

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: P722588

Luminaire Tested: **IFLD-L-SA7A-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722588
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23527.4 lumens	Max Intensity:	16424.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	108.1 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:	15009.4 lumens	Field Lumens:	22181 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

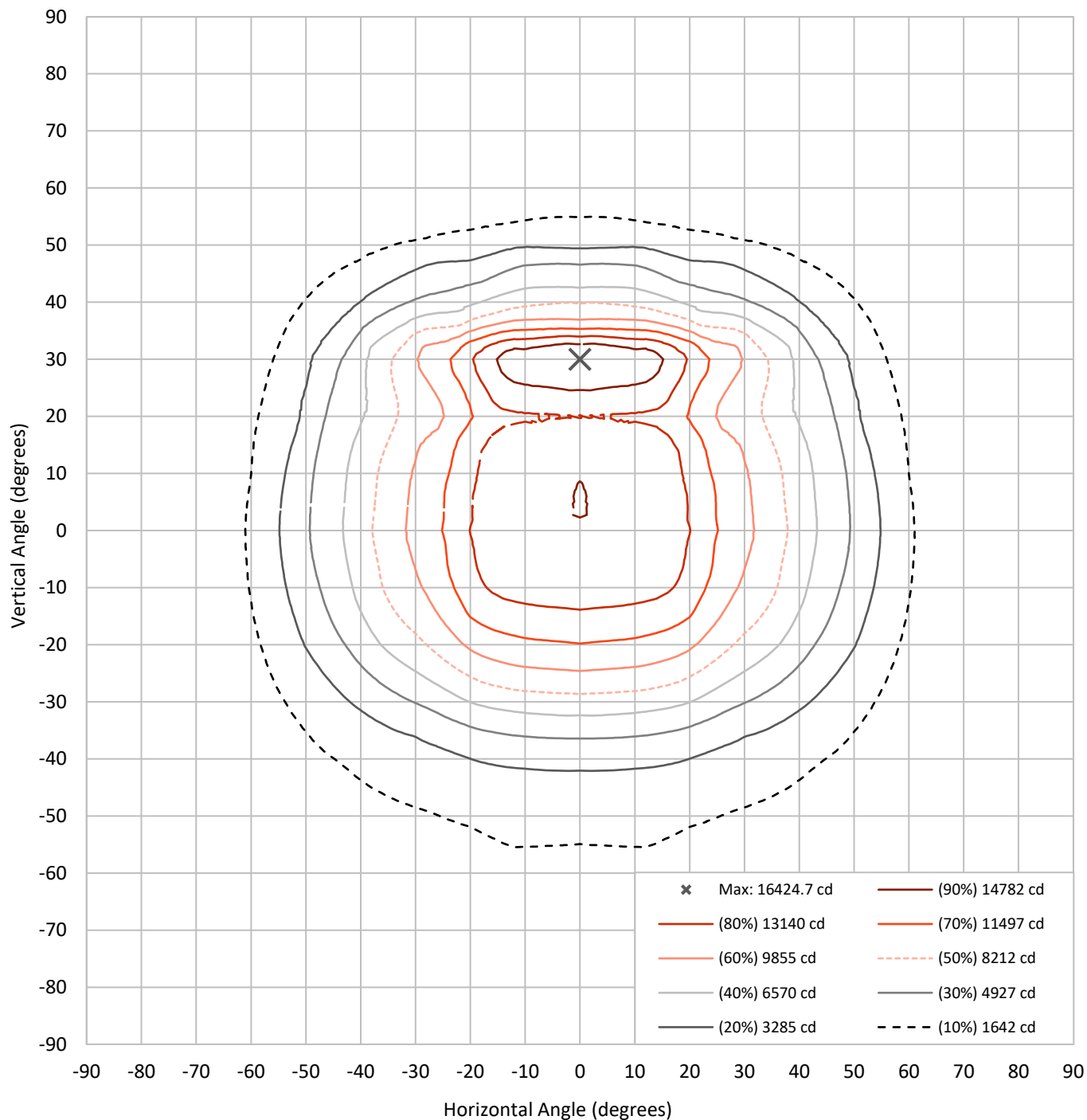
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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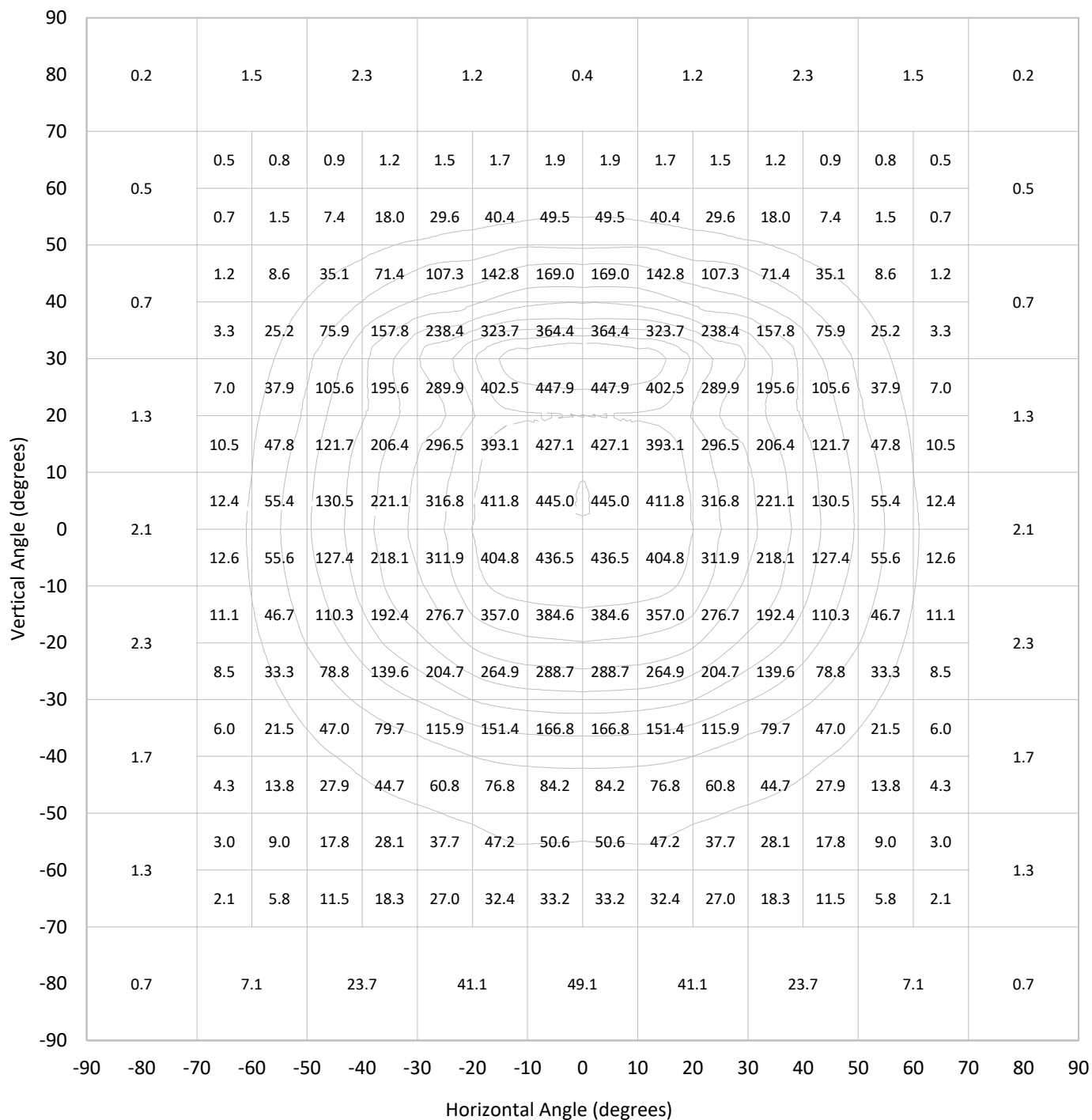
Iso-Candela Plot



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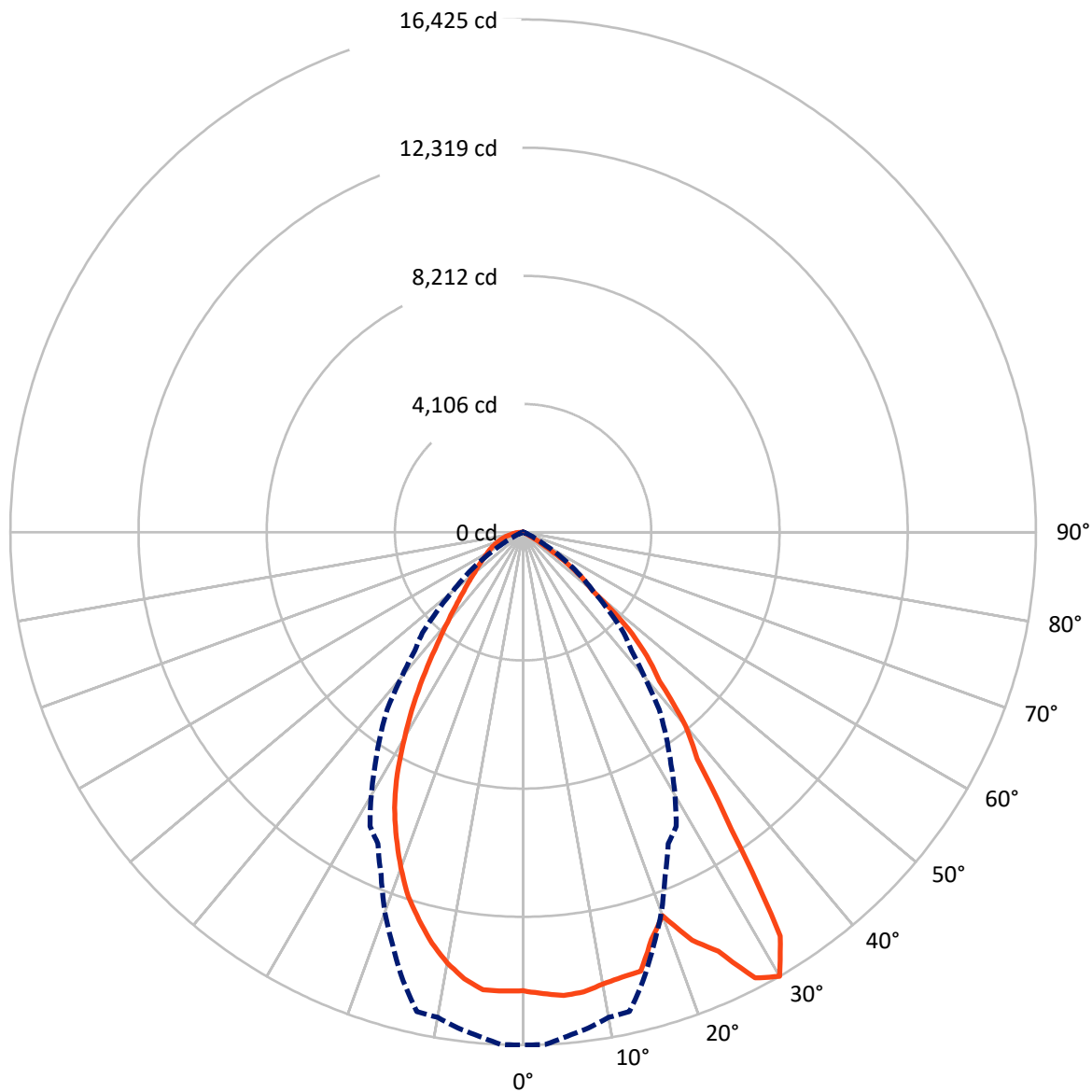
Lumen Table



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Luminous Intensity Polar Plot



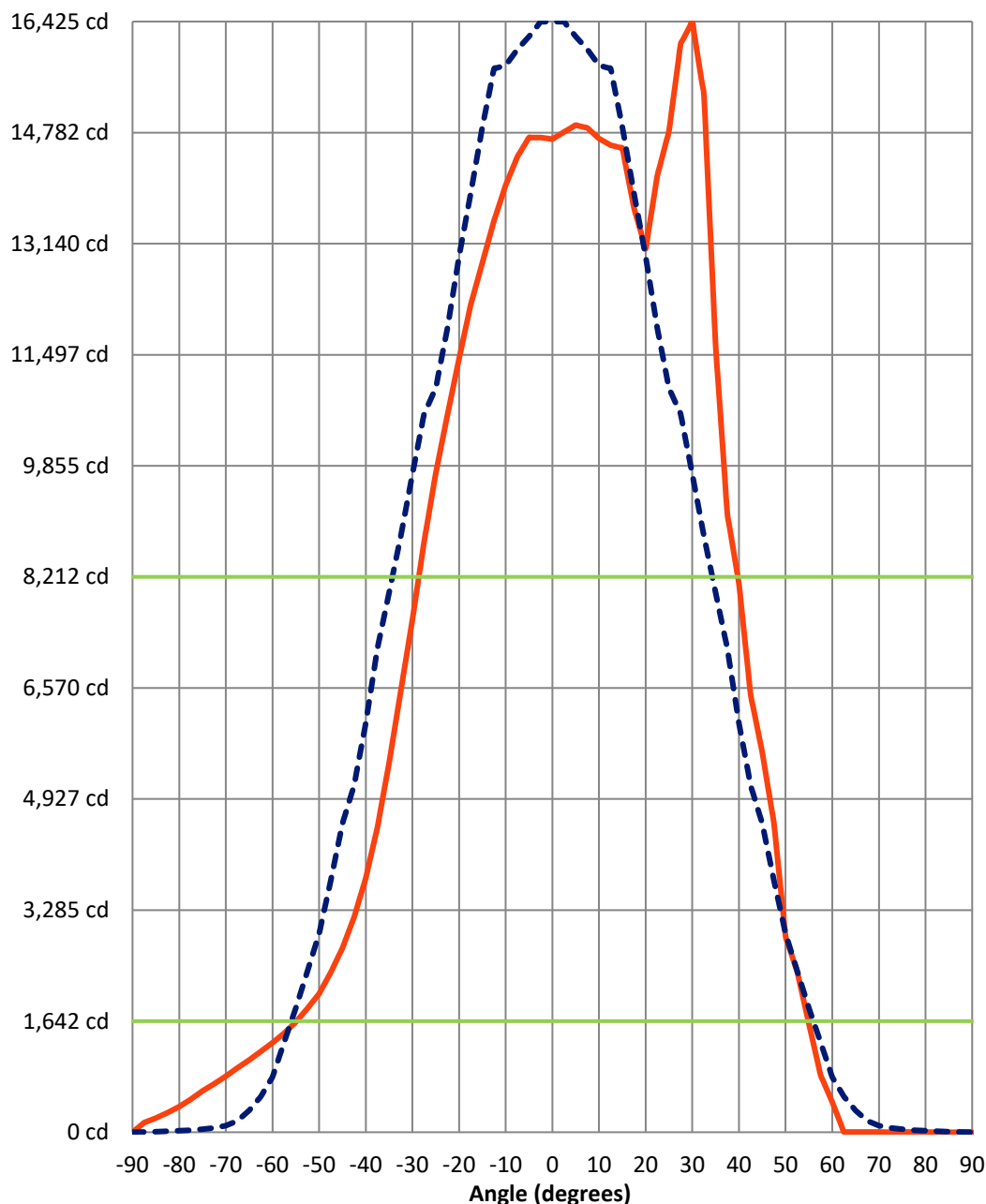
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



— 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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	7.5	7.5	11.2
82.5°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	11.2	11.2	15.0
80°	3.7	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	15.0	15.0
77.5°	3.7	3.7	3.7	7.5	7.5	7.5	11.2	11.2	15.0	15.0	18.7
75°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	18.7
72.5°	0.0	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	15.0
70°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	11.2	15.0	15.0	15.0
67.5°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	15.0	15.0	15.0	18.7
65°	3.7	3.7	3.7	7.5	11.2	11.2	15.0	18.7	18.7	22.5	26.2
62.5°	3.7	7.5	7.5	11.2	15.0	18.7	41.2	63.7	63.7	44.9	37.5
60°	445.7	483.2	479.4	434.5	378.3	318.4	307.1	295.9	273.4	239.7	251.0
57.5°	846.5	891.5	910.2	899.0	869.0	816.6	786.6	752.9	707.9	655.5	595.6
55°	1603.1	1621.9	1580.7	1502.0	1415.9	1329.7	1299.7	1254.8	1187.4	1120.0	1030.1
52.5°	2371.0	2434.7	2416.0	2337.3	2221.2	2067.6	1899.1	1768.0	1689.3	1614.4	1524.5
50°	2895.4	2921.6	2974.1	3067.7	3101.4	2996.5	2723.1	2371.0	2120.0	2247.4	2150.0
47.5°	4569.7	4700.8	4674.6	4607.2	4494.8	4210.1	3828.1	3513.4	3251.2	3165.1	3180.1
45°	5614.7	5667.2	5648.5	5618.5	5566.1	5300.1	4876.9	4393.7	4150.2	4052.8	3951.7
42.5°	6472.5	6528.7	6539.9	6543.7	6487.5	6244.0	5862.0	5378.8	5135.3	4854.4	4633.4
40°	8109.4	8191.8	8098.1	7974.5	7787.2	7510.1	7135.5	6689.8	6259.0	5914.4	5652.2
