

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: P722473

Luminaire Tested: **IFLD-L-SA7B-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722473
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

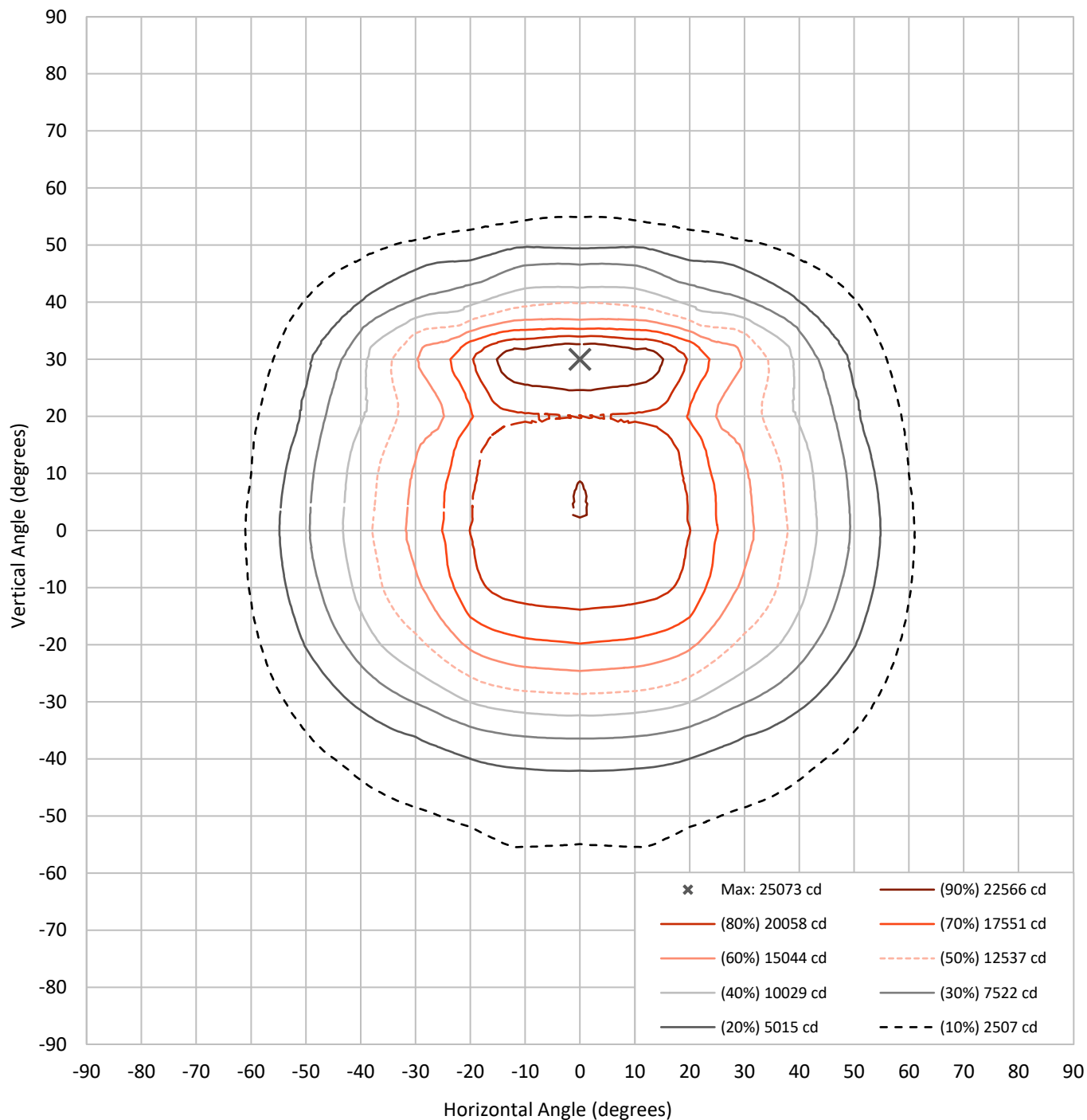
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35915.5 lumens	Max Intensity:	25073 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	127.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	22912.5 lumens	Field Lumens:	33860.3 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	281		
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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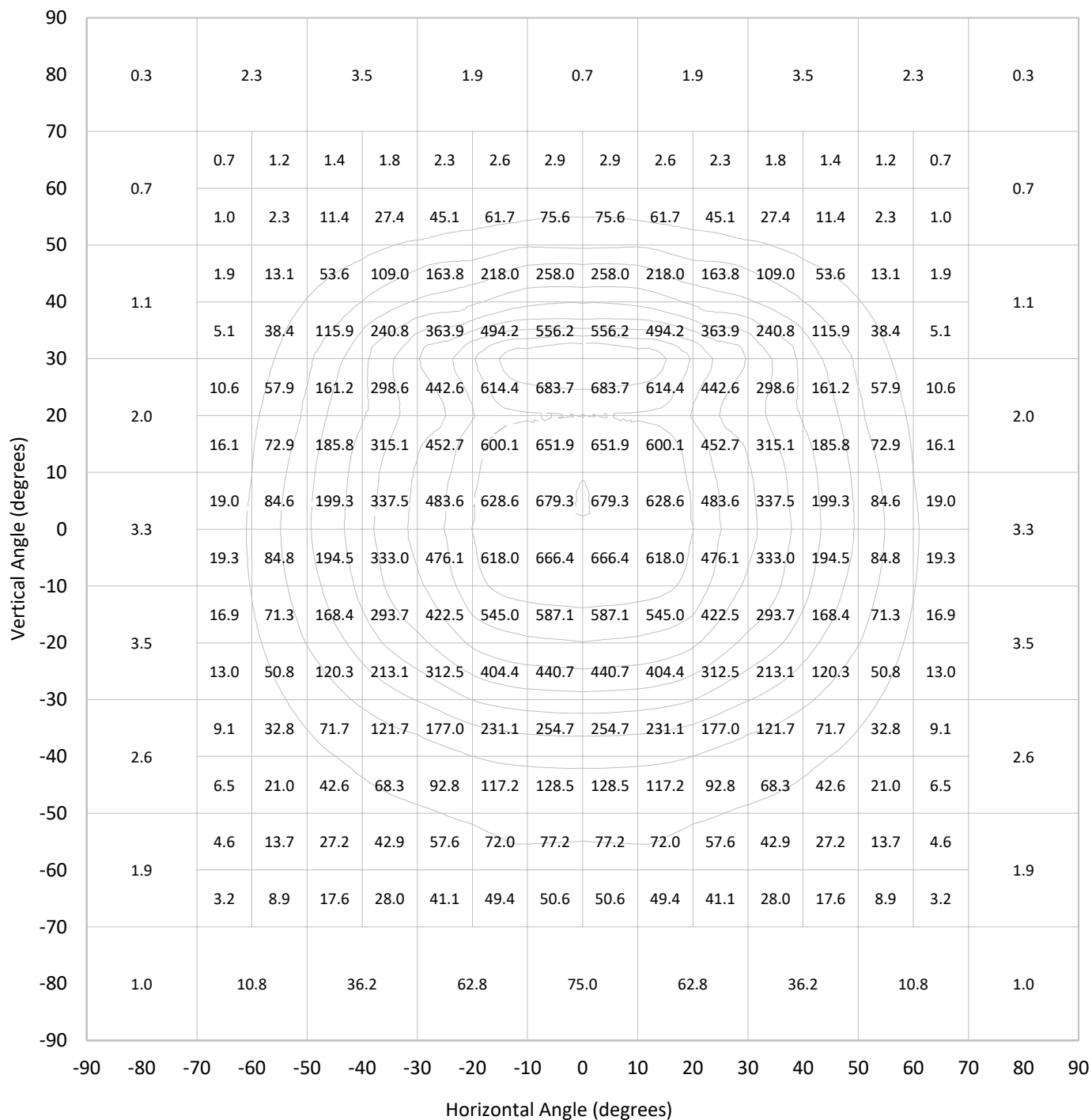
Iso-Candela Plot



