

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: P722578

Luminaire Tested: **IFLD-S-SA6A-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722578
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20287.3 lumens	Max Intensity:	14162.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	107.0 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:	12942.4 lumens	Field Lumens:	19126.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

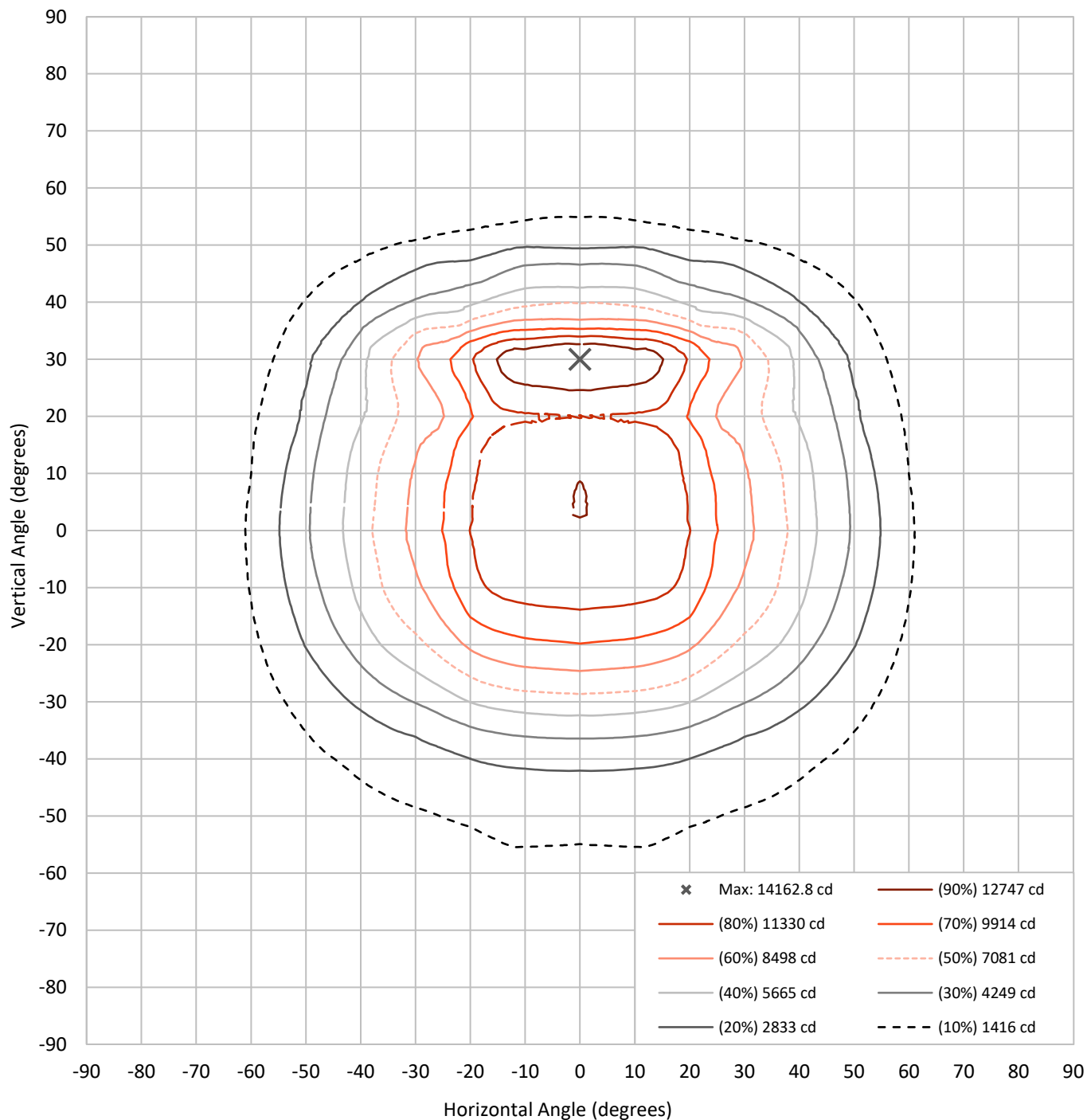
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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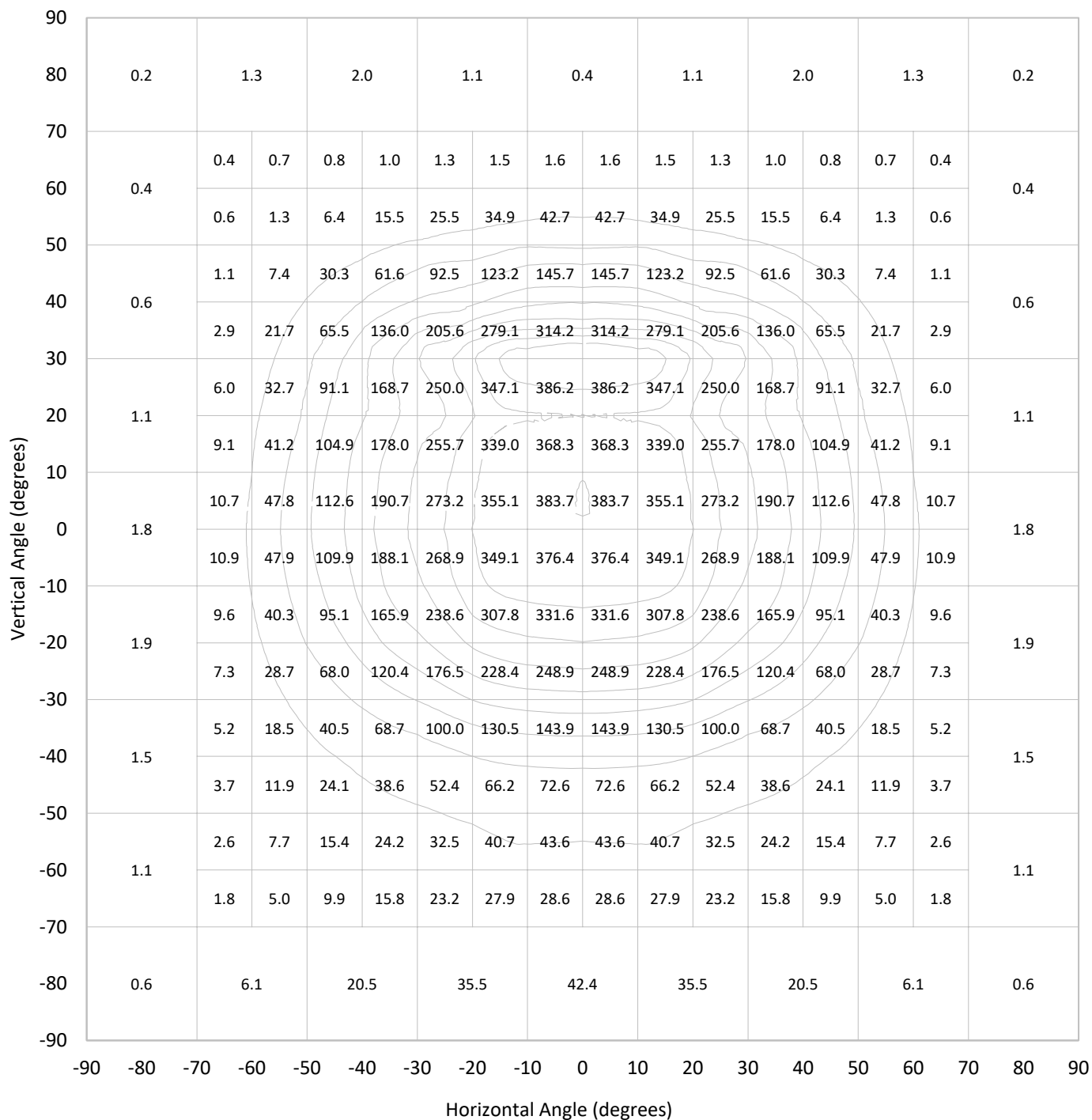
Iso-Candela Plot



