

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: P722173

Luminaire Tested: **IFLD-S-SA6B-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722173
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

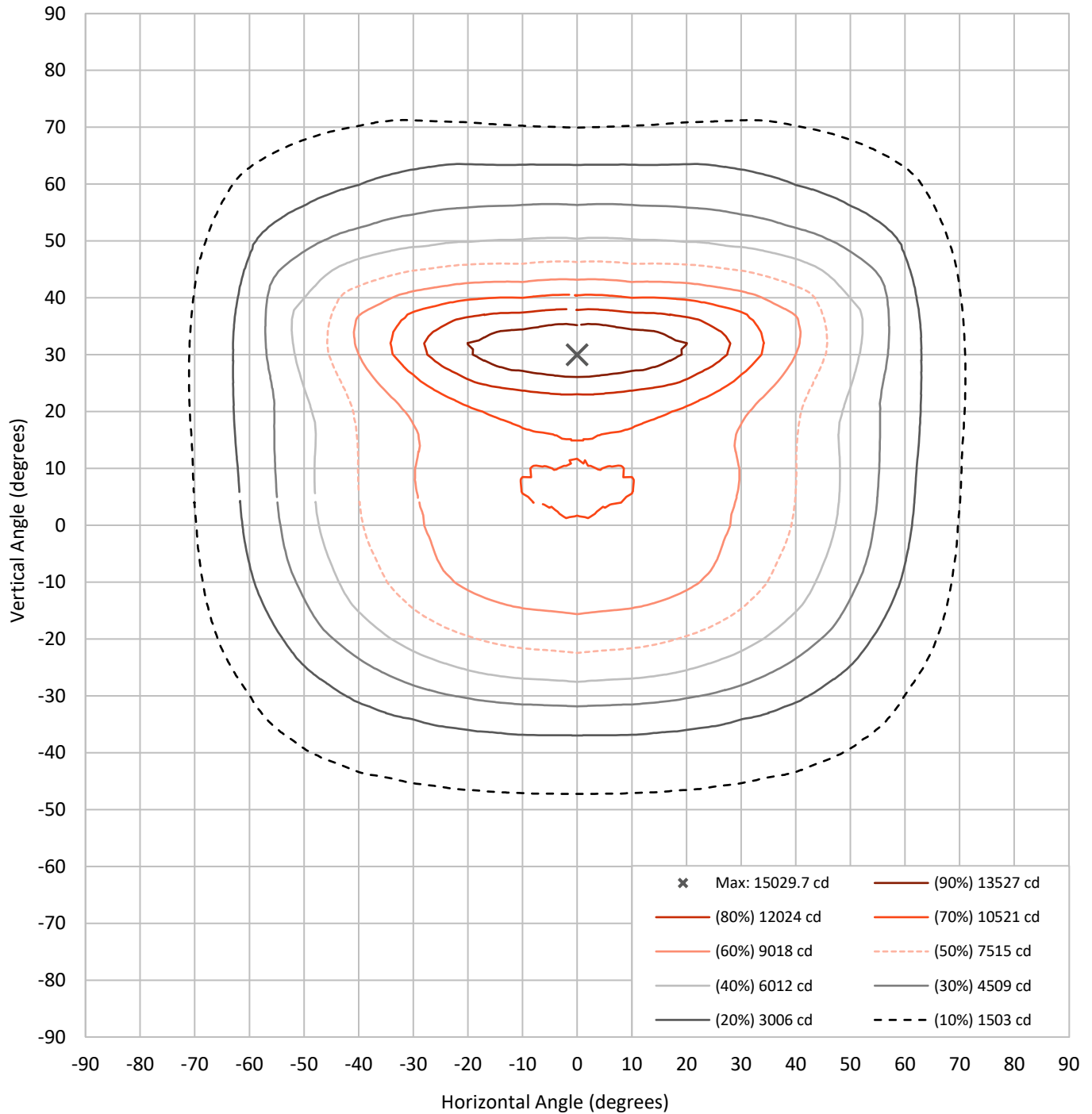
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25088.3 lumens	Max Intensity:	15029.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	14589.1 lumens	Field Lumens:	23511 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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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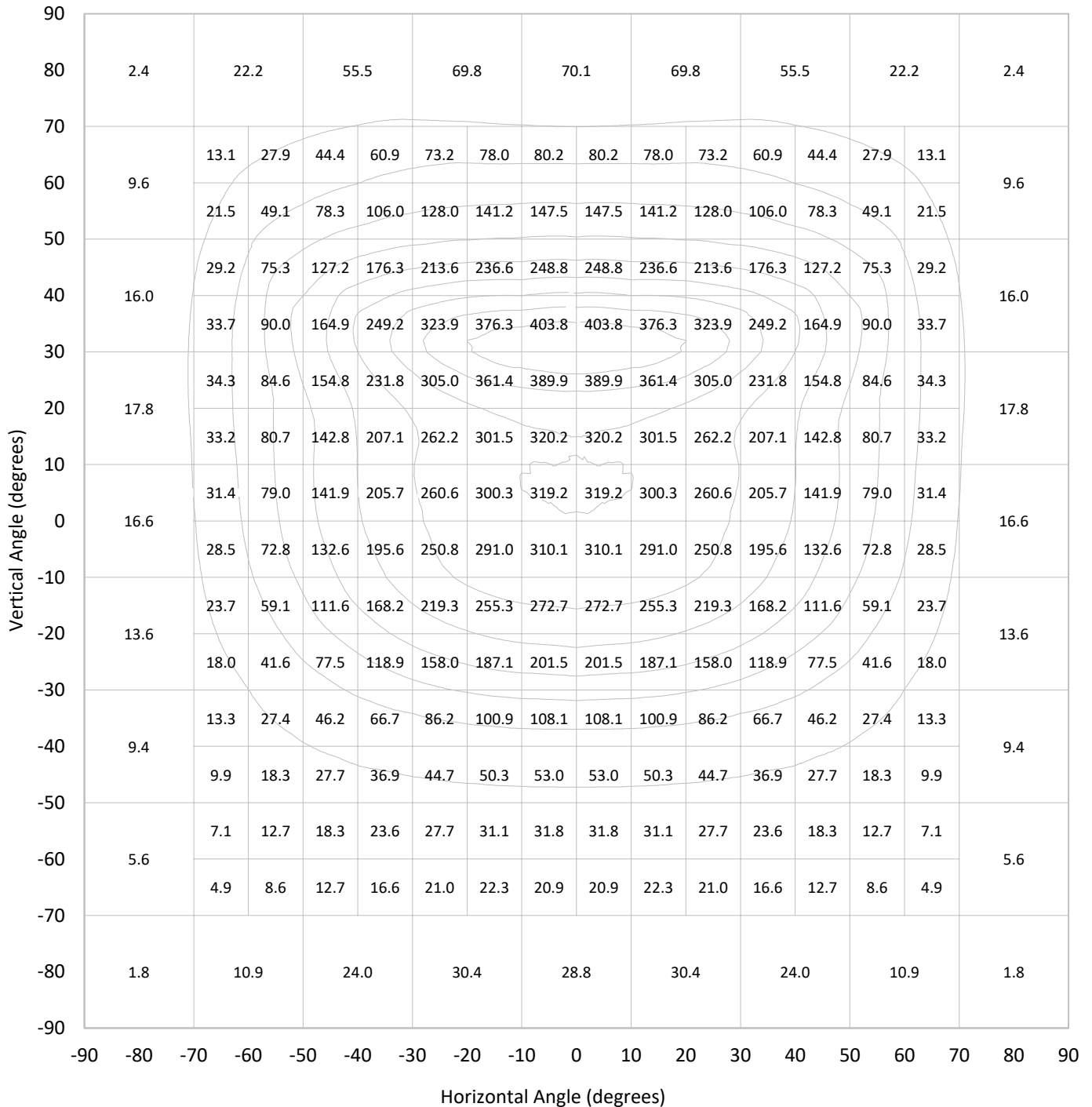
Iso-Candela Plot





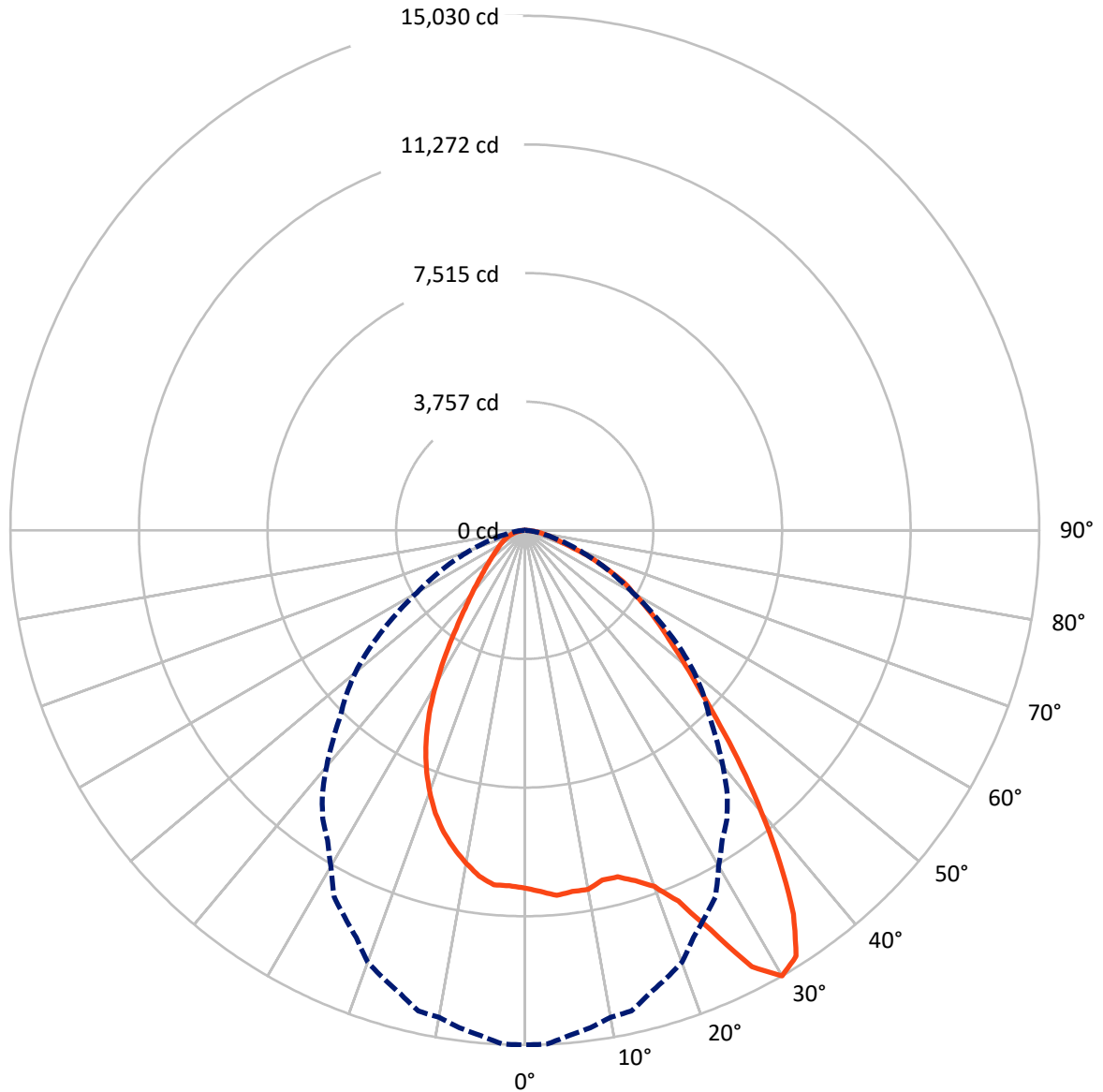
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Lumen Table



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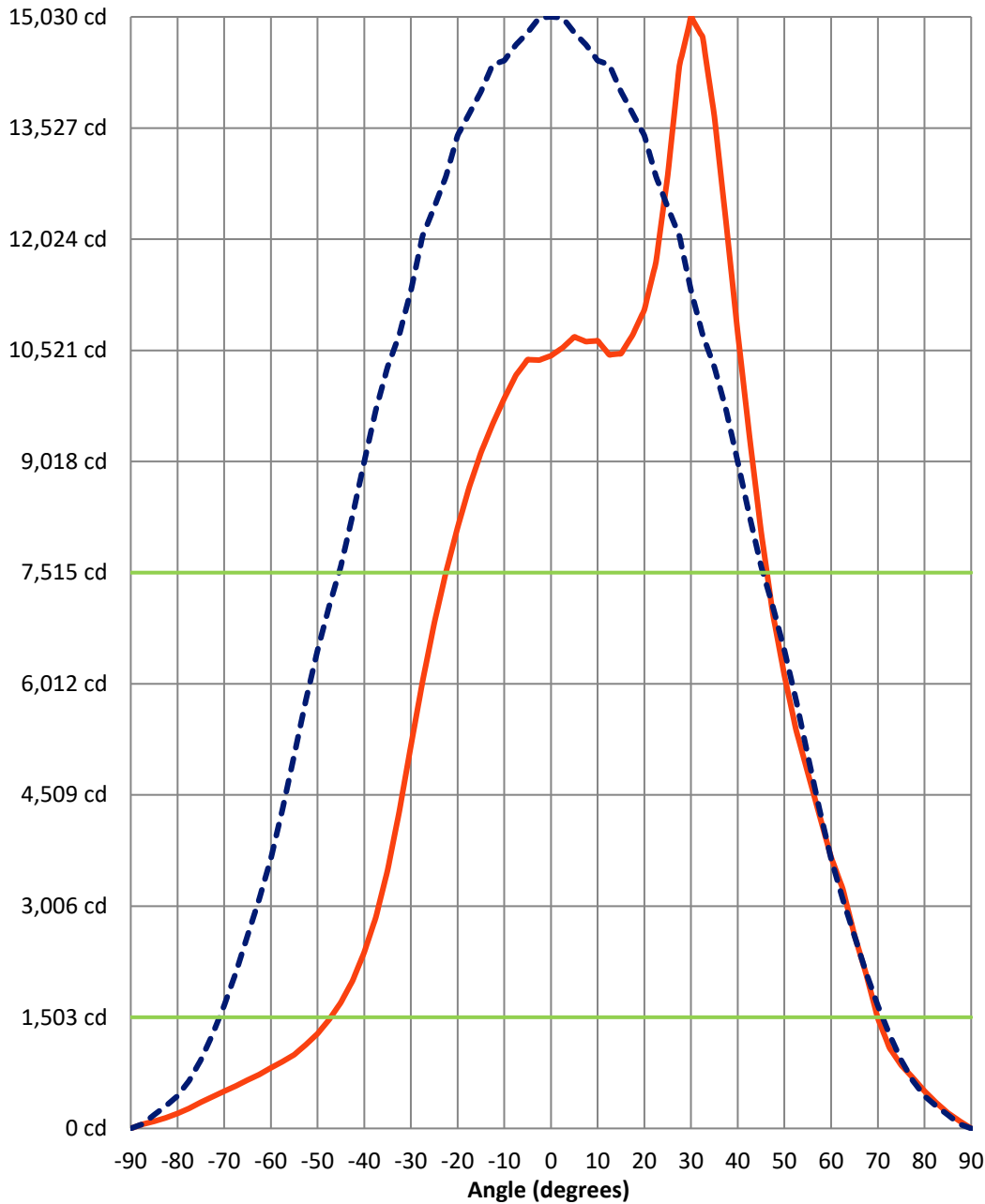
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 14589.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 23511
 Efficiency: 93.7%

Spill:
 Lumens: 1577.3
 Efficiency: 6.3%

— 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°	101.0	103.7	106.3	106.3	103.7	103.7	103.7	101.0	103.7	103.7	103.7
85°	210.0	215.3	220.6	217.9	215.3	210.0	204.6	207.3	210.0	212.6	212.6
82.5°	348.2	356.1	361.5	358.8	353.5	348.2	342.9	345.5	350.8	353.5	353.5
80°	505.0	507.6	510.3	515.6	507.6	507.6	505.0	515.6	520.9	526.2	531.6
77.5°	685.7	688.4	688.4	691.0	693.7	696.3	696.3	714.9	728.2	736.2	744.2
75°	855.8	863.8	871.7	879.7	890.4	895.7	903.6	930.2	951.5	967.4	983.4
72.5°	1089.7	1100.3	1113.6	1132.2	1150.8	1164.1	1182.7	1214.6	1238.5	1254.5	1273.1
70°	1491.0	1501.6	1514.9	1528.2	1546.8	1560.1	1578.7	1618.6	1642.5	1653.1	1663.8
67.5°	2086.3	2112.9	2136.8	2110.3	2097.0	2078.4	2083.7	2120.9	2144.8	2160.8	2158.1
65°	2615.2	2633.8	2633.8	2631.2	2620.6	2596.6	2609.9	2655.1	2681.7	2695.0	2655.1
62.5°	3237.2	3237.2	3223.9	3245.1	3247.8	3231.8	3223.9	3226.5	3229.2	3237.2	3170.7
60°	3667.7	3694.3	3702.3	3720.9	3726.2	3726.2	3739.5	3750.1	3750.1	3734.2	3657.1
57.5°	4236.5	4287.0	4297.6	4284.3	4257.7	4223.2	4217.9	4201.9	4170.0	4138.1	4100.9
55°	4810.6	4837.1	4834.5	4826.5	4799.9	4760.1	4765.4	4744.1	4693.6	4653.7	4603.2
52.5°	5387.3	5451.1	5461.7	5445.8	5408.5	5366.0	5368.7	5344.8	5294.3	5251.7	5182.6
50°	6123.5	6176.6	6171.3	6144.7	6091.6	6059.7	6062.4	6017.2	5958.7	5945.4	5855.1
47.5°	6966.0	7027.1	7016.5	6979.3	6907.5	6894.2	6907.5	6849.1	6814.5	6785.3	6679.0
45°	8071.6	8143.4	8103.5	8031.8	7917.5	7930.8	7949.4	7938.7	7864.3	7787.2	7651.7
42.5°	9368.6	9413.8	9366.0	9294.2	9150.7	9177.3	9166.6	9102.8	9057.7	8930.1	8757.3
