

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: P722693

Luminaire Tested: **IFLD-S-SA3E-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722693
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18313.8 lumens	Max Intensity:	12785.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.9 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:	11683.4 lumens	Field Lumens:	17265.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

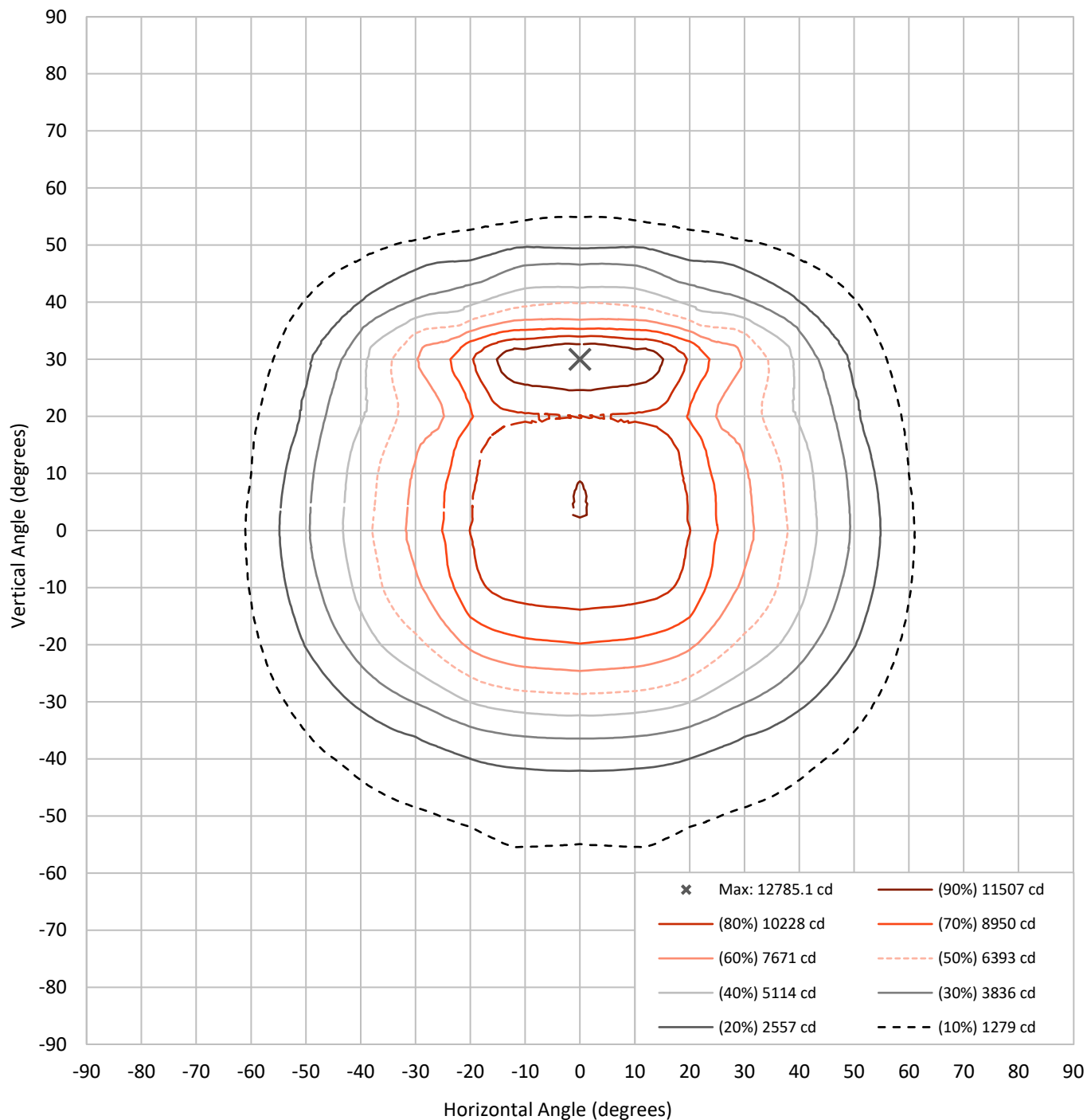
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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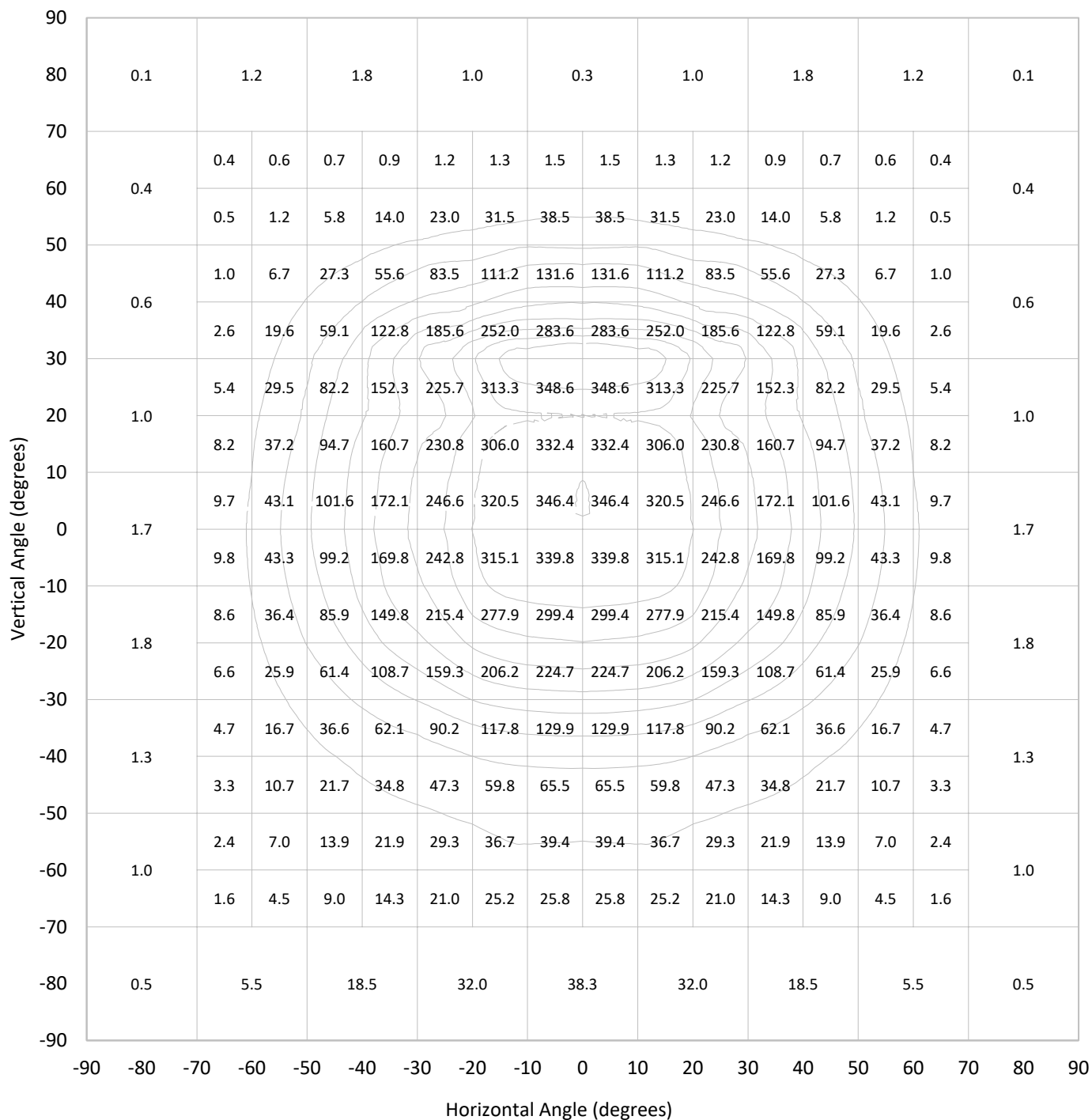
Iso-Candela Plot



