5	12739.6	11899.1	11194.4
0°	14391.2	14442.6	14350.8	14255.4	14237.1	14101.3	13870.0	13459.0	12919.4	12001.8	11319.2
-2.5°	14413.2	14372.9	14310.5	14211.4	14115.9	13921.4	13712.2	13326.8	12746.9	11778.0	11143.0
-5°	14413.2	14226.0	14233.4	14237.1	14141.6	13939.8	13686.5	13359.9	12644.1	11774.3	11091.6
-7.5°	14134.3	13972.8	13947.1	13925.1	13899.4	13712.2	13514.0	13106.6	12471.6	11678.9	10948.5
-10°	13723.2	13565.4	13580.1	13547.0	13466.3	13341.5	13191.0	12824.0	12302.8	11377.9	10658.5
-12.5°	13209.4	13139.6	13099.3	13044.2	12963.5	12853.4	12699.2	12354.2	11796.3	11007.2	10324.5
-15°	12600.1	12548.7	12512.0	12479.0	12361.5	12247.8	12045.9	11726.6	11377.9	10530.1	9832.7
-17.5°	11990.8	11862.4	11811.0	11766.9	11689.9	11506.4	11322.8	11084.3	10596.1	9924.5	9326.2
-20°	11209.1	11132.0	11069.6	11010.9	10900.8	10757.6	10607.1	10331.9	9909.8	9366.6	8746.3

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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°	10390.6	10346.5	10295.2	10221.8	10148.4	10012.6	9803.3	9539.1	9208.8	8621.5	8041.6
-25°	9546.4	9462.0	9399.6	9329.9	9271.2	9146.4	8944.5	8691.2	8276.5	7770.0	7285.5
-27.5°	8551.8	8471.0	8438.0	8357.3	8305.9	8192.1	7990.2	7755.3	7381.0	6955.2	6463.4
-30°	7428.7	7443.3	7406.6	7329.6	7267.2	7120.4	6966.2	6768.0	6474.4	6067.0	5626.6
-32.5°	6390.0	6408.3	6364.3	6283.5	6202.8	6096.4	5953.2	5773.4	5553.1	5164.1	4782.4
-35°	5351.3	5343.9	5307.2	5259.5	5204.5	5116.4	4954.9	4819.1	4565.8	4294.2	4030.0
-37.5°	4419.0	4437.4	4426.4	4400.7	4338.3	4264.9	4132.7	4008.0	3820.8	3582.2	3376.7
-40°	3681.3	3703.3	3688.6	3662.9	3607.9	3563.9	3475.8	3365.7	3215.2	3009.6	2837.1
-42.5°	3116.1	3130.8	3112.4	3090.4	3042.7	3009.6	2939.9	2848.1	2723.4	2565.5	2411.4
-45°	2668.3	2672.0	2653.6	2638.9	2602.2	2561.9	2503.1	2429.7	2330.6	2220.5	2095.7
-47.5°	2316.0	2312.3	2293.9	2279.3	2249.9	2213.2	2165.5	2099.4	2022.3	1937.9	1838.8
-50°	2007.6	2026.0	2018.7	2004.0	1982.0	1956.3	1908.6	1838.8	1761.7	1699.3	1629.6
-52.5°	1794.8	1798.4	1794.8	1794.8	1791.1	1772.8	1717.7	1648.0	1563.5	1508.5	1449.8
-55°	1596.6	1614.9	1622.3	1629.6	1633.3	1633.3	1567.2	1493.8	1413.1	1358.0	1314.0
-57.5°	1435.1	1446.1	1453.4	1471.8	1486.5	1497.5	1438.8	1372.7	1310.3	1258.9	1218.5
-60°	1295.6	1310.3	1321.3	1339.7	1350.7	1358.0	1321.3	1277.3	1240.6	1207.5	1148.8
-62.5°	1170.8	1181.8	1192.8	1203.9	1214.9	1222.2	1207.5	1185.5	1167.2	1152.5	1079.1
-65°	1046.0	1057.0	1068.1	1082.7	1093.7	1101.1	1097.4	1082.7	1068.1	1053.4	987.3
-67.5°	932.3	943.3	957.9	961.6	969.0	972.6	965.3	954.3	935.9	917.6	866.2
