

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: P722595

Luminaire Tested: **IFLD-L-SA8C-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722595
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-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:	38082.2 lumens	Max Intensity:	26585.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	90.6 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:	24294.8 lumens	Field Lumens:	35902.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

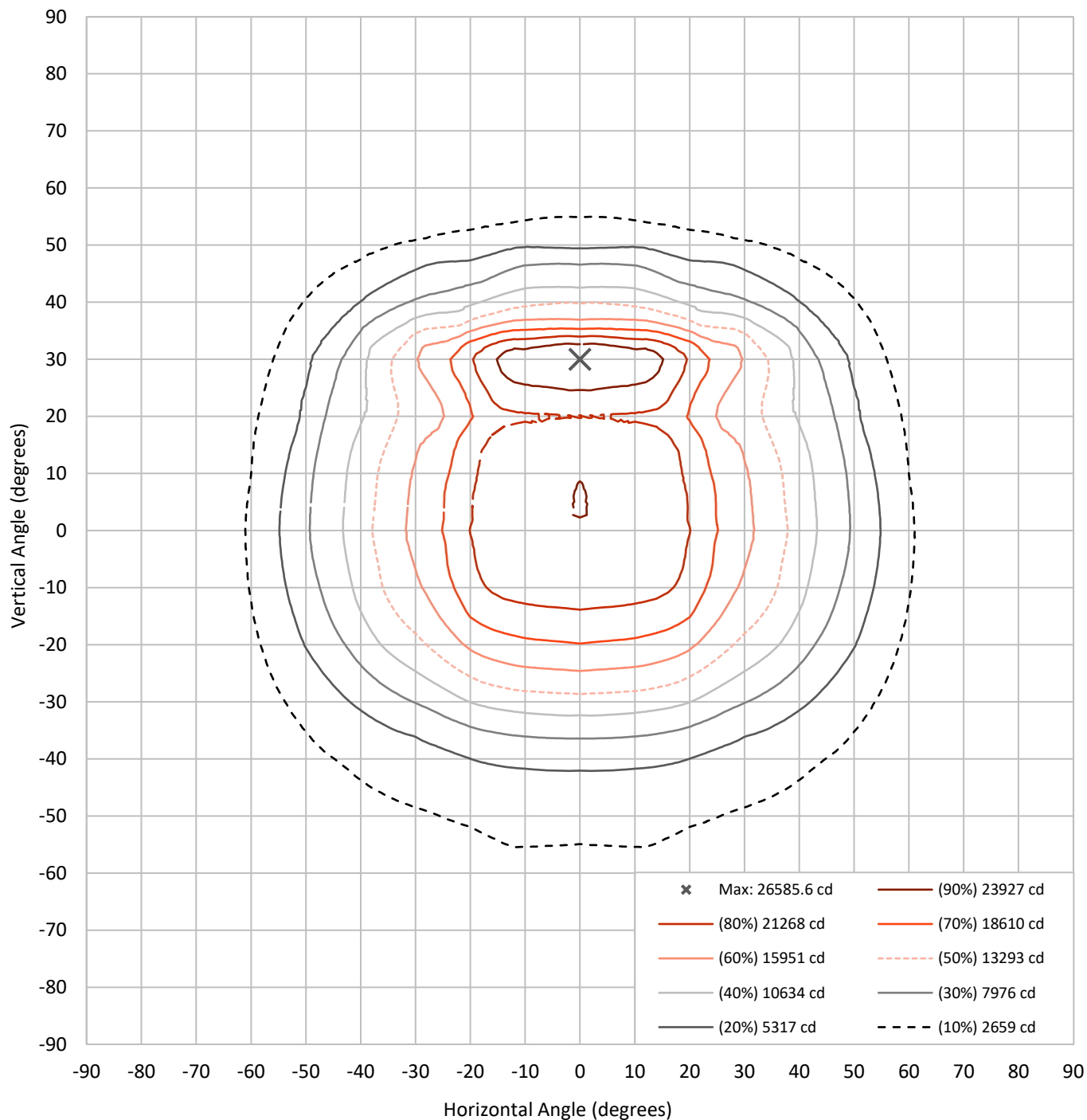
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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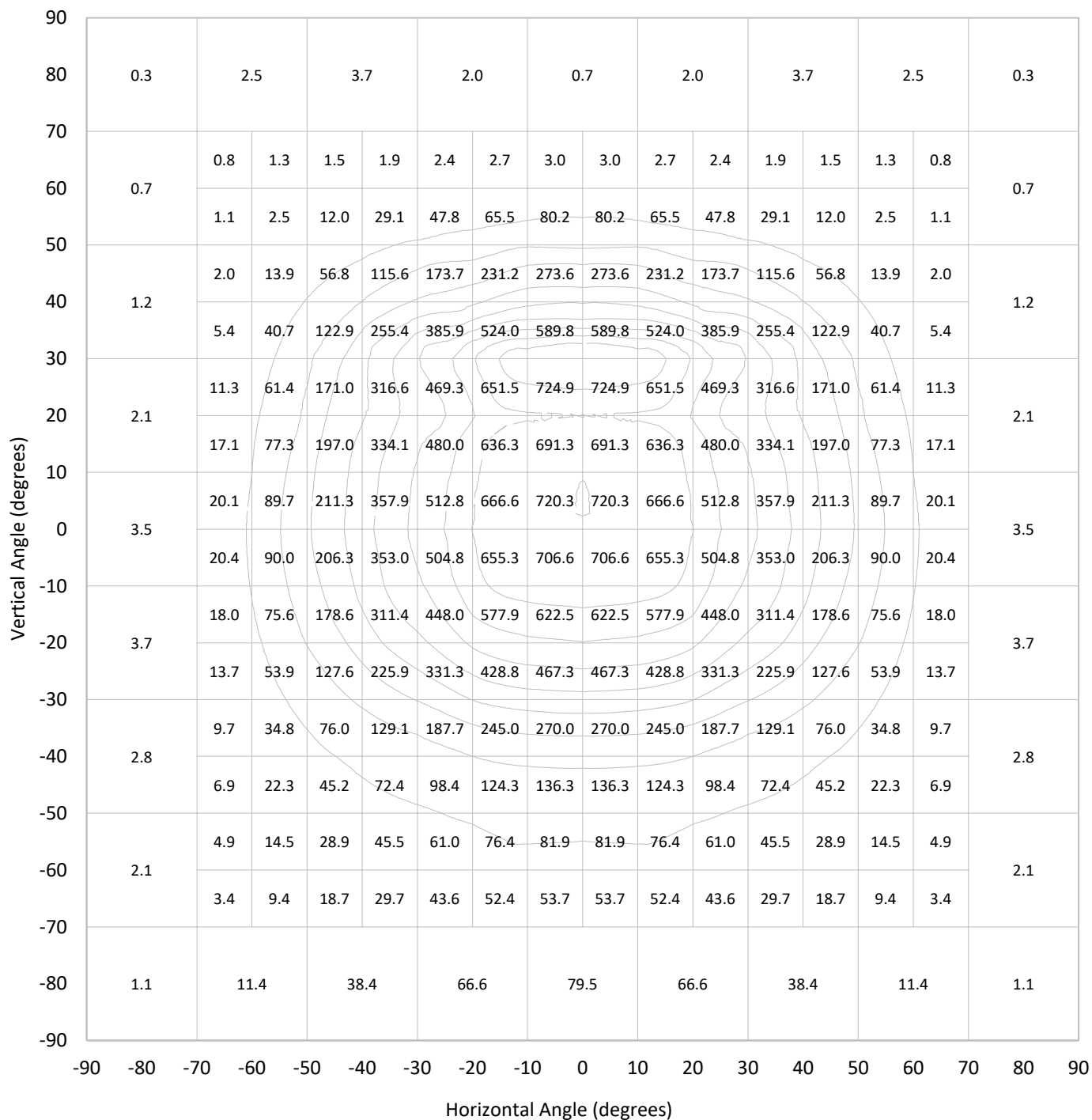
Iso-Candela Plot



