

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: P722580

Luminaire Tested: **IFLD-S-SA6C-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722580
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-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

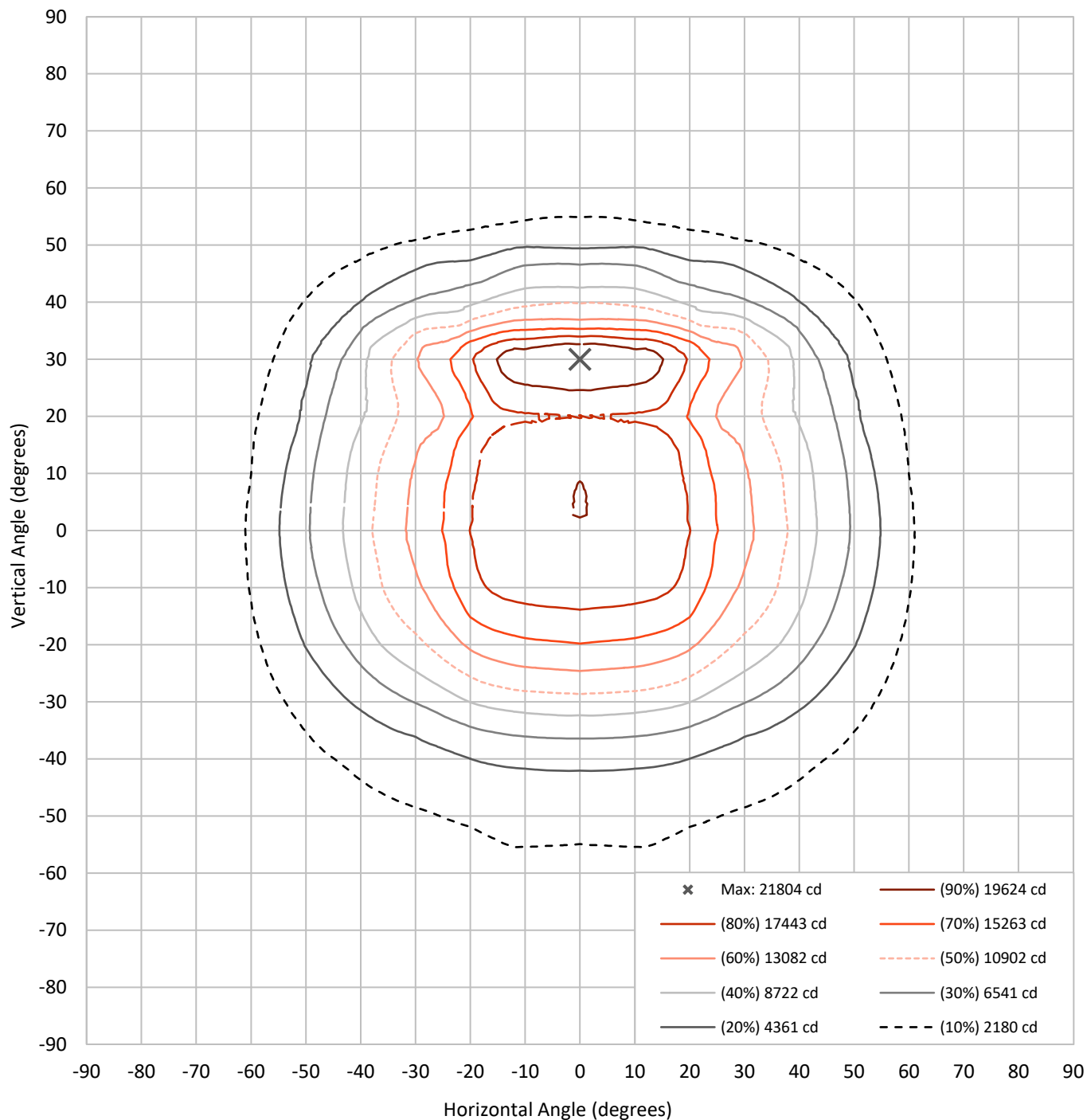
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31232.9 lumens	Max Intensity:	21804 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	97.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	19925.2 lumens	Field Lumens:	29445.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	321.5		
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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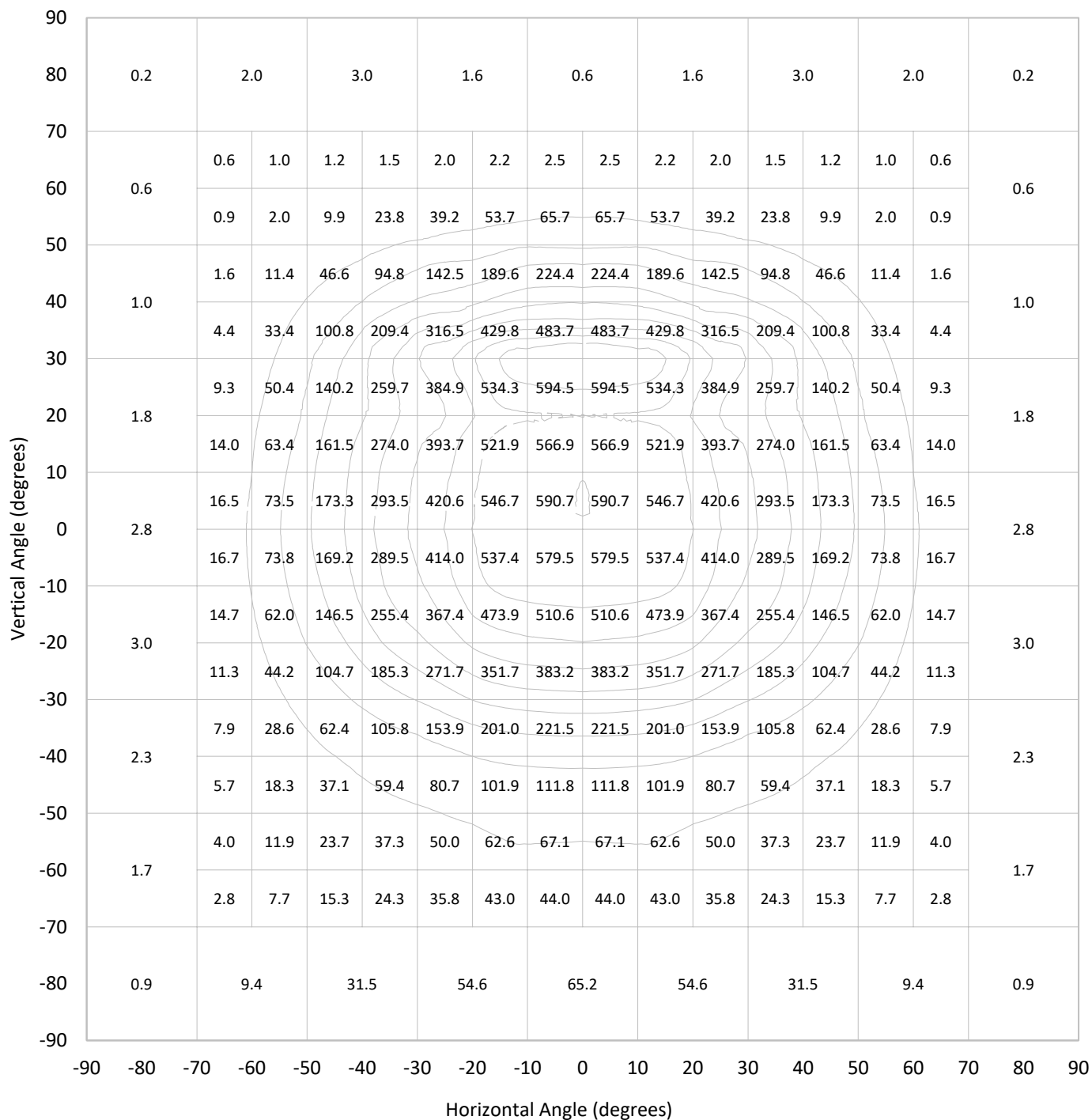
Iso-Candela Plot



