

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: P722428

Luminaire Tested: **IFLD-S-SA3A-730-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722428
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-730-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

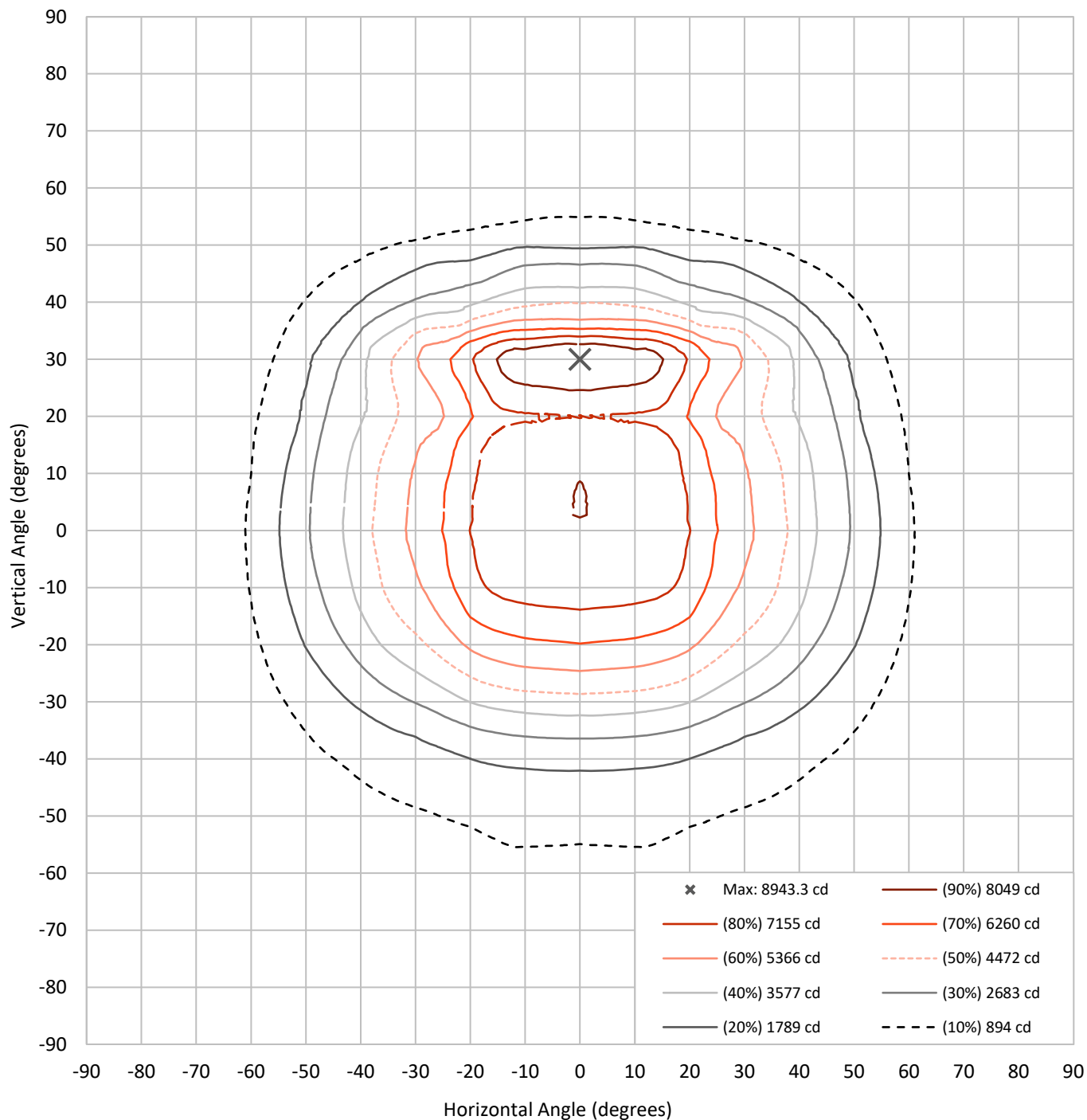
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12810.8 lumens	Max Intensity:	8943.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	135.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8172.7 lumens	Field Lumens:	12077.7 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	94.8		
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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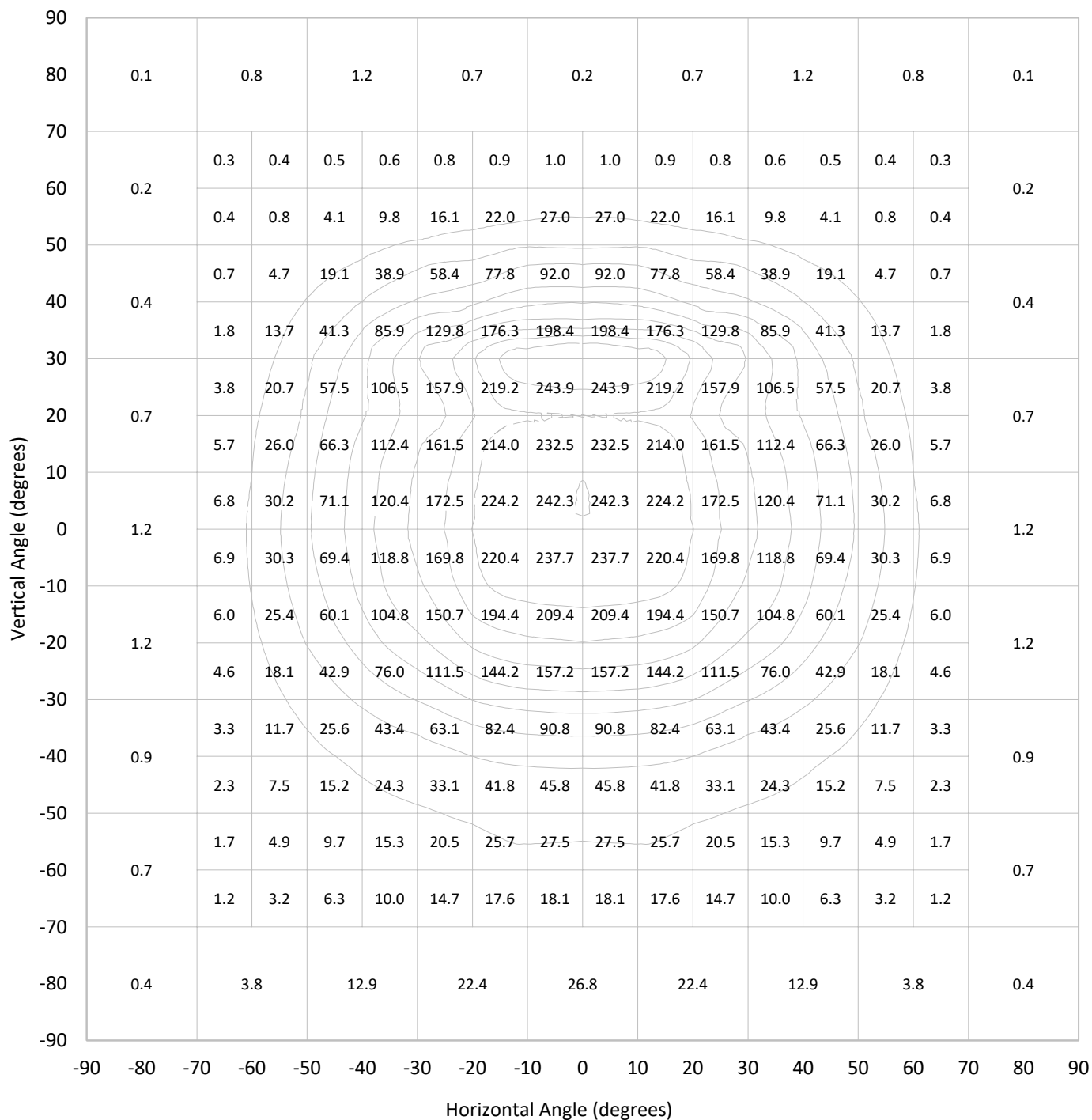
Iso-Candela Plot