40°	10756.0	10854.3	10779.9	10668.3	10519.4	10559.3	10530.1	10447.7	10341.4	10181.9	9964.0
37.5°	12252.3	12329.4	12244.3	12114.1	11981.2	11967.9	11909.4	11781.9	11630.4	11455.0	11106.8
35°	13684.8	13884.2	13727.3	13520.0	13357.9	13296.8	13241.0	12946.0	12773.2	12488.8	12013.1
32.5°	14750.6	14896.8	14702.7	14487.5	14290.8	14205.7	14009.1	13658.2	13565.2	12967.2	12531.4
30°	15029.7	15019.0	14817.0	14652.2	14439.6	14381.2	14019.7	13722.0	13424.4	12871.5	12456.9
27.5°	14365.2	14298.8	14104.8	13961.2	13751.3	13682.2	13326.0	13166.6	12706.8	12239.0	11888.2
25°	12884.8	12919.4	12773.2	12701.5	12563.2	12414.4	12273.6	12058.3	11771.2	11361.9	11040.3
22.5°	11718.1	11763.3	11702.1	11617.1	11510.8	11428.4	11322.1	11154.6	10878.2	10625.7	10322.8
20°	11069.6	11056.3	11003.1	10939.4	10838.4	10779.9	10662.9	10522.1	10309.5	10091.5	9764.6
17.5°	10729.4	10647.0	10596.5	10572.6	10519.4	10445.0	10306.8	10163.3	9998.5	9751.3	9512.1
15°	10476.9	10490.2	10450.3	10431.7	10389.2	10285.5	10144.7	10027.7	9804.5	9679.6	9461.6
12.5°	10461.0	10447.7	10450.3	10442.4	10389.2	10256.3	10184.5	10035.7	9892.2	9727.4	9477.6
10°	10649.7	10508.8	10519.4	10556.6	10471.6	10365.3	10288.2	10126.1	9990.5	9780.6	9533.4
7.5°	10639.0	10567.3	10588.5	10527.4	10554.0	10423.7	10317.4	10155.3	9985.2	9762.0	9538.7
5°	10702.8	10593.8	10575.2	10580.6	10514.1	10415.8	10272.3	10118.1	9958.6	9708.8	9480.2
2.5°	10556.6	10572.6	10487.5	10455.6	10447.7	10282.9	10150.0	10001.2	9836.4	9615.8	9411.1
0°	10447.7	10476.9	10389.2	10344.0	10341.4	10200.5	10115.4	9945.4	9828.4	9645.0	9397.9
-2.5°	10389.2	10423.7	10434.4	10352.0	10272.3	10163.3	10019.8	9836.4	9645.0	9432.4	9219.8
-5°	10394.5	10325.4	10296.2	10322.8	10253.7	10144.7	9985.2	9823.1	9634.4	9405.8	9140.0
-7.5°	10184.5	10115.4	10110.1	10096.8	10080.9	9977.2	9844.4	9668.9	9477.6	9265.0	9017.8
-10°	9870.9	9820.4	9807.1	9793.9	9751.3	9690.2	9565.3	9405.8	9233.1	9020.4	8757.3
-12.5°	9522.8	9498.8	9448.3	9413.8	9371.3	9299.5	9179.9	9033.7	8861.0	8672.3	8446.4
-15°	9137.4	9092.2	9041.7	9012.5	8951.3	8866.3	8746.7	8611.2	8422.5	8236.4	8023.8
-17.5°	8672.3	8616.5	8560.7	8552.7	8510.2	8379.9	8268.3	8103.5	7938.7	7760.7	7553.4
-20°	8124.8	8047.7	8010.5	7989.2	7930.8	7835.1	7715.5	7564.0	7404.5	7234.4	6995.2



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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°	7518.8	7452.4	7388.6	7348.7	7298.2	7223.8	7109.5	6976.6	6819.8	6628.5	6407.9
-25°	6830.5	6737.4	6697.6	6652.4	6625.8	6556.7	6445.1	6322.8	6160.7	5974.7	5764.7
-27.5°	6043.8	5969.3	5948.1	5884.3	5852.4	5780.6	5687.6	5573.3	5424.5	5249.1	5076.3