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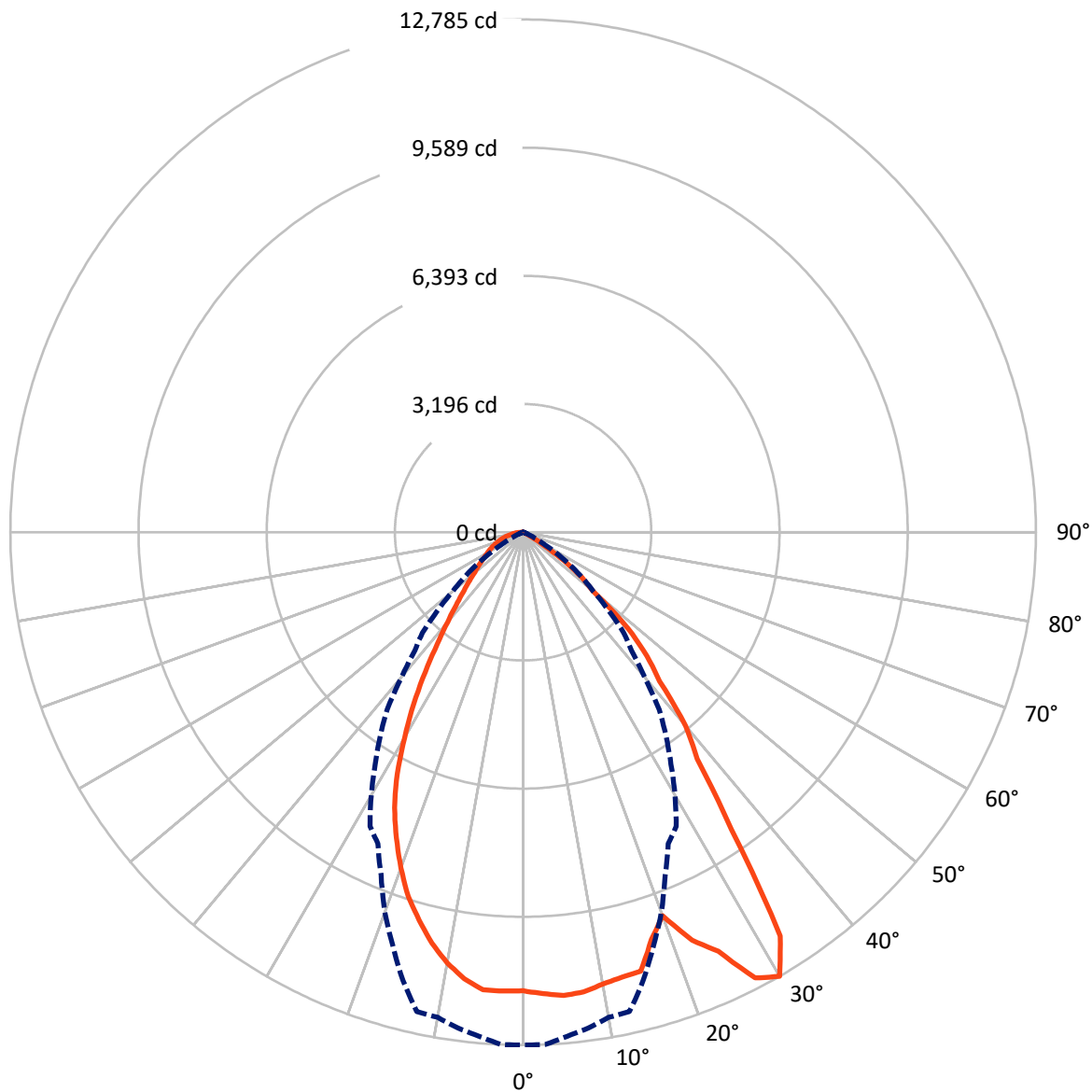
Lumen Table