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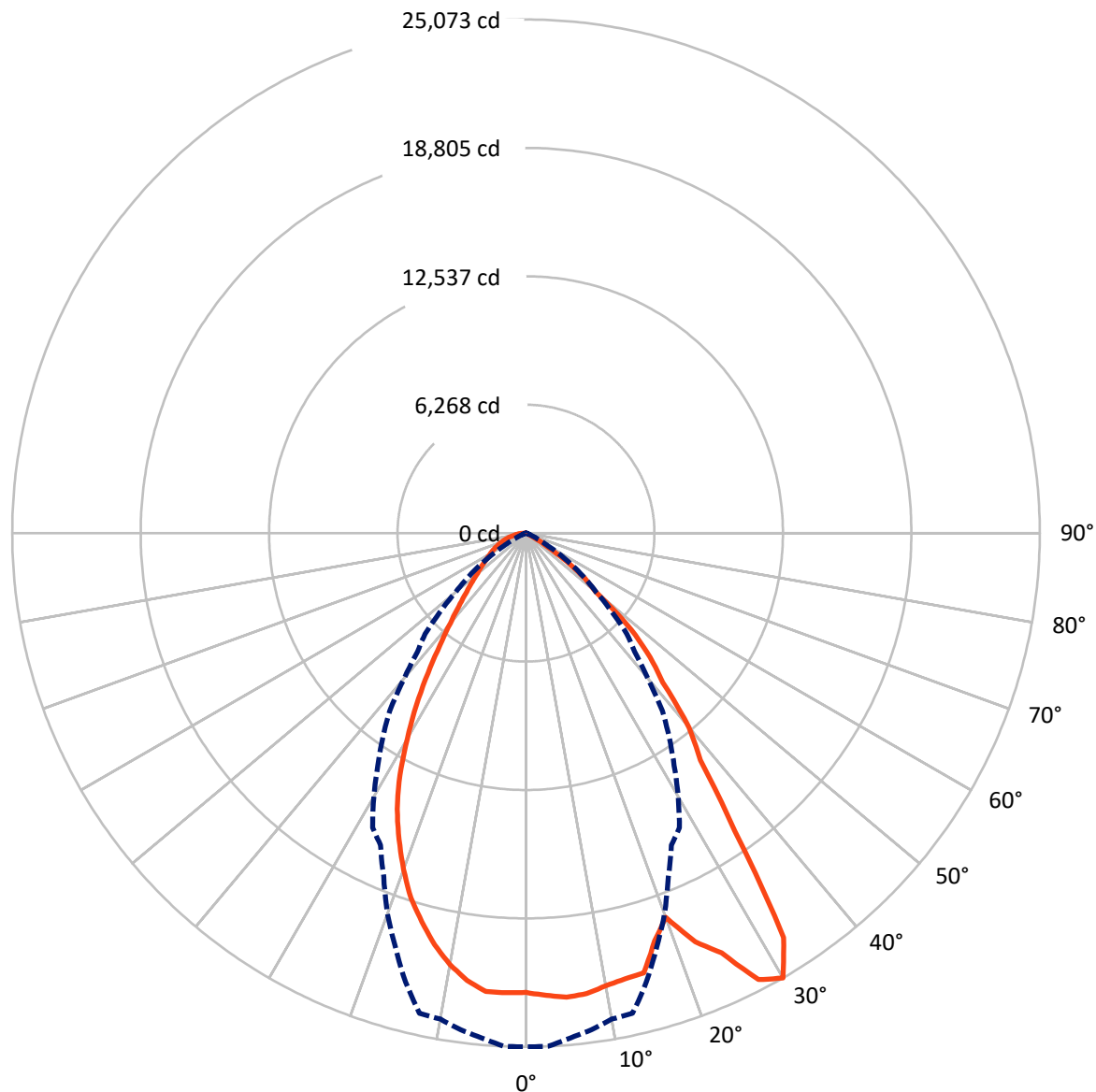
Lumen Table



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Luminous Intensity Polar Plot