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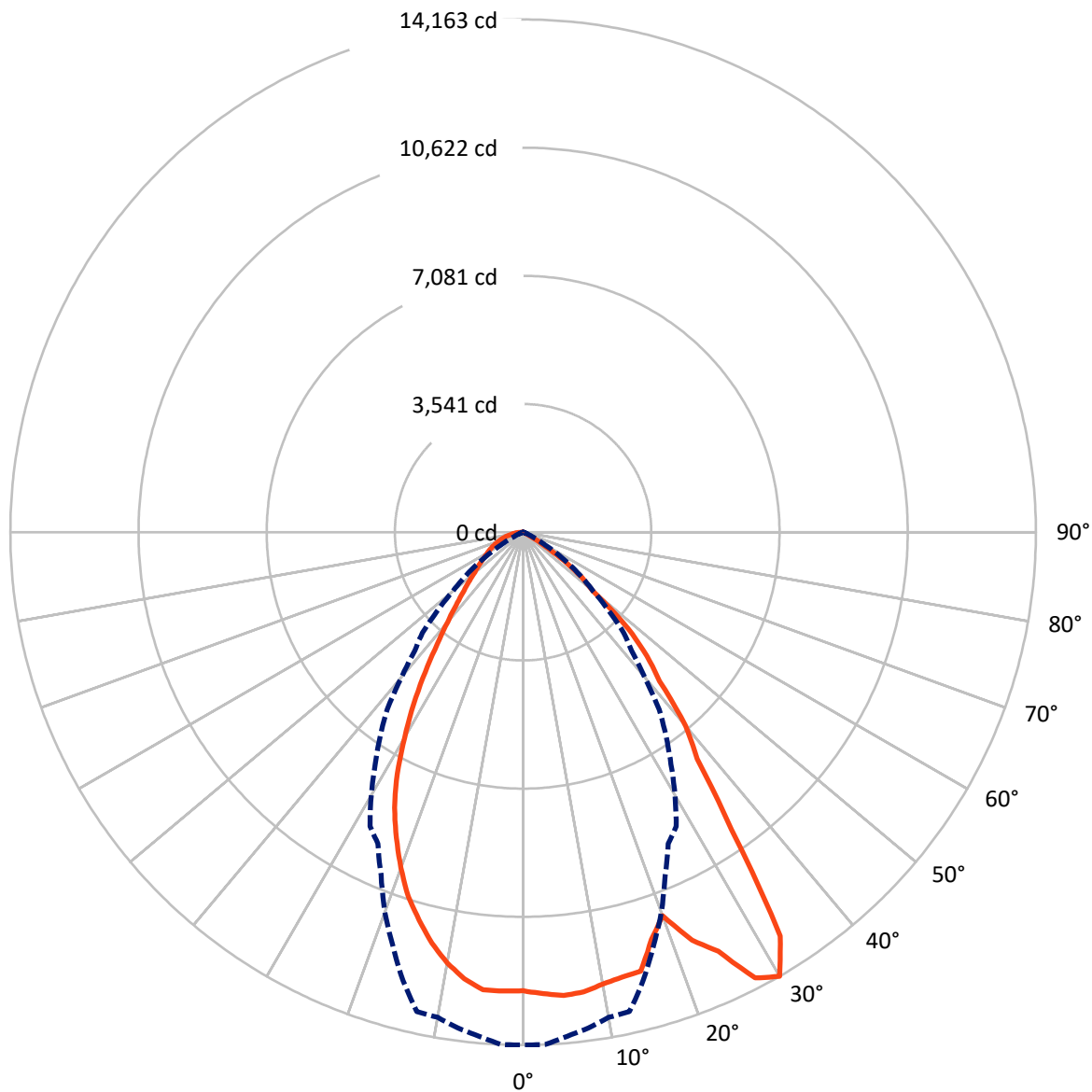
Lumen Table