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Luminous Intensity Polar Plot

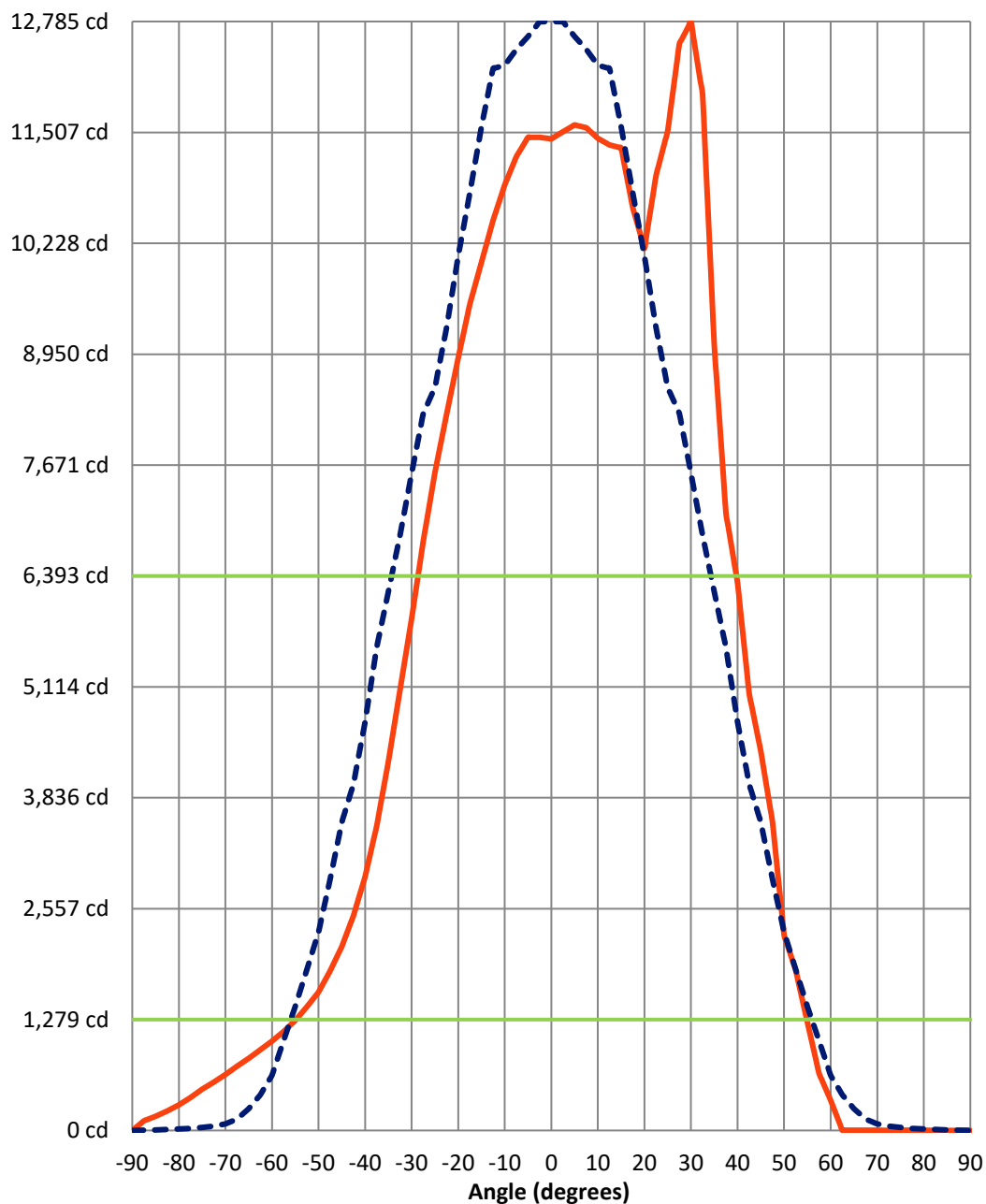


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11683.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17265.8

Efficiency: 94.3%

Spill:

Lumens: 1048

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	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8	8.7
82.5°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	8.7	8.7	11.7
80°	2.9	2.9	2.9	2.9	5.8	5.8	5.8	8.7	8.7	11.7	11.7
77.5°	2.9	2.9	2.9	5.8	5.8	5.8	8.7	8.7	11.7	11.7	14.6
75°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.7	11.7	14.6
72.5°	0.0	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.7	11.7	11.7
70°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	8.7	11.7	11.7	11.7
67.5°	2.9	2.9	2.9	5.8	5.8	8.7	8.7	11.7	11.7	11.7	14.6
65°	2.9	2.9	2.9	5.8	8.7	8.7	11.7	14.6	14.6	17.5	20.4
62.5°	2.9	5.8	5.8	8.7	11.7	14.6	32.1	49.6	49.6	35.0	29.2
60°	347.0	376.1	373.2	338.2	294.5	247.8	239.1	230.3	212.8	186.6	195.3
57.5°	658.9	693.9	708.5	699.8	676.4	635.6	612.3	586.0	551.1	510.2	463.6
55°	1247.9	1262.5	1230.4	1169.2	1102.1	1035.1	1011.7	976.7	924.3	871.8	801.8
52.5°	1845.6	1895.2	1880.6	1819.4	1729.0	1609.4	1478.2	1376.2	1315.0	1256.6	1186.7
50°	2253.8	2274.2	2315.0	2387.9	2414.1	2332.5	2119.7	1845.6	1650.3	1749.4	1673.6
47.5°	3557.1	3659.1	3638.7	3586.2	3498.8	3277.2	2979.8	2734.9	2530.8	2463.7	2475.4
45°	4370.5	4411.4	4396.8	4373.5	4332.6	4125.6	3796.2	3420.0	3230.5	3154.7	3076.0
42.5°	5038.2	5082.0	5090.7	5093.6	5049.9	4860.4	4563.0	4186.9	3997.3	3778.7	3606.6
40°	6312.4	6376.5	6303.6	6207.4	6061.6	5845.9	5554.3	5207.3	4872.0	4603.8	4399.7
37.5°	7125.8	7204.5	7233.7	7227.9	7195.8	7102.5	6743.9	6414.4	5901.3	5300.6	5408.5
35°	9056.0	9137.6	9114.3	9026.8	8980.2	8881.0	8531.2	8140.5	7496.1	6843.0	6668.1
32.5°	11933.7	12111.6	11779.2	11414.7	11190.2	11268.9	10913.2	9956.9	9659.5	8481.6	7936.4
30°	12785.1	12782.2	12613.1	12464.4	12280.7	12242.8	11572.2	10808.3	10079.4	9254.2	8566.1
27.5°	12525.6	12473.1	12330.2	12222.4	12050.3	11959.9	11303.9	10697.5	9854.9	9117.2	8452.4
25°	11525.5	11566.3	11420.6	11400.1	11333.1	11158.1	10831.6	10149.3	9397.1	8580.7	8102.6
22.5°	11009.4	10994.9	10819.9	10717.9	10799.5	10612.9	10481.7	9793.6	9009.3	8321.2	7746.9
20°	10169.7	10172.7	10128.9	10120.2	10070.6	9986.1	9881.1	9394.2	8840.2	8251.3	7560.2
17.5°	10639.2	10758.7	10811.2	10376.8	10499.2	10403.0	10292.2	9612.9	9195.9	8674.0	7773.1
15°	11327.3	11283.5	11231.0	11207.7	11140.7	11050.3	10849.1	10306.8	9589.5	9050.1	8347.5
12.5°	11362.2	11277.7	11257.3	11254.4	11184.4	11059.0	10863.7	10414.7	9779.1	9123.0	8551.6
10°	11438.0	11350.6	11338.9	11353.5	11245.6	11166.9	10971.5	10554.6	9837.4	9248.4	8709.0
7.5°	11560.5	11414.7	11481.8	11438.0	11388.5	11263.1	11053.2	10645.0	10050.2	9414.6	8849.0
5°	11592.6	11432.2	11505.1	11464.3	11391.4	11268.9	11041.5	10703.3	10181.4	9481.7	8904.4
2.5°	11513.9	11467.2	11435.1	11359.3	11327.3	11193.1	10977.4	10615.8	10120.2	9452.5	8892.7
0°	11432.2	11473.0	11400.1	11324.3	11309.8	11201.9	11018.2	10691.6	10263.0	9534.1	8991.8
-2.5°	11449.7	11417.6	11368.1	11289.4	11213.5	11059.0	10892.8	10586.7	10126.0	9356.3	8851.9
-5°	11449.7	11301.0	11306.8	11309.8	11234.0	11073.6	10872.4	10612.9	10044.4	9353.4	8811.1
-7.5°	11228.1	11099.8	11079.4	11061.9	11041.5	10892.8	10735.4	10411.7	9907.3	9277.6	8697.3
-10°	10901.6	10776.2	10787.9	10761.6	10697.5	10598.3	10478.8	10187.2	9773.2	9038.5	8467.0
-12.5°	10493.4	10438.0	10405.9	10362.2	10298.0	10210.6	10088.1	9814.0	9370.9	8744.0	8201.7
-15°	10009.4	9968.6	9939.4	9913.2	9819.9	9729.5	9569.1	9315.5	9038.5	8365.0	7811.0
-17.5°	9525.4	9423.3	9382.5	9347.5	9286.3	9140.5	8994.7	8805.2	8417.4	7883.9	7408.6
-20°	8904.4	8843.1	8793.6	8746.9	8659.4	8545.7	8426.2	8207.5	7872.2	7440.7	6948.0