37.5°	9154.4	9255.5	9293.0	9285.5	9244.3	9124.4	8663.7	8240.5	7581.2	6809.6	6948.2
35°	11634.0	11738.9	11708.9	11596.6	11536.6	11409.3	10959.8	10457.9	9630.1	8791.1	8566.3
32.5°	15331.0	15559.5	15132.5	14664.3	14375.9	14477.0	14020.0	12791.4	12409.4	10896.1	10195.7
30°	16424.7	16421.0	16203.7	16012.7	15776.7	15728.0	14866.5	13885.2	12948.8	11888.7	11004.8
27.5°	16091.4	16023.9	15840.4	15701.8	15480.8	15364.7	14521.9	13742.8	12660.3	11712.7	10858.7
25°	14806.6	14859.0	14671.8	14645.5	14559.4	14334.7	13915.1	13038.7	12072.3	11023.5	10409.2
22.5°	14143.6	14124.9	13900.2	13769.1	13873.9	13634.2	13465.7	12581.7	11574.1	10690.1	9952.2
20°	13064.9	13068.6	13012.4	13001.2	12937.5	12828.9	12694.1	12068.5	11356.9	10600.2	9712.5
17.5°	13667.9	13821.5	13888.9	13330.8	13488.1	13364.5	13222.2	12349.5	11813.8	11143.3	9985.9
15°	14551.9	14495.7	14428.3	14398.3	14312.2	14196.1	13937.6	13240.9	12319.5	11626.5	10723.8
12.5°	14596.8	14488.2	14462.0	14458.3	14368.4	14207.3	13956.3	13379.5	12563.0	11720.2	10986.0
10°	14694.2	14581.9	14566.9	14585.6	14447.0	14345.9	14094.9	13559.3	12637.9	11881.2	11188.3
7.5°	14851.6	14664.3	14750.4	14694.2	14630.6	14469.5	14199.8	13675.4	12911.3	12094.7	11368.1
5°	14892.8	14686.7	14780.4	14727.9	14634.3	14477.0	14184.8	13750.3	13079.9	12180.9	11439.3
2.5°	14791.6	14731.7	14690.5	14593.1	14551.9	14379.6	14102.4	13638.0	13001.2	12143.4	11424.3
0°	14686.7	14739.2	14645.5	14548.2	14529.4	14390.8	14154.9	13735.3	13184.7	12248.3	11551.6
-2.5°	14709.2	14668.0	14604.3	14503.2	14405.8	14207.3	13993.8	13600.5	13008.7	12019.8	11371.8
-5°	14709.2	14518.2	14525.7	14529.4	14432.0	14226.0	13967.6	13634.2	12903.8	12016.1	11319.4
-7.5°	14424.5	14259.7	14233.5	14211.0	14184.8	13993.8	13791.5	13375.8	12727.8	11918.7	11173.3
-10°	14005.0	13844.0	13859.0	13825.2	13742.8	13615.5	13461.9	13087.3	12555.5	11611.6	10877.4
-12.5°	13480.6	13409.5	13368.3	13312.1	13229.7	13117.3	12960.0	12607.9	12038.6	11233.2	10536.6
-15°	12858.9	12806.4	12769.0	12735.3	12615.4	12499.3	12293.3	11967.4	11611.6	10746.3	10034.6
-17.5°	12237.1	12106.0	12053.5	12008.6	11929.9	11742.7	11555.4	11311.9	10813.7	10128.3	9517.7
-20°	11439.3	11360.6	11296.9	11237.0	11124.6	10978.5	10825.0	10544.0	10113.3	9558.9	8925.9

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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°	10604.0	10559.0	10506.6	10431.7	10356.8	10218.2	10004.7	9735.0	9397.9	8798.6	8206.7