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Luminous Intensity Polar Plot



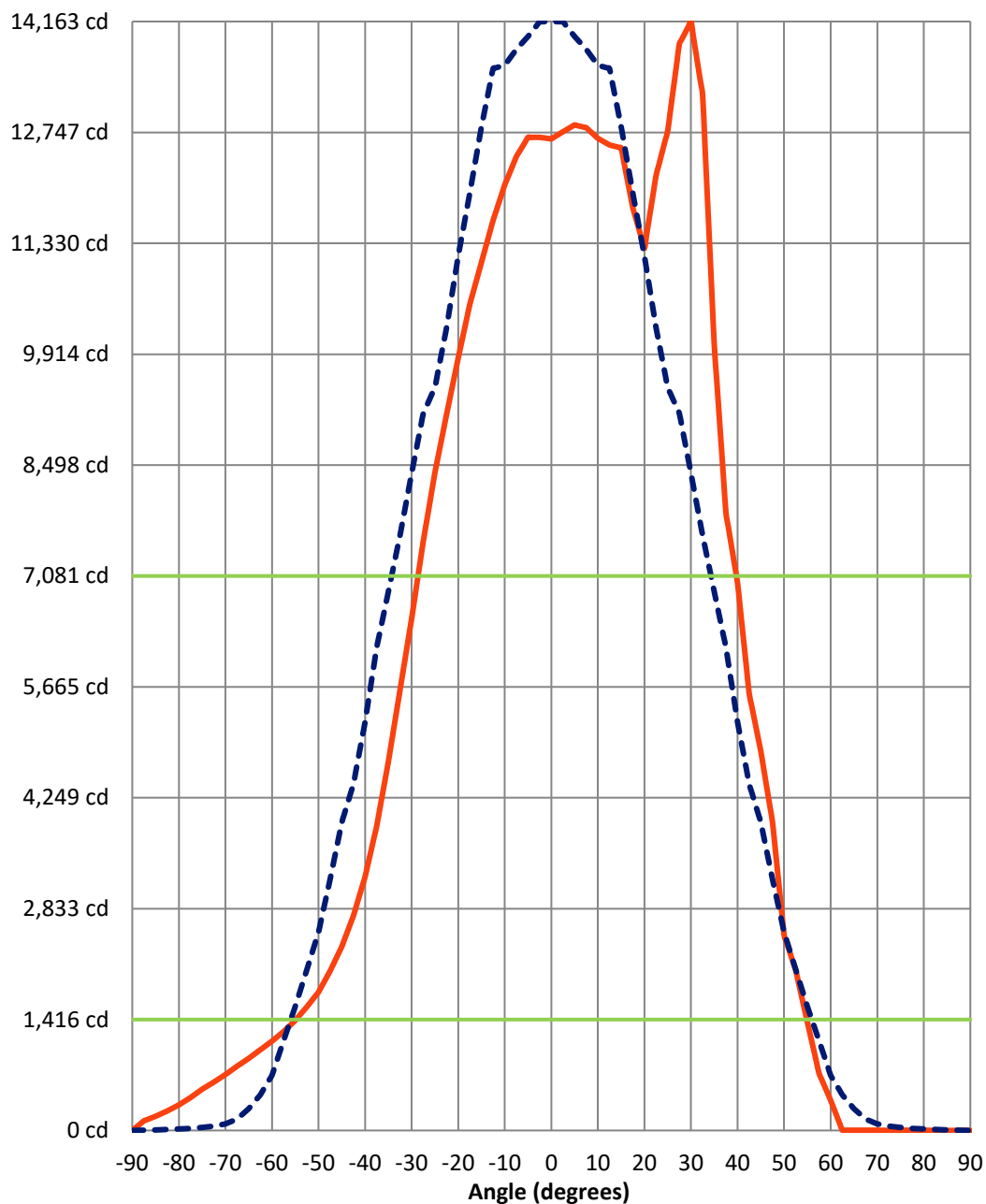
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12942.4

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19126.4

Efficiency: 94.3%

Spill:

Lumens: 1160.9

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	6.5	6.5	6.5	6.5	6.5	6.5	9.7
82.5°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	9.7	9.7	12.9
80°	3.2	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9
77.5°	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9	16.1
75°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	16.1
72.5°	0.0	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
70°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
67.5°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	12.9	12.9	12.9	16.1
65°	3.2	3.2	3.2	6.5	9.7	9.7	12.9	16.1	16.1	19.4	22.6
62.5°	3.2	6.5	6.5	9.7	12.9	16.1	35.5	54.9	54.9	38.8	32.3
60°	384.3	416.6	413.4	374.7	326.2	274.5	264.8	255.2	235.8	206.7	216.4
57.5°	729.9	768.7	784.8	775.2	749.3	704.1	678.3	649.2	610.4	565.2	513.5
55°	1382.4	1398.5	1363.0	1295.2	1220.9	1146.6	1120.7	1082.0	1023.9	965.7	888.2
52.5°	2044.5	2099.4	2083.2	2015.4	1915.3	1782.9	1637.5	1524.5	1456.7	1392.1	1314.5
50°	2496.7	2519.3	2564.5	2645.2	2674.3	2583.9	2348.1	2044.5	1828.1	1937.9	1853.9
47.5°	3940.4	4053.4	4030.8	3972.7	3875.8	3630.3	3300.9	3029.6	2803.5	2729.2	2742.1
45°	4841.5	4886.7	4870.6	4844.7	4799.5	4570.2	4205.2	3788.6	3578.6	3494.7	3407.5
42.5°	5581.1	5629.6	5639.3	5642.5	5594.1	5384.1	5054.7	4638.0	4428.1	4185.9	3995.3
40°	6992.6	7063.6	6982.9	6876.3	6714.8	6475.8	6152.8	5768.5	5397.0	5099.9	4873.8
37.5°	7893.7	7980.9	8013.2	8006.7	7971.2	7867.9	7470.6	7105.6	6537.2	5871.8	5991.3
35°	10031.8	10122.3	10096.4	9999.5	9947.9	9838.0	9450.5	9017.7	8303.9	7580.4	7386.6
32.5°	13219.7	13416.7	13048.5	12644.8	12396.1	12483.3	12089.2	11029.9	10700.4	9395.6	8791.6
30°	14162.8	14159.6	13972.2	13807.5	13604.0	13562.0	12819.2	11973.0	11165.5	10251.5	9489.2
27.5°	13875.3	13817.2	13658.9	13539.4	13348.9	13248.7	12522.0	11850.2	10916.8	10099.7	9363.3
25°	12767.5	12812.7	12651.2	12628.6	12554.3	12360.5	11998.8	11243.0	10409.7	9505.4	8975.7
22.5°	12195.8	12179.7	11985.9	11872.8	11963.3	11756.6	11611.2	10849.0	9980.2	9217.9	8581.6
20°	11265.6	11268.9	11220.4	11210.7	11155.8	11062.2	10945.9	10406.5	9792.8	9140.4	8374.9
17.5°	11785.6	11918.1	11976.2	11494.9	11630.6	11524.0	11401.3	10648.7	10186.9	9608.7	8610.7
15°	12547.9	12499.4	12441.3	12415.4	12341.2	12241.0	12018.2	11417.4	10622.9	10025.4	9247.0
12.5°	12586.6	12493.0	12470.4	12467.1	12389.6	12250.7	12034.3	11536.9	10832.8	10106.1	9473.1
10°	12670.6	12573.7	12560.8	12576.9	12457.4	12370.2	12153.8	11692.0	10897.4	10245.0	9647.5
7.5°	12806.3	12644.8	12719.1	12670.6	12615.7	12476.8	12244.3	11792.1	11133.2	10429.1	9802.5
5°	12841.8	12664.1	12744.9	12699.7	12618.9	12483.3	12231.3	11856.7	11278.6	10503.4	9863.9
2.5°	12754.6	12702.9	12667.4	12583.4	12547.9	12399.3	12160.3	11759.8	11210.7	10471.1	9851.0
0°	12664.1	12709.4	12628.6	12544.6	12528.5	12409.0	12205.5	11843.8	11369.0	10561.5	9960.8
-2.5°	12683.5	12648.0	12593.1	12505.9	12421.9	12250.7	12066.6	11727.5	11217.2	10364.5	9805.8
-5°	12683.5	12518.8	12525.3	12528.5	12444.5	12266.9	12044.0	11756.6	11126.7	10361.3	9760.5
-7.5°	12438.1	12295.9	12273.3	12254.0	12231.3	12066.6	11892.2	11533.7	10974.9	10277.3	9634.6
-10°	12076.3	11937.4	11950.4	11921.3	11850.2	11740.4	11608.0	11285.0	10826.4	10012.5	9379.4
-12.5°	11624.1	11562.8	11527.2	11478.8	11407.7	11310.8	11175.2	10871.6	10380.7	9686.2	9085.5
-15°	11088.0	11042.8	11010.5	10981.4	10878.1	10777.9	10600.3	10319.3	10012.5	9266.4	8652.7
-17.5°	10551.8	10438.8	10393.6	10354.8	10287.0	10125.5	9964.0	9754.1	9324.5	8733.4	8207.0
-20°	9863.9	9796.1	9741.2	9689.5	9592.6	9466.6	9334.2	9092.0	8720.5	8242.5	7696.7

