

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: P722459

Luminaire Tested: **IFLD-S-SA3C-735-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722459
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-735-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21362.4 lumens	Max Intensity:	14913.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	13628.3 lumens	Field Lumens:	20140 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

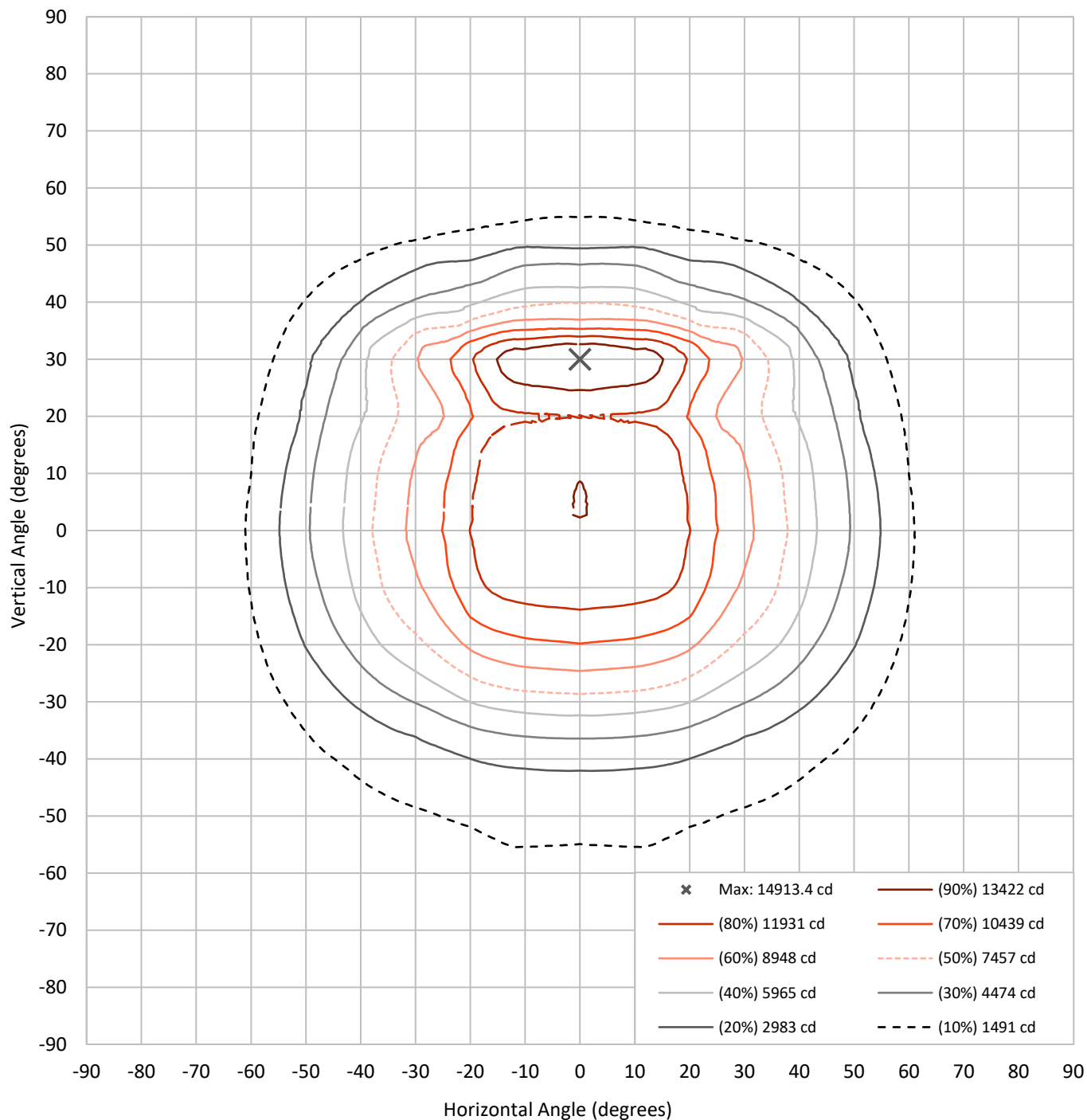
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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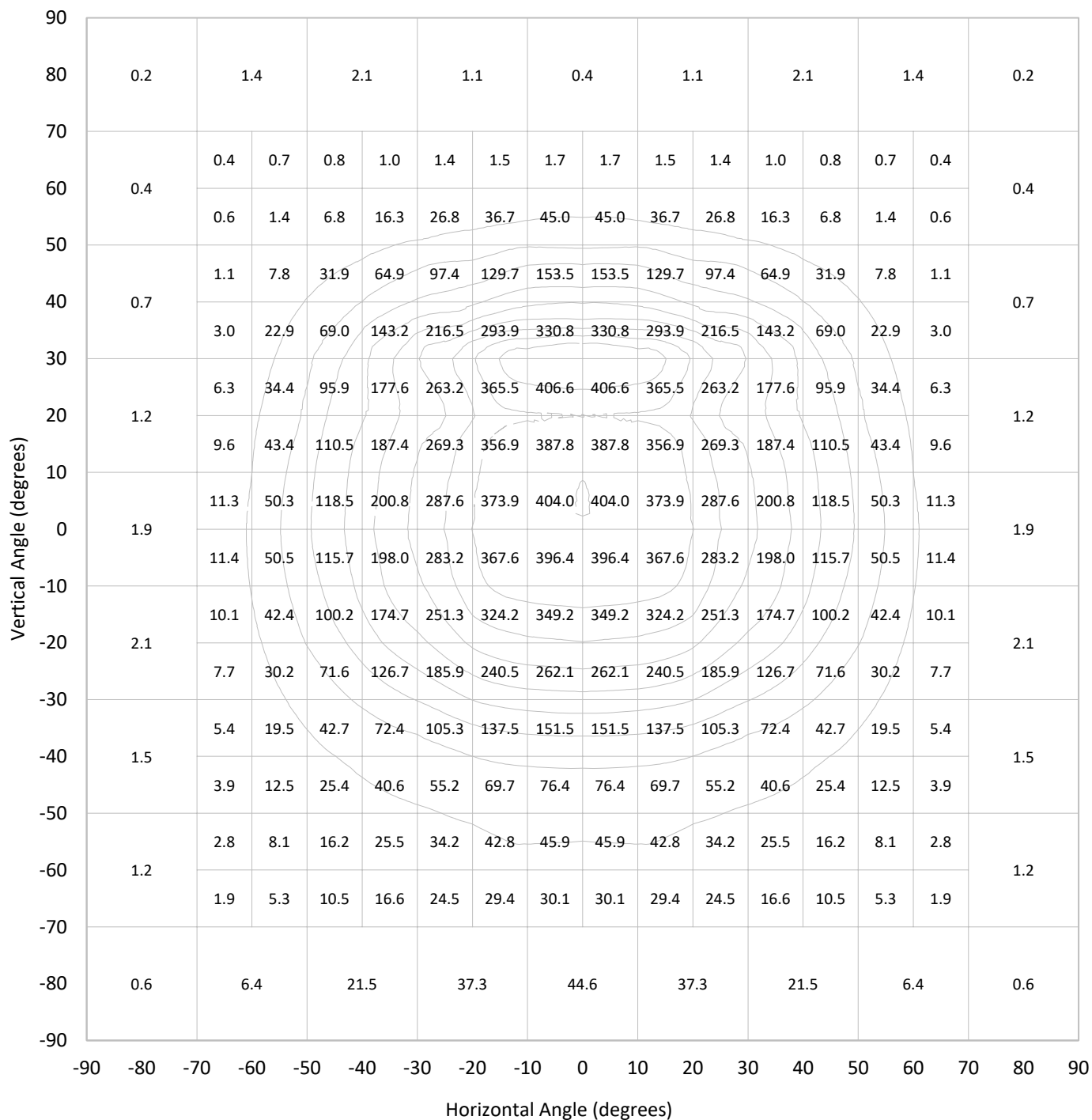
Iso-Candela Plot