-30°	5174.7	5129.5	5094.9	5031.1	5007.2	4930.2	4869.0	4773.3	4637.8	4512.9	4374.7
-32.5°	4281.7	4236.5	4225.8	4196.6	4180.7	4130.2	4061.1	3992.0	3883.0	3790.0	3678.3
-35°	3489.6	3457.8	3460.4	3457.8	3441.8	3404.6	3319.5	3300.9	3221.2	3136.2	3064.4
-37.5°	2857.1	2859.8	2857.1	2854.4	2833.2	2817.2	2756.1	2732.2	2684.3	2602.0	2559.4
-40°	2381.4	2386.7	2384.0	2378.7	2354.8	2346.8	2306.9	2275.0	2256.4	2198.0	2152.8
-42.5°	1996.0	2004.0	2001.3	1998.6	1982.7	1980.0	1958.8	1921.6	1910.9	1876.4	1828.5
-45°	1703.6	1701.0	1695.7	1701.0	1693.0	1685.0	1671.7	1647.8	1634.5	1618.6	1578.7
-47.5°	1472.4	1475.1	1469.7	1469.7	1459.1	1451.1	1445.8	1429.9	1419.2	1406.0	1382.0
-50°	1281.0	1291.7	1289.0	1286.4	1278.4	1273.1	1273.1	1257.1	1241.2	1235.9	1219.9
-52.5°	1132.2	1140.2	1142.8	1148.2	1150.8	1153.5	1145.5	1129.5	1103.0	1100.3	1092.3
-55°	996.7	1020.6	1036.5	1047.2	1057.8	1065.8	1049.8	1028.6	1002.0	991.3	988.7
-57.5°	903.6	927.6	946.2	962.1	975.4	988.7	972.7	951.5	927.6	914.3	911.6
-60°	818.6	839.9	858.5	879.7	898.3	919.6	911.6	895.7	882.4	871.7	861.1
-62.5°	728.2	749.5	770.8	797.3	821.2	842.5	845.2	842.5	839.9	842.5	823.9
-65°	653.8	664.4	677.7	707.0	733.5	757.5	770.8	778.7	792.0	805.3	786.7
-67.5°	574.1	587.4	603.3	624.6	645.8	661.8	680.4	701.6	722.9	744.2	730.9
-70°	502.3	512.9	526.2	536.9	550.2	560.8	576.7	600.7	624.6	645.8	640.5
-72.5°	427.9	438.5	446.5	451.8	459.8	465.1	473.1	494.3	510.3	520.9	520.9
-75°	353.5	364.1	372.1	374.7	380.1	382.7	388.0	396.0	404.0	406.6	409.3
-77.5°	271.1	281.7	289.7	295.0	300.3	305.6	308.3	313.6	316.3	316.3	318.9
-80°	202.0	210.0	215.3	223.3	225.9	231.2	236.5	239.2	241.9	241.9	244.5
-82.5°	143.5	148.8	154.2	159.5	164.8	167.4	172.8	175.4	178.1	180.7	183.4
-85°	95.7	101.0	106.3	111.6	114.3	116.9	119.6	122.3	124.9	127.6	130.2
-87.5°	55.8	58.5	61.1	66.4	69.1	74.4	77.1	74.4	77.1	77.1	77.1
-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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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°	103.7	103.7	103.7	103.7	101.0	95.7	93.0	87.7	82.4	77.1	71.8
85°	215.3	217.9	217.9	217.9	212.6	210.0	202.0	194.0	183.4	167.4	154.2
82.5°	358.8	361.5	361.5	358.8	353.5	345.5	334.9	321.6	300.3	279.1	260.5
80°	539.5	542.2	542.2	539.5	526.2	512.9	499.7	483.7	457.1	427.9	396.0
77.5°	754.8	760.1	760.1	752.1	733.5	717.6	696.3	669.8	629.9	587.4	544.8
75°	1004.6	1017.9	1020.6	1012.6	988.7	959.5	924.9	879.7	818.6	765.4	714.9
72.5°	1294.3	1307.6	1318.3	1307.6	1273.1	1233.2	1182.7	1129.5	1068.4	996.7	911.6
