

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: P722594

Luminaire Tested: **IFLD-L-SA8B-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722594
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	30591.6 lumens	Max Intensity:	21356.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.6 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:	19516.1 lumens	Field Lumens:	28841 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

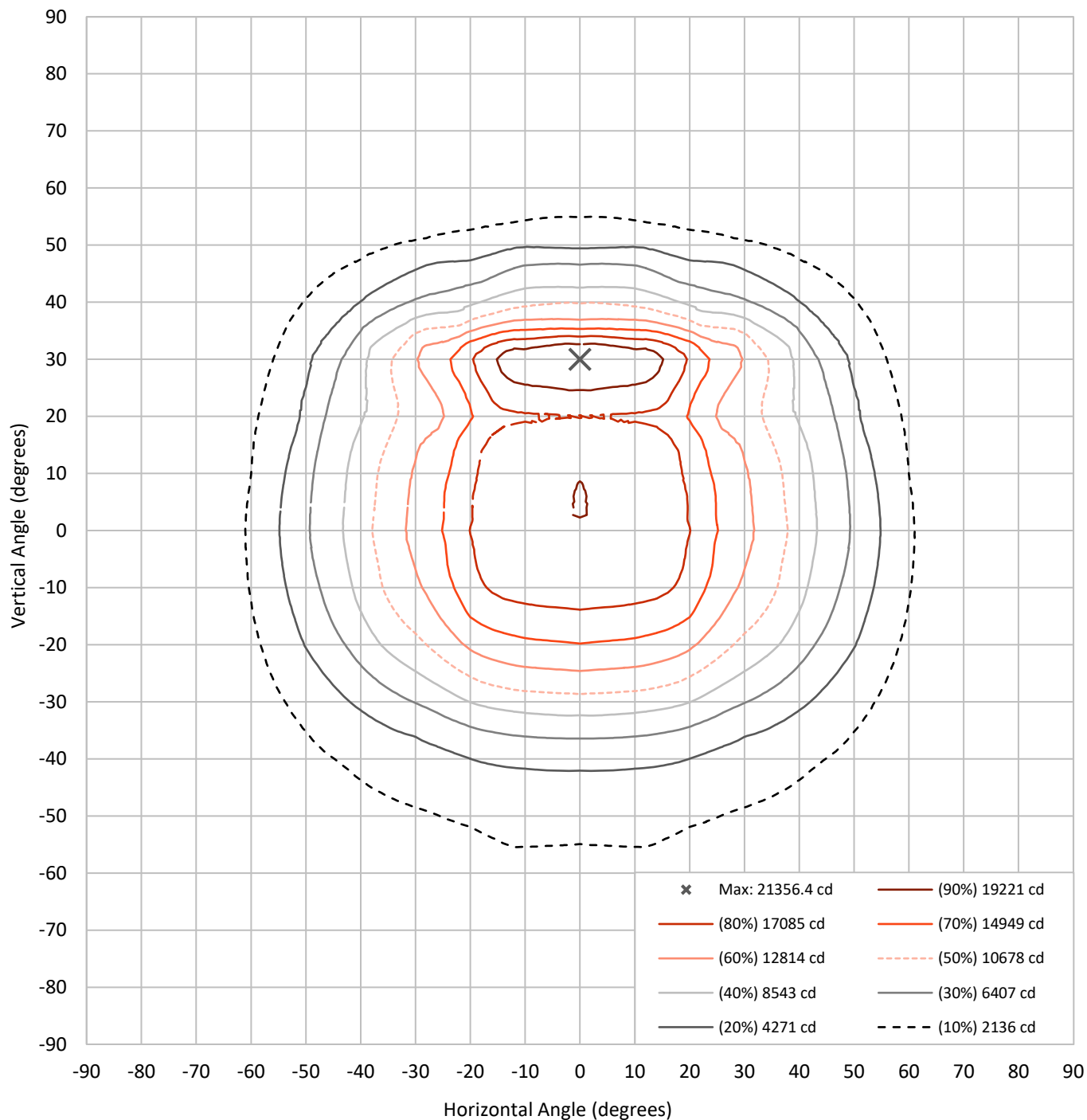
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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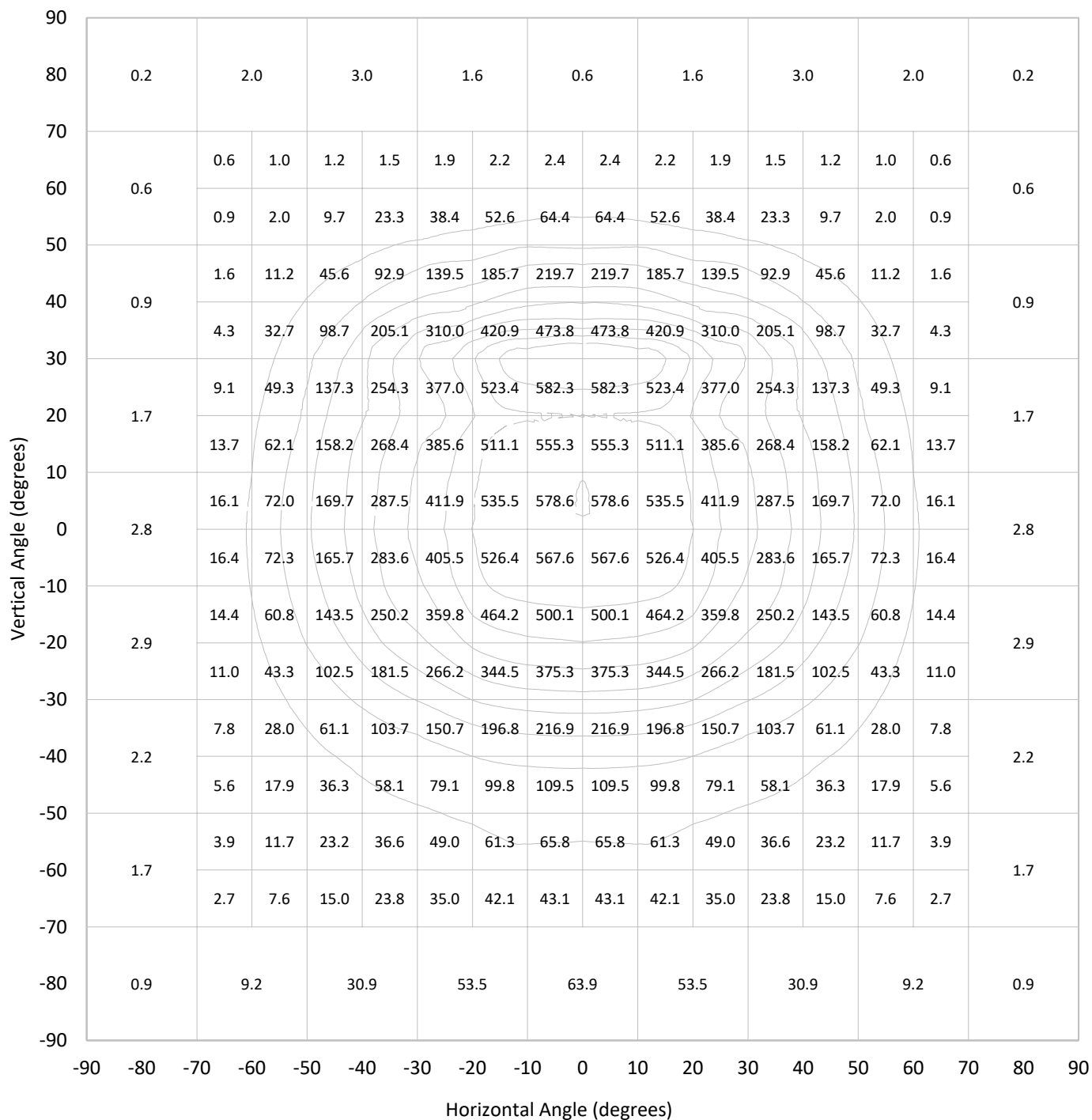
Iso-Candela Plot