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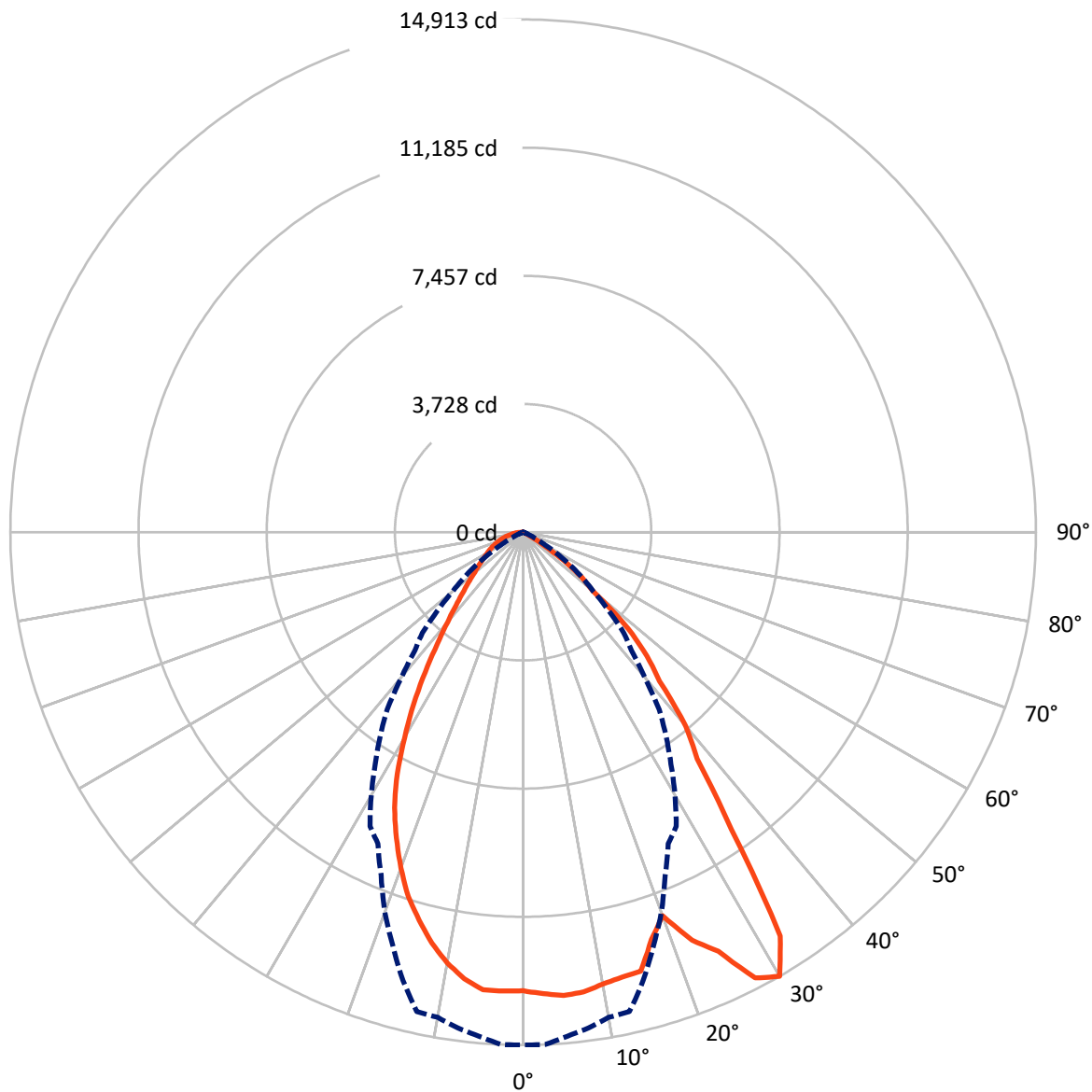
Lumen Table