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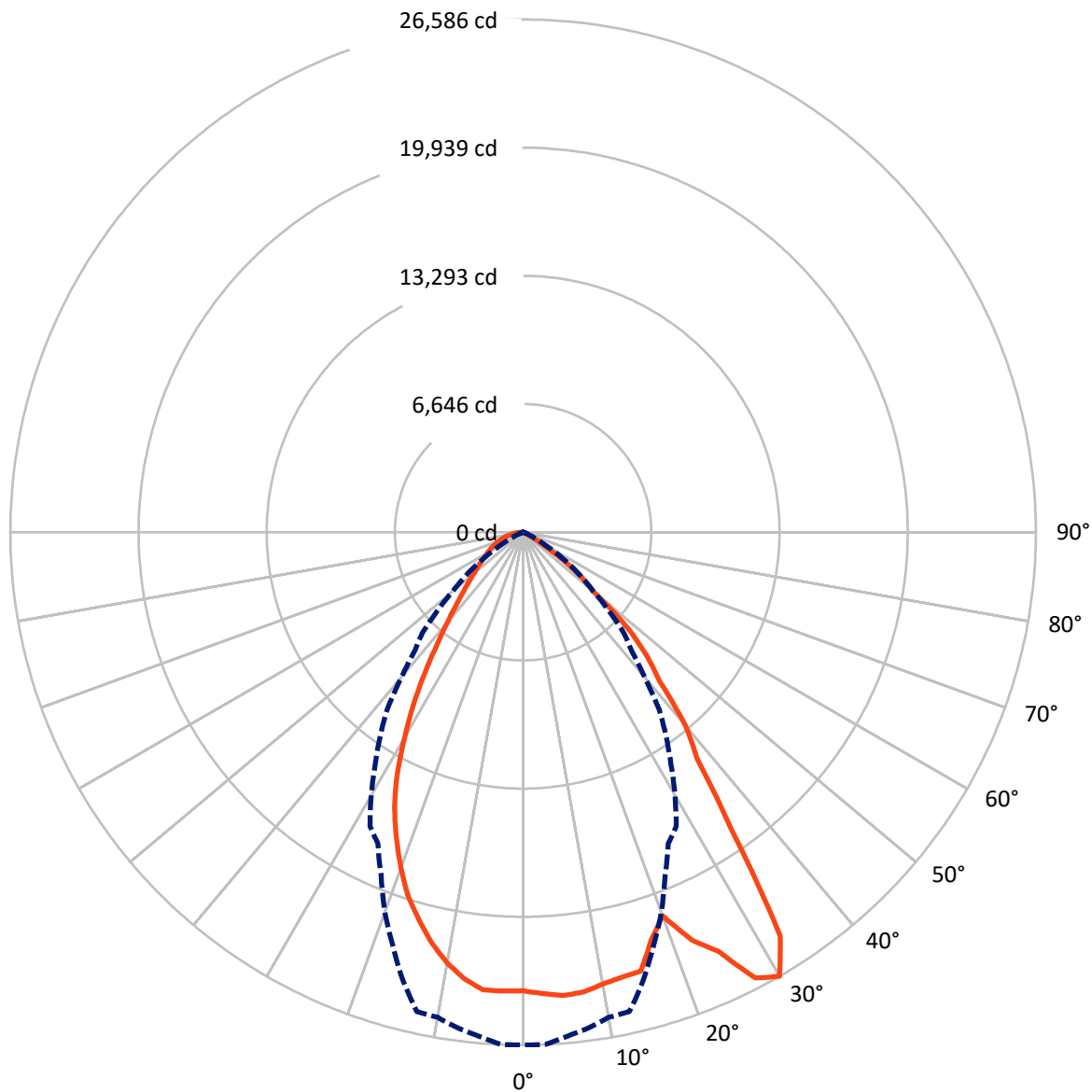
Lumen Table



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Luminous Intensity Polar Plot