-70°	811.1	818.5	825.8	825.8	825.8	822.1	814.8	800.1	781.8	756.1	715.7
-72.5°	701.0	708.4	715.7	704.7	697.4	686.3	675.3	657.0	638.6	620.3	598.3
-75°	598.3	601.9	601.9	587.2	576.2	565.2	550.5	539.5	521.2	506.5	488.1
-77.5°	477.1	477.1	477.1	466.1	458.8	451.4	440.4	429.4	414.7	403.7	389.1
-80°	370.7	370.7	370.7	367.0	356.0	348.7	341.3	334.0	323.0	315.6	308.3
-82.5°	282.6	282.6	282.6	278.9	271.6	267.9	260.6	253.3	249.6	242.2	238.6
-85°	205.5	209.2	209.2	205.5	201.9	194.5	190.9	187.2	183.5	179.8	172.5
-87.5°	139.5	139.5	139.5	135.8	132.1	132.1	128.5	121.1	113.8	110.1	106.4
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.4	18.4	22.0	22.0	25.7	25.7	25.7	25.7	25.7	25.7	25.7
80°	18.4	22.0	25.7	29.4	33.0	36.7	36.7	36.7	36.7	33.0	33.0
77.5°	22.0	22.0	25.7	29.4	33.0	36.7	40.4	44.0	40.4	40.4	40.4
75°	22.0	25.7	25.7	29.4	33.0	36.7	40.4	44.0	44.0	44.0	44.0
72.5°	18.4	22.0	25.7	29.4	29.4	33.0	36.7	36.7	40.4	40.4	44.0
70°	18.4	22.0	25.7	25.7	29.4	29.4	33.0	36.7	36.7	40.4	40.4
67.5°	22.0	25.7	25.7	29.4	33.0	33.0	33.0	36.7	36.7	40.4	40.4
65°	25.7	29.4	29.4	33.0	36.7	36.7	40.4	40.4	40.4	44.0	44.0
62.5°	44.0	44.0	44.0	40.4	44.0	44.0	44.0	47.7	47.7	44.0	47.7
60°	227.6	165.2	113.8	143.1	128.5	58.7	58.7	58.7	55.1	55.1	51.4
57.5°	535.9	499.2	429.4	363.4	326.7	290.0	179.8	73.4	73.4	66.1	58.7
55°	895.6	774.4	723.0	635.0	539.5	495.5	411.1	278.9	132.1	88.1	77.1
52.5°	1387.4	1273.6	1141.5	961.6	833.2	730.4	660.7	524.9	352.3	187.2	117.4
50°	1857.2	1805.8	1725.0	1548.9	1280.9	1108.4	994.6	840.5	631.3	385.4	220.2
47.5°	2991.3	2561.9	2301.3	2165.5	1941.6	1614.9	1394.7	1222.2	969.0	649.6	389.1
45°	3765.7	3494.1	3079.4	2793.1	2462.8	2117.8	1831.5	1633.3	1332.3	972.6	609.3
42.5°	4430.0	4195.1	3820.8	3402.4	3053.7	2602.2	2235.2	1974.6	1721.4	1328.6	910.2
40°	5285.2	5006.3	4646.6	4239.2	3831.8	3255.5	2661.0	2345.3	2066.4	1717.7	1229.5
37.5°	6694.6	6202.8	5615.5	5164.1	4631.9	4143.8	3329.0	2771.1	2440.7	2077.4	1603.9
35°	8390.3	7850.8	6870.8	6272.5	5560.5	4833.8	4099.7	3273.9	2804.1	2418.7	1948.9
32.5°	9968.5	9179.4	7924.2	7223.1	6749.7	5410.0	4650.3	3934.6	3178.5	2705.0	2147.1
30°	10405.3	9535.4	8636.2	7817.7	7010.3	5927.5	5028.3	4470.4	3648.3	2877.5	2334.3
27.5°	9964.8	9366.6	8669.2	7909.5	7035.9	6107.4	5259.5	4727.3	3993.3	2995.0	2481.1
25°	9517.1	8893.1	8405.0	7770.0	6962.5	6096.4	5266.9	4888.8	4261.2	3222.5	2561.9
22.5°	9043.6	8654.5	8250.8	7542.4	6779.0	6129.4	5505.4	5028.3	4400.7	3479.4	2594.9
20°	9069.3	8816.0	8371.9	7425.0	6746.0	6323.9	5791.7	5204.5	4551.2	3703.3	2620.6