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Luminous Intensity Polar Plot



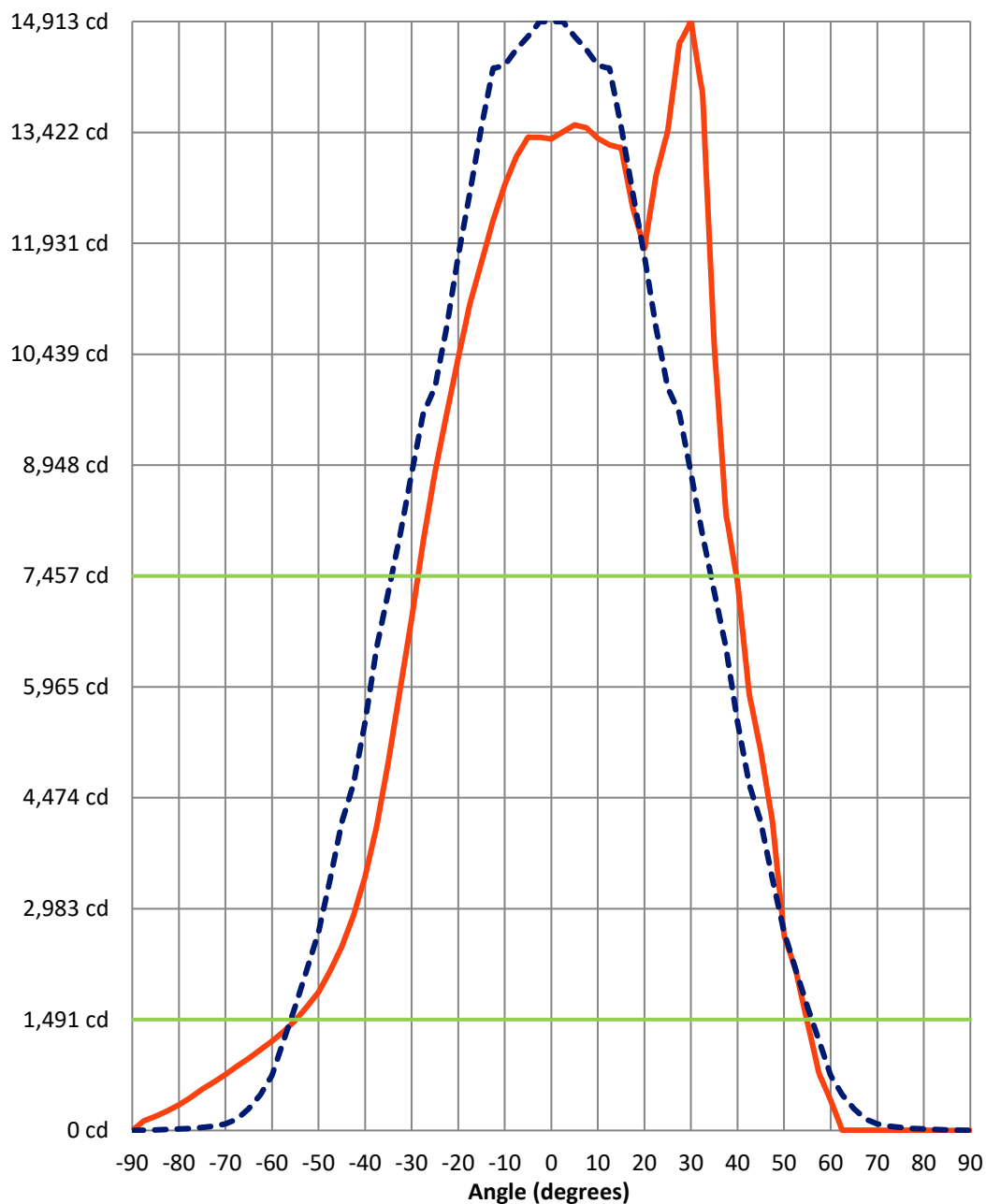
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 13628.3

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20140

Efficiency: 94.3%

Spill:

Lumens: 1222.4

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	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8	6.8	10.2
82.5°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	10.2	10.2	13.6
80°	3.4	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.6	13.6
77.5°	3.4	3.4	3.4	6.8	6.8	6.8	10.2	10.2	13.6	13.6	17.0
75°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.6	13.6	17.0
72.5°	0.0	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.6	13.6	13.6
70°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	10.2	13.6	13.6	13.6
67.5°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.6	13.6	13.6	17.0
65°	3.4	3.4	3.4	6.8	10.2	10.2	13.6	17.0	17.0	20.4	23.8
62.5°	3.4	6.8	6.8	10.2	13.6	17.0	37.4	57.8	57.8	40.8	34.0
60°	404.7	438.7	435.3	394.5	343.5	289.1	278.9	268.7	248.3	217.7	227.9
57.5°	768.6	809.4	826.4	816.2	789.0	741.4	714.2	683.6	642.8	595.2	540.8
55°	1455.6	1472.6	1435.2	1363.8	1285.6	1207.4	1180.1	1139.3	1078.1	1016.9	935.3
52.5°	2152.8	2210.6	2193.6	2122.2	2016.8	1877.4	1724.3	1605.3	1533.8	1465.8	1384.2
50°	2629.0	2652.8	2700.4	2785.4	2816.0	2720.8	2472.5	2152.8	1925.0	2040.6	1952.2
47.5°	4149.2	4268.3	4244.4	4183.2	4081.2	3822.7	3475.8	3190.1	2952.1	2873.8	2887.4
45°	5098.1	5145.7	5128.7	5101.5	5053.9	4812.4	4428.1	3989.4	3768.3	3679.9	3588.1
42.5°	5876.9	5927.9	5938.1	5941.5	5890.5	5669.5	5322.6	4883.8	4662.8	4407.7	4207.0
40°	7363.2	7438.0	7353.0	7240.7	7070.7	6819.0	6478.9	6074.2	5683.1	5370.2	5132.1
37.5°	8312.0	8403.9	8437.9	8431.1	8393.7	8284.8	7866.5	7482.2	6883.6	6183.0	6308.8
35°	10563.5	10658.7	10631.5	10529.5	10475.1	10359.4	9951.3	9495.6	8744.0	7982.1	7778.1
32.5°	13920.3	14127.7	13740.0	13314.9	13053.0	13144.9	12729.9	11614.4	11267.5	9893.5	9257.5
30°	14913.4	14910.0	14712.7	14539.3	14325.0	14280.8	13498.6	12607.5	11757.2	10794.8	9992.1
27.5°	14610.7	14549.5	14382.8	14257.0	14056.3	13950.9	13185.7	12478.3	11495.4	10634.9	9859.5
25°	13444.1	13491.8	13321.7	13297.9	13219.7	13015.6	12634.7	11838.9	10961.4	10009.1	9451.4
22.5°	12842.2	12825.2	12621.1	12502.1	12597.3	12379.6	12226.6	11423.9	10509.1	9706.4	9036.4
20°	11862.7	11866.1	11815.1	11804.9	11747.0	11648.4	11526.0	10958.0	10311.8	9624.8	8818.8
17.5°	12410.2	12549.7	12610.9	12104.1	12247.0	12134.8	12005.5	11213.1	10726.7	10118.0	9067.1
15°	13212.9	13161.9	13100.6	13073.4	12995.2	12889.8	12655.1	12022.5	11185.9	10556.7	9737.1
12.5°	13253.7	13155.1	13131.3	13127.8	13046.2	12900.0	12672.1	12148.4	11406.9	10641.7	9975.1
10°	13342.1	13240.1	13226.5	13243.5	13117.6	13025.8	12798.0	12311.6	11475.0	10788.0	10158.8
7.5°	13485.0	13314.9	13393.1	13342.1	13284.3	13138.1	12893.2	12417.0	11723.2	10981.8	10322.0
5°	13522.4	13335.3	13420.3	13372.7	13287.7	13144.9	12879.6	12485.1	11876.3	11060.0	10386.6
2.5°	13430.5	13376.1	13338.7	13250.3	13212.9	13056.4	12804.8	12383.0	11804.9	11026.0	10373.0
0°	13335.3	13382.9	13297.9	13209.5	13192.5	13066.6	12852.4	12471.5	11971.5	11121.3	10488.7
-2.5°	13355.7	13318.3	13260.5	13168.7	13080.2	12900.0	12706.1	12349.0	11811.7	10913.8	10325.4
-5°	13355.7	13182.3	13189.1	13192.5	13104.0	12917.0	12682.3	12379.6	11716.4	10910.4	10277.8
-7.5°	13097.2	12947.6	12923.8	12903.4	12879.6	12706.1	12522.5	12145.0	11556.6	10822.0	10145.2
-10°	12716.3	12570.1	12583.7	12553.1	12478.3	12362.6	12223.2	11883.1	11400.1	10543.1	9876.5
-12.5°	12240.2	12175.6	12138.2	12087.1	12012.3	11910.3	11767.5	11447.8	10930.8	10199.6	9567.0
-15°	11675.6	11628.0	11594.0	11563.4	11454.6	11349.1	11162.1	10866.2	10543.1	9757.5	9111.3
-17.5°	11111.1	10992.0	10944.4	10903.6	10832.2	10662.1	10492.1	10271.0	9818.7	9196.3	8641.9
-20°	10386.6	10315.2	10257.4	10203.0	10101.0	9968.3	9828.9	9573.8	9182.7	8679.3	8104.6