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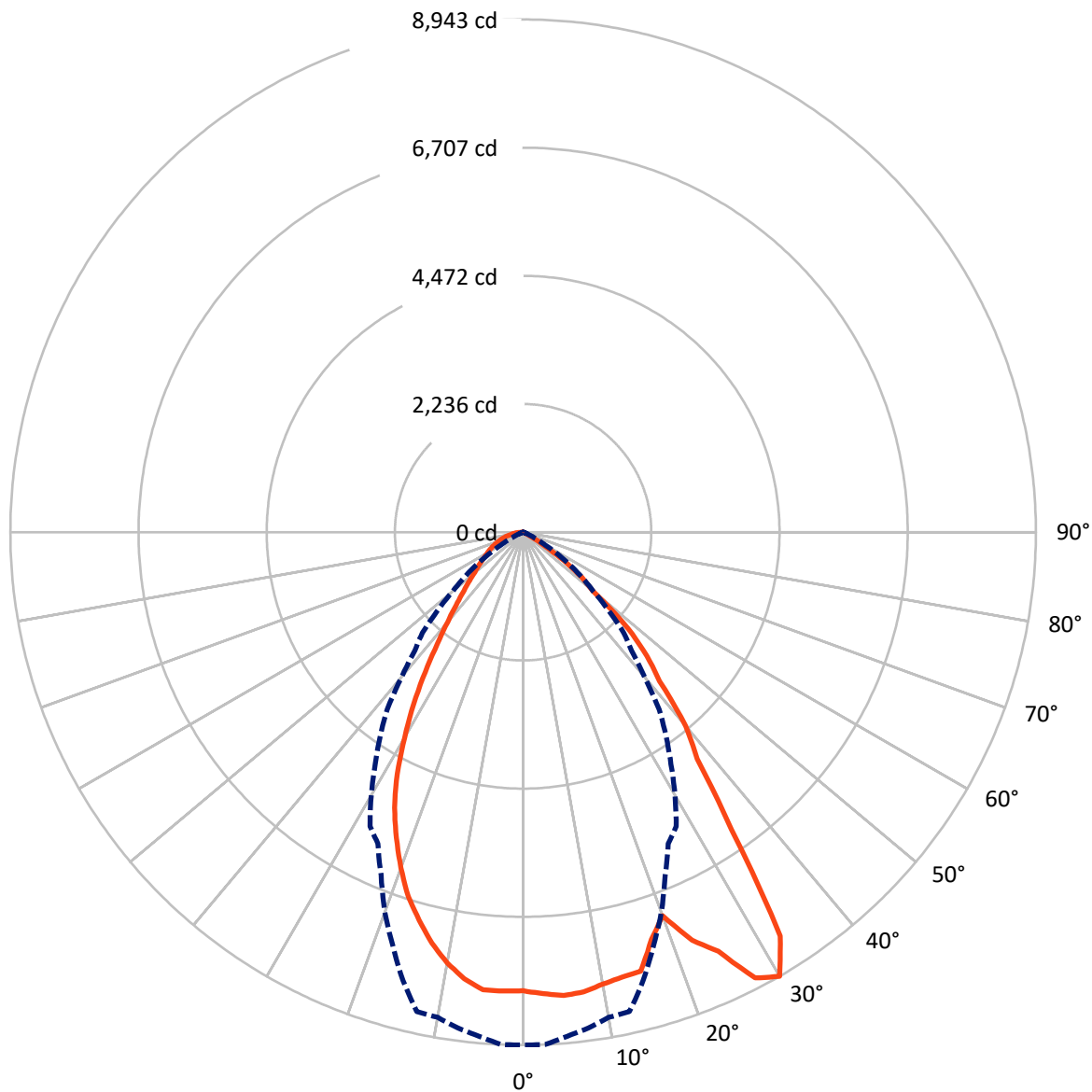
Lumen Table