70°	1674.4	1687.7	1695.7	1661.1	1600.0	1533.5	1472.4	1411.3	1339.5	1251.8	1158.8
67.5°	2152.8	2139.5	2123.6	2054.5	1977.4	1897.6	1812.6	1722.2	1629.2	1536.2	1427.2
65°	2612.6	2575.4	2540.8	2458.4	2360.1	2256.4	2158.1	2057.1	1945.5	1828.5	1724.9
62.5°	3096.3	3016.6	2931.5	2830.5	2729.5	2615.2	2516.9	2397.3	2272.4	2128.9	1996.0
60°	3572.0	3476.4	3391.3	3266.4	3133.5	2979.4	2873.0	2756.1	2609.9	2455.8	2299.0
57.5°	4031.8	3928.2	3835.2	3726.2	3582.7	3415.2	3298.3	3146.8	2992.6	2798.6	2639.2
55°	4520.9	4417.2	4342.8	4220.5	4063.7	3909.6	3782.0	3622.5	3407.3	3199.9	3003.3
52.5°	5081.6	4999.3	4919.5	4794.6	4605.9	4449.1	4308.2	4130.2	3904.3	3649.1	3412.6
50°	5708.9	5666.4	5581.3	5435.1	5219.8	5081.6	4895.6	4659.1	4417.2	4148.8	3853.8
47.5°	6540.8	6471.7	6352.1	6192.6	6011.9	5804.6	5554.7	5278.3	4935.5	4637.8	4324.2
45°	7534.8	7407.2	7253.0	7037.8	6814.5	6580.6	6306.9	5956.0	5496.3	5108.2	4778.7
42.5°	8611.2	8438.4	8228.4	7946.7	7657.0	7370.0	7075.0	6596.6	6022.5	5576.0	5203.9
40°	9735.4	9514.8	9251.7	8842.4	8520.8	8151.4	7813.8	7098.9	6487.6	6003.9	5607.9
37.5°	10835.7	10556.6	10115.4	9618.4	9243.7	8940.7	8199.2	7433.8	6886.3	6354.7	5953.4
35°	11678.2	11441.7	10662.9	10147.3	9825.8	9347.4	8419.8	7635.8	7056.4	6615.2	5990.6
32.5°	12177.9	11566.6	10883.5	10362.6	10096.8	9312.8	8435.7	7694.2	7136.1	6641.8	5894.9
30°	12066.2	11327.4	10729.4	10293.5	9716.8	9012.5	8286.9	7603.9	7061.7	6463.7	5788.6
27.5°	11393.8	10822.4	10288.2	9833.7	9267.6	8635.1	7965.3	7364.7	6859.7	6280.3	5642.4
25°	10633.7	10115.4	9719.4	9323.4	8786.6	8183.3	7593.2	7160.0	6652.4	6081.0	5451.1
22.5°	9934.7	9562.6	9251.7	8837.1	8313.5	7787.2	7420.5	6971.3	6450.4	5871.0	5254.4
20°	9488.2	9235.7	8879.6	8422.5	8010.5	7680.9	7274.3	6798.6	6261.7	5655.7	5087.0
17.5°	9272.9	8980.6	8584.6	8286.9	7970.6	7609.2	7154.7	6649.7	6078.3	5557.4	5105.6
15°	9161.3	8853.0	8592.5	8300.2	7944.1	7564.0	7059.0	6535.4	6078.3	5597.2	5118.9
12.5°	9185.2	8919.5	8635.1	8316.1	7933.4	7526.8	7069.7	6583.3	6110.2	5626.5	5121.5
10°	9259.6	8980.6	8677.6	8324.1	7938.7	7537.4	7098.9	6612.5	6126.1	5639.8	5116.2
7.5°	9286.2	8983.2	8659.0	8302.9	7925.5	7532.1	7104.2	6620.5	6128.8	5637.1	5100.2
5°	9203.8	8930.1	8616.5	8257.7	7888.2	7505.5	7082.9	6609.9	6107.5	5610.5	5060.4
2.5°	9092.2	8871.6	8571.3	8225.8	7851.0	7468.3	7048.4	6562.0	6059.7	5562.7	5009.9
0°	9073.6	8799.9	8496.9	8188.6	7789.9	7385.9	6968.7	6471.7	5972.0	5472.3	4922.2
-2.5°	8951.3	8661.7	8358.7	8023.8	7673.0	7266.3	6827.8	6341.4	5847.1	5355.4	4826.5
-5°	8858.3	8536.7	8215.1	7853.7	7500.2	7093.6	6639.1	6166.0	5682.3	5203.9	4693.6
-7.5°	8733.4	8403.8	8066.3	7688.9	7306.2	6891.6	6442.4	5969.3	5493.6	5017.9	4528.8