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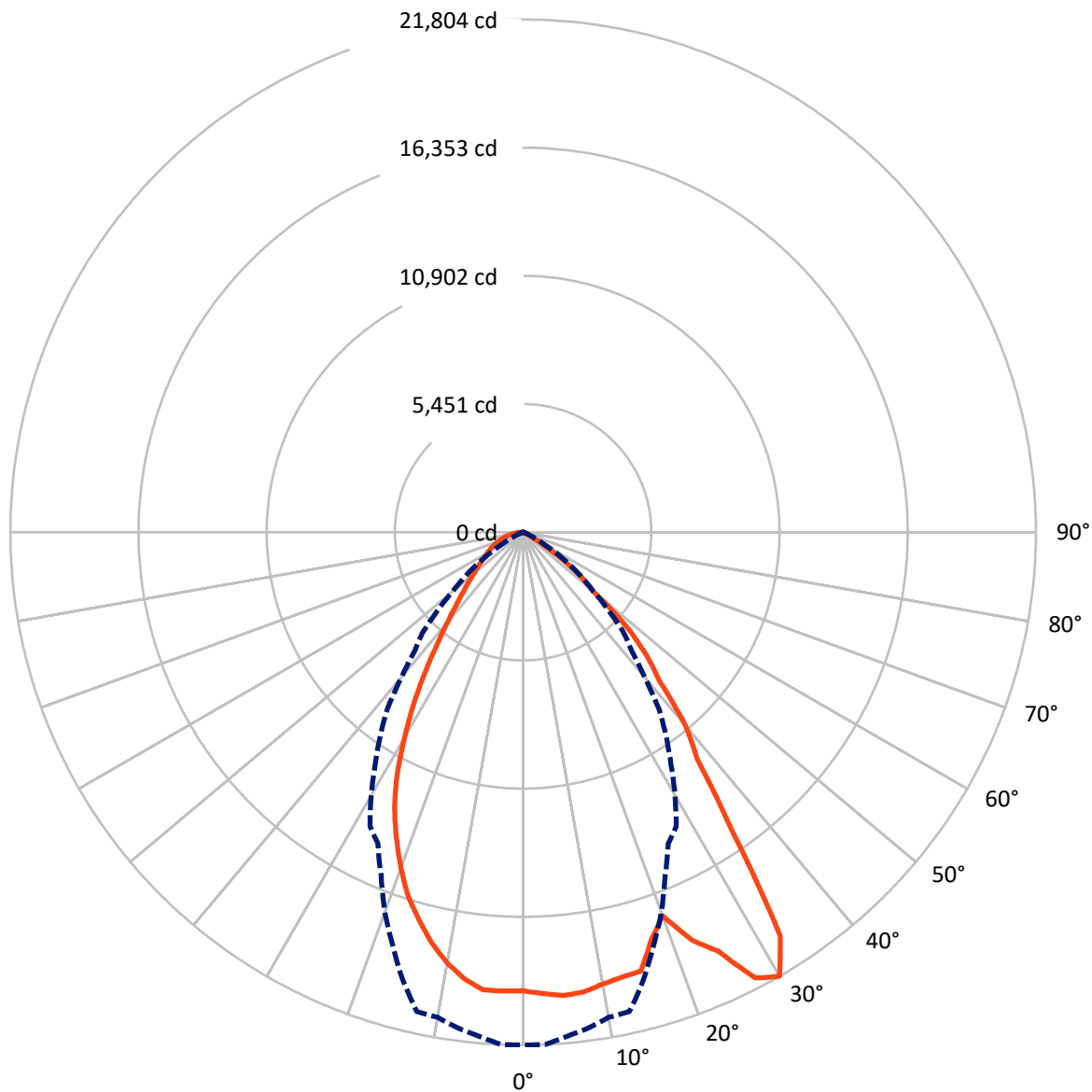
Lumen Table



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Luminous Intensity Polar Plot