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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°	9628.2	9587.4	9539.8	9471.8	9403.8	9277.9	9084.1	8839.2	8533.1	7988.9	7451.6
-25°	8846.0	8767.8	8710.0	8645.3	8590.9	8475.3	8288.2	8053.6	7669.2	7199.9	6751.0
-27.5°	7924.3	7849.5	7818.9	7744.1	7696.5	7591.0	7404.0	7186.3	6839.4	6444.9	5989.2
-30°	6883.6	6897.2	6863.2	6791.8	6734.0	6597.9	6455.1	6271.4	5999.4	5621.8	5213.7
-32.5°	5921.1	5938.1	5897.3	5822.5	5747.7	5649.1	5516.4	5349.8	5145.7	4785.2	4431.5
-35°	4958.7	4951.9	4917.8	4873.6	4822.6	4741.0	4591.3	4465.5	4230.8	3979.2	3734.3
-37.5°	4094.8	4111.8	4101.6	4077.8	4020.0	3952.0	3829.5	3713.9	3540.4	3319.4	3128.9
-40°	3411.2	3431.6	3418.0	3394.2	3343.2	3302.4	3220.7	3118.7	2979.3	2788.8	2629.0
-42.5°	2887.4	2901.1	2884.0	2863.6	2819.4	2788.8	2724.2	2639.2	2523.5	2377.3	2234.5
-45°	2472.5	2475.9	2458.9	2445.3	2411.3	2373.9	2319.5	2251.5	2159.6	2057.6	1942.0
-47.5°	2146.0	2142.6	2125.6	2112.0	2084.8	2050.8	2006.6	1945.4	1873.9	1795.7	1703.9
-50°	1860.3	1877.4	1870.5	1856.9	1836.5	1812.7	1768.5	1703.9	1632.5	1574.7	1510.0
-52.5°	1663.1	1666.5	1663.1	1663.1	1659.7	1642.7	1591.7	1527.0	1448.8	1397.8	1343.4
-55°	1479.4	1496.4	1503.2	1510.0	1513.4	1513.4	1452.2	1384.2	1309.4	1258.4	1217.6
-57.5°	1329.8	1340.0	1346.8	1363.8	1377.4	1387.6	1333.2	1272.0	1214.2	1166.5	1129.1
-60°	1200.6	1214.2	1224.4	1241.4	1251.6	1258.4	1224.4	1183.5	1149.5	1118.9	1064.5
-62.5°	1084.9	1095.1	1105.3	1115.5	1125.7	1132.5	1118.9	1098.5	1081.5	1067.9	999.9
-65°	969.3	979.5	989.7	1003.3	1013.5	1020.3	1016.9	1003.3	989.7	976.1	914.9
-67.5°	863.9	874.1	887.7	891.1	897.9	901.3	894.5	884.3	867.3	850.2	802.6
-70°	751.6	758.4	765.2	765.2	765.2	761.8	755.0	741.4	724.4	700.6	663.2
-72.5°	649.6	656.4	663.2	653.0	646.2	636.0	625.8	608.8	591.8	574.8	554.4
-75°	554.4	557.8	557.8	544.2	534.0	523.8	510.1	499.9	482.9	469.3	452.3
-77.5°	442.1	442.1	442.1	431.9	425.1	418.3	408.1	397.9	384.3	374.1	360.5
-80°	343.5	343.5	343.5	340.1	329.9	323.1	316.3	309.5	299.3	292.5	285.7
-82.5°	261.9	261.9	261.9	258.5	251.7	248.3	241.5	234.7	231.3	224.5	221.1
-85°	190.5	193.9	193.9	190.5	187.1	180.3	176.9	173.5	170.0	166.6	159.8
-87.5°	129.2	129.2	129.2	125.8	122.4	122.4	119.0	112.2	105.4	102.0	98.6
-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	10.2	10.2	10.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	10.2
82.5°	17.0	17.0	20.4	20.4	23.8	23.8	23.8	23.8	23.8	23.8	23.8
80°	17.0	20.4	23.8	27.2	30.6	34.0	34.0	34.0	34.0	30.6	30.6
77.5°	20.4	20.4	23.8	27.2	30.6	34.0	37.4	40.8	37.4	37.4	37.4
75°	20.4	23.8	23.8	27.2	30.6	34.0	37.4	40.8	40.8	40.8	40.8
72.5°	17.0	20.4	23.8	27.2	27.2	30.6	34.0	34.0	37.4	37.4	40.8
70°	17.0	20.4	23.8	23.8	27.2	27.2	30.6	34.0	34.0	37.4	37.4
67.5°	20.4	23.8	23.8	27.2	30.6	30.6	30.6	34.0	34.0	37.4	37.4
65°	23.8	27.2	27.2	30.6	34.0	34.0	37.4	37.4	37.4	40.8	40.8
62.5°	40.8	40.8	40.8	37.4	40.8	40.8	40.8	44.2	44.2	40.8	44.2
60°	210.9	153.0	105.4	132.6	119.0	54.4	54.4	54.4	51.0	51.0	47.6
57.5°	496.5	462.5	397.9	336.7	302.7	268.7	166.6	68.0	68.0	61.2	54.4
55°	829.8	717.6	670.0	588.4	499.9	459.1	380.9	258.5	122.4	81.6	71.4
52.5°	1285.6	1180.1	1057.7	891.1	772.0	676.8	612.2	486.3	326.5	173.5	108.8
50°	1720.9	1673.3	1598.5	1435.2	1186.9	1027.1	921.7	778.8	585.0	357.1	204.1
47.5°	2771.8	2373.9	2132.4	2006.6	1799.1	1496.4	1292.4	1132.5	897.9	602.0	360.5
45°	3489.4	3237.7	2853.4	2588.2	2282.1	1962.4	1697.1	1513.4	1234.6	901.3	564.6
42.5°	4105.0	3887.3	3540.4	3152.7	2829.6	2411.3	2071.2	1829.7	1595.1	1231.2	843.4
40°	4897.4	4639.0	4305.7	3928.2	3550.6	3016.7	2465.7	2173.2	1914.8	1591.7	1139.3
37.5°	6203.4	5747.7	5203.5	4785.2	4292.1	3839.7	3084.7	2567.8	2261.7	1925.0	1486.2
35°	7774.7	7274.7	6366.7	5812.3	5152.5	4479.1	3798.9	3033.7	2598.4	2241.3	1805.9
32.5°	9237.1	8505.9	7342.8	6693.2	6254.4	5013.1	4309.1	3645.9	2945.3	2506.5	1989.6
30°	9641.8	8835.8	8002.5	7244.1	6495.9	5492.6	4659.4	4142.4	3380.6	2666.4	2163.0
27.5°	9233.7	8679.3	8033.2	7329.1	6519.7	5659.3	4873.6	4380.5	3700.3	2775.2	2299.1
25°	8818.8	8240.6	7788.3	7199.9	6451.7	5649.1	4880.4	4530.1	3948.6	2986.1	2373.9
22.5°	8380.1	8019.6	7645.4	6989.0	6281.6	5679.7	5101.5	4659.4	4077.8	3224.1	2404.5
20°	8403.9	8169.2	7757.7	6880.2	6251.0	5859.9	5366.8	4822.6	4217.2	3431.6	2428.3
17.5°	8784.8	8478.7	7961.7	7199.9	6526.5	6043.6	5587.8	5047.1	4360.1	3615.3	2717.4
15°	9254.1	8788.2	8247.4	7577.4	6815.6	6244.2	5757.9	5203.5	4523.3	3785.3	2975.9
12.5°	9594.2	8931.0	8424.3	7818.9	7128.5	6461.9	5870.1	5322.6	4676.4	3924.8	3169.7
10°	9709.8	9107.9	8509.3	7968.5	7288.3	6577.5	5955.1	5397.4	4809.0	4033.6	3312.6
7.5°	9771.1	9260.9	8567.1	8036.6	7383.6	6648.9	6023.2	5438.2	4914.4	4108.4	3404.4
5°	9764.3	9342.5	8611.3	8057.0	7434.6	6679.6	6070.8	5448.4	4989.3	4173.0	3458.8
2.5°	9733.7	9397.0	8682.7	8091.0	7536.6	6737.4	6162.6	5468.8	5016.5	4244.4	3496.2
0°	9845.9	9400.4	8757.6	8101.2	7604.6	6757.8	6203.4	5451.8	4979.1	4264.9	3492.8
-2.5°	9604.4	9199.7	8740.6	8012.7	7512.8	6710.2	6128.6	5397.4	4897.4	4241.0	3479.2
-5°	9563.6	9053.5	8597.7	7931.1	7359.8	6611.5	5989.2	5295.4	4768.2	4162.8	3424.8
-7.5°	9454.8	8914.0	8458.3	7866.5	7216.9	6509.5	5856.5	5189.9	4628.8	4040.4	3346.6
-10°	9216.7	8699.8	8308.6	7727.1	7043.5	6363.3	5696.7	5050.5	4465.5	3873.7	3224.1
-12.5°	8876.6	8359.7	7971.9	7431.2	6825.8	6166.0	5506.2	4870.2	4278.5	3696.9	3077.9
-15°	8492.3	7968.5	7580.8	7087.7	6502.7	5859.9	5264.7	4642.4	4064.2	3509.8	2904.5
-17.5°	8057.0	7560.4	7186.3	6706.8	6125.2	5513.0	4921.2	4356.7	3815.9	3316.0	2703.8
-20°	7553.6	7070.7	6727.2	6247.6	5713.7	5118.5	4543.7	4009.8	3523.4	3054.1	2482.7