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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°	9143.6	9104.9	9059.7	8995.1	8930.5	8811.0	8626.9	8394.3	8103.6	7586.9	7076.5
-25°	8400.8	8326.5	8271.6	8210.2	8158.5	8048.7	7871.1	7648.2	7283.3	6837.5	6411.2
-27.5°	7525.5	7454.4	7425.4	7354.3	7309.1	7209.0	7031.3	6824.6	6495.2	6120.5	5687.7
-30°	6537.2	6550.1	6517.8	6450.0	6395.1	6265.9	6130.2	5955.8	5697.4	5338.9	4951.3
-32.5°	5623.1	5639.3	5600.5	5529.5	5458.4	5364.7	5238.8	5080.5	4886.7	4544.4	4208.5
-35°	4709.1	4702.6	4670.3	4628.3	4579.9	4502.4	4360.3	4240.8	4017.9	3778.9	3546.3
-37.5°	3888.7	3904.9	3895.2	3872.6	3817.7	3753.1	3636.8	3527.0	3362.2	3152.3	2971.4
-40°	3239.5	3258.9	3246.0	3223.4	3174.9	3136.2	3058.6	2961.8	2829.3	2648.5	2496.7
-42.5°	2742.1	2755.0	2738.9	2719.5	2677.5	2648.5	2587.1	2506.3	2396.5	2257.6	2122.0
-45°	2348.1	2351.3	2335.2	2322.2	2289.9	2254.4	2202.7	2138.1	2050.9	1954.0	1844.2
-47.5°	2038.0	2034.8	2018.6	2005.7	1979.9	1947.6	1905.6	1847.5	1779.6	1705.3	1618.1
-50°	1766.7	1782.9	1776.4	1763.5	1744.1	1721.5	1679.5	1618.1	1550.3	1495.4	1434.0
-52.5°	1579.4	1582.6	1579.4	1579.4	1576.2	1560.0	1511.6	1450.2	1375.9	1327.5	1275.8
-55°	1405.0	1421.1	1427.6	1434.0	1437.3	1437.3	1379.1	1314.5	1243.5	1195.0	1156.3
-57.5°	1262.9	1272.6	1279.0	1295.2	1308.1	1317.8	1266.1	1208.0	1153.0	1107.8	1072.3
-60°	1140.1	1153.0	1162.7	1178.9	1188.6	1195.0	1162.7	1124.0	1091.7	1062.6	1010.9
-62.5°	1030.3	1040.0	1049.7	1059.4	1069.1	1075.5	1062.6	1043.2	1027.1	1014.2	949.6
-65°	920.5	930.2	939.9	952.8	962.5	968.9	965.7	952.8	939.9	927.0	868.8
-67.5°	820.4	830.1	843.0	846.2	852.7	855.9	849.4	839.8	823.6	807.5	762.2
-70°	713.8	720.3	726.7	726.7	726.7	723.5	717.0	704.1	688.0	665.3	629.8
-72.5°	616.9	623.4	629.8	620.1	613.7	604.0	594.3	578.1	562.0	545.8	526.5
-75°	526.5	529.7	529.7	516.8	507.1	497.4	484.5	474.8	458.6	445.7	429.6
-77.5°	419.9	419.9	419.9	410.2	403.7	397.3	387.6	377.9	365.0	355.3	342.4
-80°	326.2	326.2	326.2	323.0	313.3	306.8	300.4	293.9	284.2	277.8	271.3
-82.5°	248.7	248.7	248.7	245.5	239.0	235.8	229.3	222.9	219.6	213.2	209.9
-85°	180.9	184.1	184.1	180.9	177.6	171.2	168.0	164.7	161.5	158.3	151.8
-87.5°	122.7	122.7	122.7	119.5	116.3	116.3	113.0	106.6	100.1	96.9	93.7
-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°	9.7	9.7	9.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	9.7
82.5°	16.1	16.1	19.4	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6
80°	16.1	19.4	22.6	25.8	29.1	32.3	32.3	32.3	32.3	29.1	29.1
77.5°	19.4	19.4	22.6	25.8	29.1	32.3	35.5	38.8	35.5	35.5	35.5
75°	19.4	22.6	22.6	25.8	29.1	32.3	35.5	38.8	38.8	38.8	38.8
72.5°	16.1	19.4	22.6	25.8	25.8	29.1	32.3	32.3	35.5	35.5	38.8
70°	16.1	19.4	22.6	22.6	25.8	25.8	29.1	32.3	32.3	35.5	35.5
67.5°	19.4	22.6	22.6	25.8	29.1	29.1	29.1	32.3	32.3	35.5	35.5