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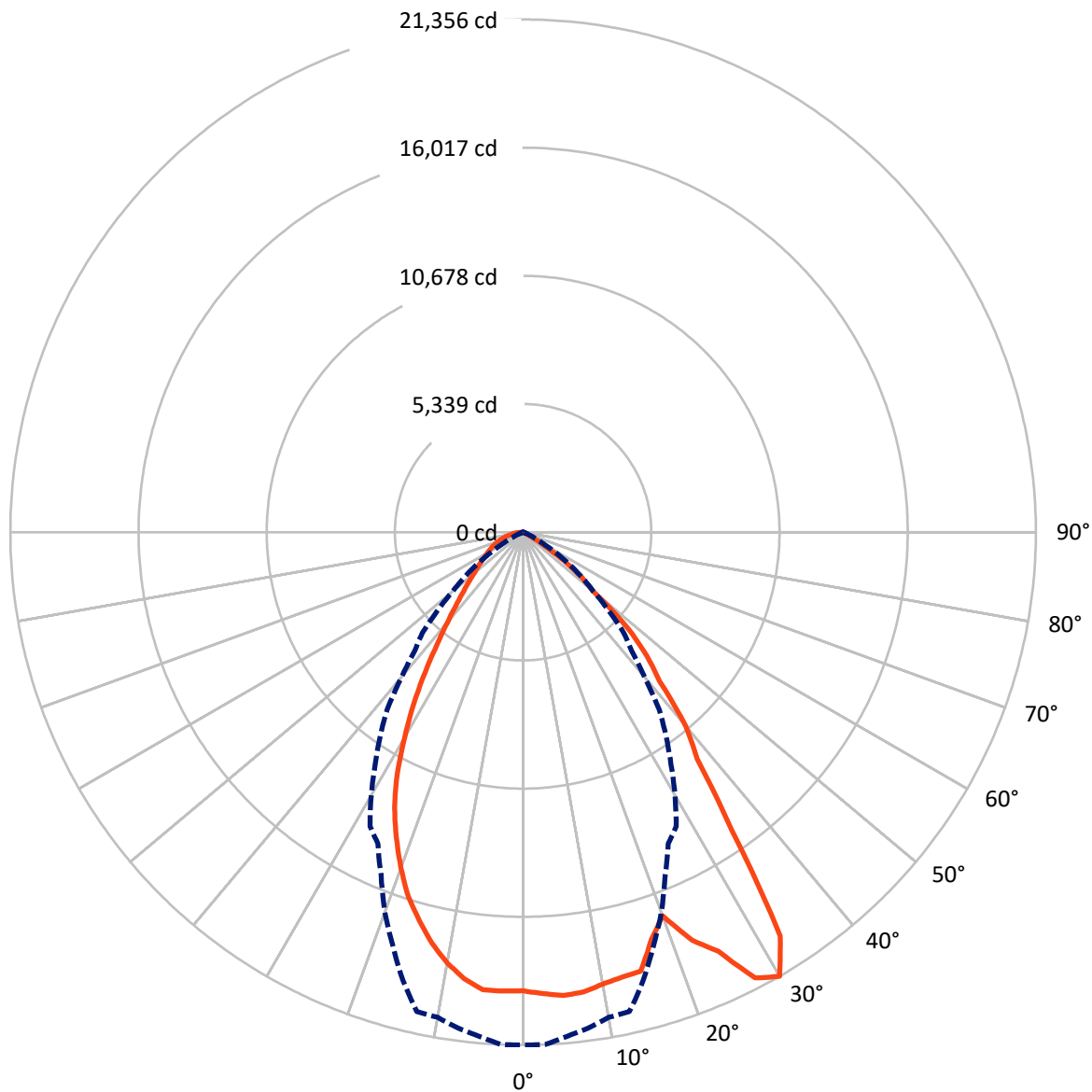
Lumen Table



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Luminous Intensity Polar Plot