-25°	9742.5	9656.3	9592.6	9521.5	9461.5	9334.2	9128.2	8869.7	8446.5	7929.6	7435.1
-27.5°	8727.4	8645.0	8611.3	8528.9	8476.4	8360.3	8154.3	7914.6	7532.5	7098.0	6596.1
-30°	7581.2	7596.2	7558.7	7480.1	7416.4	7266.6	7109.3	6907.0	6607.3	6191.6	5742.1
-32.5°	6521.2	6539.9	6495.0	6412.6	6330.2	6221.5	6075.5	5891.9	5667.2	5270.1	4880.6
-35°	5461.2	5453.7	5416.2	5367.5	5311.4	5221.5	5056.6	4918.1	4659.6	4382.4	4112.7
-37.5°	4509.8	4528.5	4517.3	4491.1	4427.4	4352.5	4217.6	4090.3	3899.2	3655.8	3446.0
-40°	3756.9	3779.4	3764.4	3738.2	3682.0	3637.0	3547.1	3434.8	3281.2	3071.4	2895.4
-42.5°	3180.1	3195.1	3176.3	3153.8	3105.2	3071.4	3000.3	2906.6	2779.3	2618.2	2460.9
-45°	2723.1	2726.8	2708.1	2693.1	2655.7	2614.5	2554.5	2479.6	2378.5	2266.1	2138.8
-47.5°	2363.5	2359.8	2341.0	2326.1	2296.1	2258.6	2209.9	2142.5	2063.9	1977.7	1876.6
-50°	2048.9	2067.6	2060.1	2045.1	2022.7	1996.4	1947.7	1876.6	1797.9	1734.2	1663.1
-52.5°	1831.6	1835.4	1831.6	1831.6	1827.9	1809.2	1753.0	1681.8	1595.7	1539.5	1479.5
-55°	1629.4	1648.1	1655.6	1663.1	1666.8	1666.8	1599.4	1524.5	1442.1	1385.9	1340.9
-57.5°	1464.6	1475.8	1483.3	1502.0	1517.0	1528.2	1468.3	1400.9	1337.2	1284.8	1243.6
-60°	1322.2	1337.2	1348.4	1367.2	1378.4	1385.9	1348.4	1303.5	1266.0	1232.3	1172.4
-62.5°	1194.9	1206.1	1217.3	1228.6	1239.8	1247.3	1232.3	1209.8	1191.1	1176.1	1101.2
-65°	1067.5	1078.8	1090.0	1105.0	1116.2	1123.7	1120.0	1105.0	1090.0	1075.0	1007.6
-67.5°	951.4	962.6	977.6	981.4	988.9	992.6	985.1	973.9	955.1	936.4	884.0
-70°	827.8	835.3	842.8	842.8	842.8	839.0	831.5	816.6	797.8	771.6	730.4
-72.5°	715.4	722.9	730.4	719.2	711.7	700.4	689.2	670.5	651.7	633.0	610.5
-75°	610.5	614.3	614.3	599.3	588.1	576.8	561.8	550.6	531.9	516.9	498.2
-77.5°	486.9	486.9	486.9	475.7	468.2	460.7	449.5	438.2	423.3	412.0	397.0
-80°	378.3	378.3	378.3	374.6	363.3	355.8	348.3	340.9	329.6	322.1	314.6
-82.5°	288.4	288.4	288.4	284.7	277.2	273.4	265.9	258.5	254.7	247.2	243.5
-85°	209.8	213.5	213.5	209.8	206.0	198.5	194.8	191.0	187.3	183.5	176.0
-87.5°	142.3	142.3	142.3	138.6	134.8	134.8	131.1	123.6	116.1	112.4	108.6
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.2	11.2	11.2	15.0	15.0	15.0	15.0	15.0	15.0	15.0	11.2
82.5°	18.7	18.7	22.5	22.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2
80°	18.7	22.5	26.2	30.0	33.7	37.5	37.5	37.5	37.5	33.7	33.7