65°	22.6	25.8	25.8	29.1	32.3	32.3	35.5	35.5	35.5	38.8	38.8
62.5°	38.8	38.8	38.8	35.5	38.8	38.8	38.8	42.0	42.0	38.8	42.0
60°	200.2	145.3	100.1	126.0	113.0	51.7	51.7	51.7	48.4	48.4	45.2
57.5°	471.6	439.3	377.9	319.8	287.5	255.2	158.3	64.6	64.6	58.1	51.7
55°	788.1	681.5	636.3	558.8	474.8	436.0	361.7	245.5	116.3	77.5	67.8
52.5°	1220.9	1120.7	1004.5	846.2	733.2	642.7	581.4	461.9	310.1	164.7	103.4
50°	1634.3	1589.1	1518.0	1363.0	1127.2	975.4	875.3	739.6	555.5	339.1	193.8
47.5°	2632.3	2254.4	2025.1	1905.6	1708.6	1421.1	1227.3	1075.5	852.7	571.7	342.4
45°	3313.8	3074.8	2709.8	2457.9	2167.2	1863.6	1611.7	1437.3	1172.4	855.9	536.2
42.5°	3898.4	3691.7	3362.2	2994.0	2687.2	2289.9	1967.0	1737.6	1514.8	1169.2	801.0
40°	4650.9	4405.5	4089.0	3730.4	3371.9	2864.9	2341.6	2063.9	1818.4	1511.6	1082.0
37.5°	5891.2	5458.4	4941.6	4544.4	4076.0	3646.5	2929.5	2438.5	2147.8	1828.1	1411.4
35°	7383.4	6908.6	6046.2	5519.8	4893.2	4253.7	3607.7	2881.0	2467.6	2128.5	1715.0
32.5°	8772.2	8077.8	6973.2	6356.3	5939.6	4760.8	4092.2	3462.4	2797.0	2380.4	1889.4
30°	9156.6	8391.1	7599.8	6879.5	6169.0	5216.2	4424.9	3933.9	3210.4	2532.2	2054.2
27.5°	8769.0	8242.5	7628.8	6960.3	6191.6	5374.4	4628.3	4160.0	3514.1	2635.5	2183.4
25°	8374.9	7825.9	7396.3	6837.5	6127.0	5364.7	4634.8	4302.1	3749.8	2835.8	2254.4
22.5°	7958.3	7615.9	7260.6	6637.3	5965.5	5393.8	4844.7	4424.9	3872.6	3061.9	2283.5
20°	7980.9	7758.0	7367.2	6533.9	5936.4	5565.0	5096.7	4579.9	4005.0	3258.9	2306.1
17.5°	8342.6	8052.0	7561.0	6837.5	6198.0	5739.4	5306.6	4793.1	4140.6	3433.3	2580.6
15°	8788.4	8345.9	7832.3	7196.1	6472.6	5930.0	5468.1	4941.6	4295.7	3594.8	2826.1
12.5°	9111.3	8481.5	8000.3	7425.4	6769.7	6136.7	5574.7	5054.7	4441.0	3727.2	3010.2
10°	9221.2	8649.5	8081.0	7567.5	6921.5	6246.5	5655.4	5125.7	4567.0	3830.6	3145.9
7.5°	9279.3	8794.8	8135.9	7632.1	7012.0	6314.3	5720.0	5164.5	4667.1	3901.6	3233.1
5°	9272.8	8872.3	8177.9	7651.5	7060.4	6343.4	5765.2	5174.2	4738.2	3963.0	3284.7
2.5°	9243.8	8924.0	8245.7	7683.8	7157.3	6398.3	5852.4	5193.6	4764.0	4030.8	3320.3
0°	9350.3	8927.2	8316.8	7693.4	7221.9	6417.7	5891.2	5177.4	4728.5	4050.2	3317.0
-2.5°	9121.0	8736.7	8300.7	7609.5	7134.7	6372.4	5820.1	5125.7	4650.9	4027.6	3304.1
-5°	9082.3	8597.8	8165.0	7532.0	6989.3	6278.8	5687.7	5028.8	4528.2	3953.3	3252.4
-7.5°	8978.9	8465.4	8032.6	7470.6	6853.7	6181.9	5561.8	4928.7	4395.8	3837.0	3178.1
-10°	8752.8	8261.9	7890.5	7338.2	6689.0	6043.0	5410.0	4796.3	4240.8	3678.8	3061.9
-12.5°	8429.8	7938.9	7570.7	7057.2	6482.3	5855.7	5229.1	4625.1	4063.1	3510.8	2923.0
-15°	8064.9	7567.5	7199.3	6731.0	6175.4	5565.0	4999.8	4408.7	3859.6	3333.2	2758.3
-17.5°	7651.5	7179.9	6824.6	6369.2	5816.9	5235.5	4673.6	4137.4	3623.9	3149.1	2567.7
-20°	7173.4	6714.8	6388.6	5933.2	5426.1	4860.9	4315.0	3808.0	3346.1	2900.4	2357.8