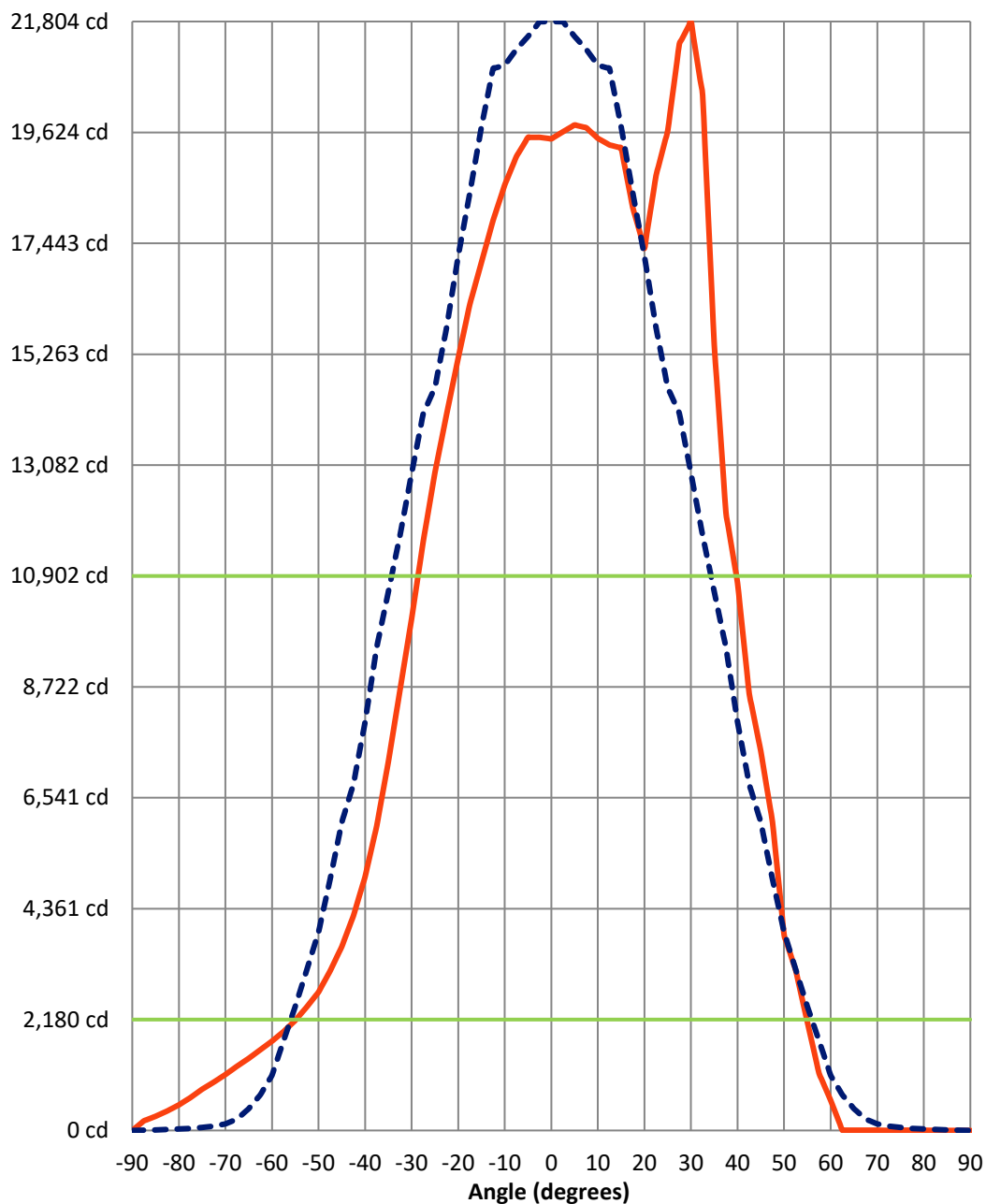
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 19925.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 29445.6

Efficiency: 94.3%

Spill:

Lumens: 1787.3

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	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	0.0	5.0	5.0	5.0	9.9	9.9	9.9	9.9	9.9	9.9	14.9
82.5°	0.0	5.0	5.0	5.0	9.9	9.9	9.9	9.9	14.9	14.9	19.9
80°	5.0	5.0	5.0	5.0	9.9	9.9	9.9	14.9	14.9	19.9	19.9
77.5°	5.0	5.0	5.0	9.9	9.9	9.9	14.9	14.9	19.9	19.9	24.9
75°	5.0	5.0	5.0	9.9	9.9	14.9	14.9	14.9	19.9	19.9	24.9
72.5°	0.0	5.0	5.0	9.9	9.9	14.9	14.9	14.9	19.9	19.9	19.9
70°	5.0	5.0	5.0	9.9	9.9	14.9	14.9	14.9	19.9	19.9	19.9
67.5°	5.0	5.0	5.0	9.9	9.9	14.9	14.9	19.9	19.9	19.9	24.9
65°	5.0	5.0	5.0	9.9	14.9	14.9	19.9	24.9	24.9	29.8	34.8
62.5°	5.0	9.9	9.9	14.9	19.9	24.9	54.7	84.5	84.5	59.7	49.7
60°	591.7	641.4	636.5	576.8	502.2	422.7	407.7	392.8	363.0	318.2	333.2
57.5°	1123.8	1183.4	1208.3	1193.4	1153.6	1084.0	1044.2	999.5	939.8	870.2	790.6
55°	2128.2	2153.1	2098.4	1993.9	1879.6	1765.2	1725.4	1665.8	1576.3	1486.8	1367.4
52.5°	3147.5	3232.1	3207.2	3102.8	2948.6	2744.8	2521.0	2347.0	2242.6	2143.1	2023.8
50°	3843.7	3878.5	3948.1	4072.4	4117.2	3977.9	3614.9	3147.5	2814.4	2983.4	2854.2
47.5°	6066.3	6240.4	6205.6	6116.1	5966.9	5589.0	5081.8	4664.1	4316.1	4201.7	4221.6
45°	7453.6	7523.3	7498.4	7458.6	7389.0	7036.0	6474.1	5832.6	5509.4	5380.2	5245.9
42.5°	8592.3	8666.9	8681.8	8686.8	8612.2	8289.0	7781.8	7140.4	6817.2	6444.2	6150.9
40°	10765.3	10874.7	10750.4	10586.3	10337.6	9969.7	9472.4	8880.7	8308.9	7851.4	7503.4
37.5°	12152.6	12286.8	12336.6	12326.6	12271.9	12112.8	11501.2	10939.3	10064.2	9039.8	9223.8
35°	15444.3	15583.5	15543.8	15394.6	15315.0	15146.0	14549.3	13883.0	12784.1	11670.3	11371.9
32.5°	20352.1	20655.4	20088.5	19467.0	19084.1	19218.4	18611.7	16980.8	16473.6	14464.7	13534.9
30°	21804.0	21799.1	21510.7	21257.1	20943.8	20879.2	19735.5	18432.7	17189.6	15782.4	14608.9
27.5°	21361.5	21272.0	21028.3	20844.4	20551.0	20396.8	19278.0	18243.8	16806.8	15548.7	14415.0
25°	19655.9	19725.6	19476.9	19442.1	19327.8	19029.4	18472.5	17309.0	16026.1	14633.8	13818.3
22.5°	18775.8	18751.0	18452.6	18278.6	18417.8	18099.6	17875.8	16702.3	15364.8	14191.3	13211.7
20°	17343.8	17348.7	17274.2	17259.2	17174.7	17030.5	16851.5	16021.1	15076.4	14071.9	12893.5
17.5°	18144.3	18348.2	18437.7	17696.8	17905.7	17741.6	17552.6	16394.0	15683.0	14792.9	13256.5
15°	19317.8	19243.2	19153.7	19114.0	18999.6	18845.4	18502.3	17577.5	16354.3	15434.4	14236.0
12.5°	19377.5	19233.3	19198.5	19193.5	19074.2	18860.4	18527.2	17761.5	16677.5	15558.7	14584.1
10°	19506.8	19357.6	19337.7	19362.6	19178.6	19044.3	18711.2	18000.1	16776.9	15772.5	14852.6
7.5°	19715.6	19467.0	19581.4	19506.8	19422.2	19208.4	18850.4	18154.3	17139.9	16055.9	15091.3
5°	19770.3	19496.8	19621.1	19551.5	19427.2	19218.4	18830.5	18253.7	17363.7	16170.3	15185.7
2.5°	19636.1	19556.5	19501.8	19372.5	19317.8	19089.1	18721.1	18104.6	17259.2	16120.6	15165.9
0°	19496.8	19566.4	19442.1	19312.9	19288.0	19104.0	18790.7	18233.8	17502.9	16259.8	15334.9
-2.5°	19526.7	19472.0	19387.4	19253.2	19123.9	18860.4	18576.9	18054.8	17269.2	15956.5	15096.2
-5°	19526.7	19273.1	19283.0	19288.0	19158.7	18885.2	18542.1	18099.6	17130.0	15951.5	15026.6
-7.5°	19148.8	18930.0	18895.2	18865.3	18830.5	18576.9	18308.4	17756.5	16896.3	15822.2	14832.7
-10°	18591.9	18378.0	18397.9	18353.2	18243.8	18074.7	17870.9	17373.6	16667.5	15414.5	14439.9
-12.5°	17895.7	17801.2	17746.5	17672.0	17562.6	17413.4	17204.5	16737.1	15981.3	14912.3	13987.4
-15°	17070.3	17000.7	16951.0	16906.2	16747.1	16592.9	16319.5	15886.9	15414.5	14265.9	13321.1
-17.5°	16244.9	16070.8	16001.2	15941.6	15837.1	15588.5	15339.9	15016.7	14355.4	13445.4	12634.9
-20°	15185.7	15081.3	14996.8	14917.2	14768.1	14574.1	14370.3	13997.3	13425.5	12689.6	11849.3