77.5°	22.5	22.5	26.2	30.0	33.7	37.5	41.2	44.9	41.2	41.2	41.2
75°	22.5	26.2	26.2	30.0	33.7	37.5	41.2	44.9	44.9	44.9	44.9
72.5°	18.7	22.5	26.2	30.0	30.0	33.7	37.5	37.5	41.2	41.2	44.9
70°	18.7	22.5	26.2	26.2	30.0	30.0	33.7	37.5	37.5	41.2	41.2
67.5°	22.5	26.2	26.2	30.0	33.7	33.7	33.7	37.5	37.5	41.2	41.2
65°	26.2	30.0	30.0	33.7	37.5	37.5	41.2	41.2	41.2	44.9	44.9
62.5°	44.9	44.9	44.9	41.2	44.9	44.9	44.9	48.7	48.7	44.9	48.7
60°	232.2	168.6	116.1	146.1	131.1	59.9	59.9	59.9	56.2	56.2	52.4
57.5°	546.9	509.4	438.2	370.8	333.4	295.9	183.5	74.9	74.9	67.4	59.9
55°	913.9	790.3	737.9	648.0	550.6	505.7	419.5	284.7	134.8	89.9	78.7
52.5°	1415.9	1299.7	1164.9	981.4	850.3	745.4	674.2	535.6	359.6	191.0	119.9
50°	1895.3	1842.9	1760.5	1580.7	1307.2	1131.2	1015.1	857.8	644.3	393.3	224.7
47.5°	3052.7	2614.5	2348.5	2209.9	1981.5	1648.1	1423.4	1247.3	988.9	663.0	397.0
45°	3843.1	3565.9	3142.6	2850.4	2513.3	2161.2	1869.1	1666.8	1359.7	992.6	621.8
42.5°	4521.0	4281.3	3899.2	3472.2	3116.4	2655.7	2281.1	2015.2	1756.7	1355.9	928.9
40°	5393.8	5109.1	4742.0	4326.2	3910.5	3322.4	2715.6	2393.5	2108.8	1753.0	1254.8
37.5°	6832.1	6330.2	5730.9	5270.1	4727.0	4228.9	3397.3	2828.0	2490.9	2120.0	1636.9
35°	8562.6	8012.0	7011.9	6401.3	5674.7	4933.0	4183.9	3341.1	2861.7	2468.4	1988.9
32.5°	10173.2	9367.9	8086.9	7371.5	6888.3	5521.1	4745.8	4015.4	3243.7	2760.6	2191.2
30°	10619.0	9731.2	8813.5	7978.3	7154.2	6049.2	5131.6	4562.2	3723.2	2936.6	2382.2
27.5°	10169.5	9558.9	8847.3	8071.9	7180.4	6232.8	5367.5	4824.4	4075.3	3056.5	2532.1
25°	9712.5	9075.7	8577.6	7929.6	7105.5	6221.5	5375.0	4989.2	4348.7	3288.7	2614.5
22.5°	9229.3	8832.3	8420.3	7697.3	6918.2	6255.3	5618.5	5131.6	4491.1	3550.9	2648.2
20°	9255.5	8997.1	8543.9	7577.5	6884.5	6453.8	5910.7	5311.4	4644.6	3779.4	2674.4
17.5°	9675.0	9337.9	8768.6	7929.6	7187.9	6656.0	6154.1	5558.6	4801.9	3981.6	2992.8
15°	10191.9	9678.8	9083.2	8345.3	7506.3	6877.0	6341.4	5730.9	4981.7	4168.9	3277.5
12.5°	10566.5	9836.1	9278.0	8611.3	7850.9	7116.8	6465.0	5862.0	5150.3	4322.5	3491.0
10°	10693.9	10030.9	9371.6	8776.1	8027.0	7244.1	6558.7	5944.4	5296.4	4442.4	3648.3
7.5°	10761.3	10199.4	9435.3	8851.0	8131.8	7322.8	6633.6	5989.3	5412.5	4524.8	3749.4
5°	10753.8	10289.3	9484.0	8873.5	8188.0	7356.5	6686.0	6000.6	5494.9	4595.9	3809.3
2.5°	10720.1	10349.3	9562.7	8910.9	8300.4	7420.2	6787.1	6023.0	5524.9	4674.6	3850.5
0°	10843.7	10353.0	9645.1	8922.2	8375.3	7442.6	6832.1	6004.3	5483.7	4697.1	3846.8