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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°	8254.2	8219.2	8178.4	8120.1	8061.7	7953.9	7787.7	7577.7	7315.3	6848.8	6388.2
-25°	7583.6	7516.5	7466.9	7411.6	7364.9	7265.8	7105.4	6904.2	6574.8	6172.4	5787.5
-27.5°	6793.4	6729.3	6703.1	6638.9	6598.1	6507.7	6347.3	6160.7	5863.3	5525.1	5134.4
-30°	5901.3	5912.9	5883.8	5822.5	5773.0	5656.3	5533.9	5376.4	5143.2	4819.5	4469.7
-32.5°	5076.1	5090.7	5055.7	4991.6	4927.4	4842.9	4729.2	4586.3	4411.4	4102.3	3799.1
-35°	4251.0	4245.2	4216.0	4178.1	4134.4	4064.4	3936.1	3828.2	3627.1	3411.3	3201.4
-37.5°	3510.4	3525.0	3516.3	3495.9	3446.3	3388.0	3283.0	3183.9	3035.2	2845.7	2682.4
-40°	2924.4	2941.9	2930.2	2909.8	2866.1	2831.1	2761.1	2673.6	2554.1	2390.8	2253.8
-42.5°	2475.4	2487.0	2472.5	2455.0	2417.1	2390.8	2335.4	2262.5	2163.4	2038.0	1915.6
-45°	2119.7	2122.6	2108.0	2096.3	2067.2	2035.1	1988.5	1930.2	1851.4	1764.0	1664.8
-47.5°	1839.8	1836.9	1822.3	1810.6	1787.3	1758.1	1720.2	1667.7	1606.5	1539.5	1460.7
-50°	1594.9	1609.4	1603.6	1591.9	1574.4	1554.0	1516.1	1460.7	1399.5	1349.9	1294.5
-52.5°	1425.7	1428.7	1425.7	1425.7	1422.8	1408.3	1364.5	1309.1	1242.1	1198.3	1151.7
-55°	1268.3	1282.9	1288.7	1294.5	1297.5	1297.5	1245.0	1186.7	1122.5	1078.8	1043.8
-57.5°	1140.0	1148.8	1154.6	1169.2	1180.8	1189.6	1142.9	1090.4	1040.9	1000.1	968.0
-60°	1029.2	1040.9	1049.6	1064.2	1073.0	1078.8	1049.6	1014.6	985.5	959.2	912.6
-62.5°	930.1	938.8	947.6	956.3	965.1	970.9	959.2	941.8	927.2	915.5	857.2
-65°	831.0	839.7	848.5	860.1	868.9	874.7	871.8	860.1	848.5	836.8	784.3
-67.5°	740.6	749.3	761.0	763.9	769.7	772.6	766.8	758.1	743.5	728.9	688.1
-70°	644.4	650.2	656.0	656.0	656.0	653.1	647.3	635.6	621.0	600.6	568.5
-72.5°	556.9	562.7	568.5	559.8	554.0	545.2	536.5	521.9	507.3	492.7	475.2
-75°	475.2	478.2	478.2	466.5	457.8	449.0	437.3	428.6	414.0	402.4	387.8
-77.5°	379.0	379.0	379.0	370.3	364.5	358.6	349.9	341.1	329.5	320.7	309.1
-80°	294.5	294.5	294.5	291.6	282.8	277.0	271.2	265.3	256.6	250.7	244.9
-82.5°	224.5	224.5	224.5	221.6	215.8	212.8	207.0	201.2	198.3	192.4	189.5
-85°	163.3	166.2	166.2	163.3	160.4	154.5	151.6	148.7	145.8	142.9	137.0
-87.5°	110.8	110.8	110.8	107.9	105.0	105.0	102.0	96.2	90.4	87.5	84.6
-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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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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	8.7	8.7	8.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	8.7
82.5°	14.6	14.6	17.5	17.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4
80°	14.6	17.5	20.4	23.3	26.2	29.2	29.2	29.2	29.2	26.2	26.2
77.5°	17.5	17.5	20.4	23.3	26.2	29.2	32.1	35.0	32.1	32.1	32.1
75°	17.5	20.4	20.4	23.3	26.2	29.2	32.1	35.0	35.0	35.0	35.0
72.5°	14.6	17.5	20.4	23.3	23.3	26.2	29.2	29.2	32.1	32.1	35.0
70°	14.6	17.5	20.4	20.4	23.3	23.3	26.2	29.2	29.2	32.1	32.1
67.5°	17.5	20.4	20.4	23.3	26.2	26.2	26.2	29.2	29.2	32.1	32.1
65°	20.4	23.3	23.3	26.2	29.2	29.2	32.1	32.1	32.1	35.0	35.0
62.5°	35.0	35.0	35.0	32.1	35.0	35.0	35.0	37.9	37.9	35.0	37.9
60°	180.8	131.2	90.4	113.7	102.0	46.7	46.7	46.7	43.7	43.7	40.8
57.5°	425.7	396.5	341.1	288.6	259.5	230.3	142.9	58.3	58.3	52.5	46.7
55°	711.4	615.2	574.4	504.4	428.6	393.6	326.6	221.6	105.0	70.0	61.2
52.5°	1102.1	1011.7	906.8	763.9	661.8	580.2	524.8	416.9	279.9	148.7	93.3
50°	1475.3	1434.5	1370.3	1230.4	1017.6	880.5	790.1	667.7	501.5	306.1	174.9
47.5°	2376.2	2035.1	1828.1	1720.2	1542.4	1282.9	1107.9	970.9	769.7	516.1	309.1
45°	2991.4	2775.7	2446.2	2218.8	1956.4	1682.3	1454.9	1297.5	1058.4	772.6	484.0
42.5°	3519.2	3332.6	3035.2	2702.8	2425.8	2067.2	1775.6	1568.6	1367.4	1055.5	723.1
40°	4198.5	3976.9	3691.2	3367.6	3043.9	2586.2	2113.8	1863.1	1641.5	1364.5	976.7
37.5°	5318.1	4927.4	4460.9	4102.3	3679.5	3291.8	2644.5	2201.3	1938.9	1650.3	1274.1
35°	6665.1	6236.6	5458.1	4982.8	4417.2	3839.9	3256.8	2600.7	2227.5	1921.4	1548.2
32.5°	7918.9	7292.0	6294.9	5738.0	5361.9	4297.7	3694.1	3125.6	2524.9	2148.8	1705.6
30°	8265.8	7574.8	6860.5	6210.3	5568.9	4708.8	3994.4	3551.2	2898.1	2285.9	1854.3
27.5°	7916.0	7440.7	6886.7	6283.2	5589.3	4851.6	4178.1	3755.3	3172.2	2379.2	1971.0
25°	7560.2	7064.6	6676.8	6172.4	5531.0	4842.9	4183.9	3883.6	3385.1	2559.9	2035.1
22.5°	7184.1	6875.1	6554.4	5991.6	5385.2	4869.1	4373.5	3994.4	3495.9	2764.0	2061.4
20°	7204.5	7003.4	6650.6	5898.3	5358.9	5023.6	4600.9	4134.4	3615.4	2941.9	2081.8
17.5°	7531.1	7268.7	6825.5	6172.4	5595.1	5181.1	4790.4	4326.8	3737.8	3099.3	2329.6
15°	7933.5	7534.0	7070.4	6496.0	5842.9	5353.1	4936.2	4460.9	3877.8	3245.1	2551.2
12.5°	8225.0	7656.5	7222.0	6703.1	6111.2	5539.7	5032.4	4563.0	4009.0	3364.6	2717.4
10°	8324.1	7808.1	7294.9	6831.3	6248.2	5638.8	5105.3	4627.1	4122.7	3457.9	2839.8
7.5°	8376.6	7939.3	7344.5	6889.7	6329.9	5700.1	5163.6	4662.1	4213.1	3522.1	2918.6
5°	8370.8	8009.3	7382.4	6907.1	6373.6	5726.3	5204.4	4670.9	4277.2	3577.5	2965.2
2.5°	8344.6	8055.9	7443.6	6936.3	6461.1	5775.9	5283.1	4688.3	4300.6	3638.7	2997.3
0°	8440.8	8058.8	7507.8	6945.1	6519.4	5793.4	5318.1	4673.8	4268.5	3656.2	2994.4
-2.5°	8233.8	7886.8	7493.2	6869.2	6440.6	5752.6	5254.0	4627.1	4198.5	3635.8	2982.7
-5°	8198.8	7761.4	7370.7	6799.3	6309.4	5668.0	5134.4	4539.6	4087.7	3568.7	2936.0
-7.5°	8105.5	7641.9	7251.2	6743.9	6187.0	5580.5	5020.7	4449.3	3968.2	3463.8	2869.0
-10°	7901.4	7458.2	7122.9	6624.3	6038.3	5455.2	4883.7	4329.7	3828.2	3320.9	2764.0
-12.5°	7609.8	7166.6	6834.3	6370.7	5851.7	5286.1	4720.4	4175.2	3667.9	3169.3	2638.7
-15°	7280.3	6831.3	6499.0	6076.2	5574.7	5023.6	4513.4	3979.8	3484.2	3008.9	2490.0
-17.5°	6907.1	6481.5	6160.7	5749.6	5251.1	4726.2	4218.9	3734.9	3271.3	2842.7	2317.9
-20°	6475.6	6061.6	5767.1	5356.0	4898.3	4388.0	3895.3	3437.5	3020.6	2618.2	2128.4