-10°	8480.9	8191.2	7875.0	7484.3	7080.3	6665.7	6219.2	5754.1	5278.3	4797.3	4305.6
-12.5°	8175.3	7869.6	7524.1	7165.3	6803.9	6418.5	5972.0	5514.9	5036.5	4552.7	4063.7
-15°	7779.3	7478.9	7125.5	6774.6	6426.5	6057.0	5663.7	5251.7	4765.4	4289.6	3800.6
-17.5°	7284.9	7003.2	6686.9	6352.1	6006.5	5634.5	5251.7	4903.6	4449.1	4002.6	3518.9
-20°	6753.4	6490.3	6205.9	5889.6	5544.1	5180.0	4818.5	4454.4	4061.1	3667.7	3218.6



REPORT NUMBER: P722173
 CATALOG NUMBER: IFLD-S-SA6B-827-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6200.6	5934.8	5647.7	5352.7	5033.8	4696.3	4361.4	4013.2	3667.7	3311.6	2931.5
-25°	5562.7	5328.8	5065.7	4778.7	4494.3	4199.3	3880.3	3564.1	3269.0	2960.7	2649.8
-27.5°	4895.6	4680.3	4441.1	4191.3	3946.8	3699.6	3423.2	3130.8	2886.3	2631.2	2373.4
-30°	4194.0	4021.2	3827.2	3609.2	3420.5	3221.2	2990.0	2748.1	2524.9	2330.9	2123.6
-32.5°	3529.5	3383.3	3245.1	3101.6	2915.6	2761.4	2602.0	2423.9	2227.2	2043.8	1895.0
-35°	2958.1	2801.3	2742.8	2636.5	2503.6	2368.1	2251.1	2123.6	1974.7	1812.6	1690.3
-37.5°	2477.0	2384.0	2301.6	2243.2	2155.4	2046.5	1953.5	1860.4	1746.2	1623.9	1501.6
-40°	2102.3	2038.5	1948.1	1918.9	1863.1	1788.7	1693.0	1621.2	1544.2	1451.1	1347.5
-42.5°	1802.0	1754.1	1695.7	1645.2	1621.2	1568.1	1493.7	1424.6	1363.4	1299.6	1219.9
-45°	1554.8	1522.9	1485.7	1440.5	1421.9	1379.4	1326.2	1249.1	1214.6	1161.4	1103.0
-47.5°	1355.5	1339.5	1312.9	1283.7	1257.1	1225.2	1177.4	1129.5	1081.7	1047.2	1002.0
-50°	1198.7	1188.0	1172.1	1148.2	1113.6	1092.3	1060.4	1017.9	972.7	943.5	911.6
-52.5°	1073.7	1063.1	1052.5	1033.9	1007.3	986.0	959.5	924.9	887.7	858.5	831.9
-55°	978.1	962.1	954.1	938.2	916.9	893.0	869.1	845.2	813.3	786.7	760.1
-57.5°	903.6	882.4	871.7	858.5	837.2	813.3	794.7	770.8	749.5	720.3	696.3
-60°	845.2	821.2	800.0	786.7	768.1	744.2	725.6	707.0	685.7	661.8	632.5
-62.5°	797.3	768.1	738.9	722.9	704.3	683.0	664.4	645.8	624.6	600.7	574.1
-65°	752.1	717.6	680.4	664.4	645.8	624.6	600.7	587.4	568.8	547.5	520.9
-67.5°	696.3	659.1	627.2	608.6	590.0	571.4	550.2	536.9	518.3	491.7	465.1
-70°	613.9	590.0	568.8	552.8	536.9	520.9	499.7	478.4	457.1	433.2	409.3
-72.5°	510.3	502.3	499.7	491.7	473.1	454.5	433.2	412.0	393.3	374.7	356.1
-75°	412.0	417.3	422.6	419.9	401.3	382.7	364.1	345.5	332.2	316.3	300.3
-77.5°	326.9	332.2	337.5	337.5	324.2	313.6	300.3	287.0	276.4	263.1	247.2
-80°	252.5	260.5	268.4	273.7	263.1	255.1	244.5	233.9	223.3	212.6	202.0
-82.5°	191.4	199.3	207.3	212.6	204.6	199.3	191.4	183.4	175.4	164.8	156.8
-85°	138.2	143.5	148.8	151.5	146.2	140.9	135.5	130.2	124.9	116.9	111.6