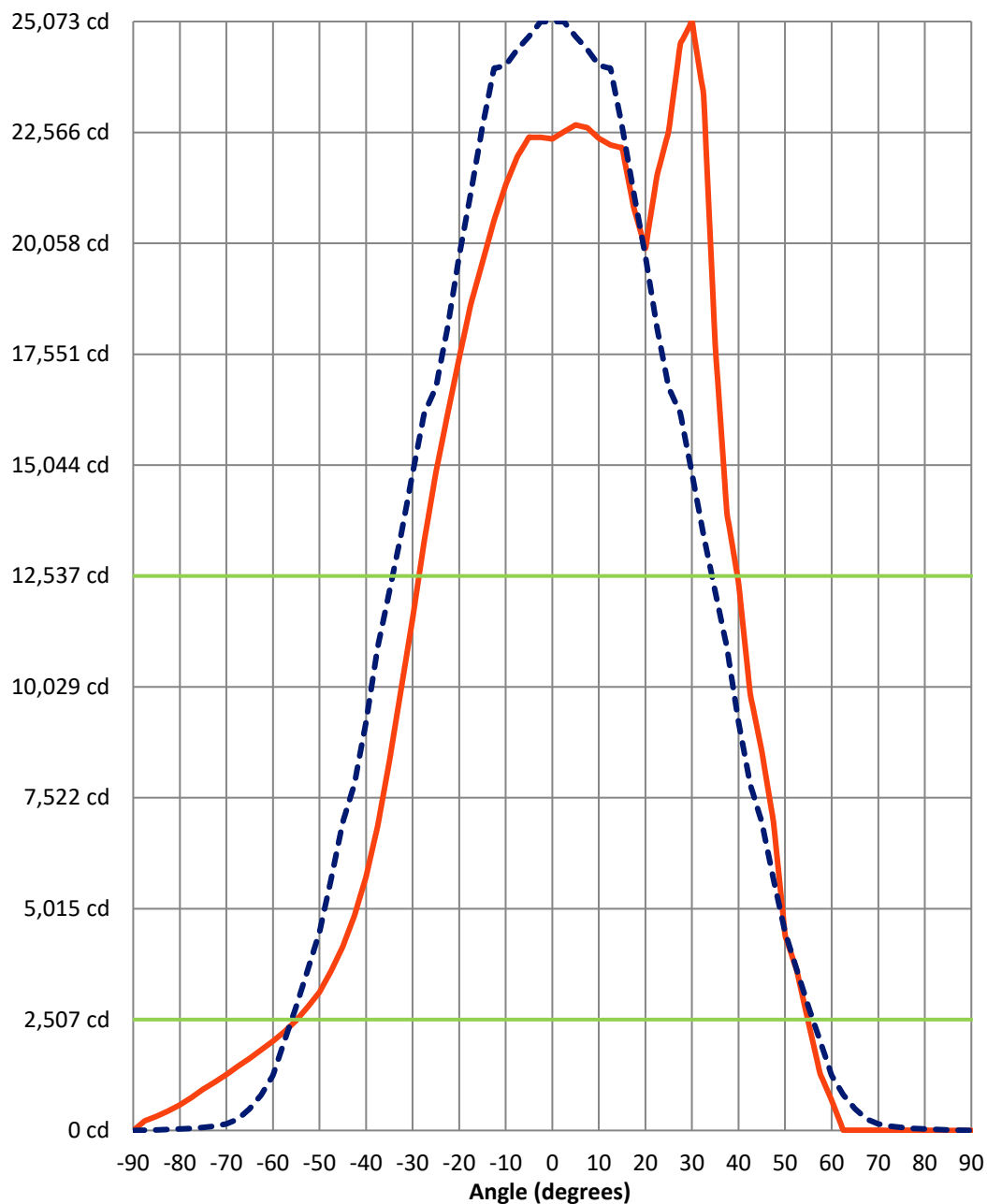


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 22912.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 33860.3

Efficiency: 94.3%

Spill:

Lumens: 2055.2

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	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	11.4	11.4	17.2
82.5°	0.0	5.7	5.7	5.7	11.4	11.4	11.4	11.4	17.2	17.2	22.9
80°	5.7	5.7	5.7	5.7	11.4	11.4	11.4	17.2	17.2	22.9	22.9
77.5°	5.7	5.7	5.7	11.4	11.4	11.4	17.2	17.2	22.9	22.9	28.6
75°	5.7	5.7	5.7	11.4	11.4	17.2	17.2	17.2	22.9	22.9	28.6
72.5°	0.0	5.7	5.7	11.4	11.4	17.2	17.2	17.2	22.9	22.9	22.9
70°	5.7	5.7	5.7	11.4	11.4	17.2	17.2	17.2	22.9	22.9	22.9
67.5°	5.7	5.7	5.7	11.4	11.4	17.2	17.2	22.9	22.9	22.9	28.6
65°	5.7	5.7	5.7	11.4	17.2	17.2	22.9	28.6	28.6	34.3	40.0
62.5°	5.7	11.4	11.4	17.2	22.9	28.6	62.9	97.2	97.2	68.6	57.2
60°	680.4	737.6	731.9	663.3	577.5	486.0	468.9	451.7	417.4	365.9	383.1
57.5°	1292.2	1360.9	1389.5	1372.3	1326.6	1246.5	1200.8	1149.3	1080.7	1000.6	909.1
55°	2447.3	2475.9	2413.0	2292.9	2161.4	2029.9	1984.1	1915.5	1812.6	1709.7	1572.4
52.5°	3619.4	3716.6	3688.1	3568.0	3390.7	3156.3	2899.0	2698.9	2578.8	2464.4	2327.2
50°	4419.9	4460.0	4540.0	4683.0	4734.4	4574.3	4156.9	3619.4	3236.3	3430.7	3282.1
47.5°	6975.8	7176.0	7135.9	7033.0	6861.5	6426.9	5843.7	5363.4	4963.1	4831.6	4854.5
45°	8571.1	8651.2	8622.6	8576.9	8496.8	8090.8	7444.7	6707.1	6335.4	6186.8	6032.4
42.5°	9880.5	9966.3	9983.5	9989.2	9903.4	9531.8	8948.5	8210.9	7839.3	7410.4	7073.1
40°	12379.3	12505.1	12362.1	12173.4	11887.5	11464.4	10892.6	10212.2	9554.6	9028.6	8628.3
37.5°	13974.6	14128.9	14186.1	14174.7	14111.8	13928.8	13225.5	12579.4	11573.0	10395.2	10606.7
35°	17759.8	17919.9	17874.2	17702.6	17611.2	17416.7	16730.6	15964.4	14700.7	13419.9	13076.9
32.5°	23403.4	23752.2	23100.3	22385.6	21945.3	22099.7	21402.1	19526.7	18943.4	16633.4	15564.1
30°	25073.0	25067.3	24735.7	24444.1	24083.8	24009.5	22694.4	21196.3	19766.8	18148.6	16799.2
27.5°	24564.1	24461.2	24181.0	23969.5	23632.1	23454.9	22168.3	20979.0	19326.5	17879.9	16576.2
25°	22602.9	22682.9	22397.0	22357.0	22225.5	21882.4	21242.0	19904.0	18428.8	16827.8	15890.1
22.5°	21590.8	21562.2	21219.2	21019.0	21179.1	20813.2	20555.9	19206.4	17668.3	16318.9	15192.5
20°	19944.1	19949.8	19864.0	19846.9	19749.7	19583.8	19378.0	18423.1	17336.7	16181.7	14826.5
17.5°	20864.6	21099.1	21202.0	20350.0	20590.2	20401.5	20184.2	18851.9	18034.3	17010.8	15243.9
15°	22214.1	22128.3	22025.4	21979.6	21848.1	21670.9	21276.3	20212.8	18806.2	17748.4	16370.4
12.5°	22282.7	22116.9	22076.8	22071.1	21933.9	21688.0	21304.9	20424.4	19177.9	17891.3	16770.6
10°	22431.3	22259.8	22236.9	22265.5	22054.0	21899.6	21516.5	20698.8	19292.2	18137.2	17079.4
7.5°	22671.5	22385.6	22517.1	22431.3	22334.1	22088.3	21676.6	20876.1	19709.6	18463.1	17353.8
5°	22734.4	22419.9	22562.9	22482.8	22339.9	22099.7	21653.7	20990.4	19966.9	18594.6	17462.5
2.5°	22580.0	22488.5	22425.6	22277.0	22214.1	21951.0	21527.9	20818.9	19846.9	18537.5	17439.6
0°	22419.9	22500.0	22357.0	22208.4	22179.8	21968.2	21608.0	20967.6	20127.0	18697.6	17634.0
-2.5°	22454.2	22391.3	22294.1	22139.7	21991.1	21688.0	21362.1	20761.7	19858.3	18348.8	17359.6
-5°	22454.2	22162.6	22174.0	22179.8	22031.1	21716.6	21322.1	20813.2	19698.2	18343.0	17279.5
-7.5°	22019.7	21768.1	21728.0	21693.7	21653.7	21362.1	21053.3	20418.6	19429.4	18194.4	17056.5
-10°	21379.3	21133.4	21156.3	21104.8	20979.0	20784.6	20550.2	19978.4	19166.4	17725.5	16604.8
-12.5°	20578.7	20470.1	20407.2	20321.4	20195.6	20024.1	19784.0	19246.5	18377.4	17148.0	16084.5
-15°	19629.6	19549.5	19492.3	19440.9	19257.9	19080.7	18766.2	18268.7	17725.5	16404.7	15318.3
-17.5°	18680.4	18480.3	18400.2	18331.6	18211.5	17925.6	17639.7	17268.1	16507.6	15461.2	14529.2
-20°	17462.5	17342.4	17245.2	17153.7	16982.2	16759.2	16524.8	16095.9	15438.3	14592.1	13625.8