-2.5°	10577.8	10132.0	9626.4	8824.8	8274.2	7390.2	6749.7	5944.4	5393.8	4670.8	3831.8
-5°	10532.8	9971.0	9469.0	8734.9	8105.6	7281.6	6596.1	5832.0	5251.4	4584.7	3771.9
-7.5°	10412.9	9817.4	9315.5	8663.7	7948.3	7169.2	6450.0	5715.9	5097.8	4449.8	3685.7
-10°	10150.7	9581.4	9150.7	8510.1	7757.3	7008.1	6274.0	5562.3	4918.1	4266.3	3550.9
-12.5°	9776.2	9206.8	8779.8	8184.3	7517.5	6790.9	6064.2	5363.8	4712.0	4071.5	3389.8
-15°	9352.9	8776.1	8349.1	7806.0	7161.7	6453.8	5798.3	5112.8	4476.1	3865.5	3198.8
-17.5°	8873.5	8326.6	7914.6	7386.4	6745.9	6071.7	5420.0	4798.2	4202.6	3652.0	2977.8
-20°	8319.1	7787.2	7408.9	6880.8	6292.7	5637.2	5004.2	4416.1	3880.5	3363.6	2734.3

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CATALOG NUMBER: IFLD-L-SA7A-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°	7633.7	7165.5	6734.7	6262.7	5749.6	5150.3	4562.2	4041.6	3528.4	3022.8	2483.4
-25°	6933.2	6480.0	6060.5	5629.7	5139.0	4622.1	4120.2	3648.3	3146.4	2689.4	2239.9
-27.5°	6154.1	5749.6	5375.0	4978.0	4528.5	4082.8	3670.7	3210.0	2775.5	2386.0	2000.2
-30°	5322.6	4993.0	4667.1	4315.0	3951.7	3577.1	3210.0	2775.5	2434.7	2123.8	1797.9
-32.5°	4524.8	4228.9	3966.7	3704.5	3389.8	3082.7	2756.8	2434.7	2150.0	1876.6	1603.1
-35°	3824.3	3509.7	3363.6	3153.8	2902.9	2625.7	2359.8	2135.0	1906.5	1659.3	1415.9
-37.5°	3217.5	3015.3	2843.0	2685.6	2487.1	2247.4	2056.4	1872.8	1681.8	1457.1	1247.3
-40°	2741.8	2595.7	2423.4	2307.3	2146.3	1974.0	1782.9	1629.4	1468.3	1284.8	1112.5
-42.5°	2359.8	2239.9	2127.5	2003.9	1884.1	1738.0	1573.2	1427.1	1281.0	1146.2	1003.8
-45°	2045.1	1959.0	1869.1	1768.0	1663.1	1535.7	1400.9	1251.1	1146.2	1026.3	906.5
-47.5°	1786.7	1723.0	1648.1	1569.4	1479.5	1367.2	1243.6	1134.9	1026.3	925.2	809.1
-50°	1580.7	1520.7	1460.8	1393.4	1314.7	1217.3	1123.7	1022.6	921.4	824.0	715.4
-52.5°	1408.4	1355.9	1307.2	1251.1	1176.1	1093.7	1007.6	917.7	824.0	726.7	640.5
-55°	1288.5	1228.6	1179.9	1123.7	1056.3	977.6	899.0	816.6	726.7	651.7	580.6
-57.5°	1191.1	1123.7	1067.5	1007.6	940.2	872.7	801.6	726.7	659.2	588.1	520.6
-60°	1108.7	1030.1	966.4	906.5	842.8	779.1	719.2	655.5	591.8	528.1	460.7
-62.5°	1022.6	940.2	861.5	805.3	756.6	700.4	648.0	588.1	531.9	468.2	419.5
-65°	925.2	846.5	771.6	722.9	678.0	629.3	580.6	528.1	479.4	430.8	385.8
-67.5°	816.6	749.1	696.7	651.7	606.8	565.6	520.6	475.7	434.5	385.8	340.9