17.5°	9480.4	9150.0	8592.1	7770.0	7043.3	6522.1	6030.3	5446.7	4705.3	3901.5	2932.6
15°	9986.9	9484.0	8900.5	8177.4	7355.3	6738.7	6213.8	5615.5	4881.5	4085.0	3211.5
12.5°	10353.9	9638.2	9091.3	8438.0	7692.9	6973.6	6334.9	5744.0	5046.6	4235.5	3420.7
10°	10478.7	9829.0	9183.1	8599.5	7865.4	7098.3	6426.7	5824.8	5189.8	4353.0	3574.9
7.5°	10544.7	9994.2	9245.5	8672.9	7968.2	7175.4	6500.1	5868.8	5303.6	4433.7	3674.0
5°	10537.4	10082.3	9293.2	8694.9	8023.3	7208.4	6551.5	5879.8	5384.3	4503.4	3732.7
2.5°	10504.4	10141.0	9370.3	8731.6	8133.4	7270.8	6650.6	5901.8	5413.7	4580.5	3773.1
0°	10625.5	10144.7	9451.0	8742.6	8206.8	7292.9	6694.6	5883.5	5373.3	4602.5	3769.4
-2.5°	10364.9	9928.1	9432.6	8647.2	8107.7	7241.5	6613.9	5824.8	5285.2	4576.9	3754.7
-5°	10320.9	9770.3	9278.5	8559.1	7942.5	7135.0	6463.4	5714.6	5145.7	4492.4	3696.0
-7.5°	10203.4	9619.8	9128.0	8489.4	7788.4	7024.9	6320.2	5600.9	4995.3	4360.3	3611.6
-10°	9946.5	9388.6	8966.5	8338.9	7601.2	6867.1	6147.7	5450.4	4819.1	4180.5	3479.4
-12.5°	9579.5	9021.6	8603.2	8019.6	7366.3	6654.2	5942.2	5255.9	4617.2	3989.6	3321.6
-15°	9164.7	8599.5	8181.1	7648.9	7017.6	6323.9	5681.6	5009.9	4386.0	3787.7	3134.4
-17.5°	8694.9	8159.1	7755.3	7237.8	6610.2	5949.5	5310.9	4701.6	4118.1	3578.5	2917.9
-20°	8151.7	7630.5	7259.8	6742.3	6166.1	5523.8	4903.5	4327.3	3802.4	3295.9	2679.3

REPORT NUMBER: P722647

CATALOG NUMBER: IFLD-L-SA7B-927-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°	7480.1	7021.3	6599.2	6136.7	5633.9	5046.6	4470.4	3960.2	3457.4	2961.9	2433.4
-25°	6793.7	6349.6	5938.5	5516.4	5035.6	4529.1	4037.3	3574.9	3083.0	2635.3	2194.8
-27.5°	6030.3	5633.9	5266.9	4877.8	4437.4	4000.6	3596.9	3145.4	2719.7	2338.0	1959.9
-30°	5215.5	4892.5	4573.2	4228.2	3872.2	3505.1	3145.4	2719.7	2385.7	2081.1	1761.7
-32.5°	4433.7	4143.8	3886.8	3629.9	3321.6	3020.6	2701.3	2385.7	2106.7	1838.8	1570.9
-35°	3747.4	3439.1	3295.9	3090.4	2844.5	2572.9	2312.3	2092.1	1868.2	1625.9	1387.4
-37.5°	3152.8	2954.6	2785.8	2631.6	2437.1	2202.2	2015.0	1835.1	1648.0	1427.7	1222.2
-40°	2686.7	2543.5	2374.7	2260.9	2103.1	1934.2	1747.1	1596.6	1438.8	1258.9	1090.1
-42.5°	2312.3	2194.8	2084.7	1963.6	1846.2	1703.0	1541.5	1398.4	1255.2	1123.1	983.6
-45°	2004.0	1919.6	1831.5	1732.4	1629.6	1504.8	1372.7	1225.9	1123.1	1005.7	888.2
-47.5°	1750.7	1688.3	1614.9	1537.9	1449.8	1339.7	1218.5	1112.1	1005.7	906.6	792.8
-50°	1548.9	1490.1	1431.4	1365.3	1288.3	1192.8	1101.1	1002.0	902.9	807.5	701.0
-52.5°	1380.0	1328.6	1280.9	1225.9	1152.5	1071.7	987.3	899.2	807.5	712.0	627.6