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Luminous Intensity Polar Plot

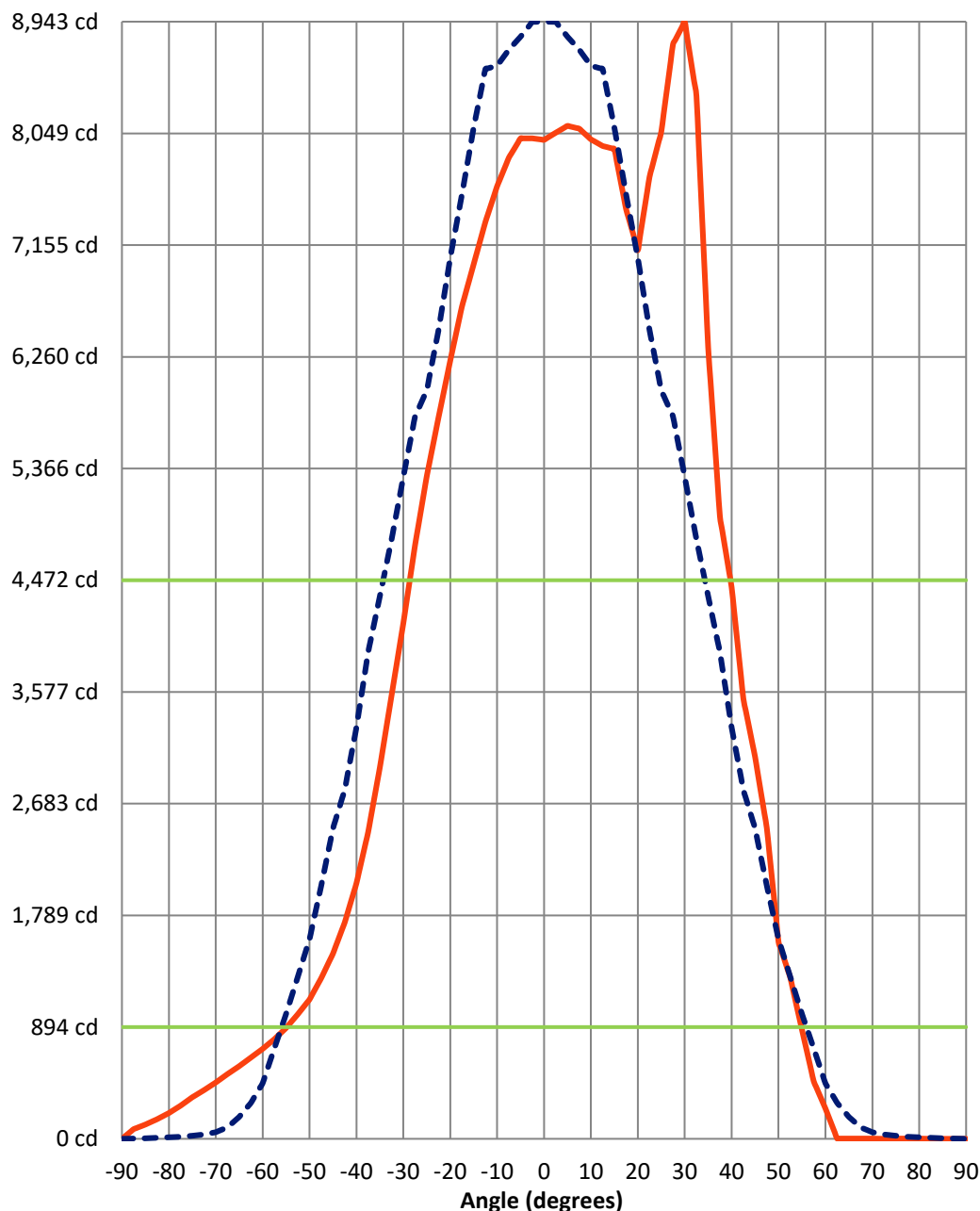


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8172.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 12077.7

Efficiency: 94.3%

Spill:

Lumens: 733.1

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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	0.0	2.0	2.0	2.0	4.1	4.1	4.1	4.1	4.1	4.1	6.1
82.5°	0.0	2.0	2.0	2.0	4.1	4.1	4.1	4.1	6.1	6.1	8.2
80°	2.0	2.0	2.0	2.0	4.1	4.1	4.1	6.1	6.1	8.2	8.2
77.5°	2.0	2.0	2.0	4.1	4.1	4.1	6.1	6.1	8.2	8.2	10.2
75°	2.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	8.2	8.2	10.2
72.5°	0.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	8.2	8.2	8.2
70°	2.0	2.0	2.0	4.1	4.1	6.1	6.1	6.1	8.2	8.2	8.2
67.5°	2.0	2.0	2.0	4.1	4.1	6.1	6.1	8.2	8.2	8.2	10.2
65°	2.0	2.0	2.0	4.1	6.1	6.1	8.2	10.2	10.2	12.2	14.3
62.5°	2.0	4.1	4.1	6.1	8.2	10.2	22.4	34.7	34.7	24.5	20.4
60°	242.7	263.1	261.1	236.6	206.0	173.4	167.2	161.1	148.9	130.5	136.6
57.5°	460.9	485.4	495.6	489.5	473.2	444.6	428.3	409.9	385.5	356.9	324.3
55°	872.9	883.1	860.7	817.9	770.9	724.0	707.7	683.2	646.5	609.8	560.9
52.5°	1291.0	1325.7	1315.5	1272.7	1209.4	1125.8	1034.0	962.7	919.8	879.0	830.1
50°	1576.6	1590.8	1619.4	1670.4	1688.7	1631.6	1482.7	1291.0	1154.4	1223.7	1170.7
47.5°	2488.2	2559.6	2545.3	2508.6	2447.4	2292.4	2084.4	1913.1	1770.3	1723.4	1731.6
45°	3057.3	3085.8	3075.6	3059.3	3030.7	2885.9	2655.5	2392.4	2259.8	2206.8	2151.7
42.5°	3524.3	3554.9	3561.0	3563.1	3532.5	3399.9	3191.9	2928.8	2796.2	2643.2	2522.9
40°	4415.6	4460.5	4409.5	4342.2	4240.2	4089.3	3885.3	3642.6	3408.1	3220.4	3077.7
37.5°	4984.6	5039.7	5060.1	5056.0	5033.6	4968.3	4717.4	4487.0	4128.0	3707.9	3783.3
35°	6334.8	6391.9	6375.6	6314.4	6281.8	6212.4	5967.7	5694.4	5243.6	4786.8	4664.4
32.5°	8347.8	8472.2	8239.7	7984.8	7827.7	7882.8	7634.0	6965.0	6757.0	5933.0	5551.6
30°	8943.3	8941.3	8823.0	8719.0	8590.5	8564.0	8094.9	7560.5	7050.7	6473.5	5992.1
27.5°	8761.8	8725.1	8625.2	8549.7	8429.4	8366.2	7907.3	7483.0	6893.6	6377.6	5912.6
25°	8062.3	8090.8	7988.8	7974.6	7927.7	7805.3	7576.9	7099.6	6573.4	6002.3	5667.9
22.5°	7701.3	7691.1	7568.7	7497.3	7554.4	7423.9	7332.1	6850.8	6302.1	5820.8	5419.0
20°	7113.9	7115.9	7085.3	7079.2	7044.5	6985.4	6912.0	6571.4	6183.9	5771.9	5288.5
17.5°	7442.2	7525.9	7562.6	7258.7	7344.3	7277.0	7199.5	6724.3	6432.7	6067.6	5437.4
15°	7923.6	7893.0	7856.3	7840.0	7793.0	7729.8	7589.1	7209.7	6708.0	6330.7	5839.2
12.5°	7948.1	7888.9	7874.6	7872.6	7823.6	7735.9	7599.3	7285.2	6840.6	6381.7	5981.9
10°	8001.1	7939.9	7931.7	7941.9	7866.5	7811.4	7674.8	7383.1	6881.4	6469.4	6092.1
7.5°	8086.7	7984.8	8031.7	8001.1	7966.4	7878.7	7731.9	7446.3	7030.3	6585.6	6190.0
5°	8109.2	7997.0	8048.0	8019.4	7968.4	7882.8	7723.7	7487.1	7122.0	6632.6	6228.7
2.5°	8054.1	8021.5	7999.0	7946.0	7923.6	7829.8	7678.8	7425.9	7079.2	6612.2	6220.6
0°	7997.0	8025.6	7974.6	7921.5	7911.3	7835.9	7707.4	7479.0	7179.1	6669.3	6289.9
-2.5°	8009.2	7986.8	7952.1	7897.1	7844.0	7735.9	7619.7	7405.5	7083.3	6544.9	6192.0
-5°	8009.2	7905.2	7909.3	7911.3	7858.3	7746.1	7605.4	7423.9	7026.2	6542.8	6163.5
-7.5°	7854.2	7764.5	7750.2	7738.0	7723.7	7619.7	7509.6	7283.2	6930.3	6489.8	6083.9
-10°	7625.8	7538.1	7546.3	7527.9	7483.0	7413.7	7330.1	7126.1	6836.5	6322.5	5922.8
-12.5°	7340.3	7301.5	7279.1	7248.5	7203.6	7142.4	7056.8	6865.1	6555.1	6116.6	5737.2
-15°	7001.7	6973.2	6952.8	6934.4	6869.1	6805.9	6693.7	6516.3	6322.5	5851.4	5463.9
-17.5°	6663.1	6591.8	6563.2	6538.7	6495.9	6393.9	6292.0	6159.4	5888.1	5514.9	5182.4
-20°	6228.7	6185.9	6151.2	6118.6	6057.4	5977.9	5894.2	5741.3	5506.7	5204.9	4860.2