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CATALOG NUMBER: IFLD-S-SA3C-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°	6931.2	6506.1	6115.0	5686.5	5220.5	4676.4	4142.4	3669.7	3203.7	2744.6	2254.9
-25°	6295.2	5883.7	5502.8	5111.7	4666.2	4196.8	3741.1	3312.6	2856.8	2441.9	2033.8
-27.5°	5587.8	5220.5	4880.4	4519.9	4111.8	3707.1	3333.0	2914.7	2520.1	2166.4	1816.1
-30°	4832.8	4533.5	4237.6	3917.9	3588.1	3248.0	2914.7	2520.1	2210.6	1928.4	1632.5
-32.5°	4108.4	3839.7	3601.7	3363.6	3077.9	2799.0	2503.1	2210.6	1952.2	1703.9	1455.6
-35°	3472.4	3186.7	3054.1	2863.6	2635.8	2384.1	2142.6	1938.6	1731.1	1506.6	1285.6
-37.5°	2921.5	2737.8	2581.4	2438.5	2258.3	2040.6	1867.1	1700.5	1527.0	1323.0	1132.5
-40°	2489.5	2356.9	2200.4	2095.0	1948.8	1792.3	1618.9	1479.4	1333.2	1166.5	1010.1
-42.5°	2142.6	2033.8	1931.8	1819.5	1710.7	1578.1	1428.4	1295.8	1163.1	1040.7	911.5
-45°	1856.9	1778.7	1697.1	1605.3	1510.0	1394.4	1272.0	1135.9	1040.7	931.9	823.0
-47.5°	1622.3	1564.5	1496.4	1425.0	1343.4	1241.4	1129.1	1030.5	931.9	840.0	734.6
-50°	1435.2	1380.8	1326.4	1265.2	1193.8	1105.3	1020.3	928.5	836.6	748.2	649.6
-52.5°	1278.8	1231.2	1186.9	1135.9	1067.9	993.1	914.9	833.2	748.2	659.8	581.6
-55°	1169.9	1115.5	1071.3	1020.3	959.1	887.7	816.2	741.4	659.8	591.8	527.2
-57.5°	1081.5	1020.3	969.3	914.9	853.7	792.4	727.8	659.8	598.6	534.0	472.7
-60°	1006.7	935.3	877.5	823.0	765.2	707.4	653.0	595.2	537.4	479.5	418.3
-62.5°	928.5	853.7	782.2	731.2	687.0	636.0	588.4	534.0	482.9	425.1	380.9
-65°	840.0	768.6	700.6	656.4	615.6	571.4	527.2	479.5	435.3	391.1	350.3
-67.5°	741.4	680.2	632.6	591.8	551.0	513.6	472.7	431.9	394.5	350.3	309.5
-70°	622.4	588.4	561.2	530.6	493.1	459.1	421.7	384.3	343.5	306.1	268.7
-72.5°	530.6	510.1	489.7	459.1	425.1	394.5	363.9	329.9	295.9	261.9	231.3
-75°	435.3	418.3	401.3	380.9	353.7	329.9	302.7	272.1	244.9	221.1	197.3
-77.5°	350.3	336.7	326.5	309.5	289.1	268.7	251.7	231.3	210.9	187.1	163.2
-80°	278.9	272.1	268.7	261.9	244.9	227.9	214.3	197.3	176.9	159.8	142.8
-82.5°	217.7	217.7	214.3	210.9	197.3	183.7	173.5	159.8	146.2	132.6	115.6
-85°	159.8	156.4	156.4	153.0	142.8	136.0	125.8	119.0	108.8	95.2	88.4
-87.5°	95.2	91.8	88.4	85.0	78.2	74.8	68.0	64.6	57.8	51.0	47.6
-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-S-SA3C-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°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
85°	10.2	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4
82.5°	20.4	20.4	17.0	17.0	13.6	10.2	6.8	6.8	6.8	3.4	3.4
80°	30.6	30.6	30.6	27.2	23.8	17.0	13.6	10.2	6.8	3.4	3.4
77.5°	37.4	34.0	34.0	30.6	30.6	27.2	20.4	17.0	10.2	6.8	3.4
75°	37.4	37.4	37.4	34.0	34.0	30.6	27.2	20.4	17.0	10.2	6.8
72.5°	40.8	37.4	37.4	37.4	34.0	30.6	27.2	23.8	20.4	13.6	6.8
70°	37.4	37.4	37.4	37.4	34.0	34.0	27.2	23.8	23.8	13.6	10.2
67.5°	37.4	37.4	37.4	34.0	34.0	30.6	27.2	23.8	23.8	17.0	10.2
65°	40.8	37.4	37.4	37.4	34.0	30.6	27.2	23.8	23.8	20.4	13.6
62.5°	44.2	40.8	40.8	37.4	34.0	30.6	27.2	23.8	23.8	20.4	13.6
60°	47.6	44.2	40.8	40.8	37.4	34.0	27.2	27.2	23.8	20.4	13.6
57.5°	51.0	47.6	47.6	44.2	40.8	37.4	30.6	27.2	23.8	20.4	17.0
55°	61.2	54.4	51.0	51.0	47.6	40.8	34.0	27.2	23.8	20.4	17.0
52.5°	81.6	64.6	57.8	57.8	54.4	47.6	37.4	30.6	23.8	20.4	17.0
50°	129.2	81.6	68.0	61.2	61.2	54.4	44.2	34.0	23.8	20.4	17.0
47.5°	204.1	136.0	81.6	71.4	68.0	64.6	51.0	34.0	27.2	20.4	17.0
45°	336.7	200.7	132.6	85.0	71.4	68.0	57.8	37.4	27.2	23.8	17.0
42.5°	462.5	312.9	204.1	102.0	85.0	74.8	61.2	40.8	30.6	23.8	17.0
40°	727.8	428.5	285.7	166.6	98.6	78.2	68.0	47.6	30.6	23.8	17.0
37.5°	986.3	568.0	384.3	244.9	112.2	88.4	71.4	51.0	34.0	23.8	20.4
35°	1244.8	795.8	476.1	326.5	149.6	105.4	74.8	54.4	34.0	23.8	20.4
32.5°	1476.0	1010.1	571.4	408.1	224.5	125.8	81.6	57.8	37.4	27.2	20.4
30°	1666.5	1207.4	741.4	479.5	292.5	153.0	88.4	57.8	40.8	27.2	20.4
27.5°	1809.3	1360.4	914.9	554.4	350.3	180.3	102.0	64.6	40.8	27.2	20.4
25°	1925.0	1479.4	1067.9	632.6	401.3	224.5	122.4	68.0	44.2	30.6	20.4
22.5°	2016.8	1578.1	1193.8	738.0	462.5	268.7	149.6	74.8	44.2	30.6	20.4
20°	2142.6	1676.7	1278.8	850.2	527.2	309.5	173.5	81.6	44.2	30.6	23.8
17.5°	2251.5	1775.3	1346.8	945.5	591.8	340.1	200.7	88.4	47.6	30.6	23.8
15°	2377.3	1870.5	1408.0	1020.3	653.0	367.3	224.5	95.2	47.6	34.0	23.8
12.5°	2513.3	1959.0	1452.2	1081.5	717.6	391.1	244.9	108.8	51.0	34.0	23.8
10°	2652.8	2033.8	1489.6	1125.7	765.2	414.9	258.5	122.4	54.4	34.0	23.8
7.5°	2792.2	2101.8	1537.3	1146.1	785.6	442.1	265.3	136.0	54.4	37.4	23.8
5°	2887.4	2146.0	1605.3	1159.7	795.8	472.7	275.5	153.0	57.8	37.4	23.8
2.5°	2969.1	2173.2	1676.7	1169.9	799.2	489.7	272.1	163.2	61.2	37.4	23.8
0°	3006.5	2173.2	1724.3	1163.1	789.0	506.7	272.1	173.5	61.2	37.4	23.8
-2.5°	2948.7	2234.5	1710.7	1166.5	792.4	506.7	285.7	176.9	68.0	40.8	23.8
-5°	2856.8	2258.3	1669.9	1149.5	785.6	506.7	302.7	180.3	71.4	40.8	27.2
-7.5°	2768.4	2268.5	1622.3	1132.5	775.4	493.1	306.1	176.9	78.2	44.2	27.2
-10°	2652.8	2156.2	1561.1	1101.9	755.0	482.9	312.9	176.9	81.6	44.2	27.2
-12.5°	2520.1	2020.2	1486.2	1057.7	731.2	472.7	316.3	176.9	85.0	47.6	27.2
-15°	2367.1	1880.8	1401.2	1010.1	697.2	459.1	309.5	173.5	88.4	47.6	30.6
-17.5°	2193.6	1744.7	1312.8	952.3	659.8	442.1	295.9	170.0	88.4	47.6	30.6
-20°	1996.4	1608.7	1214.2	894.5	615.6	421.7	282.3	163.2	88.4	47.6	30.6