-55°	1262.6	1203.9	1156.1	1101.1	1035.0	957.9	880.9	800.1	712.0	638.6	568.9
-57.5°	1167.2	1101.1	1046.0	987.3	921.2	855.2	785.4	712.0	646.0	576.2	510.2
-60°	1086.4	1009.3	946.9	888.2	825.8	763.4	704.7	642.3	579.9	517.5	451.4
-62.5°	1002.0	921.2	844.2	789.1	741.4	686.3	635.0	576.2	521.2	458.8	411.1
-65°	906.6	829.5	756.1	708.4	664.3	616.6	568.9	517.5	469.8	422.1	378.0
-67.5°	800.1	734.1	682.7	638.6	594.6	554.2	510.2	466.1	425.8	378.0	334.0
-70°	671.7	635.0	605.6	572.6	532.2	495.5	455.1	414.7	370.7	330.3	290.0
-72.5°	572.6	550.5	528.5	495.5	458.8	425.8	392.7	356.0	319.3	282.6	249.6
-75°	469.8	451.4	433.1	411.1	381.7	356.0	326.7	293.6	264.3	238.6	212.9
-77.5°	378.0	363.4	352.3	334.0	312.0	290.0	271.6	249.6	227.6	201.9	176.2
-80°	301.0	293.6	290.0	282.6	264.3	245.9	231.2	212.9	190.9	172.5	154.2
-82.5°	234.9	234.9	231.2	227.6	212.9	198.2	187.2	172.5	157.8	143.1	124.8
-85°	172.5	168.8	168.8	165.2	154.2	146.8	135.8	128.5	117.4	102.8	95.4
-87.5°	102.8	99.1	95.4	91.8	84.4	80.7	73.4	69.7	62.4	55.1	51.4
-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: P722647

CATALOG NUMBER: IFLD-L-SA7B-927-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.0	7.3	7.3	7.3	7.3	7.3	3.7	3.7	3.7	3.7	3.7
82.5°	22.0	22.0	18.4	18.4	14.7	11.0	7.3	7.3	7.3	3.7	3.7
80°	33.0	33.0	33.0	29.4	25.7	18.4	14.7	11.0	7.3	3.7	3.7
77.5°	40.4	36.7	36.7	33.0	33.0	29.4	22.0	18.4	11.0	7.3	3.7
75°	40.4	40.4	40.4	36.7	36.7	33.0	29.4	22.0	18.4	11.0	7.3
72.5°	44.0	40.4	40.4	40.4	36.7	33.0	29.4	25.7	22.0	14.7	7.3
70°	40.4	40.4	40.4	40.4	36.7	36.7	29.4	25.7	25.7	14.7	11.0
67.5°	40.4	40.4	40.4	36.7	36.7	33.0	29.4	25.7	25.7	18.4	11.0
65°	44.0	40.4	40.4	40.4	36.7	33.0	29.4	25.7	25.7	22.0	14.7
62.5°	47.7	44.0	44.0	40.4	36.7	33.0	29.4	25.7	25.7	22.0	14.7
60°	51.4	47.7	44.0	44.0	40.4	36.7	29.4	29.4	25.7	22.0	14.7
57.5°	55.1	51.4	51.4	47.7	44.0	40.4	33.0	29.4	25.7	22.0	18.4
55°	66.1	58.7	55.1	55.1	51.4	44.0	36.7	29.4	25.7	22.0	18.4
52.5°	88.1	69.7	62.4	62.4	58.7	51.4	40.4	33.0	25.7	22.0	18.4
50°	139.5	88.1	73.4	66.1	66.1	58.7	47.7	36.7	25.7	22.0	18.4
47.5°	220.2	146.8	88.1	77.1	73.4	69.7	55.1	36.7	29.4	22.0	18.4
45°	363.4	216.5	143.1	91.8	77.1	73.4	62.4	40.4	29.4	25.7	18.4
42.5°	499.2	337.7	220.2	110.1	91.8	80.7	66.1	44.0	33.0	25.7	18.4
40°	785.4	462.5	308.3	179.8	106.4	84.4	73.4	51.4	33.0	25.7	18.4
37.5°	1064.4	612.9	414.7	264.3	121.1	95.4	77.1	55.1	36.7	25.7	22.0
35°	1343.3	858.8	513.8	352.3	161.5	113.8	80.7	58.7	36.7	25.7	22.0
32.5°	1592.9	1090.1	616.6	440.4	242.2	135.8	88.1	62.4	40.4	29.4	22.0
30°	1798.4	1303.0	800.1	517.5	315.6	165.2	95.4	62.4	44.0	29.4	22.0