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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°	5773.9	5749.4	5720.9	5680.1	5639.3	5563.8	5447.6	5300.7	5117.2	4790.9	4468.6
-25°	5304.8	5257.9	5223.2	5184.5	5151.9	5082.5	4970.3	4829.6	4599.1	4317.7	4048.5
-27.5°	4752.1	4707.2	4688.9	4644.0	4615.5	4552.2	4440.1	4309.5	4101.5	3864.9	3591.6
-30°	4128.0	4136.2	4115.8	4072.9	4038.3	3956.7	3871.0	3760.9	3597.7	3371.3	3126.6
-32.5°	3550.8	3561.0	3536.5	3491.7	3446.8	3387.7	3308.1	3208.2	3085.8	2869.6	2657.5
-35°	2973.6	2969.6	2949.2	2922.6	2892.1	2843.1	2753.4	2677.9	2537.2	2386.3	2239.4
-37.5°	2455.6	2465.8	2459.7	2445.4	2410.7	2369.9	2296.5	2227.2	2123.2	1990.6	1876.4
-40°	2045.6	2057.9	2049.7	2035.5	2004.9	1980.4	1931.4	1870.2	1786.6	1672.4	1576.6
-42.5°	1731.6	1739.7	1729.5	1717.3	1690.8	1672.4	1633.7	1582.7	1513.3	1425.6	1340.0
-45°	1482.7	1484.8	1474.6	1466.4	1446.0	1423.6	1391.0	1350.2	1295.1	1233.9	1164.6
-47.5°	1286.9	1284.9	1274.7	1266.5	1250.2	1229.8	1203.3	1166.6	1123.8	1076.9	1021.8
-50°	1115.6	1125.8	1121.7	1113.6	1101.3	1087.1	1060.6	1021.8	979.0	944.3	905.6
-52.5°	997.3	999.4	997.3	997.3	995.3	985.1	954.5	915.7	868.8	838.2	805.6
-55°	887.2	897.4	901.5	905.6	907.6	907.6	870.9	830.1	785.2	754.6	730.2
-57.5°	797.5	803.6	807.7	817.9	826.0	832.1	799.5	762.8	728.1	699.6	677.1
-60°	720.0	728.1	734.2	744.4	750.5	754.6	734.2	709.8	689.4	671.0	638.4
-62.5°	650.6	656.7	662.8	669.0	675.1	679.2	671.0	658.8	648.6	640.4	599.6
-65°	581.3	587.4	593.5	601.7	607.8	611.9	609.8	601.7	593.5	585.3	548.6
-67.5°	518.0	524.2	532.3	534.4	538.4	540.5	536.4	530.3	520.1	509.9	481.3
-70°	450.7	454.8	458.9	458.9	458.9	456.9	452.8	444.6	434.4	420.1	397.7
-72.5°	389.6	393.6	397.7	391.6	387.5	381.4	375.3	365.1	354.9	344.7	332.4
-75°	332.4	334.5	334.5	326.3	320.2	314.1	305.9	299.8	289.6	281.5	271.3
-77.5°	265.1	265.1	265.1	259.0	254.9	250.9	244.7	238.6	230.5	224.3	216.2
-80°	206.0	206.0	206.0	204.0	197.8	193.8	189.7	185.6	179.5	175.4	171.3
-82.5°	157.0	157.0	157.0	155.0	150.9	148.9	144.8	140.7	138.7	134.6	132.6
-85°	114.2	116.3	116.3	114.2	112.2	108.1	106.1	104.0	102.0	99.9	95.9
-87.5°	77.5	77.5	77.5	75.5	73.4	73.4	71.4	67.3	63.2	61.2	59.1
-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	6.1	6.1	6.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	6.1
82.5°	10.2	10.2	12.2	12.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3
80°	10.2	12.2	14.3	16.3	18.4	20.4	20.4	20.4	20.4	18.4	18.4
77.5°	12.2	12.2	14.3	16.3	18.4	20.4	22.4	24.5	22.4	22.4	22.4
75°	12.2	14.3	14.3	16.3	18.4	20.4	22.4	24.5	24.5	24.5	24.5
72.5°	10.2	12.2	14.3	16.3	16.3	18.4	20.4	20.4	22.4	22.4	24.5
70°	10.2	12.2	14.3	14.3	16.3	16.3	18.4	20.4	20.4	22.4	22.4
67.5°	12.2	14.3	14.3	16.3	18.4	18.4	18.4	20.4	20.4	22.4	22.4
65°	14.3	16.3	16.3	18.4	20.4	20.4	22.4	22.4	22.4	24.5	24.5
62.5°	24.5	24.5	24.5	22.4	24.5	24.5	24.5	26.5	26.5	24.5	26.5
60°	126.5	91.8	63.2	79.5	71.4	32.6	32.6	32.6	30.6	30.6	28.6
57.5°	297.8	277.4	238.6	201.9	181.5	161.1	99.9	40.8	40.8	36.7	32.6
55°	497.6	430.3	401.8	352.8	299.8	275.3	228.4	155.0	73.4	48.9	42.8
52.5°	770.9	707.7	634.3	534.4	463.0	405.9	367.1	291.7	195.8	104.0	65.3
50°	1032.0	1003.4	958.6	860.7	711.8	615.9	552.7	467.1	350.8	214.2	122.4
47.5°	1662.2	1423.6	1278.8	1203.3	1078.9	897.4	775.0	679.2	538.4	361.0	216.2
45°	2092.6	1941.6	1711.2	1552.1	1368.5	1176.8	1017.7	907.6	740.3	540.5	338.6
42.5°	2461.7	2331.2	2123.2	1890.6	1696.9	1446.0	1242.1	1097.3	956.5	738.3	505.8
40°	2936.9	2781.9	2582.0	2355.7	2129.3	1809.1	1478.7	1303.3	1148.3	954.5	683.2
37.5°	3720.1	3446.8	3120.5	2869.6	2573.9	2302.6	1849.9	1539.8	1356.3	1154.4	891.3
35°	4662.4	4362.6	3818.0	3485.6	3089.9	2686.1	2278.2	1819.3	1558.2	1344.1	1083.0
32.5°	5539.4	5100.9	4403.3	4013.8	3750.7	3006.3	2584.1	2186.4	1766.2	1503.1	1193.1
30°	5782.1	5298.7	4799.0	4344.2	3895.5	3293.8	2794.2	2484.1	2027.3	1599.0	1297.1
27.5°	5537.3	5204.9	4817.4	4395.2	3909.8	3393.8	2922.6	2626.9	2219.0	1664.3	1378.7
25°	5288.5	4941.8	4670.5	4317.7	3869.0	3387.7	2926.7	2716.7	2367.9	1790.7	1423.6
22.5°	5025.4	4809.2	4584.9	4191.2	3767.0	3406.0	3059.3	2794.2	2445.4	1933.5	1441.9
20°	5039.7	4899.0	4652.2	4126.0	3748.7	3514.1	3218.4	2892.1	2529.0	2057.9	1456.2
17.5°	5268.1	5084.5	4774.5	4317.7	3913.9	3624.2	3350.9	3026.7	2614.7	2168.0	1629.6
15°	5549.6	5270.1	4945.9	4544.1	4087.2	3744.6	3452.9	3120.5	2712.6	2270.0	1784.6
12.5°	5753.5	5355.8	5051.9	4688.9	4274.9	3875.1	3520.2	3191.9	2804.4	2353.6	1900.8
10°	5822.9	5461.9	5102.9	4778.6	4370.7	3944.5	3571.2	3236.7	2883.9	2418.9	1986.5
7.5°	5859.6	5553.6	5137.6	4819.4	4427.8	3987.3	3612.0	3261.2	2947.1	2463.8	2041.6
5°	5855.5	5602.6	5164.1	4831.6	4458.4	4005.6	3640.6	3267.3	2992.0	2502.5	2074.2
2.5°	5837.1	5635.2	5206.9	4852.0	4519.6	4040.3	3695.6	3279.6	3008.3	2545.3	2096.6
0°	5904.4	5637.3	5251.8	4858.2	4560.4	4052.5	3720.1	3269.4	2985.9	2557.6	2094.6
-2.5°	5759.6	5516.9	5241.6	4805.1	4505.3	4024.0	3675.2	3236.7	2936.9	2543.3	2086.4
-5°	5735.2	5429.2	5155.9	4756.2	4413.5	3964.8	3591.6	3175.5	2859.4	2496.4	2053.8
-7.5°	5669.9	5345.6	5072.3	4717.4	4327.9	3903.7	3512.1	3112.3	2775.8	2423.0	2006.9
-10°	5527.1	5217.1	4982.6	4633.8	4223.9	3816.0	3416.2	3028.7	2677.9	2323.0	1933.5
-12.5°	5323.2	5013.2	4780.7	4456.4	4093.3	3697.7	3302.0	2920.6	2565.7	2217.0	1845.8
-15°	5092.7	4778.6	4546.1	4250.4	3899.6	3514.1	3157.2	2784.0	2437.2	2104.8	1741.8
-17.5°	4831.6	4533.9	4309.5	4022.0	3673.2	3306.1	2951.2	2612.6	2288.4	1988.5	1621.4
-20°	4529.8	4240.2	4034.2	3746.6	3426.4	3069.5	2724.8	2404.6	2113.0	1831.5	1488.9