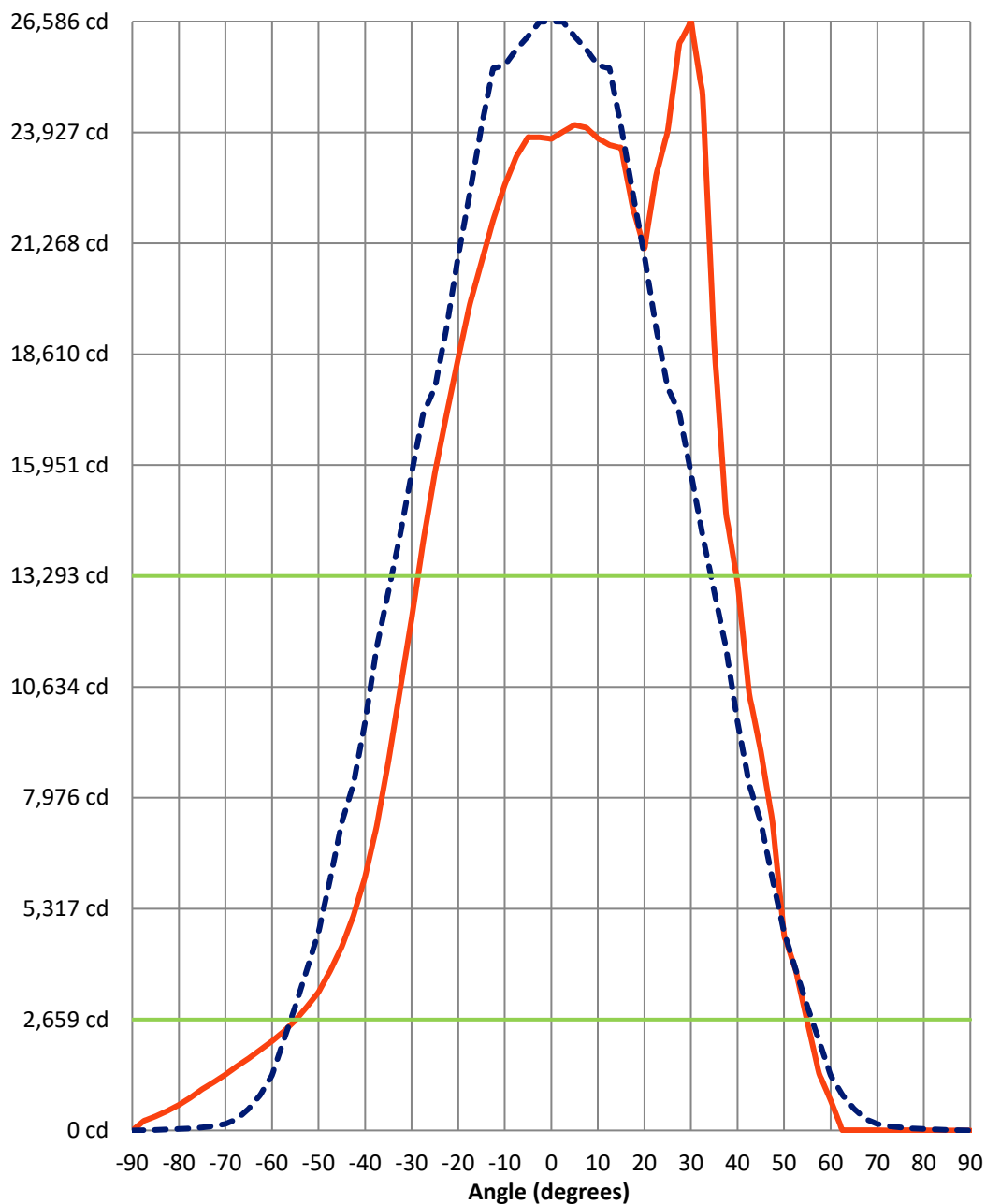
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 24294.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 35902.9

Efficiency: 94.3%

Spill:

Lumens: 2179.2

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	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	0.0	6.1	6.1	6.1	12.1	12.1	12.1	12.1	12.1	12.1	18.2
82.5°	0.0	6.1	6.1	6.1	12.1	12.1	12.1	12.1	18.2	18.2	24.3
80°	6.1	6.1	6.1	6.1	12.1	12.1	12.1	18.2	18.2	24.3	24.3
77.5°	6.1	6.1	6.1	12.1	12.1	12.1	18.2	18.2	24.3	24.3	30.3
75°	6.1	6.1	6.1	12.1	12.1	18.2	18.2	18.2	24.3	24.3	30.3
72.5°	0.0	6.1	6.1	12.1	12.1	18.2	18.2	18.2	24.3	24.3	24.3
70°	6.1	6.1	6.1	12.1	12.1	18.2	18.2	18.2	24.3	24.3	24.3
67.5°	6.1	6.1	6.1	12.1	12.1	18.2	18.2	24.3	24.3	24.3	30.3
65°	6.1	6.1	6.1	12.1	18.2	18.2	24.3	30.3	30.3	36.4	42.4
62.5°	6.1	12.1	12.1	18.2	24.3	30.3	66.7	103.1	103.1	72.8	60.6
60°	721.5	782.1	776.0	703.3	612.3	515.3	497.2	479.0	442.6	388.0	406.2
57.5°	1370.2	1443.0	1473.3	1455.1	1406.6	1321.7	1273.2	1218.6	1145.9	1061.0	964.0
55°	2594.9	2625.2	2558.5	2431.2	2291.8	2152.3	2103.8	2031.1	1921.9	1812.8	1667.3
52.5°	3837.8	3940.8	3910.5	3783.2	3595.3	3346.7	3073.9	2861.7	2734.3	2613.1	2467.6
50°	4686.6	4729.0	4813.9	4965.5	5020.0	4850.3	4407.7	3837.8	3431.6	3637.7	3480.1
47.5°	7396.7	7608.9	7566.4	7457.3	7275.4	6814.6	6196.2	5686.9	5262.5	5123.1	5147.4
45°	9088.2	9173.1	9142.8	9094.3	9009.4	8578.9	7893.8	7111.7	6717.6	6560.0	6396.3
42.5°	10476.6	10567.5	10585.7	10591.8	10500.8	10106.8	9488.4	8706.2	8312.2	7857.4	7499.7
40°	13126.1	13259.4	13107.9	12907.8	12604.7	12156.0	11549.7	10828.2	10131.0	9573.2	9148.8
37.5°	14817.6	14981.3	15041.9	15029.8	14963.1	14769.1	14023.4	13338.3	12271.2	11022.3	11246.6
35°	18831.2	19001.0	18952.5	18770.6	18673.6	18467.4	17739.9	16927.5	15587.6	14229.5	13865.7
32.5°	24815.2	25185.1	24493.9	23736.0	23269.2	23432.9	22693.2	20704.6	20086.2	17636.8	16503.1
30°	26585.6	26579.5	26227.9	25918.7	25536.7	25457.9	24063.4	22475.0	20959.3	19243.5	17812.6
27.5°	26046.0	25936.8	25639.8	25415.4	25057.7	24869.8	23505.6	22244.6	20492.4	18958.5	17576.2
25°	23966.4	24051.3	23748.2	23705.7	23566.3	23202.5	22523.5	21104.8	19540.5	17842.9	16848.6
22.5°	22893.3	22863.0	22499.2	22287.0	22456.8	22068.8	21795.9	20365.1	18734.2	17303.4	16109.0
20°	21147.2	21153.3	21062.3	21044.1	20941.1	20765.2	20547.0	19534.5	18382.5	17157.8	15721.0
17.5°	22123.3	22371.9	22481.0	21577.7	21832.3	21632.2	21401.8	19989.2	19122.2	18037.0	16163.5
15°	23554.1	23463.2	23354.1	23305.6	23166.1	22978.2	22559.8	21432.2	19940.7	18819.1	17357.9
12.5°	23626.9	23451.1	23408.6	23402.6	23257.1	22996.4	22590.2	21656.5	20334.8	18970.6	17782.3
10°	23784.5	23602.7	23578.4	23608.7	23384.4	23220.7	22814.5	21947.5	20456.0	19231.3	18109.7
7.5°	24039.2	23736.0	23875.5	23784.5	23681.5	23420.8	22984.2	22135.4	20898.6	19576.9	18400.7
5°	24105.9	23772.4	23924.0	23839.1	23687.5	23432.9	22960.0	22256.7	21171.5	19716.4	18515.9
2.5°	23942.2	23845.2	23778.5	23620.8	23554.1	23275.3	22826.6	22074.8	21044.1	19655.7	18491.7
0°	23772.4	23857.3	23705.7	23548.1	23517.8	23293.4	22911.5	22232.4	21341.2	19825.5	18697.8
-2.5°	23808.8	23742.1	23639.0	23475.3	23317.7	22996.4	22650.8	22014.2	21056.3	19455.7	18406.8
-5°	23808.8	23499.6	23511.7	23517.8	23360.1	23026.7	22608.3	22068.8	20886.5	19449.6	18321.9
-7.5°	23348.0	23081.2	23038.8	23002.4	22960.0	22650.8	22323.4	21650.4	20601.5	19292.0	18085.5
-10°	22669.0	22408.3	22432.5	22378.0	22244.6	22038.4	21789.9	21183.6	20322.7	18794.8	17606.5
-12.5°	21820.2	21705.0	21638.3	21547.3	21414.0	21232.1	20977.4	20407.5	19486.0	18182.5	17054.8
-15°	20813.7	20728.9	20668.2	20613.7	20419.7	20231.7	19898.3	19370.8	18794.8	17394.3	16242.4
-17.5°	19807.3	19595.1	19510.2	19437.5	19310.2	19007.0	18703.9	18309.8	17503.4	16393.9	15405.7
-20°	18515.9	18388.6	18285.5	18188.5	18006.6	17770.2	17521.6	17066.9	16369.7	15472.4	14447.8