-87.5°	79.7	82.4	85.0	87.7	82.4	77.1	74.4	69.1	66.4	61.1	58.5
-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: P722173
 CATALOG NUMBER: IFLD-S-SA6B-827-U-76

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°	66.4	61.1	55.8	53.2	47.8	39.9	34.6	29.2	23.9	18.6	15.9
85°	140.9	127.6	111.6	103.7	93.0	82.4	71.8	61.1	50.5	39.9	29.2
82.5°	241.9	225.9	210.0	191.4	167.4	138.2	109.0	90.4	74.4	58.5	45.2
80°	364.1	334.9	308.3	284.4	257.8	220.6	180.7	143.5	101.0	77.1	58.5
77.5°	505.0	470.4	433.2	393.3	350.8	300.3	255.1	207.3	156.8	106.3	74.4
75°	664.4	619.3	568.8	512.9	457.1	390.7	326.9	271.1	212.6	148.8	90.4
72.5°	842.5	786.7	725.6	651.2	563.4	486.4	409.3	334.9	265.8	188.7	122.3
70°	1071.1	983.4	893.0	813.3	701.6	579.4	489.0	404.0	316.3	231.2	154.2
67.5°	1315.6	1209.3	1100.3	983.4	842.5	699.0	568.8	473.1	369.4	271.1	183.4
65°	1581.4	1448.5	1310.3	1180.0	986.0	815.9	669.8	539.5	419.9	308.3	212.6
62.5°	1855.1	1698.3	1538.8	1368.7	1145.5	935.5	765.4	613.9	467.8	342.9	239.2
60°	2147.5	1964.1	1770.1	1557.4	1297.0	1065.8	855.8	691.0	518.3	377.4	268.4
57.5°	2455.8	2256.4	2027.9	1740.8	1453.8	1190.7	959.5	760.1	563.4	409.3	289.7
55°	2790.7	2562.1	2312.3	1932.2	1607.9	1315.6	1063.1	829.2	611.3	435.9	311.0
52.5°	3152.1	2886.3	2570.1	2134.2	1770.1	1443.2	1158.8	890.4	656.5	465.1	329.6
50°	3556.1	3221.2	2796.0	2320.2	1910.9	1562.8	1254.5	956.8	693.7	497.0	345.5
47.5°	3976.0	3614.6	2998.0	2493.0	2054.5	1679.7	1352.8	1015.3	730.9	523.6	361.5
45°	4414.5	3888.3	3207.9	2647.1	2179.4	1786.0	1427.2	1068.4	776.1	547.5	374.7
42.5°	4847.8	4095.6	3391.3	2801.3	2296.3	1881.7	1488.3	1118.9	813.3	571.4	388.0
40°	5052.4	4252.4	3537.5	2907.6	2394.6	1966.7	1541.5	1164.1	845.2	587.4	401.3
37.5°	5137.5	4348.1	3633.2	3008.6	2471.7	2011.9	1586.7	1204.0	871.7	603.3	412.0
35°	5156.1	4382.7	3681.0	3077.7	2535.5	2054.5	1621.2	1233.2	893.0	619.3	422.6
32.5°	5121.5	4372.0	3694.3	3101.6	2575.4	2086.3	1645.2	1254.5	909.0	635.2	433.2
30°	5044.4	4316.2	3646.5	3099.0	2604.6	2104.9	1661.1	1270.4	924.9	645.8	438.5
27.5°	4919.5	4217.9	3585.3	3101.6	2620.6	2112.9	1669.1	1278.4	935.5	653.8	449.2
25°	4765.4	4085.0	3588.0	3096.3	2623.2	2115.6	1669.1	1278.4	938.2	656.5	457.1
22.5°	4587.3	4085.0	3588.0	3088.3	2607.3	2110.3	1661.1	1273.1	938.2	661.8	465.1
20°	4597.9	4087.6	3580.0	3072.4	2583.3	2094.3	1642.5	1259.8	930.2	669.8	470.4
17.5°	4605.9	4082.3	3564.1	3051.1	2551.5	2067.7	1618.6	1241.2	930.2	677.7	473.1
15°	4605.9	4066.4	3540.1	3019.2	2511.6	2030.5	1584.0	1225.2	932.9	680.4	478.4
12.5°	4597.9	4037.1	3502.9	2976.7	2463.7	1985.3	1562.8	1219.9	932.9	683.0	478.4