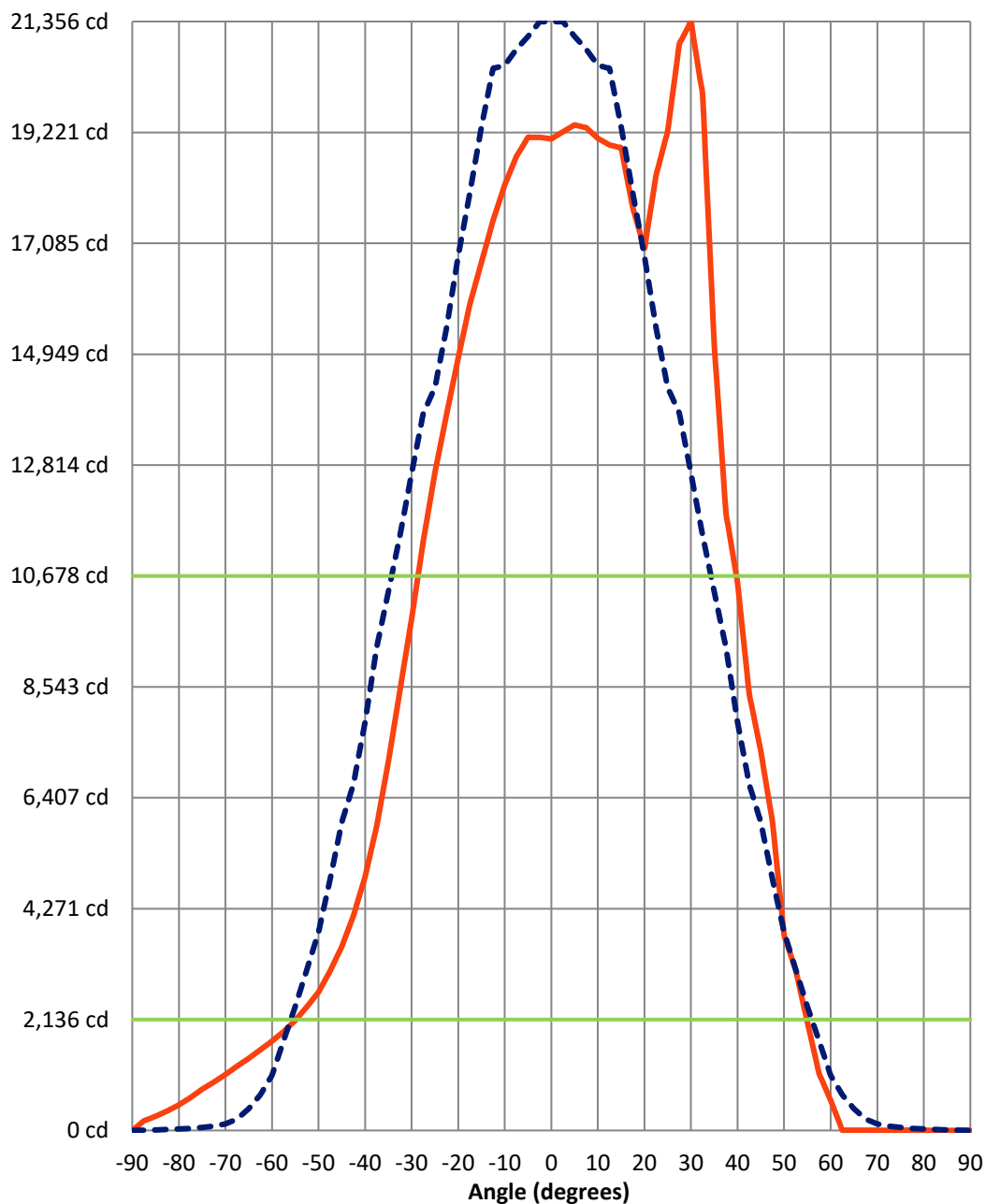
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 19516.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 28841

Efficiency: 94.3%

Spill:

Lumens: 1750.6

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	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	0.0	4.9	4.9	4.9	9.7	9.7	9.7	9.7	9.7	9.7	14.6
82.5°	0.0	4.9	4.9	4.9	9.7	9.7	9.7	9.7	14.6	14.6	19.5
80°	4.9	4.9	4.9	4.9	9.7	9.7	9.7	14.6	14.6	19.5	19.5
77.5°	4.9	4.9	4.9	9.7	9.7	9.7	14.6	14.6	19.5	19.5	24.4
75°	4.9	4.9	4.9	9.7	9.7	14.6	14.6	14.6	19.5	19.5	24.4
72.5°	0.0	4.9	4.9	9.7	9.7	14.6	14.6	14.6	19.5	19.5	19.5
70°	4.9	4.9	4.9	9.7	9.7	14.6	14.6	14.6	19.5	19.5	19.5
67.5°	4.9	4.9	4.9	9.7	9.7	14.6	14.6	19.5	19.5	19.5	24.4
65°	4.9	4.9	4.9	9.7	14.6	14.6	19.5	24.4	24.4	29.2	34.1
62.5°	4.9	9.7	9.7	14.6	19.5	24.4	53.6	82.8	82.8	58.4	48.7
60°	579.6	628.3	623.4	565.0	491.9	414.0	399.4	384.8	355.5	311.7	326.3
57.5°	1100.7	1159.1	1183.5	1168.9	1129.9	1061.7	1022.8	978.9	920.5	852.3	774.4
55°	2084.5	2108.8	2055.3	1953.0	1841.0	1729.0	1690.0	1631.6	1543.9	1456.2	1339.3
52.5°	3082.9	3165.7	3141.4	3039.1	2888.1	2688.4	2469.3	2298.8	2196.5	2099.1	1982.2
50°	3764.8	3798.8	3867.0	3988.8	4032.6	3896.3	3540.7	3082.9	2756.6	2922.2	2795.6
47.5°	5941.8	6112.3	6078.2	5990.5	5844.4	5474.2	4977.5	4568.4	4227.4	4115.4	4134.9
45°	7300.6	7368.8	7344.4	7305.5	7237.3	6891.5	6341.2	5712.9	5396.3	5269.7	5138.2
42.5°	8415.9	8489.0	8503.6	8508.4	8435.4	8118.8	7622.1	6993.8	6677.2	6311.9	6024.6
40°	10544.2	10651.4	10529.6	10368.9	10125.4	9765.0	9278.0	8698.4	8138.3	7690.2	7349.3
37.5°	11903.1	12034.6	12083.3	12073.5	12019.9	11864.1	11265.1	10714.7	9857.5	8854.2	9034.4
35°	15127.2	15263.6	15224.6	15078.5	15000.6	14835.0	14250.6	13597.9	12521.6	11430.6	11138.4
32.5°	19934.2	20231.3	19676.1	19067.3	18692.3	18823.8	18229.6	16632.1	16135.4	14167.8	13257.0
30°	21356.4	21351.5	21069.0	20820.6	20513.8	20450.5	19330.3	18054.3	16836.7	15458.4	14309.0
27.5°	20922.9	20835.2	20596.6	20416.4	20129.0	19978.1	18882.2	17869.2	16461.7	15229.5	14119.1
25°	19252.4	19320.6	19077.0	19043.0	18930.9	18638.7	18093.2	16953.6	15697.0	14333.4	13534.6
22.5°	18390.3	18366.0	18073.8	17903.3	18039.7	17728.0	17508.8	16359.4	15049.3	13899.9	12940.4
20°	16987.7	16992.5	16919.5	16904.9	16822.1	16680.8	16505.5	15692.2	14766.8	13783.0	12628.7
17.5°	17771.8	17971.5	18059.1	17333.5	17538.0	17377.3	17192.2	16057.4	15361.0	14489.2	12984.3
15°	18921.2	18848.1	18760.5	18721.5	18609.5	18458.5	18122.5	17216.6	16018.5	15117.5	13943.7
12.5°	18979.6	18838.4	18804.3	18799.4	18682.5	18473.1	18146.8	17396.8	16335.1	15239.2	14284.6
10°	19106.3	18960.2	18940.7	18965.0	18784.8	18653.3	18327.0	17630.6	16432.5	15448.7	14547.6
7.5°	19310.8	19067.3	19179.3	19106.3	19023.5	18814.0	18463.4	17781.5	16788.0	15726.3	14781.4
5°	19364.4	19096.5	19218.3	19150.1	19028.3	18823.8	18443.9	17878.9	17007.2	15838.3	14874.0
2.5°	19232.9	19155.0	19101.4	18974.8	18921.2	18697.2	18336.8	17732.8	16904.9	15789.6	14854.5
0°	19096.5	19164.7	19043.0	18916.3	18892.0	18711.8	18404.9	17859.5	17143.5	15925.9	15020.1
-2.5°	19125.7	19072.2	18989.4	18857.9	18731.3	18473.1	18195.5	17684.1	16914.6	15628.9	14786.3
-5°	19125.7	18877.4	18887.1	18892.0	18765.3	18497.5	18161.4	17728.0	16778.3	15624.0	14718.1
-7.5°	18755.6	18541.3	18507.2	18478.0	18443.9	18195.5	17932.5	17391.9	16549.3	15497.4	14528.2
-10°	18210.1	18000.7	18020.2	17976.4	17869.2	17703.6	17503.9	17016.9	16325.3	15098.0	14143.4
-12.5°	17528.3	17435.7	17382.2	17309.1	17202.0	17055.9	16851.3	16393.5	15653.2	14606.1	13700.2
-15°	16719.8	16651.6	16602.9	16559.1	16403.2	16252.3	15984.4	15560.7	15098.0	13972.9	13047.6
-17.5°	15911.3	15740.9	15672.7	15614.2	15512.0	15268.5	15024.9	14708.4	14060.6	13169.3	12375.5
-20°	14874.0	14771.7	14688.9	14611.0	14464.9	14274.9	14075.2	13710.0	13149.9	12429.1	11606.0