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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°	14076.9	14017.2	13947.6	13848.2	13748.7	13564.7	13281.3	12923.3	12475.8	11680.2	10894.6
-25°	12933.2	12818.9	12734.3	12639.9	12560.3	12391.3	12117.8	11774.7	11212.8	10526.6	9870.2
-27.5°	11585.7	11476.3	11431.6	11322.2	11252.6	11098.4	10824.9	10506.7	9999.5	9422.7	8756.4
-30°	10064.2	10084.1	10034.3	9929.9	9845.4	9646.5	9437.6	9169.1	8771.3	8219.4	7622.7
-32.5°	8657.0	8681.8	8622.2	8512.8	8403.4	8259.2	8065.3	7821.6	7523.3	6996.2	6479.1
-35°	7249.8	7239.8	7190.1	7125.5	7050.9	6931.5	6712.8	6528.8	6185.7	5817.7	5459.7
-37.5°	5986.8	6011.6	5996.7	5961.9	5877.4	5777.9	5598.9	5429.9	5176.3	4853.1	4574.6
-40°	4987.3	5017.2	4997.3	4962.5	4887.9	4828.2	4708.9	4559.7	4355.8	4077.4	3843.7
-42.5°	4221.6	4241.5	4216.6	4186.8	4122.1	4077.4	3982.9	3858.6	3689.5	3475.7	3266.9
-45°	3614.9	3619.9	3595.1	3575.2	3525.4	3470.7	3391.2	3291.7	3157.5	3008.3	2839.2
-47.5°	3137.6	3132.6	3107.8	3087.9	3048.1	2998.4	2933.7	2844.2	2739.8	2625.4	2491.2
-50°	2719.9	2744.8	2734.8	2714.9	2685.1	2650.3	2585.7	2491.2	2386.8	2302.2	2207.8
-52.5°	2431.5	2436.5	2431.5	2431.5	2426.5	2401.7	2327.1	2232.6	2118.2	2043.7	1964.1
-55°	2163.0	2187.9	2197.8	2207.8	2212.7	2212.7	2123.2	2023.8	1914.4	1839.8	1780.1
-57.5°	1944.2	1959.1	1969.1	1993.9	2013.8	2028.7	1949.2	1859.7	1775.2	1705.5	1650.8
-60°	1755.3	1775.2	1790.1	1814.9	1829.8	1839.8	1790.1	1730.4	1680.7	1635.9	1556.4
-62.5°	1586.2	1601.1	1616.0	1631.0	1645.9	1655.8	1635.9	1606.1	1581.2	1561.3	1461.9
-65°	1417.1	1432.1	1447.0	1466.9	1481.8	1491.7	1486.8	1466.9	1447.0	1427.1	1337.6
-67.5°	1263.0	1277.9	1297.8	1302.8	1312.7	1317.7	1307.7	1292.8	1268.0	1243.1	1173.5
-70°	1098.9	1108.8	1118.8	1118.8	1118.8	1113.8	1103.9	1084.0	1059.1	1024.3	969.6
-72.5°	949.7	959.7	969.6	954.7	944.8	929.8	914.9	890.1	865.2	840.3	810.5
-75°	810.5	815.5	815.5	795.6	780.7	765.8	745.9	730.9	706.1	686.2	661.3
-77.5°	646.4	646.4	646.4	631.5	621.6	611.6	596.7	581.8	561.9	547.0	527.1
-80°	502.2	502.2	502.2	497.2	482.3	472.4	462.4	452.5	437.6	427.6	417.7
-82.5°	382.9	382.9	382.9	377.9	368.0	363.0	353.0	343.1	338.1	328.2	323.2
-85°	278.5	283.4	283.4	278.5	273.5	263.5	258.6	253.6	248.6	243.6	233.7
-87.5°	189.0	189.0	189.0	184.0	179.0	179.0	174.0	164.1	154.1	149.2	144.2
-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	14.9	14.9	14.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	14.9
82.5°	24.9	24.9	29.8	29.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
80°	24.9	29.8	34.8	39.8	44.8	49.7	49.7	49.7	49.7	44.8	44.8
77.5°	29.8	29.8	34.8	39.8	44.8	49.7	54.7	59.7	54.7	54.7	54.7
75°	29.8	34.8	34.8	39.8	44.8	49.7	54.7	59.7	59.7	59.7	59.7
72.5°	24.9	29.8	34.8	39.8	39.8	44.8	49.7	49.7	54.7	54.7	59.7
70°	24.9	29.8	34.8	34.8	39.8	39.8	44.8	49.7	49.7	54.7	54.7
67.5°	29.8	34.8	34.8	39.8	44.8	44.8	44.8	49.7	49.7	54.7	54.7
65°	34.8	39.8	39.8	44.8	49.7	49.7	54.7	54.7	54.7	59.7	59.7
62.5°	59.7	59.7	59.7	54.7	59.7	59.7	59.7	64.6	64.6	59.7	64.6
60°	308.3	223.8	154.1	193.9	174.0	79.6	79.6	79.6	74.6	74.6	69.6
57.5°	726.0	676.2	581.8	492.3	442.5	392.8	243.6	99.4	99.4	89.5	79.6
55°	1213.3	1049.2	979.6	860.2	730.9	671.3	556.9	377.9	179.0	119.3	104.4
52.5°	1879.6	1725.4	1546.4	1302.8	1128.7	989.5	895.0	711.1	477.4	253.6	159.1
50°	2516.0	2446.4	2337.0	2098.4	1735.4	1501.7	1347.5	1138.7	855.3	522.1	298.3
47.5°	4052.5	3470.7	3117.7	2933.7	2630.4	2187.9	1889.5	1655.8	1312.7	880.1	527.1
45°	5101.7	4733.7	4171.9	3784.0	3336.5	2869.1	2481.2	2212.7	1805.0	1317.7	825.4
42.5°	6001.7	5683.5	5176.3	4609.4	4137.0	3525.4	3028.2	2675.2	2332.1	1800.0	1233.2
40°	7160.3	6782.4	6295.1	5743.1	5191.2	4410.5	3605.0	3177.4	2799.5	2327.1	1665.8
37.5°	9069.7	8403.4	7607.8	6996.2	6275.2	5613.9	4510.0	3754.2	3306.7	2814.4	2172.9
35°	11366.9	10636.0	9308.4	8497.9	7533.2	6548.7	5554.2	4435.4	3798.9	3276.8	2640.4
32.5°	13505.1	12436.0	10735.4	9785.7	9144.3	7329.3	6300.0	5330.4	4306.1	3664.7	2908.9
30°	14096.8	12918.3	11700.1	10591.2	9497.3	8030.4	6812.2	6056.4	4942.6	3898.4	3162.5
27.5°	13500.1	12689.6	11744.8	10715.5	9532.1	8274.1	7125.5	6404.5	5410.0	4057.5	3361.4
25°	12893.5	12048.2	11386.8	10526.6	9432.7	8259.2	7135.4	6623.3	5773.0	4365.8	3470.7
22.5°	12252.0	11724.9	11178.0	10218.3	9184.0	8303.9	7458.6	6812.2	5961.9	4713.8	3515.5
20°	12286.8	11943.7	11342.1	10059.2	9139.3	8567.5	7846.5	7050.9	6165.8	5017.2	3550.3
17.5°	12843.7	12396.2	11640.4	10526.6	9542.1	8836.0	8169.7	7379.1	6374.6	5285.7	3973.0
15°	13529.9	12848.7	12058.1	11078.5	9964.7	9129.4	8418.3	7607.8	6613.3	5534.3	4350.9
12.5°	14027.2	13057.6	12316.7	11431.6	10422.2	9447.6	8582.4	7781.8	6837.1	5738.2	4634.3
10°	14196.2	13316.1	12441.0	11650.4	10655.9	9616.6	8706.7	7891.2	7031.0	5897.3	4843.1
7.5°	14285.7	13539.9	12525.5	11749.8	10795.1	9721.1	8806.1	7950.9	7185.1	6006.7	4977.4
5°	14275.8	13659.2	12590.1	11779.6	10869.7	9765.8	8875.8	7965.8	7294.5	6101.2	5056.9
2.5°	14231.0	13738.8	12694.6	11829.4	11018.9	9850.3	9010.0	7995.6	7334.3	6205.6	5111.6
0°	14395.1	13743.7	12804.0	11844.3	11118.3	9880.2	9069.7	7970.8	7279.6	6235.4	5106.7
-2.5°	14042.1	13450.4	12779.1	11715.0	10984.1	9810.6	8960.3	7891.2	7160.3	6200.6	5086.8
-5°	13982.4	13236.6	12570.3	11595.7	10760.3	9666.4	8756.4	7742.0	6971.3	6086.2	5007.2
-7.5°	13823.3	13032.7	12366.4	11501.2	10551.5	9517.2	8562.5	7587.9	6767.5	5907.2	4892.9
-10°	13475.2	12719.4	12147.6	11297.3	10297.9	9303.4	8328.8	7384.0	6528.8	5663.6	4713.8
-12.5°	12978.0	12222.2	11655.3	10864.7	9979.6	9015.0	8050.3	7120.5	6255.3	5405.0	4500.0
-15°	12416.1	11650.4	11083.5	10362.5	9507.3	8567.5	7697.3	6787.3	5942.0	5131.5	4246.4
-17.5°	11779.6	11053.7	10506.7	9805.6	8955.3	8060.3	7195.1	6369.7	5579.0	4848.1	3953.1
-20°	11043.7	10337.6	9835.4	9134.3	8353.7	7483.5	6643.1	5862.5	5151.4	4465.2	3629.9