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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°	17163.9	17091.2	17006.3	16885.0	16763.8	16539.4	16193.9	15757.3	15211.7	14241.6	13283.7
-25°	15769.5	15630.0	15526.9	15411.7	15314.7	15108.6	14775.2	14356.8	13671.7	12835.0	12034.7
-27.5°	14126.4	13993.0	13938.5	13805.1	13720.2	13532.3	13198.8	12810.8	12192.4	11489.1	10676.7
-30°	12271.2	12295.4	12234.8	12107.5	12004.4	11761.9	11507.3	11179.9	10694.9	10021.9	9294.3
-32.5°	10555.4	10585.7	10513.0	10379.6	10246.2	10070.4	9833.9	9536.9	9173.1	8530.4	7899.9
-35°	8839.6	8827.5	8766.9	8688.1	8597.1	8451.6	8184.8	7960.5	7542.2	7093.5	6657.0
-37.5°	7299.7	7330.0	7311.8	7269.3	7166.3	7045.0	6826.8	6620.6	6311.4	5917.3	5577.8
-40°	6081.0	6117.4	6093.2	6050.7	5959.8	5887.0	5741.5	5559.6	5311.1	4971.5	4686.6
-42.5°	5147.4	5171.6	5141.3	5104.9	5026.1	4971.5	4856.3	4704.8	4498.6	4237.9	3983.3
-45°	4407.7	4413.8	4383.4	4359.2	4298.6	4231.9	4134.9	4013.6	3849.9	3668.0	3461.9
-47.5°	3825.7	3819.6	3789.3	3765.0	3716.5	3655.9	3577.1	3467.9	3340.6	3201.2	3037.5
-50°	3316.4	3346.7	3334.6	3310.3	3273.9	3231.5	3152.7	3037.5	2910.2	2807.1	2691.9
-52.5°	2964.7	2970.8	2964.7	2964.7	2958.7	2928.4	2837.4	2722.2	2582.8	2491.8	2394.8
-55°	2637.3	2667.7	2679.8	2691.9	2698.0	2698.0	2588.8	2467.6	2334.2	2243.3	2170.5
-57.5°	2370.6	2388.8	2400.9	2431.2	2455.5	2473.6	2376.6	2267.5	2164.4	2079.6	2012.9
-60°	2140.2	2164.4	2182.6	2212.9	2231.1	2243.3	2182.6	2109.9	2049.2	1994.7	1897.7
-62.5°	1934.0	1952.2	1970.4	1988.6	2006.8	2018.9	1994.7	1958.3	1928.0	1903.7	1782.5
-65°	1727.9	1746.1	1764.3	1788.5	1806.7	1818.9	1812.8	1788.5	1764.3	1740.0	1630.9
-67.5°	1540.0	1558.2	1582.4	1588.5	1600.6	1606.7	1594.5	1576.3	1546.0	1515.7	1430.8
-70°	1339.9	1352.0	1364.1	1364.1	1364.1	1358.1	1346.0	1321.7	1291.4	1248.9	1182.3
-72.5°	1158.0	1170.1	1182.3	1164.1	1151.9	1133.8	1115.6	1085.2	1054.9	1024.6	988.2
-75°	988.2	994.3	994.3	970.1	951.9	933.7	909.4	891.2	860.9	836.7	806.4
-77.5°	788.2	788.2	788.2	770.0	757.9	745.7	727.5	709.4	685.1	666.9	642.7
-80°	612.3	612.3	612.3	606.3	588.1	576.0	563.8	551.7	533.5	521.4	509.3
-82.5°	466.8	466.8	466.8	460.8	448.7	442.6	430.5	418.3	412.3	400.1	394.1
-85°	339.5	345.6	345.6	339.5	333.5	321.3	315.3	309.2	303.1	297.1	285.0
-87.5°	230.4	230.4	230.4	224.3	218.3	218.3	212.2	200.1	187.9	181.9	175.8
-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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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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	18.2	18.2	18.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	18.2
82.5°	30.3	30.3	36.4	36.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
80°	30.3	36.4	42.4	48.5	54.6	60.6	60.6	60.6	60.6	54.6	54.6
77.5°	36.4	36.4	42.4	48.5	54.6	60.6	66.7	72.8	66.7	66.7	66.7
75°	36.4	42.4	42.4	48.5	54.6	60.6	66.7	72.8	72.8	72.8	72.8
72.5°	30.3	36.4	42.4	48.5	48.5	54.6	60.6	60.6	66.7	66.7	72.8
70°	30.3	36.4	42.4	42.4	48.5	48.5	54.6	60.6	60.6	66.7	66.7