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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°	16187.4	16118.8	16038.7	15924.4	15810.0	15598.5	15272.5	14860.8	14346.2	13431.4	12527.9
-25°	14872.3	14740.8	14643.6	14534.9	14443.4	14249.0	13934.5	13540.0	12893.9	12104.8	11350.0
-27.5°	13322.7	13196.9	13145.5	13019.7	12939.6	12762.4	12447.9	12081.9	11498.7	10835.4	10069.2
-30°	11573.0	11595.9	11538.7	11418.7	11321.5	11092.7	10852.6	10543.8	10086.4	9451.7	8765.6
-32.5°	9954.9	9983.5	9914.9	9789.1	9663.3	9497.4	9274.4	8994.3	8651.2	8045.1	7450.4
-35°	8336.7	8325.3	8268.1	8193.8	8108.0	7970.8	7719.2	7507.6	7113.1	6690.0	6278.3
-37.5°	6884.4	6912.9	6895.8	6855.8	6758.6	6644.2	6438.4	6244.0	5952.3	5580.7	5260.5
-40°	5735.1	5769.4	5746.5	5706.5	5620.7	5552.1	5414.9	5243.3	5008.9	4688.7	4419.9
-42.5°	4854.5	4877.4	4848.8	4814.5	4740.1	4688.7	4580.0	4437.1	4242.7	3996.8	3756.7
-45°	4156.9	4162.6	4134.0	4111.2	4054.0	3991.1	3899.6	3785.3	3630.9	3459.3	3264.9
-47.5°	3608.0	3602.3	3573.7	3550.8	3505.1	3447.9	3373.6	3270.6	3150.6	3019.1	2864.7
-50°	3127.7	3156.3	3144.8	3122.0	3087.7	3047.6	2973.3	2864.7	2744.6	2647.4	2538.8
-52.5°	2796.1	2801.8	2796.1	2796.1	2790.3	2761.7	2676.0	2567.3	2435.8	2350.1	2258.6
-55°	2487.3	2515.9	2527.3	2538.8	2544.5	2544.5	2441.5	2327.2	2201.4	2115.6	2047.0
-57.5°	2235.7	2252.9	2264.3	2292.9	2315.8	2332.9	2241.4	2138.5	2041.3	1961.2	1898.3
-60°	2018.4	2041.3	2058.4	2087.0	2104.2	2115.6	2058.4	1989.8	1932.7	1881.2	1789.7
-62.5°	1824.0	1841.2	1858.3	1875.5	1892.6	1904.1	1881.2	1846.9	1818.3	1795.4	1681.1
-65°	1629.6	1646.8	1663.9	1686.8	1703.9	1715.4	1709.7	1686.8	1663.9	1641.0	1538.1
-67.5°	1452.3	1469.5	1492.4	1498.1	1509.5	1515.2	1503.8	1486.7	1458.1	1429.5	1349.4
-70°	1263.7	1275.1	1286.5	1286.5	1286.5	1280.8	1269.4	1246.5	1217.9	1177.9	1115.0
-72.5°	1092.1	1103.6	1115.0	1097.8	1086.4	1069.2	1052.1	1023.5	994.9	966.3	932.0
-75°	932.0	937.7	937.7	914.9	897.7	880.6	857.7	840.5	811.9	789.1	760.5
-77.5°	743.3	743.3	743.3	726.2	714.7	703.3	686.1	669.0	646.1	629.0	606.1
-80°	577.5	577.5	577.5	571.8	554.6	543.2	531.8	520.3	503.2	491.7	480.3
-82.5°	440.3	440.3	440.3	434.6	423.1	417.4	406.0	394.5	388.8	377.4	371.7
-85°	320.2	325.9	325.9	320.2	314.5	303.0	297.3	291.6	285.9	280.2	268.7
-87.5°	217.3	217.3	217.3	211.6	205.8	205.8	200.1	188.7	177.3	171.5	165.8
-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
85°	17.2	17.2	17.2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	17.2
82.5°	28.6	28.6	34.3	34.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
80°	28.6	34.3	40.0	45.7	51.5	57.2	57.2	57.2	57.2	51.5	51.5
77.5°	34.3	34.3	40.0	45.7	51.5	57.2	62.9	68.6	62.9	62.9	62.9
75°	34.3	40.0	40.0	45.7	51.5	57.2	62.9	68.6	68.6	68.6	68.6
72.5°	28.6	34.3	40.0	45.7	45.7	51.5	57.2	57.2	62.9	62.9	68.6
70°	28.6	34.3	40.0	40.0	45.7	45.7	51.5	57.2	57.2	62.9	62.9
67.5°	34.3	40.0	40.0	45.7	51.5	51.5	51.5	57.2	57.2	62.9	62.9