REPORT NUMBER: P722580

CATALOG NUMBER: IFLD-S-SA6C-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°	10133.8	9512.2	8940.4	8313.9	7632.7	6837.1	6056.4	5365.2	4684.0	4012.7	3296.7
-25°	9203.9	8602.3	8045.4	7473.5	6822.2	6136.0	5469.7	4843.1	4176.8	3570.2	2973.5
-27.5°	8169.7	7632.7	7135.4	6608.3	6011.6	5419.9	4873.0	4261.4	3684.6	3167.4	2655.3
-30°	7065.8	6628.2	6195.6	5728.2	5245.9	4748.7	4261.4	3684.6	3232.1	2819.4	2386.8
-32.5°	6006.7	5613.9	5265.8	4917.7	4500.0	4092.3	3659.7	3232.1	2854.2	2491.2	2128.2
-35°	5076.8	4659.2	4465.2	4186.8	3853.6	3485.7	3132.6	2834.3	2531.0	2202.8	1879.6
-37.5°	4271.3	4002.8	3774.1	3565.2	3301.7	2983.4	2729.9	2486.2	2232.6	1934.3	1655.8
-40°	3639.8	3445.9	3217.2	3063.0	2849.2	2620.5	2366.9	2163.0	1949.2	1705.5	1476.8
-42.5°	3132.6	2973.5	2824.3	2660.2	2501.1	2307.2	2088.4	1894.5	1700.6	1521.6	1332.6
-45°	2714.9	2600.6	2481.2	2347.0	2207.8	2038.7	1859.7	1660.8	1521.6	1362.4	1203.3
-47.5°	2371.8	2287.3	2187.9	2083.4	1964.1	1814.9	1650.8	1506.6	1362.4	1228.2	1074.0
-50°	2098.4	2018.8	1939.2	1849.7	1745.3	1616.0	1491.7	1357.5	1223.2	1093.9	949.7
-52.5°	1869.6	1800.0	1735.4	1660.8	1561.3	1451.9	1337.6	1218.2	1093.9	964.6	850.3
-55°	1710.5	1631.0	1566.3	1491.7	1402.2	1297.8	1193.4	1084.0	964.6	865.2	770.7
-57.5°	1581.2	1491.7	1417.1	1337.6	1248.1	1158.6	1064.1	964.6	875.1	780.7	691.2
-60°	1471.8	1367.4	1282.9	1203.3	1118.8	1034.3	954.7	870.2	785.6	701.1	611.6
-62.5°	1357.5	1248.1	1143.7	1069.1	1004.4	929.8	860.2	780.7	706.1	621.6	556.9
-65°	1228.2	1123.8	1024.3	959.7	900.0	835.4	770.7	701.1	636.5	571.8	512.2
-67.5°	1084.0	994.5	924.9	865.2	805.5	750.8	691.2	631.5	576.8	512.2	452.5
-70°	910.0	860.2	820.4	775.7	721.0	671.3	616.6	561.9	502.2	447.5	392.8
-72.5°	775.7	745.9	716.0	671.3	621.6	576.8	532.0	482.3	432.6	382.9	338.1
-75°	636.5	611.6	586.7	556.9	517.1	482.3	442.5	397.8	358.0	323.2	288.4
-77.5°	512.2	492.3	477.4	452.5	422.7	392.8	368.0	338.1	308.3	273.5	238.7
-80°	407.7	397.8	392.8	382.9	358.0	333.2	313.3	288.4	258.6	233.7	208.8
-82.5°	318.2	318.2	313.3	308.3	288.4	268.5	253.6	233.7	213.8	193.9	169.1
-85°	233.7	228.7	228.7	223.8	208.8	198.9	184.0	174.0	159.1	139.2	129.3
-87.5°	139.2	134.3	129.3	124.3	114.4	109.4	99.4	94.5	84.5	74.6	69.6
-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: P722580