10°	4582.0	3997.3	3455.1	2923.5	2418.6	1969.4	1552.1	1209.3	927.6	683.0	478.4
7.5°	4552.7	3949.4	3415.2	2891.6	2392.0	1950.8	1536.2	1193.3	919.6	677.7	483.7
5°	4507.6	3922.9	3383.3	2854.4	2354.8	1937.5	1525.6	1180.0	914.3	677.7	478.4
2.5°	4449.1	3891.0	3346.1	2806.6	2312.3	1892.3	1491.0	1150.8	895.7	667.1	473.1
0°	4353.4	3827.2	3282.3	2740.2	2253.8	1847.1	1456.5	1121.6	877.1	656.5	467.8
-2.5°	4265.7	3742.1	3199.9	2671.1	2198.0	1807.3	1429.9	1105.6	869.1	653.8	465.1
-5°	4143.5	3625.2	3091.0	2580.7	2123.6	1767.4	1403.3	1087.0	861.1	648.5	465.1
-7.5°	4007.9	3502.9	2976.7	2487.7	2049.1	1698.3	1352.8	1057.8	842.5	637.9	462.5
-10°	3797.9	3319.5	2833.2	2381.4	1969.4	1637.2	1310.3	1031.2	826.6	627.2	451.8
-12.5°	3574.7	3117.6	2668.4	2251.1	1879.0	1573.4	1262.4	1002.0	808.0	616.6	446.5
-15°	3338.2	2910.3	2495.6	2115.6	1780.7	1496.3	1211.9	970.1	789.4	603.3	438.5
-17.5°	3091.0	2692.3	2317.6	1977.4	1682.4	1416.6	1158.8	940.8	768.1	590.0	430.6
-20°	2830.5	2469.1	2136.8	1836.5	1578.7	1336.9	1103.0	906.3	744.2	574.1	419.9



REPORT NUMBER: P722173
 CATALOG NUMBER: IFLD-S-SA6B-827-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2572.7	2248.5	1950.8	1698.3	1472.4	1254.5	1047.2	871.7	717.6	555.5	412.0
-25°	2344.1	2041.2	1786.0	1565.4	1368.7	1174.7	988.7	837.2	688.4	536.9	401.3
-27.5°	2120.9	1863.1	1623.9	1440.5	1267.8	1097.7	932.9	800.0	659.1	515.6	390.7
-30°	1913.6	1693.0	1496.3	1318.3	1172.1	1028.6	885.0	762.8	627.2	494.3	377.4
-32.5°	1724.9	1546.8	1382.0	1211.9	1081.7	959.5	839.9	725.6	595.3	473.1	364.1
-35°	1549.5	1411.3	1267.8	1124.2	991.3	895.7	792.0	685.7	566.1	449.2	350.8
-37.5°	1392.7	1281.0	1166.8	1044.5	930.2	834.5	746.8	645.8	536.9	427.9	337.5
-40°	1257.1	1166.8	1065.8	967.4	871.7	781.4	701.6	606.0	507.6	412.0	324.2
-42.5°	1132.2	1063.1	980.7	898.3	813.3	733.5	656.5	563.4	478.4	393.3	311.0
-45°	1036.5	967.4	901.0	826.6	754.8	685.7	608.6	526.2	451.8	372.1	297.7
-47.5°	946.2	885.0	823.9	762.8	704.3	640.5	563.4	494.3	422.6	353.5	287.0
-50°	866.4	808.0	754.8	701.6	651.2	590.0	518.3	462.5	398.7	334.9	273.7
-52.5°	792.0	741.5	688.4	645.8	603.3	542.2	483.7	430.6	374.7	313.6	260.5
-55°	725.6	677.7	629.9	590.0	550.2	497.0	449.2	404.0	350.8	297.7	247.2
-57.5°	661.8	621.9	576.7	539.5	499.7	457.1	417.3	374.7	326.9	281.7	233.9
-60°	603.3	566.1	526.2	489.0	454.5	419.9	382.7	348.2	305.6	263.1	220.6
-62.5°	544.8	512.9	478.4	441.2	414.6	382.7	353.5	318.9	284.4	247.2	196.7
-65°	491.7	462.5	430.6	398.7	374.7	350.8	324.2	292.4	263.1	228.6	175.4
-67.5°	438.5	412.0	385.4	358.8	337.5	318.9	292.4	268.4	244.5	207.3	154.2