65°	40.0	45.7	45.7	51.5	57.2	57.2	62.9	62.9	62.9	68.6	68.6
62.5°	68.6	68.6	68.6	62.9	68.6	68.6	68.6	74.3	74.3	68.6	74.3
60°	354.5	257.3	177.3	223.0	200.1	91.5	91.5	91.5	85.8	85.8	80.1
57.5°	834.8	777.6	669.0	566.1	508.9	451.7	280.2	114.4	114.4	102.9	91.5
55°	1395.2	1206.5	1126.4	989.2	840.5	771.9	640.4	434.6	205.8	137.2	120.1
52.5°	2161.4	1984.1	1778.3	1498.1	1298.0	1137.9	1029.2	817.7	548.9	291.6	183.0
50°	2893.3	2813.2	2687.4	2413.0	1995.5	1726.8	1549.6	1309.4	983.5	600.4	343.1
47.5°	4660.1	3991.1	3585.1	3373.6	3024.8	2515.9	2172.8	1904.1	1509.5	1012.1	606.1
45°	5866.6	5443.4	4797.3	4351.3	3836.7	3299.2	2853.2	2544.5	2075.6	1515.2	949.2
42.5°	6901.5	6535.6	5952.3	5300.5	4757.3	4054.0	3482.2	3076.2	2681.7	2069.9	1418.0
40°	8233.8	7799.2	7238.9	6604.2	5969.5	5071.8	4145.5	3653.7	3219.2	2676.0	1915.5
37.5°	10429.5	9663.3	8748.4	8045.1	7216.0	6455.5	5186.1	4317.0	3802.4	3236.3	2498.7
35°	13071.1	12230.6	10703.9	9771.9	8662.6	7530.5	6386.9	5100.4	4368.5	3768.1	3036.2
32.5°	15529.8	14300.5	12345.0	11252.8	10515.2	8428.2	7244.6	6129.6	4951.7	4214.1	3345.0
30°	16210.3	14855.1	13454.2	12179.1	10921.2	9234.4	7833.5	6964.4	5683.6	4482.8	3636.6
27.5°	15524.1	14592.1	13505.7	12322.1	10961.2	9514.6	8193.8	7364.7	6221.1	4665.8	3865.3
25°	14826.5	13854.5	13094.0	12104.8	10846.9	9497.4	8205.2	7616.3	6638.5	5020.3	3991.1
22.5°	14088.9	13482.8	12853.9	11750.3	10561.0	9548.9	8576.9	7833.5	6855.8	5420.6	4042.6
20°	14128.9	13734.4	13042.5	11567.3	10509.5	9852.0	9022.9	8108.0	7090.2	5769.4	4082.6
17.5°	14769.4	14254.7	13385.6	12104.8	10972.7	10160.7	9394.5	8485.4	7330.4	6078.1	4568.6
15°	15558.4	14775.1	13865.9	12739.5	11458.7	10498.1	9680.4	8748.4	7604.8	6364.0	5003.2
12.5°	16130.2	15015.2	14163.3	13145.5	11984.7	10864.0	9869.1	8948.5	7862.1	6598.5	5329.1
10°	16324.6	15312.6	14306.2	13397.1	12253.5	11058.4	10012.1	9074.3	8085.1	6781.4	5569.2
7.5°	16427.5	15569.9	14403.4	13511.4	12413.6	11178.5	10126.4	9142.9	8262.4	6907.2	5723.6
5°	16416.1	15707.1	14477.7	13545.7	12499.3	11230.0	10206.5	9160.1	8388.2	7015.9	5815.1
2.5°	16364.6	15798.6	14597.8	13602.9	12670.9	11327.2	10360.8	9194.4	8433.9	7135.9	5878.0
0°	16553.3	15804.3	14723.6	13620.1	12785.2	11361.5	10429.5	9165.8	8371.0	7170.3	5872.3
-2.5°	16147.4	15466.9	14695.0	13471.4	12630.9	11281.4	10303.7	9074.3	8233.8	7130.2	5849.4
-5°	16078.8	15221.1	14454.9	13334.2	12373.6	11115.6	10069.2	8902.8	8016.5	6998.7	5757.9
-7.5°	15895.8	14986.6	14220.4	13225.5	12133.4	10944.1	9846.2	8725.5	7782.1	6792.9	5626.4
-10°	15495.5	14626.4	13968.8	12991.1	11841.8	10698.2	9577.5	8491.1	7507.6	6512.7	5420.6
-12.5°	14923.7	14054.6	13402.8	12493.6	11475.8	10366.6	9257.3	8188.0	7193.1	6215.4	5174.7
-15°	14277.6	13397.1	12745.2	11916.1	10932.6	9852.0	8851.3	7804.9	6832.9	5900.9	4883.1
-17.5°	13545.7	12710.9	12081.9	11275.7	10298.0	9268.7	8273.8	7324.6	6415.5	5575.0	4545.7
-20°	12699.5	11887.5	11310.0	10503.8	9606.1	8605.5	7639.1	6741.4	5923.8	5134.7	4174.1