67.5°	36.4	42.4	42.4	48.5	54.6	54.6	54.6	60.6	60.6	66.7	66.7
65°	42.4	48.5	48.5	54.6	60.6	60.6	66.7	66.7	66.7	72.8	72.8
62.5°	72.8	72.8	72.8	66.7	72.8	72.8	72.8	78.8	78.8	72.8	78.8
60°	375.9	272.8	187.9	236.5	212.2	97.0	97.0	97.0	90.9	90.9	84.9
57.5°	885.2	824.5	709.4	600.2	539.6	479.0	297.1	121.3	121.3	109.1	97.0
55°	1479.3	1279.3	1194.4	1048.9	891.2	818.5	679.0	460.8	218.3	145.5	127.3
52.5°	2291.8	2103.8	1885.5	1588.5	1376.3	1206.5	1091.3	867.0	582.0	309.2	194.0
50°	3067.8	2982.9	2849.5	2558.5	2115.9	1831.0	1643.0	1388.4	1042.8	636.6	363.8
47.5°	4941.2	4231.9	3801.4	3577.1	3207.2	2667.7	2303.9	2018.9	1600.6	1073.1	642.7
45°	6220.5	5771.8	5086.7	4613.8	4068.2	3498.3	3025.4	2698.0	2200.8	1606.7	1006.4
42.5°	7317.9	6929.8	6311.4	5620.3	5044.3	4298.6	3692.3	3261.8	2843.5	2194.7	1503.6
40°	8730.5	8269.7	7675.6	7002.6	6329.6	5377.7	4395.6	3874.2	3413.4	2837.4	2031.1
37.5°	11058.6	10246.2	9276.2	8530.4	7651.3	6845.0	5499.0	4577.4	4031.8	3431.6	2649.5
35°	13859.7	12968.4	11349.6	10361.4	9185.2	7984.8	6772.2	5408.1	4632.0	3995.4	3219.4
32.5°	16466.7	15163.2	13089.7	11931.7	11149.6	8936.6	7681.6	6499.4	5250.4	4468.3	3546.8
30°	17188.2	15751.3	14265.9	12913.9	11580.0	9791.5	8306.1	7384.5	6026.5	4753.3	3856.0
27.5°	16460.6	15472.4	14320.4	13065.4	11622.5	10088.6	8688.1	7808.9	6596.4	4947.3	4098.5
25°	15721.0	14690.3	13883.9	12835.0	11501.2	10070.4	8700.2	8075.7	7039.0	5323.2	4231.9
22.5°	14938.8	14296.2	13629.3	12459.1	11198.1	10124.9	9094.3	8306.1	7269.3	5747.6	4286.4
20°	14981.3	14563.0	13829.3	12265.1	11143.5	10446.3	9567.2	8597.1	7517.9	6117.4	4328.9
17.5°	15660.3	15114.7	14193.1	12835.0	11634.6	10773.7	9961.3	8997.3	7772.6	6444.8	4844.2
15°	16497.0	15666.4	14702.4	13508.0	12149.9	11131.4	10264.4	9276.2	8063.6	6747.9	5305.0
12.5°	17103.3	15921.0	15017.7	13938.5	12707.7	11519.4	10464.5	9488.4	8336.4	6996.5	5650.6
10°	17309.4	16236.3	15169.2	14205.2	12992.7	11725.5	10616.0	9621.7	8572.9	7190.5	5905.2
7.5°	17418.6	16509.1	15272.3	14326.5	13162.4	11852.9	10737.3	9694.5	8760.8	7323.9	6068.9
5°	17406.4	16654.6	15351.1	14362.9	13253.4	11907.4	10822.2	9712.7	8894.2	7439.1	6165.9
2.5°	17351.9	16751.6	15478.4	14423.5	13435.3	12010.5	10985.9	9749.1	8942.7	7566.4	6232.6
0°	17551.9	16757.7	15611.8	14441.7	13556.5	12046.9	11058.6	9718.7	8876.0	7602.8	6226.5
-2.5°	17121.5	16400.0	15581.5	14284.1	13392.8	11962.0	10925.2	9621.7	8730.5	7560.4	6202.3
-5°	17048.7	16139.3	15326.9	14138.6	13120.0	11786.2	10676.7	9439.8	8500.1	7420.9	6105.3
-7.5°	16854.7	15890.7	15078.3	14023.4	12865.4	11604.3	10440.2	9251.9	8251.5	7202.7	5965.8
-10°	16430.3	15508.8	14811.5	13774.8	12556.1	11343.6	10155.3	9003.3	7960.5	6905.6	5747.6
-12.5°	15824.0	14902.5	14211.3	13247.3	12168.1	10991.9	9815.7	8682.0	7627.1	6590.3	5486.9
-15°	15138.9	14205.2	13514.1	12635.0	11592.2	10446.3	9385.3	8275.8	7245.1	6256.9	5177.7
-17.5°	14362.9	13477.7	12810.8	11955.9	10919.2	9827.9	8772.9	7766.5	6802.5	5911.3	4820.0
-20°	13465.6	12604.7	11992.3	11137.4	10185.6	9124.6	8100.0	7148.1	6281.1	5444.4	4425.9