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4156.6	3901.6	3667.1	3410.1	3130.7	2804.4	2484.1	2200.7	1921.2	1645.9	1352.2
-25°	3775.2	3528.4	3300.0	3065.4	2798.2	2516.8	2243.5	1986.5	1713.2	1464.4	1219.6
-27.5°	3350.9	3130.7	2926.7	2710.5	2465.8	2223.1	1998.7	1747.9	1511.3	1299.2	1089.1
-30°	2898.2	2718.7	2541.3	2349.5	2151.7	1947.8	1747.9	1511.3	1325.7	1156.4	979.0
-32.5°	2463.8	2302.6	2159.9	2017.1	1845.8	1678.5	1501.1	1325.7	1170.7	1021.8	872.9
-35°	2082.4	1911.0	1831.5	1717.3	1580.6	1429.7	1284.9	1162.5	1038.1	903.5	770.9
-37.5°	1752.0	1641.8	1548.0	1462.3	1354.2	1223.7	1119.7	1019.8	915.7	793.4	679.2
-40°	1492.9	1413.4	1319.6	1256.4	1168.7	1074.8	970.8	887.2	799.5	699.6	605.7
-42.5°	1284.9	1219.6	1158.5	1091.1	1025.9	946.3	856.6	777.1	697.5	624.1	546.6
-45°	1113.6	1066.7	1017.7	962.7	905.6	836.2	762.8	681.2	624.1	558.8	493.6
-47.5°	972.9	938.2	897.4	854.6	805.6	744.4	677.1	618.0	558.8	503.8	440.5
-50°	860.7	828.0	795.4	758.7	715.9	662.8	611.9	556.8	501.7	448.7	389.6
-52.5°	766.9	738.3	711.8	681.2	640.4	595.5	548.6	499.7	448.7	395.7	348.8
-55°	701.6	669.0	642.5	611.9	575.1	532.3	489.5	444.6	395.7	354.9	316.1
-57.5°	648.6	611.9	581.3	548.6	511.9	475.2	436.5	395.7	359.0	320.2	283.5
-60°	603.7	560.9	526.2	493.6	458.9	424.2	391.6	356.9	322.2	287.6	250.9
-62.5°	556.8	511.9	469.1	438.5	412.0	381.4	352.8	320.2	289.6	254.9	228.4
-65°	503.8	460.9	420.1	393.6	369.2	342.6	316.1	287.6	261.1	234.5	210.1
-67.5°	444.6	407.9	379.4	354.9	330.4	308.0	283.5	259.0	236.6	210.1	185.6
-70°	373.2	352.8	336.5	318.2	295.7	275.3	252.9	230.5	206.0	183.6	161.1
-72.5°	318.2	305.9	293.7	275.3	254.9	236.6	218.2	197.8	177.4	157.0	138.7
-75°	261.1	250.9	240.7	228.4	212.1	197.8	181.5	163.2	146.8	132.6	118.3
-77.5°	210.1	201.9	195.8	185.6	173.4	161.1	150.9	138.7	126.5	112.2	97.9
-80°	167.2	163.2	161.1	157.0	146.8	136.6	128.5	118.3	106.1	95.9	85.7
-82.5°	130.5	130.5	128.5	126.5	118.3	110.1	104.0	95.9	87.7	79.5	69.3
-85°	95.9	93.8	93.8	91.8	85.7	81.6	75.5	71.4	65.3	57.1	53.0
-87.5°	57.1	55.1	53.0	51.0	46.9	44.9	40.8	38.8	34.7	30.6	28.6
-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-SA3A-730-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
85°	6.1	4.1	4.1	4.1	4.1	4.1	2.0	2.0	2.0	2.0	2.0
82.5°	12.2	12.2	10.2	10.2	8.2	6.1	4.1	4.1	4.1	2.0	2.0
80°	18.4	18.4	18.4	16.3	14.3	10.2	8.2	6.1	4.1	2.0	2.0
77.5°	22.4	20.4	20.4	18.4	18.4	16.3	12.2	10.2	6.1	4.1	2.0
75°	22.4	22.4	22.4	20.4	20.4	18.4	16.3	12.2	10.2	6.1	4.1
72.5°	24.5	22.4	22.4	22.4	20.4	18.4	16.3	14.3	12.2	8.2	4.1
70°	22.4	22.4	22.4	22.4	20.4	20.4	16.3	14.3	14.3	8.2	6.1
67.5°	22.4	22.4	22.4	20.4	20.4	18.4	16.3	14.3	14.3	10.2	6.1
65°	24.5	22.4	22.4	22.4	20.4	18.4	16.3	14.3	14.3	12.2	8.2
62.5°	26.5	24.5	24.5	22.4	20.4	18.4	16.3	14.3	14.3	12.2	8.2
60°	28.6	26.5	24.5	24.5	22.4	20.4	16.3	16.3	14.3	12.2	8.2
57.5°	30.6	28.6	28.6	26.5	24.5	22.4	18.4	16.3	14.3	12.2	10.2
55°	36.7	32.6	30.6	30.6	28.6	24.5	20.4	16.3	14.3	12.2	10.2
52.5°	48.9	38.8	34.7	34.7	32.6	28.6	22.4	18.4	14.3	12.2	10.2
50°	77.5	48.9	40.8	36.7	36.7	32.6	26.5	20.4	14.3	12.2	10.2
47.5°	122.4	81.6	48.9	42.8	40.8	38.8	30.6	20.4	16.3	12.2	10.2
45°	201.9	120.3	79.5	51.0	42.8	40.8	34.7	22.4	16.3	14.3	10.2
42.5°	277.4	187.6	122.4	61.2	51.0	44.9	36.7	24.5	18.4	14.3	10.2
40°	436.5	257.0	171.3	99.9	59.1	46.9	40.8	28.6	18.4	14.3	10.2
37.5°	591.5	340.6	230.5	146.8	67.3	53.0	42.8	30.6	20.4	14.3	12.2
35°	746.5	477.3	285.5	195.8	89.7	63.2	44.9	32.6	20.4	14.3	12.2
32.5°	885.2	605.7	342.6	244.7	134.6	75.5	48.9	34.7	22.4	16.3	12.2
30°	999.4	724.0	444.6	287.6	175.4	91.8	53.0	34.7	24.5	16.3	12.2
27.5°	1085.0	815.8	548.6	332.4	210.1	108.1	61.2	38.8	24.5	16.3	12.2
25°	1154.4	887.2	640.4	379.4	240.7	134.6	73.4	40.8	26.5	18.4	12.2
22.5°	1209.4	946.3	715.9	442.6	277.4	161.1	89.7	44.9	26.5	18.4	12.2
20°	1284.9	1005.5	766.9	509.9	316.1	185.6	104.0	48.9	26.5	18.4	14.3
17.5°	1350.2	1064.6	807.7	567.0	354.9	204.0	120.3	53.0	28.6	18.4	14.3
15°	1425.6	1121.7	844.4	611.9	391.6	220.3	134.6	57.1	28.6	20.4	14.3
12.5°	1507.2	1174.8	870.9	648.6	430.3	234.5	146.8	65.3	30.6	20.4	14.3
10°	1590.8	1219.6	893.3	675.1	458.9	248.8	155.0	73.4	32.6	20.4	14.3
7.5°	1674.5	1260.4	921.9	687.3	471.1	265.1	159.1	81.6	32.6	22.4	14.3
5°	1731.6	1286.9	962.7	695.5	477.3	283.5	165.2	91.8	34.7	22.4	14.3
2.5°	1780.5	1303.3	1005.5	701.6	479.3	293.7	163.2	97.9	36.7	22.4	14.3
0°	1802.9	1303.3	1034.0	697.5	473.2	303.9	163.2	104.0	36.7	22.4	14.3
-2.5°	1768.3	1340.0	1025.9	699.6	475.2	303.9	171.3	106.1	40.8	24.5	14.3
-5°	1713.2	1354.2	1001.4	689.4	471.1	303.9	181.5	108.1	42.8	24.5	16.3
-7.5°	1660.2	1360.4	972.9	679.2	465.0	295.7	183.6	106.1	46.9	26.5	16.3
-10°	1590.8	1293.1	936.1	660.8	452.8	289.6	187.6	106.1	48.9	26.5	16.3
-12.5°	1511.3	1211.5	891.3	634.3	438.5	283.5	189.7	106.1	51.0	28.6	16.3
-15°	1419.5	1127.9	840.3	605.7	418.1	275.3	185.6	104.0	53.0	28.6	18.4
-17.5°	1315.5	1046.3	787.3	571.1	395.7	265.1	177.4	102.0	53.0	28.6	18.4
-20°	1197.2	964.7	728.1	536.4	369.2	252.9	169.3	97.9	53.0	28.6	18.4