REPORT NUMBER: P722473

CATALOG NUMBER: IFLD-L-SA7B-735-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°	11653.1	10938.4	10280.8	9560.3	8777.0	7862.1	6964.4	6169.6	5386.3	4614.4	3791.0
-25°	10583.8	9892.0	9251.6	8594.0	7845.0	7055.9	6289.7	5569.2	4803.0	4105.5	3419.3
-27.5°	9394.5	8777.0	8205.2	7599.1	6912.9	6232.5	5603.5	4900.2	4237.0	3642.3	3053.4
-30°	8125.1	7622.0	7124.5	6587.0	6032.4	5460.6	4900.2	4237.0	3716.6	3242.1	2744.6
-32.5°	6907.2	6455.5	6055.3	5655.0	5174.7	4705.8	4208.4	3716.6	3282.1	2864.7	2447.3
-35°	5838.0	5357.7	5134.7	4814.5	4431.4	4008.3	3602.3	3259.2	2910.4	2533.0	2161.4
-37.5°	4911.7	4602.9	4339.9	4099.7	3796.7	3430.7	3139.1	2859.0	2567.3	2224.3	1904.1
-40°	4185.5	3962.5	3699.5	3522.2	3276.4	3013.3	2721.7	2487.3	2241.4	1961.2	1698.2
-42.5°	3602.3	3419.3	3247.8	3059.1	2876.1	2653.1	2401.5	2178.5	1955.5	1749.7	1532.4
-45°	3122.0	2990.5	2853.2	2698.9	2538.8	2344.3	2138.5	1909.8	1749.7	1566.7	1383.7
-47.5°	2727.4	2630.2	2515.9	2395.8	2258.6	2087.0	1898.3	1732.5	1566.7	1412.3	1235.1
-50°	2413.0	2321.5	2230.0	2127.1	2007.0	1858.3	1715.4	1561.0	1406.6	1257.9	1092.1
-52.5°	2149.9	2069.9	1995.5	1909.8	1795.4	1669.6	1538.1	1400.9	1257.9	1109.3	977.8
-55°	1967.0	1875.5	1801.1	1715.4	1612.4	1492.4	1372.3	1246.5	1109.3	994.9	886.3
-57.5°	1818.3	1715.4	1629.6	1538.1	1435.2	1332.3	1223.6	1109.3	1006.4	897.7	794.8
-60°	1692.5	1572.4	1475.2	1383.7	1286.5	1189.3	1097.8	1000.6	903.4	806.2	703.3
-62.5°	1561.0	1435.2	1315.1	1229.4	1155.0	1069.2	989.2	897.7	811.9	714.7	640.4
-65°	1412.3	1292.2	1177.9	1103.6	1034.9	960.6	886.3	806.2	731.9	657.6	588.9
-67.5°	1246.5	1143.6	1063.5	994.9	926.3	863.4	794.8	726.2	663.3	588.9	520.3
-70°	1046.4	989.2	943.5	892.0	829.1	771.9	709.0	646.1	577.5	514.6	451.7
-72.5°	892.0	857.7	823.4	771.9	714.7	663.3	611.8	554.6	497.5	440.3	388.8
-75°	731.9	703.3	674.7	640.4	594.7	554.6	508.9	457.4	411.7	371.7	331.6
-77.5°	588.9	566.1	548.9	520.3	486.0	451.7	423.1	388.8	354.5	314.5	274.5
-80°	468.9	457.4	451.7	440.3	411.7	383.1	360.2	331.6	297.3	268.7	240.2
-82.5°	365.9	365.9	360.2	354.5	331.6	308.8	291.6	268.7	245.9	223.0	194.4
-85°	268.7	263.0	263.0	257.3	240.2	228.7	211.6	200.1	183.0	160.1	148.7
-87.5°	160.1	154.4	148.7	142.9	131.5	125.8	114.4	108.6	97.2	85.8	80.1
-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-SA7B-735-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°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	0.0	0.0
85°	17.2	11.4	11.4	11.4	11.4	11.4	5.7	5.7	5.7	5.7	5.7
82.5°	34.3	34.3	28.6	28.6	22.9	17.2	11.4	11.4	11.4	5.7	5.7
80°	51.5	51.5	51.5	45.7	40.0	28.6	22.9	17.2	11.4	5.7	5.7
77.5°	62.9	57.2	57.2	51.5	51.5	45.7	34.3	28.6	17.2	11.4	5.7
75°	62.9	62.9	62.9	57.2	57.2	51.5	45.7	34.3	28.6	17.2	11.4
72.5°	68.6	62.9	62.9	62.9	57.2	51.5	45.7	40.0	34.3	22.9	11.4
70°	62.9	62.9	62.9	62.9	57.2	57.2	45.7	40.0	40.0	22.9	17.2
67.5°	62.9	62.9	62.9	57.2	57.2	51.5	45.7	40.0	40.0	28.6	17.2
65°	68.6	62.9	62.9	62.9	57.2	51.5	45.7	40.0	40.0	34.3	22.9
62.5°	74.3	68.6	68.6	62.9	57.2	51.5	45.7	40.0	40.0	34.3	22.9
60°	80.1	74.3	68.6	68.6	62.9	57.2	45.7	45.7	40.0	34.3	22.9
57.5°	85.8	80.1	80.1	74.3	68.6	62.9	51.5	45.7	40.0	34.3	28.6
55°	102.9	91.5	85.8	85.8	80.1	68.6	57.2	45.7	40.0	34.3	28.6
52.5°	137.2	108.6	97.2	97.2	91.5	80.1	62.9	51.5	40.0	34.3	28.6
50°	217.3	137.2	114.4	102.9	102.9	91.5	74.3	57.2	40.0	34.3	28.6
47.5°	343.1	228.7	137.2	120.1	114.4	108.6	85.8	57.2	45.7	34.3	28.6
45°	566.1	337.4	223.0	142.9	120.1	114.4	97.2	62.9	45.7	40.0	28.6
42.5°	777.6	526.0	343.1	171.5	142.9	125.8	102.9	68.6	51.5	40.0	28.6
40°	1223.6	720.5	480.3	280.2	165.8	131.5	114.4	80.1	51.5	40.0	28.6
37.5°	1658.2	954.9	646.1	411.7	188.7	148.7	120.1	85.8	57.2	40.0	34.3
35°	2092.8	1338.0	800.5	548.9	251.6	177.3	125.8	91.5	57.2	40.0	34.3
32.5°	2481.6	1698.2	960.6	686.1	377.4	211.6	137.2	97.2	62.9	45.7	34.3
30°	2801.8	2029.9	1246.5	806.2	491.7	257.3	148.7	97.2	68.6	45.7	34.3
27.5°	3041.9	2287.2	1538.1	932.0	588.9	303.0	171.5	108.6	68.6	45.7	34.3
25°	3236.3	2487.3	1795.4	1063.5	674.7	377.4	205.8	114.4	74.3	51.5	34.3
22.5°	3390.7	2653.1	2007.0	1240.8	777.6	451.7	251.6	125.8	74.3	51.5	34.3
20°	3602.3	2818.9	2149.9	1429.5	886.3	520.3	291.6	137.2	74.3	51.5	40.0
17.5°	3785.3	2984.7	2264.3	1589.6	994.9	571.8	337.4	148.7	80.1	51.5	40.0
15°	3996.8	3144.8	2367.2	1715.4	1097.8	617.5	377.4	160.1	80.1	57.2	40.0
12.5°	4225.5	3293.5	2441.5	1818.3	1206.5	657.6	411.7	183.0	85.8	57.2	40.0
10°	4460.0	3419.3	2504.4	1892.6	1286.5	697.6	434.6	205.8	91.5	57.2	40.0
7.5°	4694.4	3533.7	2584.5	1926.9	1320.8	743.3	446.0	228.7	91.5	62.9	40.0
5°	4854.5	3608.0	2698.9	1949.8	1338.0	794.8	463.2	257.3	97.2	62.9	40.0
2.5°	4991.7	3653.7	2818.9	1967.0	1343.7	823.4	457.4	274.5	102.9	62.9	40.0
0°	5054.6	3653.7	2899.0	1955.5	1326.6	852.0	457.4	291.6	102.9	62.9	40.0
-2.5°	4957.4	3756.7	2876.1	1961.2	1332.3	852.0	480.3	297.3	114.4	68.6	40.0
-5°	4803.0	3796.7	2807.5	1932.7	1320.8	852.0	508.9	303.0	120.1	68.6	45.7
-7.5°	4654.4	3813.8	2727.4	1904.1	1303.7	829.1	514.6	297.3	131.5	74.3	45.7
-10°	4460.0	3625.2	2624.5	1852.6	1269.4	811.9	526.0	297.3	137.2	74.3	45.7
-12.5°	4237.0	3396.4	2498.7	1778.3	1229.4	794.8	531.8	297.3	142.9	80.1	45.7
-15°	3979.7	3162.0	2355.8	1698.2	1172.2	771.9	520.3	291.6	148.7	80.1	51.5
-17.5°	3688.1	2933.3	2207.1	1601.0	1109.3	743.3	497.5	285.9	148.7	80.1	51.5
-20°	3356.4	2704.6	2041.3	1503.8	1034.9	709.0	474.6	274.5	148.7	80.1	51.5