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CATALOG NUMBER: IFLD-S-SA3C-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°	1819.5	1482.8	1112.1	829.8	568.0	397.9	265.3	156.4	88.4	51.0	30.6
-25°	1673.3	1360.4	1033.9	765.2	517.0	370.7	248.3	149.6	88.4	51.0	30.6
-27.5°	1520.2	1227.8	952.3	704.0	482.9	346.9	231.3	142.8	85.0	51.0	30.6
-30°	1363.8	1098.5	867.3	636.0	448.9	323.1	217.7	132.6	85.0	51.0	30.6
-32.5°	1221.0	993.1	789.0	568.0	411.5	299.3	204.1	129.2	81.6	51.0	30.6
-35°	1081.5	897.9	707.4	513.6	370.7	275.5	190.5	125.8	81.6	51.0	30.6
-37.5°	965.9	809.4	632.6	476.1	346.9	255.1	176.9	119.0	78.2	51.0	30.6
-40°	870.7	727.8	561.2	435.3	326.5	234.7	163.2	115.6	78.2	51.0	30.6
-42.5°	782.2	649.6	517.0	401.3	306.1	221.1	153.0	112.2	74.8	51.0	30.6
-45°	704.0	581.6	472.7	370.7	282.3	204.1	146.2	105.4	71.4	51.0	34.0
-47.5°	625.8	534.0	431.9	343.5	258.5	183.7	139.4	102.0	68.0	47.6	34.0
-50°	564.6	482.9	397.9	312.9	234.7	176.9	132.6	95.2	68.0	47.6	34.0
-52.5°	510.1	435.3	360.5	282.3	214.3	166.6	125.8	88.4	64.6	47.6	34.0
-55°	459.1	391.1	323.1	251.7	200.7	156.4	115.6	81.6	64.6	47.6	34.0
-57.5°	408.1	350.3	285.7	227.9	183.7	146.2	108.8	81.6	64.6	47.6	34.0
-60°	367.3	312.9	258.5	210.9	170.0	132.6	98.6	78.2	61.2	47.6	34.0
-62.5°	333.3	282.3	234.7	190.5	156.4	119.0	95.2	78.2	61.2	47.6	30.6
-65°	299.3	255.1	210.9	173.5	139.4	112.2	91.8	74.8	61.2	47.6	30.6
-67.5°	265.3	224.5	190.5	153.0	129.2	108.8	88.4	74.8	57.8	44.2	30.6
-70°	231.3	197.3	166.6	142.8	122.4	102.0	85.0	71.4	57.8	40.8	27.2
-72.5°	204.1	173.5	149.6	132.6	115.6	98.6	81.6	68.0	54.4	37.4	23.8
-75°	173.5	153.0	136.0	119.0	105.4	91.8	78.2	61.2	47.6	34.0	23.8
-77.5°	146.2	132.6	119.0	108.8	95.2	81.6	68.0	54.4	44.2	30.6	20.4
-80°	125.8	115.6	105.4	95.2	85.0	71.4	61.2	47.6	37.4	27.2	17.0
-82.5°	102.0	95.2	85.0	78.2	71.4	61.2	51.0	40.8	27.2	20.4	13.6
-85°	78.2	71.4	68.0	61.2	54.4	44.2	34.0	27.2	20.4	13.6	6.8
-87.5°	40.8	37.4	34.0	30.6	27.2	20.4	17.0	13.6	10.2	6.8	3.4
-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: P722459