-70°	685.5	648.0	618.0	584.3	543.1	505.7	464.5	423.3	378.3	337.1	295.9
-72.5°	584.3	561.8	539.4	505.7	468.2	434.5	400.8	363.3	325.9	288.4	254.7
-75°	479.4	460.7	442.0	419.5	389.5	363.3	333.4	299.7	269.7	243.5	217.2
-77.5°	385.8	370.8	359.6	340.9	318.4	295.9	277.2	254.7	232.2	206.0	179.8
-80°	307.1	299.7	295.9	288.4	269.7	251.0	236.0	217.2	194.8	176.0	157.3
-82.5°	239.7	239.7	236.0	232.2	217.2	202.3	191.0	176.0	161.1	146.1	127.4
-85°	176.0	172.3	172.3	168.6	157.3	149.8	138.6	131.1	119.9	104.9	97.4
-87.5°	104.9	101.1	97.4	93.6	86.2	82.4	74.9	71.2	63.7	56.2	52.4
-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-SA7A-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.2	7.5	7.5	7.5	7.5	7.5	3.7	3.7	3.7	3.7	3.7
82.5°	22.5	22.5	18.7	18.7	15.0	11.2	7.5	7.5	7.5	3.7	3.7
80°	33.7	33.7	33.7	30.0	26.2	18.7	15.0	11.2	7.5	3.7	3.7
77.5°	41.2	37.5	37.5	33.7	33.7	30.0	22.5	18.7	11.2	7.5	3.7
75°	41.2	41.2	41.2	37.5	37.5	33.7	30.0	22.5	18.7	11.2	7.5
72.5°	44.9	41.2	41.2	41.2	37.5	33.7	30.0	26.2	22.5	15.0	7.5
70°	41.2	41.2	41.2	41.2	37.5	37.5	30.0	26.2	26.2	15.0	11.2
67.5°	41.2	41.2	41.2	37.5	37.5	33.7	30.0	26.2	26.2	18.7	11.2
65°	44.9	41.2	41.2	41.2	37.5	33.7	30.0	26.2	26.2	22.5	15.0
62.5°	48.7	44.9	44.9	41.2	37.5	33.7	30.0	26.2	26.2	22.5	15.0
60°	52.4	48.7	44.9	44.9	41.2	37.5	30.0	30.0	26.2	22.5	15.0
57.5°	56.2	52.4	52.4	48.7	44.9	41.2	33.7	30.0	26.2	22.5	18.7
55°	67.4	59.9	56.2	56.2	52.4	44.9	37.5	30.0	26.2	22.5	18.7
52.5°	89.9	71.2	63.7	63.7	59.9	52.4	41.2	33.7	26.2	22.5	18.7
50°	142.3	89.9	74.9	67.4	67.4	59.9	48.7	37.5	26.2	22.5	18.7
47.5°	224.7	149.8	89.9	78.7	74.9	71.2	56.2	37.5	30.0	22.5	18.7
45°	370.8	221.0	146.1	93.6	78.7	74.9	63.7	41.2	30.0	26.2	18.7
42.5°	509.4	344.6	224.7	112.4	93.6	82.4	67.4	44.9	33.7	26.2	18.7
40°	801.6	472.0	314.6	183.5	108.6	86.2	74.9	52.4	33.7	26.2	18.7
37.5°	1086.2	625.5	423.3	269.7	123.6	97.4	78.7	56.2	37.5	26.2	22.5
35°	1370.9	876.5	524.4	359.6	164.8	116.1	82.4	59.9	37.5	26.2	22.5
32.5°	1625.6	1112.5	629.3	449.5	247.2	138.6	89.9	63.7	41.2	30.0	22.5
30°	1835.4	1329.7	816.6	528.1	322.1	168.6	97.4	63.7	44.9	30.0	22.5
27.5°	1992.7	1498.3	1007.6	610.5	385.8	198.5	112.4	71.2	44.9	30.0	22.5
25°	2120.0	1629.4	1176.1	696.7	442.0	247.2	134.8	74.9	48.7	33.7	22.5
22.5°	2221.2	1738.0	1314.7	812.8	509.4	295.9	164.8	82.4	48.7	33.7	22.5
20°	2359.8	1846.6	1408.4	936.4	580.6	340.9	191.0	89.9	48.7	33.7	26.2
17.5°	2479.6	1955.2	1483.3	1041.3	651.7	374.6	221.0	97.4	52.4	33.7	26.2