REPORT NUMBER: P722595

CATALOG NUMBER: IFLD-L-SA8C-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°	12356.1	11598.2	10901.0	10137.1	9306.5	8336.4	7384.5	6541.8	5711.2	4892.7	4019.7
-25°	11222.3	10488.7	9809.7	9112.5	8318.2	7481.5	6669.1	5905.2	5092.8	4353.1	3625.6
-27.5°	9961.3	9306.5	8700.2	8057.5	7330.0	6608.5	5941.6	5195.9	4492.6	3862.0	3237.6
-30°	8615.3	8081.8	7554.3	6984.4	6396.3	5790.0	5195.9	4492.6	3940.8	3437.6	2910.2
-32.5°	7323.9	6845.0	6420.6	5996.2	5486.9	4989.7	4462.3	3940.8	3480.1	3037.5	2594.9
-35°	6190.2	5680.9	5444.4	5104.9	4698.7	4250.1	3819.6	3455.8	3086.0	2685.8	2291.8
-37.5°	5208.0	4880.6	4601.7	4347.1	4025.7	3637.7	3328.5	3031.4	2722.2	2358.4	2018.9
-40°	4438.0	4201.6	3922.7	3734.7	3474.0	3195.1	2885.9	2637.3	2376.6	2079.6	1800.7
-42.5°	3819.6	3625.6	3443.7	3243.6	3049.6	2813.2	2546.4	2309.9	2073.5	1855.2	1624.8
-45°	3310.3	3170.9	3025.4	2861.7	2691.9	2485.8	2267.5	2025.0	1855.2	1661.2	1467.2
-47.5°	2892.0	2788.9	2667.7	2540.3	2394.8	2212.9	2012.9	1837.0	1661.2	1497.5	1309.6
-50°	2558.5	2461.5	2364.5	2255.4	2128.1	1970.4	1818.9	1655.2	1491.5	1333.8	1158.0
-52.5°	2279.6	2194.7	2115.9	2025.0	1903.7	1770.4	1630.9	1485.4	1333.8	1176.2	1036.7
-55°	2085.6	1988.6	1909.8	1818.9	1709.7	1582.4	1455.1	1321.7	1176.2	1054.9	939.7
-57.5°	1928.0	1818.9	1727.9	1630.9	1521.8	1412.6	1297.4	1176.2	1067.1	951.9	842.7
-60°	1794.6	1667.3	1564.2	1467.2	1364.1	1261.1	1164.1	1061.0	957.9	854.9	745.7
-62.5°	1655.2	1521.8	1394.5	1303.5	1224.7	1133.8	1048.9	951.9	860.9	757.9	679.0
-65°	1497.5	1370.2	1248.9	1170.1	1097.4	1018.6	939.7	854.9	776.0	697.2	624.5
-67.5°	1321.7	1212.6	1127.7	1054.9	982.2	915.5	842.7	770.0	703.3	624.5	551.7
-70°	1109.5	1048.9	1000.4	945.8	879.1	818.5	751.8	685.1	612.3	545.7	479.0
-72.5°	945.8	909.4	873.0	818.5	757.9	703.3	648.7	588.1	527.5	466.8	412.3
-75°	776.0	745.7	715.4	679.0	630.5	588.1	539.6	485.0	436.5	394.1	351.6
-77.5°	624.5	600.2	582.0	551.7	515.3	479.0	448.7	412.3	375.9	333.5	291.0
-80°	497.2	485.0	479.0	466.8	436.5	406.2	382.0	351.6	315.3	285.0	254.6
-82.5°	388.0	388.0	382.0	375.9	351.6	327.4	309.2	285.0	260.7	236.5	206.1
-85°	285.0	278.9	278.9	272.8	254.6	242.5	224.3	212.2	194.0	169.8	157.6
-87.5°	169.8	163.7	157.6	151.6	139.4	133.4	121.3	115.2	103.1	90.9	84.9
-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-SA8C-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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	0.0	0.0
85°	18.2	12.1	12.1	12.1	12.1	12.1	6.1	6.1	6.1	6.1	6.1
82.5°	36.4	36.4	30.3	30.3	24.3	18.2	12.1	12.1	12.1	6.1	6.1
80°	54.6	54.6	54.6	48.5	42.4	30.3	24.3	18.2	12.1	6.1	6.1
77.5°	66.7	60.6	60.6	54.6	54.6	48.5	36.4	30.3	18.2	12.1	6.1
75°	66.7	66.7	66.7	60.6	60.6	54.6	48.5	36.4	30.3	18.2	12.1
72.5°	72.8	66.7	66.7	66.7	60.6	54.6	48.5	42.4	36.4	24.3	12.1
70°	66.7	66.7	66.7	66.7	60.6	60.6	48.5	42.4	42.4	24.3	18.2
67.5°	66.7	66.7	66.7	60.6	60.6	54.6	48.5	42.4	42.4	30.3	18.2
65°	72.8	66.7	66.7	66.7	60.6	54.6	48.5	42.4	42.4	36.4	24.3
62.5°	78.8	72.8	72.8	66.7	60.6	54.6	48.5	42.4	42.4	36.4	24.3
60°	84.9	78.8	72.8	72.8	66.7	60.6	48.5	48.5	42.4	36.4	24.3
57.5°	90.9	84.9	84.9	78.8	72.8	66.7	54.6	48.5	42.4	36.4	30.3
55°	109.1	97.0	90.9	90.9	84.9	72.8	60.6	48.5	42.4	36.4	30.3
52.5°	145.5	115.2	103.1	103.1	97.0	84.9	66.7	54.6	42.4	36.4	30.3
50°	230.4	145.5	121.3	109.1	109.1	97.0	78.8	60.6	42.4	36.4	30.3
47.5°	363.8	242.5	145.5	127.3	121.3	115.2	90.9	60.6	48.5	36.4	30.3
45°	600.2	357.7	236.5	151.6	127.3	121.3	103.1	66.7	48.5	42.4	30.3
42.5°	824.5	557.8	363.8	181.9	151.6	133.4	109.1	72.8	54.6	42.4	30.3
40°	1297.4	763.9	509.3	297.1	175.8	139.4	121.3	84.9	54.6	42.4	30.3
37.5°	1758.2	1012.5	685.1	436.5	200.1	157.6	127.3	90.9	60.6	42.4	36.4
35°	2219.0	1418.7	848.8	582.0	266.8	187.9	133.4	97.0	60.6	42.4	36.4
32.5°	2631.3	1800.7	1018.6	727.5	400.1	224.3	145.5	103.1	66.7	48.5	36.4
30°	2970.8	2152.3	1321.7	854.9	521.4	272.8	157.6	103.1	72.8	48.5	36.4
27.5°	3225.4	2425.1	1630.9	988.2	624.5	321.3	181.9	115.2	72.8	48.5	36.4
25°	3431.6	2637.3	1903.7	1127.7	715.4	400.1	218.3	121.3	78.8	54.6	36.4
22.5°	3595.3	2813.2	2128.1	1315.6	824.5	479.0	266.8	133.4	78.8	54.6	36.4
20°	3819.6	2989.0	2279.6	1515.7	939.7	551.7	309.2	145.5	78.8	54.6	42.4
17.5°	4013.6	3164.8	2400.9	1685.5	1054.9	606.3	357.7	157.6	84.9	54.6	42.4
15°	4237.9	3334.6	2510.0	1818.9	1164.1	654.8	400.1	169.8	84.9	60.6	42.4
12.5°	4480.4	3492.2	2588.8	1928.0	1279.3	697.2	436.5	194.0	90.9	60.6	42.4
10°	4729.0	3625.6	2655.5	2006.8	1364.1	739.7	460.8	218.3	97.0	60.6	42.4
7.5°	4977.6	3746.8	2740.4	2043.2	1400.5	788.2	472.9	242.5	97.0	66.7	42.4
5°	5147.4	3825.7	2861.7	2067.4	1418.7	842.7	491.1	272.8	103.1	66.7	42.4
2.5°	5292.9	3874.2	2989.0	2085.6	1424.8	873.0	485.0	291.0	109.1	66.7	42.4
0°	5359.6	3874.2	3073.9	2073.5	1406.6	903.4	485.0	309.2	109.1	66.7	42.4
-2.5°	5256.5	3983.3	3049.6	2079.6	1412.6	903.4	509.3	315.3	121.3	72.8	42.4
-5°	5092.8	4025.7	2976.9	2049.2	1400.5	903.4	539.6	321.3	127.3	72.8	48.5
-7.5°	4935.2	4043.9	2892.0	2018.9	1382.3	879.1	545.7	315.3	139.4	78.8	48.5
-10°	4729.0	3843.8	2782.8	1964.4	1346.0	860.9	557.8	315.3	145.5	78.8	48.5
-12.5°	4492.6	3601.3	2649.5	1885.5	1303.5	842.7	563.8	315.3	151.6	84.9	48.5
-15°	4219.7	3352.8	2497.9	1800.7	1242.9	818.5	551.7	309.2	157.6	84.9	54.6
-17.5°	3910.5	3110.2	2340.3	1697.6	1176.2	788.2	527.5	303.1	157.6	84.9	54.6
-20°	3558.9	2867.7	2164.4	1594.5	1097.4	751.8	503.2	291.0	157.6	84.9	54.6