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CATALOG NUMBER: IFLD-L-SA7B-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3059.1	2493.0	1869.8	1395.2	954.9	669.0	446.0	263.0	148.7	85.8	51.5
-25°	2813.2	2287.2	1738.2	1286.5	869.1	623.3	417.4	251.6	148.7	85.8	51.5
-27.5°	2555.9	2064.2	1601.0	1183.6	811.9	583.2	388.8	240.2	142.9	85.8	51.5
-30°	2292.9	1846.9	1458.1	1069.2	754.8	543.2	365.9	223.0	142.9	85.8	51.5
-32.5°	2052.7	1669.6	1326.6	954.9	691.9	503.2	343.1	217.3	137.2	85.8	51.5
-35°	1818.3	1509.5	1189.3	863.4	623.3	463.2	320.2	211.6	137.2	85.8	51.5
-37.5°	1623.9	1360.9	1063.5	800.5	583.2	428.8	297.3	200.1	131.5	85.8	51.5
-40°	1463.8	1223.6	943.5	731.9	548.9	394.5	274.5	194.4	131.5	85.8	51.5
-42.5°	1315.1	1092.1	869.1	674.7	514.6	371.7	257.3	188.7	125.8	85.8	51.5
-45°	1183.6	977.8	794.8	623.3	474.6	343.1	245.9	177.3	120.1	85.8	57.2
-47.5°	1052.1	897.7	726.2	577.5	434.6	308.8	234.4	171.5	114.4	80.1	57.2
-50°	949.2	811.9	669.0	526.0	394.5	297.3	223.0	160.1	114.4	80.1	57.2
-52.5°	857.7	731.9	606.1	474.6	360.2	280.2	211.6	148.7	108.6	80.1	57.2
-55°	771.9	657.6	543.2	423.1	337.4	263.0	194.4	137.2	108.6	80.1	57.2
-57.5°	686.1	588.9	480.3	383.1	308.8	245.9	183.0	137.2	108.6	80.1	57.2
-60°	617.5	526.0	434.6	354.5	285.9	223.0	165.8	131.5	102.9	80.1	57.2
-62.5°	560.4	474.6	394.5	320.2	263.0	200.1	160.1	131.5	102.9	80.1	51.5
-65°	503.2	428.8	354.5	291.6	234.4	188.7	154.4	125.8	102.9	80.1	51.5
-67.5°	446.0	377.4	320.2	257.3	217.3	183.0	148.7	125.8	97.2	74.3	51.5
-70°	388.8	331.6	280.2	240.2	205.8	171.5	142.9	120.1	97.2	68.6	45.7
-72.5°	343.1	291.6	251.6	223.0	194.4	165.8	137.2	114.4	91.5	62.9	40.0
-75°	291.6	257.3	228.7	200.1	177.3	154.4	131.5	102.9	80.1	57.2	40.0
-77.5°	245.9	223.0	200.1	183.0	160.1	137.2	114.4	91.5	74.3	51.5	34.3
-80°	211.6	194.4	177.3	160.1	142.9	120.1	102.9	80.1	62.9	45.7	28.6
-82.5°	171.5	160.1	142.9	131.5	120.1	102.9	85.8	68.6	45.7	34.3	22.9
-85°	131.5	120.1	114.4	102.9	91.5	74.3	57.2	45.7	34.3	22.9	11.4
-87.5°	68.6	62.9	57.2	51.5	45.7	34.3	28.6	22.9	17.2	11.4	5.7
-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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CATALOG NUMBER: IFLD-L-SA7B-735-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°	5.7	0.0	0.0	0.0
77.5°	5.7	0.0	0.0	0.0
75°	5.7	5.7	0.0	0.0
72.5°	5.7	5.7	0.0	0.0
70°	5.7	5.7	0.0	0.0
67.5°	11.4	5.7	0.0	0.0
65°	11.4	5.7	0.0	0.0
62.5°	11.4	5.7	0.0	0.0
60°	11.4	5.7	0.0	0.0
57.5°	17.2	5.7	5.7	0.0
55°	17.2	5.7	5.7	0.0
52.5°	17.2	5.7	5.7	0.0
50°	17.2	11.4	5.7	0.0
47.5°	17.2	11.4	5.7	0.0
45°	17.2	11.4	5.7	0.0
42.5°	17.2	11.4	5.7	0.0
40°	22.9	11.4	5.7	0.0
37.5°	22.9	11.4	5.7	0.0
35°	22.9	11.4	5.7	0.0
32.5°	22.9	11.4	5.7	0.0
30°	22.9	11.4	5.7	0.0
27.5°	22.9	17.2	5.7	0.0
25°	22.9	17.2	5.7	0.0
22.5°	28.6	17.2	5.7	0.0
20°	28.6	17.2	5.7	0.0
17.5°	28.6	17.2	5.7	0.0
15°	28.6	17.2	5.7	0.0
12.5°	28.6	17.2	5.7	0.0
10°	28.6	17.2	5.7	0.0
7.5°	28.6	17.2	5.7	0.0
5°	28.6	17.2	5.7	0.0
2.5°	28.6	17.2	5.7	0.0
0°	28.6	17.2	5.7	0.0
-2.5°	28.6	17.2	5.7	0.0
-5°	28.6	17.2	5.7	0.0
-7.5°	28.6	17.2	5.7	0.0
-10°	28.6	17.2	5.7	0.0
-12.5°	34.3	17.2	5.7	0.0
-15°	34.3	17.2	5.7	0.0
-17.5°	34.3	17.2	5.7	0.0
-20°	34.3	17.2	5.7	0.0



REPORT NUMBER: P722473

CATALOG NUMBER: IFLD-L-SA7B-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	34.3	17.2	5.7	0.0
-25°	34.3	17.2	5.7	0.0
-27.5°	34.3	17.2	5.7	0.0
-30°	34.3	17.2	5.7	0.0
-32.5°	34.3	17.2	5.7	0.0
-35°	34.3	17.2	5.7	0.0
-37.5°	34.3	17.2	5.7	0.0
-40°	34.3	17.2	5.7	0.0
-42.5°	28.6	17.2	5.7	0.0
-45°	34.3	17.2	5.7	0.0
-47.5°	34.3	17.2	5.7	0.0
-50°	34.3	17.2	5.7	0.0
-52.5°	34.3	17.2	5.7	0.0
-55°	34.3	17.2	5.7	0.0
-57.5°	34.3	17.2	5.7	0.0
-60°	34.3	17.2	5.7	0.0
-62.5°	28.6	17.2	5.7	0.0
-65°	28.6	11.4	5.7	0.0
-67.5°	28.6	11.4	5.7	0.0
-70°	28.6	11.4	5.7	0.0
-72.5°	22.9	11.4	5.7	0.0
-75°	22.9	11.4	5.7	0.0
-77.5°	17.2	5.7	0.0	0.0
-80°	17.2	5.7	0.0	0.0
-82.5°	11.4	5.7	0.0	0.0
-85°	5.7	5.7	0.0	0.0
-87.5°	5.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)