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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°	13787.9	13729.4	13661.2	13563.8	13466.4	13286.2	13008.6	12658.0	12219.6	11440.4	10670.9
-25°	12667.7	12555.7	12472.9	12380.4	12302.4	12136.8	11869.0	11532.9	10982.6	10310.5	9667.6
-27.5°	11347.8	11240.7	11196.9	11089.7	11021.5	10870.6	10602.7	10291.0	9794.2	9229.3	8576.6
-30°	9857.5	9877.0	9828.3	9726.0	9643.2	9448.4	9243.9	8980.9	8591.2	8050.6	7466.2
-32.5°	8479.2	8503.6	8445.1	8338.0	8230.8	8089.6	7899.7	7661.0	7368.8	6852.5	6346.0
-35°	7100.9	7091.2	7042.5	6979.2	6906.1	6789.2	6574.9	6394.7	6058.7	5698.3	5347.6
-37.5°	5863.9	5888.2	5873.6	5839.5	5756.7	5659.3	5484.0	5318.4	5070.0	4753.4	4480.7
-40°	4884.9	4914.2	4894.7	4860.6	4787.5	4729.1	4612.2	4466.1	4266.4	3993.7	3764.8
-42.5°	4134.9	4154.4	4130.0	4100.8	4037.5	3993.7	3901.1	3779.4	3613.8	3404.4	3199.8
-45°	3540.7	3545.6	3521.2	3501.8	3453.1	3399.5	3321.6	3224.2	3092.7	2946.5	2781.0
-47.5°	3073.2	3068.3	3044.0	3024.5	2985.5	2936.8	2873.5	2785.8	2683.5	2571.5	2440.0
-50°	2664.1	2688.4	2678.7	2659.2	2630.0	2595.9	2532.6	2440.0	2337.8	2255.0	2162.4
-52.5°	2381.6	2386.5	2381.6	2381.6	2376.7	2352.4	2279.3	2186.8	2074.8	2001.7	1923.8
-55°	2118.6	2142.9	2152.7	2162.4	2167.3	2167.3	2079.6	1982.2	1875.1	1802.0	1743.6
-57.5°	1904.3	1918.9	1928.6	1953.0	1972.5	1987.1	1909.2	1821.5	1738.7	1670.5	1616.9
-60°	1719.2	1738.7	1753.3	1777.7	1792.3	1802.0	1753.3	1694.9	1646.2	1602.3	1524.4
-62.5°	1553.6	1568.2	1582.9	1597.5	1612.1	1621.8	1602.3	1573.1	1548.8	1529.3	1431.9
-65°	1388.0	1402.7	1417.3	1436.7	1451.4	1461.1	1456.2	1436.7	1417.3	1397.8	1310.1
-67.5°	1237.1	1251.7	1271.2	1276.0	1285.8	1290.6	1280.9	1266.3	1241.9	1217.6	1149.4
-70°	1076.3	1086.1	1095.8	1095.8	1095.8	1091.0	1081.2	1061.7	1037.4	1003.3	949.7
-72.5°	930.2	940.0	949.7	935.1	925.4	910.7	896.1	871.8	847.4	823.1	793.9
-75°	793.9	798.7	798.7	779.3	764.6	750.0	730.5	715.9	691.6	672.1	647.8
-77.5°	633.1	633.1	633.1	618.5	608.8	599.0	584.4	569.8	550.3	535.7	516.3
-80°	491.9	491.9	491.9	487.0	472.4	462.7	452.9	443.2	428.6	418.8	409.1
-82.5°	375.0	375.0	375.0	370.1	360.4	355.5	345.8	336.1	331.2	321.4	316.6
-85°	272.7	277.6	277.6	272.7	267.9	258.1	253.3	248.4	243.5	238.6	228.9
-87.5°	185.1	185.1	185.1	180.2	175.3	175.3	170.5	160.7	151.0	146.1	141.2
-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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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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
85°	14.6	14.6	14.6	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.6
82.5°	24.4	24.4	29.2	29.2	34.1	34.1	34.1	34.1	34.1	34.1	34.1
80°	24.4	29.2	34.1	39.0	43.8	48.7	48.7	48.7	48.7	43.8	43.8
77.5°	29.2	29.2	34.1	39.0	43.8	48.7	53.6	58.4	53.6	53.6	53.6
75°	29.2	34.1	34.1	39.0	43.8	48.7	53.6	58.4	58.4	58.4	58.4
72.5°	24.4	29.2	34.1	39.0	39.0	43.8	48.7	48.7	53.6	53.6	58.4
70°	24.4	29.2	34.1	34.1	39.0	39.0	43.8	48.7	48.7	53.6	53.6