REPORT NUMBER: P722578

CATALOG NUMBER: IFLD-S-SA6A-827-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°	6582.4	6178.7	5807.2	5400.3	4957.8	4441.0	3933.9	3485.0	3042.5	2606.5	2141.4
-25°	5978.4	5587.6	5225.9	4854.4	4431.3	3985.6	3552.8	3145.9	2713.1	2319.0	1931.4
-27.5°	5306.6	4957.8	4634.8	4292.4	3904.9	3520.5	3165.2	2768.0	2393.3	2057.4	1724.7
-30°	4589.6	4305.4	4024.4	3720.8	3407.5	3084.5	2768.0	2393.3	2099.4	1831.3	1550.3
-32.5°	3901.6	3646.5	3420.4	3194.3	2923.0	2658.1	2377.2	2099.4	1853.9	1618.1	1382.4
-35°	3297.7	3026.3	2900.4	2719.5	2503.1	2264.1	2034.8	1841.0	1644.0	1430.8	1220.9
-37.5°	2774.4	2600.0	2451.4	2315.8	2144.6	1937.9	1773.2	1614.9	1450.2	1256.4	1075.5
-40°	2364.2	2238.3	2089.7	1989.6	1850.7	1702.1	1537.4	1405.0	1266.1	1107.8	959.3
-42.5°	2034.8	1931.4	1834.5	1728.0	1624.6	1498.6	1356.5	1230.6	1104.6	988.3	865.6
-45°	1763.5	1689.2	1611.7	1524.5	1434.0	1324.2	1208.0	1078.8	988.3	885.0	781.6
-47.5°	1540.6	1485.7	1421.1	1353.3	1275.8	1178.9	1072.3	978.6	885.0	797.8	697.6
-50°	1363.0	1311.3	1259.6	1201.5	1133.7	1049.7	968.9	881.7	794.5	710.6	616.9
-52.5°	1214.4	1169.2	1127.2	1078.8	1014.2	943.1	868.8	791.3	710.6	626.6	552.3
-55°	1111.1	1059.4	1017.4	968.9	910.8	843.0	775.2	704.1	626.6	562.0	500.6
-57.5°	1027.1	968.9	920.5	868.8	810.7	752.5	691.2	626.6	568.4	507.1	448.9
-60°	956.0	888.2	833.3	781.6	726.7	671.8	620.1	565.2	510.3	455.4	397.3
-62.5°	881.7	810.7	742.9	694.4	652.4	604.0	558.8	507.1	458.6	403.7	361.7
-65°	797.8	729.9	665.3	623.4	584.6	542.6	500.6	455.4	413.4	371.4	332.7
-67.5°	704.1	646.0	600.7	562.0	523.2	487.7	448.9	410.2	374.7	332.7	293.9
-70°	591.1	558.8	532.9	503.9	468.3	436.0	400.5	365.0	326.2	290.7	255.2
-72.5°	503.9	484.5	465.1	436.0	403.7	374.7	345.6	313.3	281.0	248.7	219.6
-75°	413.4	397.3	381.1	361.7	335.9	313.3	287.5	258.4	232.5	209.9	187.3
-77.5°	332.7	319.8	310.1	293.9	274.5	255.2	239.0	219.6	200.2	177.6	155.0
-80°	264.8	258.4	255.2	248.7	232.5	216.4	203.5	187.3	168.0	151.8	135.7
-82.5°	206.7	206.7	203.5	200.2	187.3	174.4	164.7	151.8	138.9	126.0	109.8
-85°	151.8	148.6	148.6	145.3	135.7	129.2	119.5	113.0	103.4	90.4	84.0
-87.5°	90.4	87.2	84.0	80.7	74.3	71.1	64.6	61.4	54.9	48.4	45.2
-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-827-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°	9.7	6.5	6.5	6.5	6.5	6.5	3.2	3.2	3.2	3.2	3.2
82.5°	19.4	19.4	16.1	16.1	12.9	9.7	6.5	6.5	6.5	3.2	3.2
80°	29.1	29.1	29.1	25.8	22.6	16.1	12.9	9.7	6.5	3.2	3.2
77.5°	35.5	32.3	32.3	29.1	29.1	25.8	19.4	16.1	9.7	6.5	3.2
75°	35.5	35.5	35.5	32.3	32.3	29.1	25.8	19.4	16.1	9.7	6.5
72.5°	38.8	35.5	35.5	35.5	32.3	29.1	25.8	22.6	19.4	12.9	6.5
70°	35.5	35.5	35.5	35.5	32.3	32.3	25.8	22.6	22.6	12.9	9.7
67.5°	35.5	35.5	35.5	32.3	32.3	29.1	25.8	22.6	22.6	16.1	9.7
65°	38.8	35.5	35.5	35.5	32.3	29.1	25.8	22.6	22.6	19.4	12.9
62.5°	42.0	38.8	38.8	35.5	32.3	29.1	25.8	22.6	22.6	19.4	12.9
60°	45.2	42.0	38.8	38.8	35.5	32.3	25.8	25.8	22.6	19.4	12.9
57.5°	48.4	45.2	45.2	42.0	38.8	35.5	29.1	25.8	22.6	19.4	16.1
55°	58.1	51.7	48.4	48.4	45.2	38.8	32.3	25.8	22.6	19.4	16.1
52.5°	77.5	61.4	54.9	54.9	51.7	45.2	35.5	29.1	22.6	19.4	16.1
50°	122.7	77.5	64.6	58.1	58.1	51.7	42.0	32.3	22.6	19.4	16.1
47.5°	193.8	129.2	77.5	67.8	64.6	61.4	48.4	32.3	25.8	19.4	16.1
45°	319.8	190.6	126.0	80.7	67.8	64.6	54.9	35.5	25.8	22.6	16.1
42.5°	439.3	297.1	193.8	96.9	80.7	71.1	58.1	38.8	29.1	22.6	16.1
40°	691.2	407.0	271.3	158.3	93.7	74.3	64.6	45.2	29.1	22.6	16.1
37.5°	936.6	539.4	365.0	232.5	106.6	84.0	67.8	48.4	32.3	22.6	19.4
35°	1182.1	755.8	452.2	310.1	142.1	100.1	71.1	51.7	32.3	22.6	19.4
32.5°	1401.7	959.3	542.6	387.6	213.2	119.5	77.5	54.9	35.5	25.8	19.4
30°	1582.6	1146.6	704.1	455.4	277.8	145.3	84.0	54.9	38.8	25.8	19.4
27.5°	1718.3	1291.9	868.8	526.5	332.7	171.2	96.9	61.4	38.8	25.8	19.4
25°	1828.1	1405.0	1014.2	600.7	381.1	213.2	116.3	64.6	42.0	29.1	19.4
22.5°	1915.3	1498.6	1133.7	700.9	439.3	255.2	142.1	71.1	42.0	29.1	19.4
20°	2034.8	1592.3	1214.4	807.5	500.6	293.9	164.7	77.5	42.0	29.1	22.6
17.5°	2138.1	1686.0	1279.0	897.9	562.0	323.0	190.6	84.0	45.2	29.1	22.6
15°	2257.6	1776.4	1337.1	968.9	620.1	348.8	213.2	90.4	45.2	32.3	22.6
12.5°	2386.8	1860.4	1379.1	1027.1	681.5	371.4	232.5	103.4	48.4	32.3	22.6
10°	2519.3	1931.4	1414.7	1069.1	726.7	394.0	245.5	116.3	51.7	32.3	22.6
7.5°	2651.7	1996.0	1459.9	1088.5	746.1	419.9	251.9	129.2	51.7	35.5	22.6
5°	2742.1	2038.0	1524.5	1101.4	755.8	448.9	261.6	145.3	54.9	35.5	22.6
2.5°	2819.6	2063.9	1592.3	1111.1	759.0	465.1	258.4	155.0	58.1	35.5	22.6
0°	2855.2	2063.9	1637.5	1104.6	749.3	481.2	258.4	164.7	58.1	35.5	22.6
-2.5°	2800.3	2122.0	1624.6	1107.8	752.5	481.2	271.3	168.0	64.6	38.8	22.6
-5°	2713.1	2144.6	1585.8	1091.7	746.1	481.2	287.5	171.2	67.8	38.8	25.8
-7.5°	2629.1	2154.3	1540.6	1075.5	736.4	468.3	290.7	168.0	74.3	42.0	25.8
-10°	2519.3	2047.7	1482.5	1046.5	717.0	458.6	297.1	168.0	77.5	42.0	25.8
-12.5°	2393.3	1918.5	1411.4	1004.5	694.4	448.9	300.4	168.0	80.7	45.2	25.8
-15°	2248.0	1786.1	1330.7	959.3	662.1	436.0	293.9	164.7	84.0	45.2	29.1
-17.5°	2083.2	1656.9	1246.7	904.4	626.6	419.9	281.0	161.5	84.0	45.2	29.1
-20°	1895.9	1527.7	1153.0	849.4	584.6	400.5	268.1	155.0	84.0	45.2	29.1