27.5°	1952.6	1468.1	987.3	598.3	378.0	194.5	110.1	69.7	44.0	29.4	22.0
25°	2077.4	1596.6	1152.5	682.7	433.1	242.2	132.1	73.4	47.7	33.0	22.0
22.5°	2176.5	1703.0	1288.3	796.5	499.2	290.0	161.5	80.7	47.7	33.0	22.0
20°	2312.3	1809.5	1380.0	917.6	568.9	334.0	187.2	88.1	47.7	33.0	25.7
17.5°	2429.7	1915.9	1453.4	1020.3	638.6	367.0	216.5	95.4	51.4	33.0	25.7
15°	2565.5	2018.7	1519.5	1101.1	704.7	396.4	242.2	102.8	51.4	36.7	25.7
12.5°	2712.3	2114.1	1567.2	1167.2	774.4	422.1	264.3	117.4	55.1	36.7	25.7
10°	2862.8	2194.8	1607.6	1214.9	825.8	447.8	278.9	132.1	58.7	36.7	25.7
7.5°	3013.3	2268.2	1659.0	1236.9	847.8	477.1	286.3	146.8	58.7	40.4	25.7
5°	3116.1	2316.0	1732.4	1251.6	858.8	510.2	297.3	165.2	62.4	40.4	25.7
2.5°	3204.2	2345.3	1809.5	1262.6	862.5	528.5	293.6	176.2	66.1	40.4	25.7
0°	3244.5	2345.3	1860.8	1255.2	851.5	546.9	293.6	187.2	66.1	40.4	25.7
-2.5°	3182.1	2411.4	1846.2	1258.9	855.2	546.9	308.3	190.9	73.4	44.0	25.7
-5°	3083.0	2437.1	1802.1	1240.6	847.8	546.9	326.7	194.5	77.1	44.0	29.4
-7.5°	2987.6	2448.1	1750.7	1222.2	836.8	532.2	330.3	190.9	84.4	47.7	29.4
-10°	2862.8	2327.0	1684.7	1189.2	814.8	521.2	337.7	190.9	88.1	47.7	29.4
-12.5°	2719.7	2180.2	1603.9	1141.5	789.1	510.2	341.3	190.9	91.8	51.4	29.4
-15°	2554.5	2029.7	1512.2	1090.1	752.4	495.5	334.0	187.2	95.4	51.4	33.0
-17.5°	2367.3	1882.9	1416.7	1027.7	712.0	477.1	319.3	183.5	95.4	51.4	33.0
-20°	2154.5	1736.0	1310.3	965.3	664.3	455.1	304.6	176.2	95.4	51.4	33.0



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CATALOG NUMBER: IFLD-L-SA7B-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1963.6	1600.2	1200.2	895.6	612.9	429.4	286.3	168.8	95.4	55.1	33.0
-25°	1805.8	1468.1	1115.8	825.8	557.9	400.1	267.9	161.5	95.4	55.1	33.0
-27.5°	1640.6	1325.0	1027.7	759.8	521.2	374.4	249.6	154.2	91.8	55.1	33.0
-30°	1471.8	1185.5	935.9	686.3	484.5	348.7	234.9	143.1	91.8	55.1	33.0
-32.5°	1317.6	1071.7	851.5	612.9	444.1	323.0	220.2	139.5	88.1	55.1	33.0
-35°	1167.2	969.0	763.4	554.2	400.1	297.3	205.5	135.8	88.1	55.1	33.0
-37.5°	1042.4	873.5	682.7	513.8	374.4	275.3	190.9	128.5	84.4	55.1	33.0
-40°	939.6	785.4	605.6	469.8	352.3	253.3	176.2	124.8	84.4	55.1	33.0
-42.5°	844.2	701.0	557.9	433.1	330.3	238.6	165.2	121.1	80.7	55.1	33.0
-45°	759.8	627.6	510.2	400.1	304.6	220.2	157.8	113.8	77.1	55.1	36.7
-47.5°	675.3	576.2	466.1	370.7	278.9	198.2	150.5	110.1	73.4	51.4	36.7
-50°	609.3	521.2	429.4	337.7	253.3	190.9	143.1	102.8	73.4	51.4	36.7
-52.5°	550.5	469.8	389.1	304.6	231.2	179.8	135.8	95.4	69.7	51.4	36.7