67.5°	29.2	34.1	34.1	39.0	43.8	43.8	43.8	48.7	48.7	53.6	53.6
65°	34.1	39.0	39.0	43.8	48.7	48.7	53.6	53.6	53.6	58.4	58.4
62.5°	58.4	58.4	58.4	53.6	58.4	58.4	58.4	63.3	63.3	58.4	63.3
60°	302.0	219.2	151.0	189.9	170.5	77.9	77.9	77.9	73.1	73.1	68.2
57.5°	711.1	662.4	569.8	482.2	433.5	384.8	238.6	97.4	97.4	87.7	77.9
55°	1188.4	1027.6	959.5	842.6	715.9	657.5	545.5	370.1	175.3	116.9	102.3
52.5°	1841.0	1690.0	1514.7	1276.0	1105.6	969.2	876.7	696.5	467.6	248.4	155.9
50°	2464.4	2396.2	2289.1	2055.3	1699.7	1470.8	1319.9	1115.3	837.7	511.4	292.2
47.5°	3969.3	3399.5	3053.7	2873.5	2576.4	2142.9	1850.7	1621.8	1285.8	862.0	516.3
45°	4996.9	4636.5	4086.2	3706.3	3268.0	2810.2	2430.3	2167.3	1767.9	1290.6	808.5
42.5°	5878.5	5566.8	5070.0	4514.8	4052.1	3453.1	2966.0	2620.2	2284.2	1763.1	1207.8
40°	7013.3	6643.1	6165.8	5625.2	5084.6	4320.0	3531.0	3112.1	2742.0	2279.3	1631.6
37.5°	8883.5	8230.8	7451.6	6852.5	6146.3	5498.6	4417.4	3677.1	3238.8	2756.6	2128.3
35°	11133.6	10417.6	9117.2	8323.4	7378.5	6414.2	5440.1	4344.3	3720.9	3209.5	2586.1
32.5°	13227.8	12180.7	10515.0	9584.8	8956.5	7178.9	6170.7	5221.0	4217.7	3589.4	2849.1
30°	13807.4	12653.1	11459.9	10373.8	9302.3	7865.6	6672.3	5932.0	4841.1	3818.3	3097.5
27.5°	13222.9	12429.1	11503.7	10495.5	9336.4	8104.2	6979.2	6273.0	5298.9	3974.2	3292.3
25°	12628.7	11800.8	11153.0	10310.5	9239.0	8089.6	6988.9	6487.3	5654.4	4276.1	3399.5
22.5°	12000.5	11484.2	10948.5	10008.5	8995.5	8133.4	7305.5	6672.3	5839.5	4617.1	3443.3
20°	12034.6	11698.5	11109.2	9852.7	8951.6	8391.6	7685.4	6906.1	6039.2	4914.2	3477.4
17.5°	12580.0	12141.7	11401.4	10310.5	9346.1	8654.6	8001.9	7227.6	6243.8	5177.2	3891.4
15°	13252.1	12584.9	11810.5	10851.1	9760.1	8941.9	8245.5	7451.6	6477.5	5420.7	4261.5
12.5°	13739.2	12789.5	12063.8	11196.9	10208.2	9253.6	8406.2	7622.1	6696.7	5620.3	4539.1
10°	13904.8	13042.7	12185.5	11411.2	10437.1	9419.2	8527.9	7729.2	6886.6	5776.2	4743.7
7.5°	13992.4	13261.9	12268.3	11508.6	10573.5	9521.5	8625.3	7787.6	7037.6	5883.3	4875.2
5°	13982.7	13378.8	12331.7	11537.8	10646.5	9565.3	8693.5	7802.3	7144.8	5975.9	4953.1
2.5°	13938.9	13456.7	12433.9	11586.5	10792.6	9648.1	8825.0	7831.5	7183.7	6078.2	5006.7
0°	14099.6	13461.6	12541.1	11601.1	10890.0	9677.3	8883.5	7807.1	7130.1	6107.4	5001.8
-2.5°	13753.8	13174.2	12516.7	11474.5	10758.5	9609.1	8776.3	7729.2	7013.3	6073.3	4982.3
-5°	13695.3	12964.8	12312.2	11357.6	10539.4	9467.9	8576.6	7583.1	6828.2	5961.3	4904.4
-7.5°	13539.5	12765.1	12112.5	11265.1	10334.8	9321.8	8386.7	7432.1	6628.5	5785.9	4792.4
-10°	13198.6	12458.3	11898.2	11065.4	10086.4	9112.4	8157.8	7232.4	6394.7	5547.3	4617.1
-12.5°	12711.5	11971.2	11416.0	10641.6	9774.7	8829.9	7885.0	6974.3	6126.9	5294.0	4407.6
-15°	12161.2	11411.2	10855.9	10149.7	9312.1	8391.6	7539.3	6648.0	5820.0	5026.2	4159.3
-17.5°	11537.8	10826.7	10291.0	9604.3	8771.4	7894.8	7047.4	6238.9	5464.5	4748.6	3871.9
-20°	10817.0	10125.4	9633.5	8946.8	8182.1	7329.8	6506.7	5742.1	5045.7	4373.5	3555.3