CATALOG NUMBER: IFLD-S-SA6C-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	0.0	0.0
85°	14.9	9.9	9.9	9.9	9.9	9.9	5.0	5.0	5.0	5.0	5.0
82.5°	29.8	29.8	24.9	24.9	19.9	14.9	9.9	9.9	9.9	5.0	5.0
80°	44.8	44.8	44.8	39.8	34.8	24.9	19.9	14.9	9.9	5.0	5.0
77.5°	54.7	49.7	49.7	44.8	44.8	39.8	29.8	24.9	14.9	9.9	5.0
75°	54.7	54.7	54.7	49.7	49.7	44.8	39.8	29.8	24.9	14.9	9.9
72.5°	59.7	54.7	54.7	54.7	49.7	44.8	39.8	34.8	29.8	19.9	9.9
70°	54.7	54.7	54.7	54.7	49.7	49.7	39.8	34.8	34.8	19.9	14.9
67.5°	54.7	54.7	54.7	49.7	49.7	44.8	39.8	34.8	34.8	24.9	14.9
65°	59.7	54.7	54.7	54.7	49.7	44.8	39.8	34.8	34.8	29.8	19.9
62.5°	64.6	59.7	59.7	54.7	49.7	44.8	39.8	34.8	34.8	29.8	19.9
60°	69.6	64.6	59.7	59.7	54.7	49.7	39.8	39.8	34.8	29.8	19.9
57.5°	74.6	69.6	69.6	64.6	59.7	54.7	44.8	39.8	34.8	29.8	24.9
55°	89.5	79.6	74.6	74.6	69.6	59.7	49.7	39.8	34.8	29.8	24.9
52.5°	119.3	94.5	84.5	84.5	79.6	69.6	54.7	44.8	34.8	29.8	24.9
50°	189.0	119.3	99.4	89.5	89.5	79.6	64.6	49.7	34.8	29.8	24.9
47.5°	298.3	198.9	119.3	104.4	99.4	94.5	74.6	49.7	39.8	29.8	24.9
45°	492.3	293.4	193.9	124.3	104.4	99.4	84.5	54.7	39.8	34.8	24.9
42.5°	676.2	457.5	298.3	149.2	124.3	109.4	89.5	59.7	44.8	34.8	24.9
40°	1064.1	626.5	417.7	243.6	144.2	114.4	99.4	69.6	44.8	34.8	24.9
37.5°	1442.0	830.4	561.9	358.0	164.1	129.3	104.4	74.6	49.7	34.8	29.8
35°	1819.9	1163.5	696.1	477.4	218.8	154.1	109.4	79.6	49.7	34.8	29.8
32.5°	2158.0	1476.8	835.4	596.7	328.2	184.0	119.3	84.5	54.7	39.8	29.8
30°	2436.5	1765.2	1084.0	701.1	427.6	223.8	129.3	84.5	59.7	39.8	29.8
27.5°	2645.3	1989.0	1337.6	810.5	512.2	263.5	149.2	94.5	59.7	39.8	29.8
25°	2814.4	2163.0	1561.3	924.9	586.7	328.2	179.0	99.4	64.6	44.8	29.8
22.5°	2948.6	2307.2	1745.3	1079.0	676.2	392.8	218.8	109.4	64.6	44.8	29.8
20°	3132.6	2451.4	1869.6	1243.1	770.7	452.5	253.6	119.3	64.6	44.8	34.8
17.5°	3291.7	2595.6	1969.1	1382.3	865.2	497.2	293.4	129.3	69.6	44.8	34.8
15°	3475.7	2734.8	2058.6	1491.7	954.7	537.0	328.2	139.2	69.6	49.7	34.8
12.5°	3674.6	2864.1	2123.2	1581.2	1049.2	571.8	358.0	159.1	74.6	49.7	34.8
10°	3878.5	2973.5	2177.9	1645.9	1118.8	606.6	377.9	179.0	79.6	49.7	34.8
7.5°	4082.4	3073.0	2247.5	1675.7	1148.6	646.4	387.8	198.9	79.6	54.7	34.8
5°	4221.6	3137.6	2347.0	1695.6	1163.5	691.2	402.8	223.8	84.5	54.7	34.8
2.5°	4340.9	3177.4	2451.4	1710.5	1168.5	716.0	397.8	238.7	89.5	54.7	34.8
0°	4395.6	3177.4	2521.0	1700.6	1153.6	740.9	397.8	253.6	89.5	54.7	34.8
-2.5°	4311.1	3266.9	2501.1	1705.5	1158.6	740.9	417.7	258.6	99.4	59.7	34.8
-5°	4176.8	3301.7	2441.5	1680.7	1148.6	740.9	442.5	263.5	104.4	59.7	39.8
-7.5°	4047.5	3316.6	2371.8	1655.8	1133.7	721.0	447.5	258.6	114.4	64.6	39.8
-10°	3878.5	3152.5	2282.3	1611.1	1103.9	706.1	457.5	258.6	119.3	64.6	39.8
-12.5°	3684.6	2953.6	2172.9	1546.4	1069.1	691.2	462.4	258.6	124.3	69.6	39.8
-15°	3460.8	2749.7	2048.6	1476.8	1019.3	671.3	452.5	253.6	129.3	69.6	44.8
-17.5°	3207.2	2550.8	1919.4	1392.3	964.6	646.4	432.6	248.6	129.3	69.6	44.8
-20°	2918.8	2352.0	1775.2	1307.7	900.0	616.6	412.7	238.7	129.3	69.6	44.8