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CATALOG NUMBER: IFLD-S-SA3A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1091.1	889.2	666.9	497.6	340.6	238.6	159.1	93.8	53.0	30.6	18.4
-25°	1003.4	815.8	620.0	458.9	310.0	222.3	148.9	89.7	53.0	30.6	18.4
-27.5°	911.7	736.3	571.1	422.2	289.6	208.0	138.7	85.7	51.0	30.6	18.4
-30°	817.9	658.8	520.1	381.4	269.2	193.8	130.5	79.5	51.0	30.6	18.4
-32.5°	732.2	595.5	473.2	340.6	246.8	179.5	122.4	77.5	48.9	30.6	18.4
-35°	648.6	538.4	424.2	308.0	222.3	165.2	114.2	75.5	48.9	30.6	18.4
-37.5°	579.2	485.4	379.4	285.5	208.0	153.0	106.1	71.4	46.9	30.6	18.4
-40°	522.1	436.5	336.5	261.1	195.8	140.7	97.9	69.3	46.9	30.6	18.4
-42.5°	469.1	389.6	310.0	240.7	183.6	132.6	91.8	67.3	44.9	30.6	18.4
-45°	422.2	348.8	283.5	222.3	169.3	122.4	87.7	63.2	42.8	30.6	20.4
-47.5°	375.3	320.2	259.0	206.0	155.0	110.1	83.6	61.2	40.8	28.6	20.4
-50°	338.6	289.6	238.6	187.6	140.7	106.1	79.5	57.1	40.8	28.6	20.4
-52.5°	305.9	261.1	216.2	169.3	128.5	99.9	75.5	53.0	38.8	28.6	20.4
-55°	275.3	234.5	193.8	150.9	120.3	93.8	69.3	48.9	38.8	28.6	20.4
-57.5°	244.7	210.1	171.3	136.6	110.1	87.7	65.3	48.9	38.8	28.6	20.4
-60°	220.3	187.6	155.0	126.5	102.0	79.5	59.1	46.9	36.7	28.6	20.4
-62.5°	199.9	169.3	140.7	114.2	93.8	71.4	57.1	46.9	36.7	28.6	18.4
-65°	179.5	153.0	126.5	104.0	83.6	67.3	55.1	44.9	36.7	28.6	18.4
-67.5°	159.1	134.6	114.2	91.8	77.5	65.3	53.0	44.9	34.7	26.5	18.4
-70°	138.7	118.3	99.9	85.7	73.4	61.2	51.0	42.8	34.7	24.5	16.3
-72.5°	122.4	104.0	89.7	79.5	69.3	59.1	48.9	40.8	32.6	22.4	14.3
-75°	104.0	91.8	81.6	71.4	63.2	55.1	46.9	36.7	28.6	20.4	14.3
-77.5°	87.7	79.5	71.4	65.3	57.1	48.9	40.8	32.6	26.5	18.4	12.2
-80°	75.5	69.3	63.2	57.1	51.0	42.8	36.7	28.6	22.4	16.3	10.2
-82.5°	61.2	57.1	51.0	46.9	42.8	36.7	30.6	24.5	16.3	12.2	8.2
-85°	46.9	42.8	40.8	36.7	32.6	26.5	20.4	16.3	12.2	8.2	4.1
-87.5°	24.5	22.4	20.4	18.4	16.3	12.2	10.2	8.2	6.1	4.1	2.0
-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-S-SA3A-730-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°	2.0	0.0	0.0	0.0
77.5°	2.0	0.0	0.0	0.0
75°	2.0	2.0	0.0	0.0
72.5°	2.0	2.0	0.0	0.0
70°	2.0	2.0	0.0	0.0
67.5°	4.1	2.0	0.0	0.0
65°	4.1	2.0	0.0	0.0
62.5°	4.1	2.0	0.0	0.0
60°	4.1	2.0	0.0	0.0
57.5°	6.1	2.0	2.0	0.0
55°	6.1	2.0	2.0	0.0
52.5°	6.1	2.0	2.0	0.0
50°	6.1	4.1	2.0	0.0
47.5°	6.1	4.1	2.0	0.0
45°	6.1	4.1	2.0	0.0
42.5°	6.1	4.1	2.0	0.0
40°	8.2	4.1	2.0	0.0
37.5°	8.2	4.1	2.0	0.0
35°	8.2	4.1	2.0	0.0
32.5°	8.2	4.1	2.0	0.0
30°	8.2	4.1	2.0	0.0
27.5°	8.2	6.1	2.0	0.0
25°	8.2	6.1	2.0	0.0
22.5°	10.2	6.1	2.0	0.0
20°	10.2	6.1	2.0	0.0
17.5°	10.2	6.1	2.0	0.0
15°	10.2	6.1	2.0	0.0
12.5°	10.2	6.1	2.0	0.0
10°	10.2	6.1	2.0	0.0
7.5°	10.2	6.1	2.0	0.0
5°	10.2	6.1	2.0	0.0
2.5°	10.2	6.1	2.0	0.0
0°	10.2	6.1	2.0	0.0
-2.5°	10.2	6.1	2.0	0.0
-5°	10.2	6.1	2.0	0.0
-7.5°	10.2	6.1	2.0	0.0
-10°	10.2	6.1	2.0	0.0
-12.5°	12.2	6.1	2.0	0.0
-15°	12.2	6.1	2.0	0.0
-17.5°	12.2	6.1	2.0	0.0
-20°	12.2	6.1	2.0	0.0