CATALOG NUMBER: IFLD-S-SA3C-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°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	3.4	3.4	0.0	0.0
67.5°	6.8	3.4	0.0	0.0
65°	6.8	3.4	0.0	0.0
62.5°	6.8	3.4	0.0	0.0
60°	6.8	3.4	0.0	0.0
57.5°	10.2	3.4	3.4	0.0
55°	10.2	3.4	3.4	0.0
52.5°	10.2	3.4	3.4	0.0
50°	10.2	6.8	3.4	0.0
47.5°	10.2	6.8	3.4	0.0
45°	10.2	6.8	3.4	0.0
42.5°	10.2	6.8	3.4	0.0
40°	13.6	6.8	3.4	0.0
37.5°	13.6	6.8	3.4	0.0
35°	13.6	6.8	3.4	0.0
32.5°	13.6	6.8	3.4	0.0
30°	13.6	6.8	3.4	0.0
27.5°	13.6	10.2	3.4	0.0
25°	13.6	10.2	3.4	0.0
22.5°	17.0	10.2	3.4	0.0
20°	17.0	10.2	3.4	0.0
17.5°	17.0	10.2	3.4	0.0
15°	17.0	10.2	3.4	0.0
12.5°	17.0	10.2	3.4	0.0
10°	17.0	10.2	3.4	0.0
7.5°	17.0	10.2	3.4	0.0
5°	17.0	10.2	3.4	0.0
2.5°	17.0	10.2	3.4	0.0
0°	17.0	10.2	3.4	0.0
-2.5°	17.0	10.2	3.4	0.0
-5°	17.0	10.2	3.4	0.0
-7.5°	17.0	10.2	3.4	0.0
-10°	17.0	10.2	3.4	0.0
-12.5°	20.4	10.2	3.4	0.0
-15°	20.4	10.2	3.4	0.0
-17.5°	20.4	10.2	3.4	0.0
-20°	20.4	10.2	3.4	0.0

REPORT NUMBER: P722459

CATALOG NUMBER: IFLD-S-SA3C-735-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.4	10.2	3.4	0.0
-25°	20.4	10.2	3.4	0.0
-27.5°	20.4	10.2	3.4	0.0
-30°	20.4	10.2	3.4	0.0
-32.5°	20.4	10.2	3.4	0.0
-35°	20.4	10.2	3.4	0.0
-37.5°	20.4	10.2	3.4	0.0
-40°	20.4	10.2	3.4	0.0
-42.5°	17.0	10.2	3.4	0.0
-45°	20.4	10.2	3.4	0.0
-47.5°	20.4	10.2	3.4	0.0
-50°	20.4	10.2	3.4	0.0
-52.5°	20.4	10.2	3.4	0.0
-55°	20.4	10.2	3.4	0.0
-57.5°	20.4	10.2	3.4	0.0
-60°	20.4	10.2	3.4	0.0
-62.5°	17.0	10.2	3.4	0.0
-65°	17.0	6.8	3.4	0.0
-67.5°	17.0	6.8	3.4	0.0
-70°	17.0	6.8	3.4	0.0
-72.5°	13.6	6.8	3.4	0.0
-75°	13.6	6.8	3.4	0.0
-77.5°	10.2	3.4	0.0	0.0
-80°	10.2	3.4	0.0	0.0
-82.5°	6.8	3.4	0.0	0.0
-85°	3.4	3.4	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)