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CATALOG NUMBER: IFLD-L-SA8C-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°	3243.6	2643.4	1982.5	1479.3	1012.5	709.4	472.9	278.9	157.6	90.9	54.6
-25°	2982.9	2425.1	1843.1	1364.1	921.6	660.8	442.6	266.8	157.6	90.9	54.6
-27.5°	2710.1	2188.7	1697.6	1255.0	860.9	618.4	412.3	254.6	151.6	90.9	54.6
-30°	2431.2	1958.3	1546.0	1133.8	800.3	576.0	388.0	236.5	151.6	90.9	54.6
-32.5°	2176.6	1770.4	1406.6	1012.5	733.6	533.5	363.8	230.4	145.5	90.9	54.6
-35°	1928.0	1600.6	1261.1	915.5	660.8	491.1	339.5	224.3	145.5	90.9	54.6
-37.5°	1721.8	1443.0	1127.7	848.8	618.4	454.7	315.3	212.2	139.4	90.9	54.6
-40°	1552.1	1297.4	1000.4	776.0	582.0	418.3	291.0	206.1	139.4	90.9	54.6
-42.5°	1394.5	1158.0	921.6	715.4	545.7	394.1	272.8	200.1	133.4	90.9	54.6
-45°	1255.0	1036.7	842.7	660.8	503.2	363.8	260.7	187.9	127.3	90.9	60.6
-47.5°	1115.6	951.9	770.0	612.3	460.8	327.4	248.6	181.9	121.3	84.9	60.6
-50°	1006.4	860.9	709.4	557.8	418.3	315.3	236.5	169.8	121.3	84.9	60.6
-52.5°	909.4	776.0	642.7	503.2	382.0	297.1	224.3	157.6	115.2	84.9	60.6
-55°	818.5	697.2	576.0	448.7	357.7	278.9	206.1	145.5	115.2	84.9	60.6
-57.5°	727.5	624.5	509.3	406.2	327.4	260.7	194.0	145.5	115.2	84.9	60.6
-60°	654.8	557.8	460.8	375.9	303.1	236.5	175.8	139.4	109.1	84.9	60.6
-62.5°	594.2	503.2	418.3	339.5	278.9	212.2	169.8	139.4	109.1	84.9	54.6
-65°	533.5	454.7	375.9	309.2	248.6	200.1	163.7	133.4	109.1	84.9	54.6
-67.5°	472.9	400.1	339.5	272.8	230.4	194.0	157.6	133.4	103.1	78.8	54.6
-70°	412.3	351.6	297.1	254.6	218.3	181.9	151.6	127.3	103.1	72.8	48.5
-72.5°	363.8	309.2	266.8	236.5	206.1	175.8	145.5	121.3	97.0	66.7	42.4
-75°	309.2	272.8	242.5	212.2	187.9	163.7	139.4	109.1	84.9	60.6	42.4
-77.5°	260.7	236.5	212.2	194.0	169.8	145.5	121.3	97.0	78.8	54.6	36.4
-80°	224.3	206.1	187.9	169.8	151.6	127.3	109.1	84.9	66.7	48.5	30.3
-82.5°	181.9	169.8	151.6	139.4	127.3	109.1	90.9	72.8	48.5	36.4	24.3
-85°	139.4	127.3	121.3	109.1	97.0	78.8	60.6	48.5	36.4	24.3	12.1
-87.5°	72.8	66.7	60.6	54.6	48.5	36.4	30.3	24.3	18.2	12.1	6.1
-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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CATALOG NUMBER: IFLD-L-SA8C-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°	6.1	0.0	0.0	0.0
77.5°	6.1	0.0	0.0	0.0
75°	6.1	6.1	0.0	0.0
72.5°	6.1	6.1	0.0	0.0
70°	6.1	6.1	0.0	0.0
67.5°	12.1	6.1	0.0	0.0
65°	12.1	6.1	0.0	0.0
62.5°	12.1	6.1	0.0	0.0
60°	12.1	6.1	0.0	0.0
57.5°	18.2	6.1	6.1	0.0
55°	18.2	6.1	6.1	0.0
52.5°	18.2	6.1	6.1	0.0
50°	18.2	12.1	6.1	0.0
47.5°	18.2	12.1	6.1	0.0
45°	18.2	12.1	6.1	0.0
42.5°	18.2	12.1	6.1	0.0
40°	24.3	12.1	6.1	0.0
37.5°	24.3	12.1	6.1	0.0
35°	24.3	12.1	6.1	0.0
32.5°	24.3	12.1	6.1	0.0
30°	24.3	12.1	6.1	0.0
27.5°	24.3	18.2	6.1	0.0
25°	24.3	18.2	6.1	0.0
22.5°	30.3	18.2	6.1	0.0
20°	30.3	18.2	6.1	0.0
17.5°	30.3	18.2	6.1	0.0
15°	30.3	18.2	6.1	0.0
12.5°	30.3	18.2	6.1	0.0
10°	30.3	18.2	6.1	0.0
7.5°	30.3	18.2	6.1	0.0
5°	30.3	18.2	6.1	0.0
2.5°	30.3	18.2	6.1	0.0
0°	30.3	18.2	6.1	0.0
-2.5°	30.3	18.2	6.1	0.0
-5°	30.3	18.2	6.1	0.0
-7.5°	30.3	18.2	6.1	0.0
-10°	30.3	18.2	6.1	0.0
-12.5°	36.4	18.2	6.1	0.0
-15°	36.4	18.2	6.1	0.0
-17.5°	36.4	18.2	6.1	0.0
-20°	36.4	18.2	6.1	0.0



REPORT NUMBER: P722595

CATALOG NUMBER: IFLD-L-SA8C-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	36.4	18.2	6.1	0.0
-25°	36.4	18.2	6.1	0.0
-27.5°	36.4	18.2	6.1	0.0
-30°	36.4	18.2	6.1	0.0
-32.5°	36.4	18.2	6.1	0.0
-35°	36.4	18.2	6.1	0.0
-37.5°	36.4	18.2	6.1	0.0
-40°	36.4	18.2	6.1	0.0
-42.5°	30.3	18.2	6.1	0.0
-45°	36.4	18.2	6.1	0.0
-47.5°	36.4	18.2	6.1	0.0
-50°	36.4	18.2	6.1	0.0
-52.5°	36.4	18.2	6.1	0.0
-55°	36.4	18.2	6.1	0.0
-57.5°	36.4	18.2	6.1	0.0
-60°	36.4	18.2	6.1	0.0
-62.5°	30.3	18.2	6.1	0.0
-65°	30.3	12.1	6.1	0.0
-67.5°	30.3	12.1	6.1	0.0
-70°	30.3	12.1	6.1	0.0
-72.5°	24.3	12.1	6.1	0.0
-75°	24.3	12.1	6.1	0.0
-77.5°	18.2	6.1	0.0	0.0
-80°	18.2	6.1	0.0	0.0
-82.5°	12.1	6.1	0.0	0.0
-85°	6.1	6.1	0.0	0.0
-87.5°	6.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)