REPORT NUMBER: P722594

CATALOG NUMBER: IFLD-L-SA8B-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°	9925.7	9316.9	8756.8	8143.2	7475.9	6696.7	5932.0	5255.1	4587.8	3930.3	3229.0
-25°	9015.0	8425.7	7880.2	7320.1	6682.1	6010.0	5357.4	4743.7	4091.1	3496.9	2912.5
-27.5°	8001.9	7475.9	6988.9	6472.7	5888.2	5308.6	4772.9	4173.9	3608.9	3102.4	2600.8
-30°	6920.7	6492.1	6068.4	5610.6	5138.2	4651.2	4173.9	3608.9	3165.7	2761.5	2337.8
-32.5°	5883.3	5498.6	5157.7	4816.7	4407.6	4008.3	3584.6	3165.7	2795.6	2440.0	2084.5
-35°	4972.6	4563.5	4373.5	4100.8	3774.5	3414.1	3068.3	2776.1	2479.0	2157.6	1841.0
-37.5°	4183.6	3920.6	3696.6	3492.0	3233.9	2922.2	2673.8	2435.2	2186.8	1894.6	1621.8
-40°	3565.1	3375.1	3151.1	3000.1	2790.7	2566.7	2318.3	2118.6	1909.2	1670.5	1446.5
-42.5°	3068.3	2912.5	2766.3	2605.6	2449.8	2259.8	2045.5	1855.6	1665.6	1490.3	1305.2
-45°	2659.2	2547.2	2430.3	2298.8	2162.4	1996.8	1821.5	1626.7	1490.3	1334.5	1178.6
-47.5°	2323.1	2240.3	2142.9	2040.7	1923.8	1777.7	1616.9	1475.7	1334.5	1203.0	1052.0
-50°	2055.3	1977.3	1899.4	1811.8	1709.5	1582.9	1461.1	1329.6	1198.1	1071.5	930.2
-52.5°	1831.2	1763.1	1699.7	1626.7	1529.3	1422.1	1310.1	1193.2	1071.5	944.8	832.8
-55°	1675.4	1597.5	1534.2	1461.1	1373.4	1271.2	1168.9	1061.7	944.8	847.4	754.9
-57.5°	1548.8	1461.1	1388.0	1310.1	1222.5	1134.8	1042.2	944.8	857.2	764.6	677.0
-60°	1441.6	1339.3	1256.5	1178.6	1095.8	1013.0	935.1	852.3	769.5	686.7	599.0
-62.5°	1329.6	1222.5	1120.2	1047.1	983.8	910.7	842.6	764.6	691.6	608.8	545.5
-65°	1203.0	1100.7	1003.3	940.0	881.5	818.2	754.9	686.7	623.4	560.1	501.6
-67.5°	1061.7	974.1	905.9	847.4	789.0	735.4	677.0	618.5	565.0	501.6	443.2
-70°	891.3	842.6	803.6	759.8	706.2	657.5	603.9	550.3	491.9	438.3	384.8
-72.5°	759.8	730.5	701.3	657.5	608.8	565.0	521.1	472.4	423.7	375.0	331.2
-75°	623.4	599.0	574.7	545.5	506.5	472.4	433.5	389.6	350.7	316.6	282.5
-77.5°	501.6	482.2	467.6	443.2	414.0	384.8	360.4	331.2	302.0	267.9	233.8
-80°	399.4	389.6	384.8	375.0	350.7	326.3	306.8	282.5	253.3	228.9	204.6
-82.5°	311.7	311.7	306.8	302.0	282.5	263.0	248.4	228.9	209.4	189.9	165.6
-85°	228.9	224.0	224.0	219.2	204.6	194.8	180.2	170.5	155.9	136.4	126.6
-87.5°	136.4	131.5	126.6	121.8	112.0	107.1	97.4	92.5	82.8	73.1	68.2
-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-L-SA8B-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°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	0.0	0.0
85°	14.6	9.7	9.7	9.7	9.7	9.7	4.9	4.9	4.9	4.9	4.9
82.5°	29.2	29.2	24.4	24.4	19.5	14.6	9.7	9.7	9.7	4.9	4.9
80°	43.8	43.8	43.8	39.0	34.1	24.4	19.5	14.6	9.7	4.9	4.9
77.5°	53.6	48.7	48.7	43.8	43.8	39.0	29.2	24.4	14.6	9.7	4.9
75°	53.6	53.6	53.6	48.7	48.7	43.8	39.0	29.2	24.4	14.6	9.7
72.5°	58.4	53.6	53.6	53.6	48.7	43.8	39.0	34.1	29.2	19.5	9.7
70°	53.6	53.6	53.6	53.6	48.7	48.7	39.0	34.1	34.1	19.5	14.6
67.5°	53.6	53.6	53.6	48.7	48.7	43.8	39.0	34.1	34.1	24.4	14.6
65°	58.4	53.6	53.6	53.6	48.7	43.8	39.0	34.1	34.1	29.2	19.5
62.5°	63.3	58.4	58.4	53.6	48.7	43.8	39.0	34.1	34.1	29.2	19.5
60°	68.2	63.3	58.4	58.4	53.6	48.7	39.0	39.0	34.1	29.2	19.5
57.5°	73.1	68.2	68.2	63.3	58.4	53.6	43.8	39.0	34.1	29.2	24.4
55°	87.7	77.9	73.1	73.1	68.2	58.4	48.7	39.0	34.1	29.2	24.4
52.5°	116.9	92.5	82.8	82.8	77.9	68.2	53.6	43.8	34.1	29.2	24.4
50°	185.1	116.9	97.4	87.7	87.7	77.9	63.3	48.7	34.1	29.2	24.4
47.5°	292.2	194.8	116.9	102.3	97.4	92.5	73.1	48.7	39.0	29.2	24.4
45°	482.2	287.3	189.9	121.8	102.3	97.4	82.8	53.6	39.0	34.1	24.4
42.5°	662.4	448.1	292.2	146.1	121.8	107.1	87.7	58.4	43.8	34.1	24.4
40°	1042.2	613.7	409.1	238.6	141.2	112.0	97.4	68.2	43.8	34.1	24.4
37.5°	1412.4	813.3	550.3	350.7	160.7	126.6	102.3	73.1	48.7	34.1	29.2
35°	1782.5	1139.7	681.8	467.6	214.3	151.0	107.1	77.9	48.7	34.1	29.2
32.5°	2113.7	1446.5	818.2	584.4	321.4	180.2	116.9	82.8	53.6	39.0	29.2
30°	2386.5	1729.0	1061.7	686.7	418.8	219.2	126.6	82.8	58.4	39.0	29.2
27.5°	2591.0	1948.1	1310.1	793.9	501.6	258.1	146.1	92.5	58.4	39.0	29.2
25°	2756.6	2118.6	1529.3	905.9	574.7	321.4	175.3	97.4	63.3	43.8	29.2
22.5°	2888.1	2259.8	1709.5	1056.9	662.4	384.8	214.3	107.1	63.3	43.8	29.2
20°	3068.3	2401.1	1831.2	1217.6	754.9	443.2	248.4	116.9	63.3	43.8	34.1
17.5°	3224.2	2542.3	1928.6	1353.9	847.4	487.0	287.3	126.6	68.2	43.8	34.1
15°	3404.4	2678.7	2016.3	1461.1	935.1	526.0	321.4	136.4	68.2	48.7	34.1
12.5°	3599.2	2805.3	2079.6	1548.8	1027.6	560.1	350.7	155.9	73.1	48.7	34.1
10°	3798.8	2912.5	2133.2	1612.1	1095.8	594.2	370.1	175.3	77.9	48.7	34.1
7.5°	3998.5	3009.9	2201.4	1641.3	1125.0	633.1	379.9	194.8	77.9	53.6	34.1
5°	4134.9	3073.2	2298.8	1660.8	1139.7	677.0	394.5	219.2	82.8	53.6	34.1
2.5°	4251.8	3112.1	2401.1	1675.4	1144.5	701.3	389.6	233.8	87.7	53.6	34.1
0°	4305.4	3112.1	2469.3	1665.6	1129.9	725.7	389.6	248.4	87.7	53.6	34.1
-2.5°	4222.6	3199.8	2449.8	1670.5	1134.8	725.7	409.1	253.3	97.4	58.4	34.1
-5°	4091.1	3233.9	2391.3	1646.2	1125.0	725.7	433.5	258.1	102.3	58.4	39.0
-7.5°	3964.4	3248.5	2323.1	1621.8	1110.4	706.2	438.3	253.3	112.0	63.3	39.0
-10°	3798.8	3087.8	2235.5	1578.0	1081.2	691.6	448.1	253.3	116.9	63.3	39.0
-12.5°	3608.9	2893.0	2128.3	1514.7	1047.1	677.0	452.9	253.3	121.8	68.2	39.0
-15°	3389.7	2693.3	2006.6	1446.5	998.4	657.5	443.2	248.4	126.6	68.2	43.8
-17.5°	3141.4	2498.5	1879.9	1363.7	944.8	633.1	423.7	243.5	126.6	68.2	43.8
-20°	2858.9	2303.7	1738.7	1280.9	881.5	603.9	404.2	233.8	126.6	68.2	43.8