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CATALOG NUMBER: IFLD-S-SA3E-935-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°	5942.1	5577.6	5242.3	4874.9	4475.5	4009.0	3551.2	3146.0	2746.5	2352.9	1933.1
-25°	5396.8	5044.1	4717.5	4382.2	4000.3	3597.9	3207.2	2839.8	2449.1	2093.4	1743.6
-27.5°	4790.4	4475.5	4183.9	3874.9	3525.0	3178.0	2857.3	2498.7	2160.5	1857.3	1557.0
-30°	4143.1	3886.5	3632.9	3358.8	3076.0	2784.4	2498.7	2160.5	1895.2	1653.2	1399.5
-32.5°	3522.1	3291.8	3087.7	2883.6	2638.7	2399.6	2145.9	1895.2	1673.6	1460.7	1247.9
-35°	2976.9	2732.0	2618.2	2455.0	2259.6	2043.9	1836.9	1661.9	1484.1	1291.6	1102.1
-37.5°	2504.5	2347.1	2213.0	2090.5	1936.0	1749.4	1600.7	1457.8	1309.1	1134.2	970.9
-40°	2134.2	2020.5	1886.4	1796.0	1670.7	1536.5	1387.8	1268.3	1142.9	1000.1	865.9
-42.5°	1836.9	1743.6	1656.1	1559.9	1466.6	1352.9	1224.6	1110.9	997.1	892.2	781.4
-45°	1591.9	1524.9	1454.9	1376.2	1294.5	1195.4	1090.4	973.8	892.2	798.9	705.6
-47.5°	1390.8	1341.2	1282.9	1221.7	1151.7	1064.2	968.0	883.4	798.9	720.2	629.8
-50°	1230.4	1183.7	1137.1	1084.6	1023.4	947.6	874.7	796.0	717.2	641.4	556.9
-52.5°	1096.3	1055.5	1017.6	973.8	915.5	851.4	784.3	714.3	641.4	565.6	498.6
-55°	1003.0	956.3	918.4	874.7	822.2	761.0	699.8	635.6	565.6	507.3	451.9
-57.5°	927.2	874.7	831.0	784.3	731.8	679.3	623.9	565.6	513.2	457.8	405.3
-60°	863.0	801.8	752.2	705.6	656.0	606.5	559.8	510.2	460.7	411.1	358.6
-62.5°	796.0	731.8	670.6	626.9	589.0	545.2	504.4	457.8	414.0	364.5	326.6
-65°	720.2	658.9	600.6	562.7	527.7	489.8	451.9	411.1	373.2	335.3	300.3
-67.5°	635.6	583.1	542.3	507.3	472.3	440.3	405.3	370.3	338.2	300.3	265.3
-70°	533.6	504.4	481.1	454.8	422.8	393.6	361.5	329.5	294.5	262.4	230.3
-72.5°	454.8	437.3	419.9	393.6	364.5	338.2	312.0	282.8	253.7	224.5	198.3
-75°	373.2	358.6	344.0	326.6	303.2	282.8	259.5	233.3	209.9	189.5	169.1
-77.5°	300.3	288.6	279.9	265.3	247.8	230.3	215.8	198.3	180.8	160.4	140.0
-80°	239.1	233.3	230.3	224.5	209.9	195.3	183.7	169.1	151.6	137.0	122.5
-82.5°	186.6	186.6	183.7	180.8	169.1	157.4	148.7	137.0	125.4	113.7	99.1
-85°	137.0	134.1	134.1	131.2	122.5	116.6	107.9	102.0	93.3	81.6	75.8
-87.5°	81.6	78.7	75.8	72.9	67.1	64.1	58.3	55.4	49.6	43.7	40.8
-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-S-SA3E-935-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0
85°	8.7	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
82.5°	17.5	17.5	14.6	14.6	11.7	8.7	5.8	5.8	5.8	2.9	2.9
80°	26.2	26.2	26.2	23.3	20.4	14.6	11.7	8.7	5.8	2.9	2.9
77.5°	32.1	29.2	29.2	26.2	26.2	23.3	17.5	14.6	8.7	5.8	2.9
75°	32.1	32.1	32.1	29.2	29.2	26.2	23.3	17.5	14.6	8.7	5.8
72.5°	35.0	32.1	32.1	32.1	29.2	26.2	23.3	20.4	17.5	11.7	5.8
70°	32.1	32.1	32.1	32.1	29.2	29.2	23.3	20.4	20.4	11.7	8.7
67.5°	32.1	32.1	32.1	29.2	29.2	26.2	23.3	20.4	20.4	14.6	8.7
65°	35.0	32.1	32.1	32.1	29.2	26.2	23.3	20.4	20.4	17.5	11.7
62.5°	37.9	35.0	35.0	32.1	29.2	26.2	23.3	20.4	20.4	17.5	11.7
60°	40.8	37.9	35.0	35.0	32.1	29.2	23.3	23.3	20.4	17.5	11.7
57.5°	43.7	40.8	40.8	37.9	35.0	32.1	26.2	23.3	20.4	17.5	14.6
55°	52.5	46.7	43.7	43.7	40.8	35.0	29.2	23.3	20.4	17.5	14.6
52.5°	70.0	55.4	49.6	49.6	46.7	40.8	32.1	26.2	20.4	17.5	14.6
50°	110.8	70.0	58.3	52.5	52.5	46.7	37.9	29.2	20.4	17.5	14.6
47.5°	174.9	116.6	70.0	61.2	58.3	55.4	43.7	29.2	23.3	17.5	14.6
45°	288.6	172.0	113.7	72.9	61.2	58.3	49.6	32.1	23.3	20.4	14.6
42.5°	396.5	268.2	174.9	87.5	72.9	64.1	52.5	35.0	26.2	20.4	14.6
40°	623.9	367.4	244.9	142.9	84.6	67.1	58.3	40.8	26.2	20.4	14.6
37.5°	845.5	486.9	329.5	209.9	96.2	75.8	61.2	43.7	29.2	20.4	17.5
35°	1067.1	682.3	408.2	279.9	128.3	90.4	64.1	46.7	29.2	20.4	17.5
32.5°	1265.4	865.9	489.8	349.9	192.4	107.9	70.0	49.6	32.1	23.3	17.5
30°	1428.7	1035.1	635.6	411.1	250.7	131.2	75.8	49.6	35.0	23.3	17.5
27.5°	1551.1	1166.3	784.3	475.2	300.3	154.5	87.5	55.4	35.0	23.3	17.5
25°	1650.3	1268.3	915.5	542.3	344.0	192.4	105.0	58.3	37.9	26.2	17.5
22.5°	1729.0	1352.9	1023.4	632.7	396.5	230.3	128.3	64.1	37.9	26.2	17.5
20°	1836.9	1437.4	1096.3	728.9	451.9	265.3	148.7	70.0	37.9	26.2	20.4
17.5°	1930.2	1522.0	1154.6	810.5	507.3	291.6	172.0	75.8	40.8	26.2	20.4
15°	2038.0	1603.6	1207.1	874.7	559.8	314.9	192.4	81.6	40.8	29.2	20.4
12.5°	2154.7	1679.4	1245.0	927.2	615.2	335.3	209.9	93.3	43.7	29.2	20.4
10°	2274.2	1743.6	1277.0	965.1	656.0	355.7	221.6	105.0	46.7	29.2	20.4
7.5°	2393.7	1801.9	1317.9	982.6	673.5	379.0	227.4	116.6	46.7	32.1	20.4
5°	2475.4	1839.8	1376.2	994.2	682.3	405.3	236.2	131.2	49.6	32.1	20.4
2.5°	2545.4	1863.1	1437.4	1003.0	685.2	419.9	233.3	140.0	52.5	32.1	20.4
0°	2577.4	1863.1	1478.2	997.1	676.4	434.4	233.3	148.7	52.5	32.1	20.4
-2.5°	2527.9	1915.6	1466.6	1000.1	679.3	434.4	244.9	151.6	58.3	35.0	20.4
-5°	2449.1	1936.0	1431.6	985.5	673.5	434.4	259.5	154.5	61.2	35.0	23.3
-7.5°	2373.3	1944.7	1390.8	970.9	664.8	422.8	262.4	151.6	67.1	37.9	23.3
-10°	2274.2	1848.5	1338.3	944.7	647.3	414.0	268.2	151.6	70.0	37.9	23.3
-12.5°	2160.5	1731.9	1274.1	906.8	626.9	405.3	271.2	151.6	72.9	40.8	23.3
-15°	2029.3	1612.3	1201.2	865.9	597.7	393.6	265.3	148.7	75.8	40.8	26.2
-17.5°	1880.6	1495.7	1125.4	816.4	565.6	379.0	253.7	145.8	75.8	40.8	26.2
-20°	1711.5	1379.1	1040.9	766.8	527.7	361.5	242.0	140.0	75.8	40.8	26.2