REPORT NUMBER: P722580

CATALOG NUMBER: IFLD-S-SA6C-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°	2660.2	2168.0	1626.0	1213.3	830.4	581.8	387.8	228.7	129.3	74.6	44.8
-25°	2446.4	1989.0	1511.6	1118.8	755.8	542.0	363.0	218.8	129.3	74.6	44.8
-27.5°	2222.7	1795.0	1392.3	1029.3	706.1	507.2	338.1	208.8	124.3	74.6	44.8
-30°	1993.9	1606.1	1268.0	929.8	656.4	472.4	318.2	193.9	124.3	74.6	44.8
-32.5°	1785.1	1451.9	1153.6	830.4	601.7	437.6	298.3	189.0	119.3	74.6	44.8
-35°	1581.2	1312.7	1034.3	750.8	542.0	402.8	278.5	184.0	119.3	74.6	44.8
-37.5°	1412.2	1183.4	924.9	696.1	507.2	372.9	258.6	174.0	114.4	74.6	44.8
-40°	1272.9	1064.1	820.4	636.5	477.4	343.1	238.7	169.1	114.4	74.6	44.8
-42.5°	1143.7	949.7	755.8	586.7	447.5	323.2	223.8	164.1	109.4	74.6	44.8
-45°	1029.3	850.3	691.2	542.0	412.7	298.3	213.8	154.1	104.4	74.6	49.7
-47.5°	914.9	780.7	631.5	502.2	377.9	268.5	203.9	149.2	99.4	69.6	49.7
-50°	825.4	706.1	581.8	457.5	343.1	258.6	193.9	139.2	99.4	69.6	49.7
-52.5°	745.9	636.5	527.1	412.7	313.3	243.6	184.0	129.3	94.5	69.6	49.7
-55°	671.3	571.8	472.4	368.0	293.4	228.7	169.1	119.3	94.5	69.6	49.7
-57.5°	596.7	512.2	417.7	333.2	268.5	213.8	159.1	119.3	94.5	69.6	49.7
-60°	537.0	457.5	377.9	308.3	248.6	193.9	144.2	114.4	89.5	69.6	49.7
-62.5°	487.3	412.7	343.1	278.5	228.7	174.0	139.2	114.4	89.5	69.6	44.8
-65°	437.6	372.9	308.3	253.6	203.9	164.1	134.3	109.4	89.5	69.6	44.8
-67.5°	387.8	328.2	278.5	223.8	189.0	159.1	129.3	109.4	84.5	64.6	44.8
-70°	338.1	288.4	243.6	208.8	179.0	149.2	124.3	104.4	84.5	59.7	39.8
-72.5°	298.3	253.6	218.8	193.9	169.1	144.2	119.3	99.4	79.6	54.7	34.8
-75°	253.6	223.8	198.9	174.0	154.1	134.3	114.4	89.5	69.6	49.7	34.8
-77.5°	213.8	193.9	174.0	159.1	139.2	119.3	99.4	79.6	64.6	44.8	29.8
-80°	184.0	169.1	154.1	139.2	124.3	104.4	89.5	69.6	54.7	39.8	24.9
-82.5°	149.2	139.2	124.3	114.4	104.4	89.5	74.6	59.7	39.8	29.8	19.9
-85°	114.4	104.4	99.4	89.5	79.6	64.6	49.7	39.8	29.8	19.9	9.9
-87.5°	59.7	54.7	49.7	44.8	39.8	29.8	24.9	19.9	14.9	9.9	5.0
-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: P722580

CATALOG NUMBER: IFLD-S-SA6C-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°	5.0	0.0	0.0	0.0
77.5°	5.0	0.0	0.0	0.0
75°	5.0	5.0	0.0	0.0
72.5°	5.0	5.0	0.0	0.0
70°	5.0	5.0	0.0	0.0
67.5°	9.9	5.0	0.0	0.0
65°	9.9	5.0	0.0	0.0
62.5°	9.9	5.0	0.0	0.0
60°	9.9	5.0	0.0	0.0
57.5°	14.9	5.0	5.0	0.0
55°	14.9	5.0	5.0	0.0
52.5°	14.9	5.0	5.0	0.0
50°	14.9	9.9	5.0	0.0
47.5°	14.9	9.9	5.0	0.0
45°	14.9	9.9	5.0	0.0
42.5°	14.9	9.9	5.0	0.0
40°	19.9	9.9	5.0	0.0
37.5°	19.9	9.9	5.0	0.0
35°	19.9	9.9	5.0	0.0
32.5°	19.9	9.9	5.0	0.0
30°	19.9	9.9	5.0	0.0
27.5°	19.9	14.9	5.0	0.0
25°	19.9	14.9	5.0	0.0
22.5°	24.9	14.9	5.0	0.0
20°	24.9	14.9	5.0	0.0
17.5°	24.9	14.9	5.0	0.0
15°	24.9	14.9	5.0	0.0
12.5°	24.9	14.9	5.0	0.0
10°	24.9	14.9	5.0	0.0
7.5°	24.9	14.9	5.0	0.0
5°	24.9	14.9	5.0	0.0
2.5°	24.9	14.9	5.0	0.0
0°	24.9	14.9	5.0	0.0
-2.5°	24.9	14.9	5.0	0.0
-5°	24.9	14.9	5.0	0.0
-7.5°	24.9	14.9	5.0	0.0
-10°	24.9	14.9	5.0	0.0
-12.5°	29.8	14.9	5.0	0.0
-15°	29.8	14.9	5.0	0.0
-17.5°	29.8	14.9	5.0	0.0
-20°	29.8	14.9	5.0	0.0

REPORT NUMBER: P722580

CATALOG NUMBER: IFLD-S-SA6C-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	29.8	14.9	5.0	0.0
-25°	29.8	14.9	5.0	0.0
-27.5°	29.8	14.9	5.0	0.0
-30°	29.8	14.9	5.0	0.0
-32.5°	29.8	14.9	5.0	0.0
-35°	29.8	14.9	5.0	0.0
-37.5°	29.8	14.9	5.0	0.0
-40°	29.8	14.9	5.0	0.0
-42.5°	24.9	14.9	5.0	0.0
-45°	29.8	14.9	5.0	0.0
-47.5°	29.8	14.9	5.0	0.0
-50°	29.8	14.9	5.0	0.0
-52.5°	29.8	14.9	5.0	0.0
-55°	29.8	14.9	5.0	0.0
-57.5°	29.8	14.9	5.0	0.0
-60°	29.8	14.9	5.0	0.0
-62.5°	24.9	14.9	5.0	0.0
-65°	24.9	9.9	5.0	0.0
-67.5°	24.9	9.9	5.0	0.0
-70°	24.9	9.9	5.0	0.0
-72.5°	19.9	9.9	5.0	0.0
-75°	19.9	9.9	5.0	0.0
-77.5°	14.9	5.0	0.0	0.0
-80°	14.9	5.0	0.0	0.0
-82.5°	9.9	5.0	0.0	0.0
-85°	5.0	5.0	0.0	0.0
-87.5°	5.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)