15°	2618.2	2060.1	1550.7	1123.7	719.2	404.5	247.2	104.9	52.4	37.5	26.2
12.5°	2768.0	2157.5	1599.4	1191.1	790.3	430.8	269.7	119.9	56.2	37.5	26.2
10°	2921.6	2239.9	1640.6	1239.8	842.8	457.0	284.7	134.8	59.9	37.5	26.2
7.5°	3075.2	2314.8	1693.0	1262.3	865.2	486.9	292.2	149.8	59.9	41.2	26.2
5°	3180.1	2363.5	1768.0	1277.3	876.5	520.6	303.4	168.6	63.7	41.2	26.2
2.5°	3270.0	2393.5	1846.6	1288.5	880.2	539.4	299.7	179.8	67.4	41.2	26.2
0°	3311.2	2393.5	1899.1	1281.0	869.0	558.1	299.7	191.0	67.4	41.2	26.2
-2.5°	3247.5	2460.9	1884.1	1284.8	872.7	558.1	314.6	194.8	74.9	44.9	26.2
-5°	3146.4	2487.1	1839.1	1266.0	865.2	558.1	333.4	198.5	78.7	44.9	30.0
-7.5°	3049.0	2498.4	1786.7	1247.3	854.0	543.1	337.1	194.8	86.2	48.7	30.0
-10°	2921.6	2374.8	1719.3	1213.6	831.5	531.9	344.6	194.8	89.9	48.7	30.0
-12.5°	2775.5	2224.9	1636.9	1164.9	805.3	520.6	348.3	194.8	93.6	52.4	30.0
-15°	2607.0	2071.4	1543.2	1112.5	767.9	505.7	340.9	191.0	97.4	52.4	33.7
-17.5°	2416.0	1921.5	1445.8	1048.8	726.7	486.9	325.9	187.3	97.4	52.4	33.7
-20°	2198.7	1771.7	1337.2	985.1	678.0	464.5	310.9	179.8	97.4	52.4	33.7

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CATALOG NUMBER: IFLD-L-SA7A-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°	2003.9	1633.1	1224.8	913.9	625.5	438.2	292.2	172.3	97.4	56.2	33.7
-25°	1842.9	1498.3	1138.7	842.8	569.3	408.3	273.4	164.8	97.4	56.2	33.7
-27.5°	1674.3	1352.2	1048.8	775.4	531.9	382.1	254.7	157.3	93.6	56.2	33.7
-30°	1502.0	1209.8	955.1	700.4	494.4	355.8	239.7	146.1	93.6	56.2	33.7
-32.5°	1344.7	1093.7	869.0	625.5	453.2	329.6	224.7	142.3	89.9	56.2	33.7
-35°	1191.1	988.9	779.1	565.6	408.3	303.4	209.8	138.6	89.9	56.2	33.7
-37.5°	1063.8	891.5	696.7	524.4	382.1	280.9	194.8	131.1	86.2	56.2	33.7
-40°	958.9	801.6	618.0	479.4	359.6	258.5	179.8	127.4	86.2	56.2	33.7
-42.5°	861.5	715.4	569.3	442.0	337.1	243.5	168.6	123.6	82.4	56.2	33.7
-45°	775.4	640.5	520.6	408.3	310.9	224.7	161.1	116.1	78.7	56.2	37.5
-47.5°	689.2	588.1	475.7	378.3	284.7	202.3	153.6	112.4	74.9	52.4	37.5
-50°	621.8	531.9	438.2	344.6	258.5	194.8	146.1	104.9	74.9	52.4	37.5
-52.5°	561.8	479.4	397.0	310.9	236.0	183.5	138.6	97.4	71.2	52.4	37.5
-55°	505.7	430.8	355.8	277.2	221.0	172.3	127.4	89.9	71.2	52.4	37.5
-57.5°	449.5	385.8	314.6	251.0	202.3	161.1	119.9	89.9	71.2	52.4	37.5
-60°	404.5	344.6	284.7	232.2	187.3	146.1	108.6	86.2	67.4	52.4	37.5