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CATALOG NUMBER: IFLD-S-SA3E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1559.9	1271.2	953.4	711.4	486.9	341.1	227.4	134.1	75.8	43.7	26.2
-25°	1434.5	1166.3	886.4	656.0	443.2	317.8	212.8	128.3	75.8	43.7	26.2
-27.5°	1303.3	1052.5	816.4	603.5	414.0	297.4	198.3	122.5	72.9	43.7	26.2
-30°	1169.2	941.8	743.5	545.2	384.9	277.0	186.6	113.7	72.9	43.7	26.2
-32.5°	1046.7	851.4	676.4	486.9	352.8	256.6	174.9	110.8	70.0	43.7	26.2
-35°	927.2	769.7	606.5	440.3	317.8	236.2	163.3	107.9	70.0	43.7	26.2
-37.5°	828.0	693.9	542.3	408.2	297.4	218.7	151.6	102.0	67.1	43.7	26.2
-40°	746.4	623.9	481.1	373.2	279.9	201.2	140.0	99.1	67.1	43.7	26.2
-42.5°	670.6	556.9	443.2	344.0	262.4	189.5	131.2	96.2	64.1	43.7	26.2
-45°	603.5	498.6	405.3	317.8	242.0	174.9	125.4	90.4	61.2	43.7	29.2
-47.5°	536.5	457.8	370.3	294.5	221.6	157.4	119.5	87.5	58.3	40.8	29.2
-50°	484.0	414.0	341.1	268.2	201.2	151.6	113.7	81.6	58.3	40.8	29.2
-52.5°	437.3	373.2	309.1	242.0	183.7	142.9	107.9	75.8	55.4	40.8	29.2
-55°	393.6	335.3	277.0	215.8	172.0	134.1	99.1	70.0	55.4	40.8	29.2
-57.5°	349.9	300.3	244.9	195.3	157.4	125.4	93.3	70.0	55.4	40.8	29.2
-60°	314.9	268.2	221.6	180.8	145.8	113.7	84.6	67.1	52.5	40.8	29.2
-62.5°	285.7	242.0	201.2	163.3	134.1	102.0	81.6	67.1	52.5	40.8	26.2
-65°	256.6	218.7	180.8	148.7	119.5	96.2	78.7	64.1	52.5	40.8	26.2
-67.5°	227.4	192.4	163.3	131.2	110.8	93.3	75.8	64.1	49.6	37.9	26.2
-70°	198.3	169.1	142.9	122.5	105.0	87.5	72.9	61.2	49.6	35.0	23.3
-72.5°	174.9	148.7	128.3	113.7	99.1	84.6	70.0	58.3	46.7	32.1	20.4
-75°	148.7	131.2	116.6	102.0	90.4	78.7	67.1	52.5	40.8	29.2	20.4
-77.5°	125.4	113.7	102.0	93.3	81.6	70.0	58.3	46.7	37.9	26.2	17.5
-80°	107.9	99.1	90.4	81.6	72.9	61.2	52.5	40.8	32.1	23.3	14.6
-82.5°	87.5	81.6	72.9	67.1	61.2	52.5	43.7	35.0	23.3	17.5	11.7
-85°	67.1	61.2	58.3	52.5	46.7	37.9	29.2	23.3	17.5	11.7	5.8
-87.5°	35.0	32.1	29.2	26.2	23.3	17.5	14.6	11.7	8.7	5.8	2.9
-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: P722693