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CATALOG NUMBER: IFLD-S-SA3A-730-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.2	6.1	2.0	0.0
-25°	12.2	6.1	2.0	0.0
-27.5°	12.2	6.1	2.0	0.0
-30°	12.2	6.1	2.0	0.0
-32.5°	12.2	6.1	2.0	0.0
-35°	12.2	6.1	2.0	0.0
-37.5°	12.2	6.1	2.0	0.0
-40°	12.2	6.1	2.0	0.0
-42.5°	10.2	6.1	2.0	0.0
-45°	12.2	6.1	2.0	0.0
-47.5°	12.2	6.1	2.0	0.0
-50°	12.2	6.1	2.0	0.0
-52.5°	12.2	6.1	2.0	0.0
-55°	12.2	6.1	2.0	0.0
-57.5°	12.2	6.1	2.0	0.0
-60°	12.2	6.1	2.0	0.0
-62.5°	10.2	6.1	2.0	0.0
-65°	10.2	4.1	2.0	0.0
-67.5°	10.2	4.1	2.0	0.0
-70°	10.2	4.1	2.0	0.0
-72.5°	8.2	4.1	2.0	0.0
-75°	8.2	4.1	2.0	0.0
-77.5°	6.1	2.0	0.0	0.0
-80°	6.1	2.0	0.0	0.0
-82.5°	4.1	2.0	0.0	0.0
-85°	2.0	2.0	0.0	0.0
-87.5°	2.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)