-62.5°	367.1	310.9	258.5	209.8	172.3	131.1	104.9	86.2	67.4	52.4	33.7
-65°	329.6	280.9	232.2	191.0	153.6	123.6	101.1	82.4	67.4	52.4	33.7
-67.5°	292.2	247.2	209.8	168.6	142.3	119.9	97.4	82.4	63.7	48.7	33.7
-70°	254.7	217.2	183.5	157.3	134.8	112.4	93.6	78.7	63.7	44.9	30.0
-72.5°	224.7	191.0	164.8	146.1	127.4	108.6	89.9	74.9	59.9	41.2	26.2
-75°	191.0	168.6	149.8	131.1	116.1	101.1	86.2	67.4	52.4	37.5	26.2
-77.5°	161.1	146.1	131.1	119.9	104.9	89.9	74.9	59.9	48.7	33.7	22.5
-80°	138.6	127.4	116.1	104.9	93.6	78.7	67.4	52.4	41.2	30.0	18.7
-82.5°	112.4	104.9	93.6	86.2	78.7	67.4	56.2	44.9	30.0	22.5	15.0
-85°	86.2	78.7	74.9	67.4	59.9	48.7	37.5	30.0	22.5	15.0	7.5
-87.5°	44.9	41.2	37.5	33.7	30.0	22.5	18.7	15.0	11.2	7.5	3.7
-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: P722588

CATALOG NUMBER: IFLD-L-SA7A-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.5	3.7	0.0	0.0
65°	7.5	3.7	0.0	0.0
62.5°	7.5	3.7	0.0	0.0
60°	7.5	3.7	0.0	0.0
57.5°	11.2	3.7	3.7	0.0
55°	11.2	3.7	3.7	0.0
52.5°	11.2	3.7	3.7	0.0
50°	11.2	7.5	3.7	0.0
47.5°	11.2	7.5	3.7	0.0
45°	11.2	7.5	3.7	0.0
42.5°	11.2	7.5	3.7	0.0
40°	15.0	7.5	3.7	0.0
37.5°	15.0	7.5	3.7	0.0
35°	15.0	7.5	3.7	0.0
32.5°	15.0	7.5	3.7	0.0
30°	15.0	7.5	3.7	0.0
27.5°	15.0	11.2	3.7	0.0
25°	15.0	11.2	3.7	0.0
22.5°	18.7	11.2	3.7	0.0
20°	18.7	11.2	3.7	0.0
17.5°	18.7	11.2	3.7	0.0
15°	18.7	11.2	3.7	0.0
12.5°	18.7	11.2	3.7	0.0
10°	18.7	11.2	3.7	0.0
7.5°	18.7	11.2	3.7	0.0
5°	18.7	11.2	3.7	0.0
2.5°	18.7	11.2	3.7	0.0
0°	18.7	11.2	3.7	0.0
-2.5°	18.7	11.2	3.7	0.0
-5°	18.7	11.2	3.7	0.0
-7.5°	18.7	11.2	3.7	0.0
-10°	18.7	11.2	3.7	0.0
-12.5°	22.5	11.2	3.7	0.0
-15°	22.5	11.2	3.7	0.0
-17.5°	22.5	11.2	3.7	0.0
-20°	22.5	11.2	3.7	0.0

REPORT NUMBER: P722588

CATALOG NUMBER: IFLD-L-SA7A-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.5	11.2	3.7	0.0
-25°	22.5	11.2	3.7	0.0
-27.5°	22.5	11.2	3.7	0.0
-30°	22.5	11.2	3.7	0.0
-32.5°	22.5	11.2	3.7	0.0
-35°	22.5	11.2	3.7	0.0
-37.5°	22.5	11.2	3.7	0.0
-40°	22.5	11.2	3.7	0.0
-42.5°	18.7	11.2	3.7	0.0
-45°	22.5	11.2	3.7	0.0
-47.5°	22.5	11.2	3.7	0.0
-50°	22.5	11.2	3.7	0.0
-52.5°	22.5	11.2	3.7	0.0
-55°	22.5	11.2	3.7	0.0
-57.5°	22.5	11.2	3.7	0.0
-60°	22.5	11.2	3.7	0.0
-62.5°	18.7	11.2	3.7	0.0
-65°	18.7	7.5	3.7	0.0
-67.5°	18.7	7.5	3.7	0.0
-70°	18.7	7.5	3.7	0.0
-72.5°	15.0	7.5	3.7	0.0
-75°	15.0	7.5	3.7	0.0
-77.5°	11.2	3.7	0.0	0.0
-80°	11.2	3.7	0.0	0.0
-82.5°	7.5	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)