CATALOG NUMBER: IFLD-S-SA3E-935-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°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	2.9	2.9	0.0	0.0
67.5°	5.8	2.9	0.0	0.0
65°	5.8	2.9	0.0	0.0
62.5°	5.8	2.9	0.0	0.0
60°	5.8	2.9	0.0	0.0
57.5°	8.7	2.9	2.9	0.0
55°	8.7	2.9	2.9	0.0
52.5°	8.7	2.9	2.9	0.0
50°	8.7	5.8	2.9	0.0
47.5°	8.7	5.8	2.9	0.0
45°	8.7	5.8	2.9	0.0
42.5°	8.7	5.8	2.9	0.0
40°	11.7	5.8	2.9	0.0
37.5°	11.7	5.8	2.9	0.0
35°	11.7	5.8	2.9	0.0
32.5°	11.7	5.8	2.9	0.0
30°	11.7	5.8	2.9	0.0
27.5°	11.7	8.7	2.9	0.0
25°	11.7	8.7	2.9	0.0
22.5°	14.6	8.7	2.9	0.0
20°	14.6	8.7	2.9	0.0
17.5°	14.6	8.7	2.9	0.0
15°	14.6	8.7	2.9	0.0
12.5°	14.6	8.7	2.9	0.0
10°	14.6	8.7	2.9	0.0
7.5°	14.6	8.7	2.9	0.0
5°	14.6	8.7	2.9	0.0
2.5°	14.6	8.7	2.9	0.0
0°	14.6	8.7	2.9	0.0
-2.5°	14.6	8.7	2.9	0.0
-5°	14.6	8.7	2.9	0.0
-7.5°	14.6	8.7	2.9	0.0
-10°	14.6	8.7	2.9	0.0
-12.5°	17.5	8.7	2.9	0.0
-15°	17.5	8.7	2.9	0.0
-17.5°	17.5	8.7	2.9	0.0
-20°	17.5	8.7	2.9	0.0

REPORT NUMBER: P722693

CATALOG NUMBER: IFLD-S-SA3E-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.5	8.7	2.9	0.0
-25°	17.5	8.7	2.9	0.0
-27.5°	17.5	8.7	2.9	0.0
-30°	17.5	8.7	2.9	0.0
-32.5°	17.5	8.7	2.9	0.0
-35°	17.5	8.7	2.9	0.0
-37.5°	17.5	8.7	2.9	0.0
-40°	17.5	8.7	2.9	0.0
-42.5°	14.6	8.7	2.9	0.0
-45°	17.5	8.7	2.9	0.0
-47.5°	17.5	8.7	2.9	0.0
-50°	17.5	8.7	2.9	0.0
-52.5°	17.5	8.7	2.9	0.0
-55°	17.5	8.7	2.9	0.0
-57.5°	17.5	8.7	2.9	0.0
-60°	17.5	8.7	2.9	0.0
-62.5°	14.6	8.7	2.9	0.0
-65°	14.6	5.8	2.9	0.0
-67.5°	14.6	5.8	2.9	0.0
-70°	14.6	5.8	2.9	0.0
-72.5°	11.7	5.8	2.9	0.0
-75°	11.7	5.8	2.9	0.0
-77.5°	8.7	2.9	0.0	0.0
-80°	8.7	2.9	0.0	0.0
-82.5°	5.8	2.9	0.0	0.0
-85°	2.9	2.9	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)