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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°	1728.0	1408.2	1056.2	788.1	539.4	377.9	251.9	148.6	84.0	48.4	29.1
-25°	1589.1	1291.9	981.9	726.7	490.9	352.1	235.8	142.1	84.0	48.4	29.1
-27.5°	1443.7	1166.0	904.4	668.6	458.6	329.4	219.6	135.7	80.7	48.4	29.1
-30°	1295.2	1043.2	823.6	604.0	426.3	306.8	206.7	126.0	80.7	48.4	29.1
-32.5°	1159.5	943.1	749.3	539.4	390.8	284.2	193.8	122.7	77.5	48.4	29.1
-35°	1027.1	852.7	671.8	487.7	352.1	261.6	180.9	119.5	77.5	48.4	29.1
-37.5°	917.3	768.7	600.7	452.2	329.4	242.2	168.0	113.0	74.3	48.4	29.1
-40°	826.8	691.2	532.9	413.4	310.1	222.9	155.0	109.8	74.3	48.4	29.1
-42.5°	742.9	616.9	490.9	381.1	290.7	209.9	145.3	106.6	71.1	48.4	29.1
-45°	668.6	552.3	448.9	352.1	268.1	193.8	138.9	100.1	67.8	48.4	32.3
-47.5°	594.3	507.1	410.2	326.2	245.5	174.4	132.4	96.9	64.6	45.2	32.3
-50°	536.2	458.6	377.9	297.1	222.9	168.0	126.0	90.4	64.6	45.2	32.3
-52.5°	484.5	413.4	342.4	268.1	203.5	158.3	119.5	84.0	61.4	45.2	32.3
-55°	436.0	371.4	306.8	239.0	190.6	148.6	109.8	77.5	61.4	45.2	32.3
-57.5°	387.6	332.7	271.3	216.4	174.4	138.9	103.4	77.5	61.4	45.2	32.3
-60°	348.8	297.1	245.5	200.2	161.5	126.0	93.7	74.3	58.1	45.2	32.3
-62.5°	316.5	268.1	222.9	180.9	148.6	113.0	90.4	74.3	58.1	45.2	29.1
-65°	284.2	242.2	200.2	164.7	132.4	106.6	87.2	71.1	58.1	45.2	29.1
-67.5°	251.9	213.2	180.9	145.3	122.7	103.4	84.0	71.1	54.9	42.0	29.1
-70°	219.6	187.3	158.3	135.7	116.3	96.9	80.7	67.8	54.9	38.8	25.8
-72.5°	193.8	164.7	142.1	126.0	109.8	93.7	77.5	64.6	51.7	35.5	22.6
-75°	164.7	145.3	129.2	113.0	100.1	87.2	74.3	58.1	45.2	32.3	22.6
-77.5°	138.9	126.0	113.0	103.4	90.4	77.5	64.6	51.7	42.0	29.1	19.4
-80°	119.5	109.8	100.1	90.4	80.7	67.8	58.1	45.2	35.5	25.8	16.1
-82.5°	96.9	90.4	80.7	74.3	67.8	58.1	48.4	38.8	25.8	19.4	12.9
-85°	74.3	67.8	64.6	58.1	51.7	42.0	32.3	25.8	19.4	12.9	6.5
-87.5°	38.8	35.5	32.3	29.1	25.8	19.4	16.1	12.9	9.7	6.5	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-827-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°	6.5	3.2	0.0	0.0
65°	6.5	3.2	0.0	0.0
62.5°	6.5	3.2	0.0	0.0
60°	6.5	3.2	0.0	0.0
57.5°	9.7	3.2	3.2	0.0
55°	9.7	3.2	3.2	0.0
52.5°	9.7	3.2	3.2	0.0
50°	9.7	6.5	3.2	0.0
47.5°	9.7	6.5	3.2	0.0
45°	9.7	6.5	3.2	0.0
42.5°	9.7	6.5	3.2	0.0
40°	12.9	6.5	3.2	0.0
37.5°	12.9	6.5	3.2	0.0
35°	12.9	6.5	3.2	0.0
32.5°	12.9	6.5	3.2	0.0
30°	12.9	6.5	3.2	0.0
27.5°	12.9	9.7	3.2	0.0
25°	12.9	9.7	3.2	0.0
22.5°	16.1	9.7	3.2	0.0
20°	16.1	9.7	3.2	0.0
17.5°	16.1	9.7	3.2	0.0
15°	16.1	9.7	3.2	0.0
12.5°	16.1	9.7	3.2	0.0
10°	16.1	9.7	3.2	0.0
7.5°	16.1	9.7	3.2	0.0
5°	16.1	9.7	3.2	0.0
2.5°	16.1	9.7	3.2	0.0
0°	16.1	9.7	3.2	0.0
-2.5°	16.1	9.7	3.2	0.0
-5°	16.1	9.7	3.2	0.0
-7.5°	16.1	9.7	3.2	0.0
-10°	16.1	9.7	3.2	0.0
-12.5°	19.4	9.7	3.2	0.0
-15°	19.4	9.7	3.2	0.0
-17.5°	19.4	9.7	3.2	0.0
-20°	19.4	9.7	3.2	0.0

REPORT NUMBER: P722578

CATALOG NUMBER: IFLD-S-SA6A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.4	9.7	3.2	0.0
-25°	19.4	9.7	3.2	0.0
-27.5°	19.4	9.7	3.2	0.0
-30°	19.4	9.7	3.2	0.0
-32.5°	19.4	9.7	3.2	0.0
-35°	19.4	9.7	3.2	0.0
-37.5°	19.4	9.7	3.2	0.0
-40°	19.4	9.7	3.2	0.0
-42.5°	16.1	9.7	3.2	0.0
-45°	19.4	9.7	3.2	0.0
-47.5°	19.4	9.7	3.2	0.0
-50°	19.4	9.7	3.2	0.0
-52.5°	19.4	9.7	3.2	0.0
-55°	19.4	9.7	3.2	0.0
-57.5°	19.4	9.7	3.2	0.0
-60°	19.4	9.7	3.2	0.0
-62.5°	16.1	9.7	3.2	0.0
-65°	16.1	6.5	3.2	0.0
-67.5°	16.1	6.5	3.2	0.0
-70°	16.1	6.5	3.2	0.0
-72.5°	12.9	6.5	3.2	0.0
-75°	12.9	6.5	3.2	0.0
-77.5°	9.7	3.2	0.0	0.0
-80°	9.7	3.2	0.0	0.0
-82.5°	6.5	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)