-70°	388.0	366.8	342.9	321.6	305.6	284.4	265.8	244.5	223.3	180.7	130.2
-72.5°	340.2	318.9	300.3	284.4	271.1	252.5	236.5	220.6	191.4	151.5	109.0
-75°	284.4	271.1	260.5	247.2	233.9	220.6	207.3	188.7	159.5	122.3	85.0
-77.5°	233.9	225.9	217.9	207.3	196.7	186.0	170.1	151.5	127.6	95.7	69.1
-80°	191.4	183.4	178.1	167.4	159.5	148.8	132.9	116.9	93.0	74.4	55.8
-82.5°	146.2	140.9	135.5	130.2	122.3	111.6	95.7	82.4	69.1	55.8	42.5
-85°	103.7	101.0	95.7	90.4	82.4	74.4	63.8	55.8	47.8	37.2	29.2
-87.5°	53.2	50.5	47.8	45.2	42.5	37.2	31.9	26.6	23.9	18.6	13.3
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.6	8.0	2.7	0.0
85°	21.3	13.3	5.3	0.0
82.5°	31.9	21.3	8.0	0.0
80°	42.5	26.6	13.3	0.0
77.5°	53.2	31.9	15.9	0.0
75°	63.8	39.9	18.6	0.0
72.5°	71.8	45.2	21.3	0.0
70°	85.0	53.2	23.9	0.0
67.5°	106.3	58.5	26.6	0.0
65°	124.9	63.8	29.2	0.0
62.5°	146.2	69.1	31.9	0.0
60°	164.8	74.4	34.6	0.0
57.5°	183.4	87.7	37.2	0.0
55°	199.3	98.3	39.9	0.0
52.5°	217.9	109.0	42.5	0.0
50°	233.9	119.6	45.2	0.0
47.5°	247.2	130.2	45.2	0.0
45°	257.8	138.2	47.8	0.0
42.5°	265.8	146.2	50.5	0.0
40°	273.7	154.2	53.2	0.0
37.5°	281.7	162.1	53.2	0.0
35°	289.7	170.1	55.8	0.0
32.5°	297.7	178.1	55.8	0.0
30°	303.0	183.4	58.5	0.0
27.5°	311.0	188.7	58.5	0.0
25°	313.6	194.0	61.1	0.0
22.5°	318.9	196.7	61.1	0.0
20°	324.2	202.0	61.1	0.0
17.5°	326.9	204.6	63.8	0.0
15°	326.9	207.3	66.4	0.0
12.5°	329.6	210.0	66.4	0.0
10°	329.6	215.3	63.8	0.0
7.5°	334.9	212.6	63.8	0.0
5°	332.2	212.6	63.8	0.0
2.5°	329.6	210.0	63.8	0.0
0°	326.9	210.0	63.8	0.0
-2.5°	326.9	210.0	63.8	0.0
-5°	326.9	210.0	63.8	0.0
-7.5°	324.2	212.6	63.8	0.0
-10°	318.9	212.6	63.8	0.0
-12.5°	316.3	204.6	63.8	0.0
-15°	313.6	202.0	63.8	0.0
-17.5°	308.3	199.3	61.1	0.0
-20°	303.0	196.7	61.1	0.0



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 CATALOG NUMBER: IFLD-S-SA6B-827-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	297.7	191.4	61.1	0.0
-25°	292.4	186.0	58.5	0.0
-27.5°	287.0	180.7	58.5	0.0
-30°	279.1	175.4	55.8	0.0
-32.5°	271.1	170.1	55.8	0.0
-35°	265.8	162.1	53.2	0.0
-37.5°	257.8	154.2	53.2	0.0
-40°	249.8	146.2	50.5	0.0
-42.5°	241.9	138.2	47.8	0.0
-45°	231.2	130.2	47.8	0.0
-47.5°	223.3	122.3	45.2	0.0
-50°	210.0	111.6	42.5	0.0
-52.5°	194.0	101.0	39.9	0.0
-55°	178.1	93.0	37.2	0.0
-57.5°	162.1	82.4	37.2	0.0
-60°	146.2	71.8	34.6	0.0
-62.5°	130.2	66.4	31.9	0.0
-65°	114.3	61.1	29.2	0.0
-67.5°	95.7	53.2	26.6	0.0
-70°	79.7	47.8	23.9	0.0
-72.5°	69.1	42.5	21.3	0.0
-75°	58.5	37.2	18.6	0.0
-77.5°	50.5	31.9	15.9	0.0
-80°	39.9	23.9	10.6	0.0
-82.5°	29.2	18.6	8.0	0.0
-85°	18.6	13.3	5.3	0.0
-87.5°	10.6	5.3	2.7	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)