-55°	495.5	422.1	348.7	271.6	216.5	168.8	124.8	88.1	69.7	51.4	36.7
-57.5°	440.4	378.0	308.3	245.9	198.2	157.8	117.4	88.1	69.7	51.4	36.7
-60°	396.4	337.7	278.9	227.6	183.5	143.1	106.4	84.4	66.1	51.4	36.7
-62.5°	359.7	304.6	253.3	205.5	168.8	128.5	102.8	84.4	66.1	51.4	33.0
-65°	323.0	275.3	227.6	187.2	150.5	121.1	99.1	80.7	66.1	51.4	33.0
-67.5°	286.3	242.2	205.5	165.2	139.5	117.4	95.4	80.7	62.4	47.7	33.0
-70°	249.6	212.9	179.8	154.2	132.1	110.1	91.8	77.1	62.4	44.0	29.4
-72.5°	220.2	187.2	161.5	143.1	124.8	106.4	88.1	73.4	58.7	40.4	25.7
-75°	187.2	165.2	146.8	128.5	113.8	99.1	84.4	66.1	51.4	36.7	25.7
-77.5°	157.8	143.1	128.5	117.4	102.8	88.1	73.4	58.7	47.7	33.0	22.0
-80°	135.8	124.8	113.8	102.8	91.8	77.1	66.1	51.4	40.4	29.4	18.4
-82.5°	110.1	102.8	91.8	84.4	77.1	66.1	55.1	44.0	29.4	22.0	14.7
-85°	84.4	77.1	73.4	66.1	58.7	47.7	36.7	29.4	22.0	14.7	7.3
-87.5°	44.0	40.4	36.7	33.0	29.4	22.0	18.4	14.7	11.0	7.3	3.7
-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: P722647

CATALOG NUMBER: IFLD-L-SA7B-927-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.3	3.7	0.0	0.0
65°	7.3	3.7	0.0	0.0
62.5°	7.3	3.7	0.0	0.0
60°	7.3	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.3	3.7	0.0
47.5°	11.0	7.3	3.7	0.0
45°	11.0	7.3	3.7	0.0
42.5°	11.0	7.3	3.7	0.0
40°	14.7	7.3	3.7	0.0
37.5°	14.7	7.3	3.7	0.0
35°	14.7	7.3	3.7	0.0
32.5°	14.7	7.3	3.7	0.0
30°	14.7	7.3	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.4	11.0	3.7	0.0
20°	18.4	11.0	3.7	0.0
17.5°	18.4	11.0	3.7	0.0
15°	18.4	11.0	3.7	0.0
12.5°	18.4	11.0	3.7	0.0
10°	18.4	11.0	3.7	0.0
7.5°	18.4	11.0	3.7	0.0
5°	18.4	11.0	3.7	0.0
2.5°	18.4	11.0	3.7	0.0
0°	18.4	11.0	3.7	0.0
-2.5°	18.4	11.0	3.7	0.0
-5°	18.4	11.0	3.7	0.0
-7.5°	18.4	11.0	3.7	0.0
-10°	18.4	11.0	3.7	0.0
-12.5°	22.0	11.0	3.7	0.0
-15°	22.0	11.0	3.7	0.0
-17.5°	22.0	11.0	3.7	0.0
-20°	22.0	11.0	3.7	0.0

REPORT NUMBER: P722647

CATALOG NUMBER: IFLD-L-SA7B-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.0	11.0	3.7	0.0
-25°	22.0	11.0	3.7	0.0
-27.5°	22.0	11.0	3.7	0.0
-30°	22.0	11.0	3.7	0.0
-32.5°	22.0	11.0	3.7	0.0
-35°	22.0	11.0	3.7	0.0
-37.5°	22.0	11.0	3.7	0.0
-40°	22.0	11.0	3.7	0.0
-42.5°	18.4	11.0	3.7	0.0
-45°	22.0	11.0	3.7	0.0
-47.5°	22.0	11.0	3.7	0.0
-50°	22.0	11.0	3.7	0.0
-52.5°	22.0	11.0	3.7	0.0
-55°	22.0	11.0	3.7	0.0
-57.5°	22.0	11.0	3.7	0.0
-60°	22.0	11.0	3.7	0.0
-62.5°	18.4	11.0	3.7	0.0
-65°	18.4	7.3	3.7	0.0
-67.5°	18.4	7.3	3.7	0.0
-70°	18.4	7.3	3.7	0.0
-72.5°	14.7	7.3	3.7	0.0
-75°	14.7	7.3	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.3	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)