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CATALOG NUMBER: IFLD-L-SA8B-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2605.6	2123.5	1592.6	1188.4	813.3	569.8	379.9	224.0	126.6	73.1	43.8
-25°	2396.2	1948.1	1480.6	1095.8	740.3	530.9	355.5	214.3	126.6	73.1	43.8
-27.5°	2177.0	1758.2	1363.7	1008.2	691.6	496.8	331.2	204.6	121.8	73.1	43.8
-30°	1953.0	1573.1	1241.9	910.7	642.9	462.7	311.7	189.9	121.8	73.1	43.8
-32.5°	1748.4	1422.1	1129.9	813.3	589.3	428.6	292.2	185.1	116.9	73.1	43.8
-35°	1548.8	1285.8	1013.0	735.4	530.9	394.5	272.7	180.2	116.9	73.1	43.8
-37.5°	1383.2	1159.1	905.9	681.8	496.8	365.3	253.3	170.5	112.0	73.1	43.8
-40°	1246.8	1042.2	803.6	623.4	467.6	336.1	233.8	165.6	112.0	73.1	43.8
-42.5°	1120.2	930.2	740.3	574.7	438.3	316.6	219.2	160.7	107.1	73.1	43.8
-45°	1008.2	832.8	677.0	530.9	404.2	292.2	209.4	151.0	102.3	73.1	48.7
-47.5°	896.1	764.6	618.5	491.9	370.1	263.0	199.7	146.1	97.4	68.2	48.7
-50°	808.5	691.6	569.8	448.1	336.1	253.3	189.9	136.4	97.4	68.2	48.7
-52.5°	730.5	623.4	516.3	404.2	306.8	238.6	180.2	126.6	92.5	68.2	48.7
-55°	657.5	560.1	462.7	360.4	287.3	224.0	165.6	116.9	92.5	68.2	48.7
-57.5°	584.4	501.6	409.1	326.3	263.0	209.4	155.9	116.9	92.5	68.2	48.7
-60°	526.0	448.1	370.1	302.0	243.5	189.9	141.2	112.0	87.7	68.2	48.7
-62.5°	477.3	404.2	336.1	272.7	224.0	170.5	136.4	112.0	87.7	68.2	43.8
-65°	428.6	365.3	302.0	248.4	199.7	160.7	131.5	107.1	87.7	68.2	43.8
-67.5°	379.9	321.4	272.7	219.2	185.1	155.9	126.6	107.1	82.8	63.3	43.8
-70°	331.2	282.5	238.6	204.6	175.3	146.1	121.8	102.3	82.8	58.4	39.0
-72.5°	292.2	248.4	214.3	189.9	165.6	141.2	116.9	97.4	77.9	53.6	34.1
-75°	248.4	219.2	194.8	170.5	151.0	131.5	112.0	87.7	68.2	48.7	34.1
-77.5°	209.4	189.9	170.5	155.9	136.4	116.9	97.4	77.9	63.3	43.8	29.2
-80°	180.2	165.6	151.0	136.4	121.8	102.3	87.7	68.2	53.6	39.0	24.4
-82.5°	146.1	136.4	121.8	112.0	102.3	87.7	73.1	58.4	39.0	29.2	19.5
-85°	112.0	102.3	97.4	87.7	77.9	63.3	48.7	39.0	29.2	19.5	9.7
-87.5°	58.4	53.6	48.7	43.8	39.0	29.2	24.4	19.5	14.6	9.7	4.9
-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-SA8B-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°	4.9	0.0	0.0	0.0
77.5°	4.9	0.0	0.0	0.0
75°	4.9	4.9	0.0	0.0
72.5°	4.9	4.9	0.0	0.0
70°	4.9	4.9	0.0	0.0
67.5°	9.7	4.9	0.0	0.0
65°	9.7	4.9	0.0	0.0
62.5°	9.7	4.9	0.0	0.0
60°	9.7	4.9	0.0	0.0
57.5°	14.6	4.9	4.9	0.0
55°	14.6	4.9	4.9	0.0
52.5°	14.6	4.9	4.9	0.0
50°	14.6	9.7	4.9	0.0
47.5°	14.6	9.7	4.9	0.0
45°	14.6	9.7	4.9	0.0
42.5°	14.6	9.7	4.9	0.0
40°	19.5	9.7	4.9	0.0
37.5°	19.5	9.7	4.9	0.0
35°	19.5	9.7	4.9	0.0
32.5°	19.5	9.7	4.9	0.0
30°	19.5	9.7	4.9	0.0
27.5°	19.5	14.6	4.9	0.0
25°	19.5	14.6	4.9	0.0
22.5°	24.4	14.6	4.9	0.0
20°	24.4	14.6	4.9	0.0
17.5°	24.4	14.6	4.9	0.0
15°	24.4	14.6	4.9	0.0
12.5°	24.4	14.6	4.9	0.0
10°	24.4	14.6	4.9	0.0
7.5°	24.4	14.6	4.9	0.0
5°	24.4	14.6	4.9	0.0
2.5°	24.4	14.6	4.9	0.0
0°	24.4	14.6	4.9	0.0
-2.5°	24.4	14.6	4.9	0.0
-5°	24.4	14.6	4.9	0.0
-7.5°	24.4	14.6	4.9	0.0
-10°	24.4	14.6	4.9	0.0
-12.5°	29.2	14.6	4.9	0.0
-15°	29.2	14.6	4.9	0.0
-17.5°	29.2	14.6	4.9	0.0
-20°	29.2	14.6	4.9	0.0

REPORT NUMBER: P722594

CATALOG NUMBER: IFLD-L-SA8B-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	29.2	14.6	4.9	0.0
-25°	29.2	14.6	4.9	0.0
-27.5°	29.2	14.6	4.9	0.0
-30°	29.2	14.6	4.9	0.0
-32.5°	29.2	14.6	4.9	0.0
-35°	29.2	14.6	4.9	0.0
-37.5°	29.2	14.6	4.9	0.0
-40°	29.2	14.6	4.9	0.0
-42.5°	24.4	14.6	4.9	0.0
-45°	29.2	14.6	4.9	0.0
-47.5°	29.2	14.6	4.9	0.0
-50°	29.2	14.6	4.9	0.0
-52.5°	29.2	14.6	4.9	0.0
-55°	29.2	14.6	4.9	0.0
-57.5°	29.2	14.6	4.9	0.0
-60°	29.2	14.6	4.9	0.0
-62.5°	24.4	14.6	4.9	0.0
-65°	24.4	9.7	4.9	0.0
-67.5°	24.4	9.7	4.9	0.0
-70°	24.4	9.7	4.9	0.0
-72.5°	19.5	9.7	4.9	0.0
-75°	19.5	9.7	4.9	0.0
-77.5°	14.6	4.9	0.0	0.0
-80°	14.6	4.9	0.0	0.0
-82.5°	9.7	4.9	0.0	0.0
-85°	4.9	4.9	0.0	0.0
-87.5°	4.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)