

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: P722589

Luminaire Tested: **IFLD-L-SA7B-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722589
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-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:	26768.2 lumens	Max Intensity:	18687.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	95.3 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:	17077 lumens	Field Lumens:	25236.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

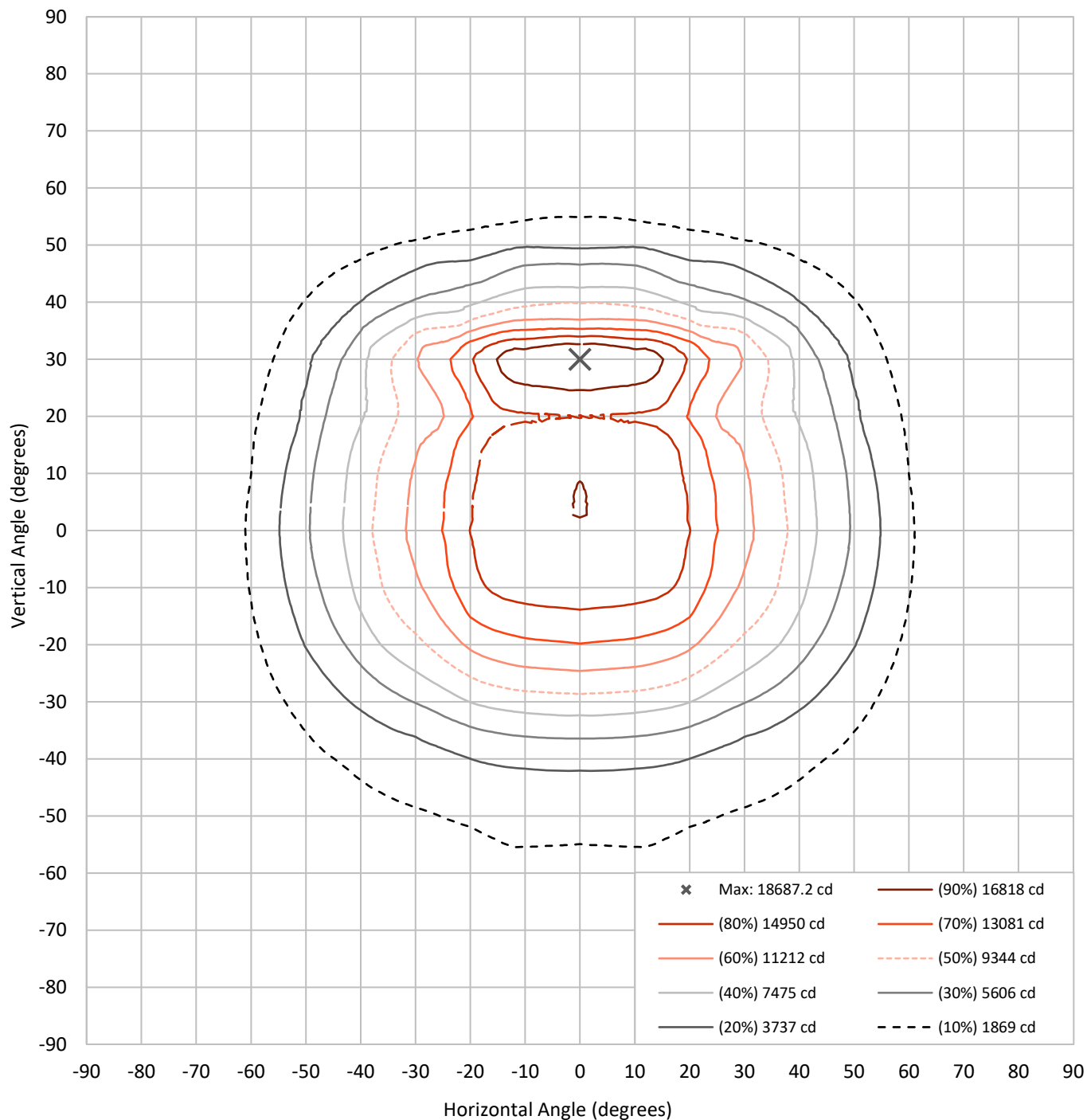
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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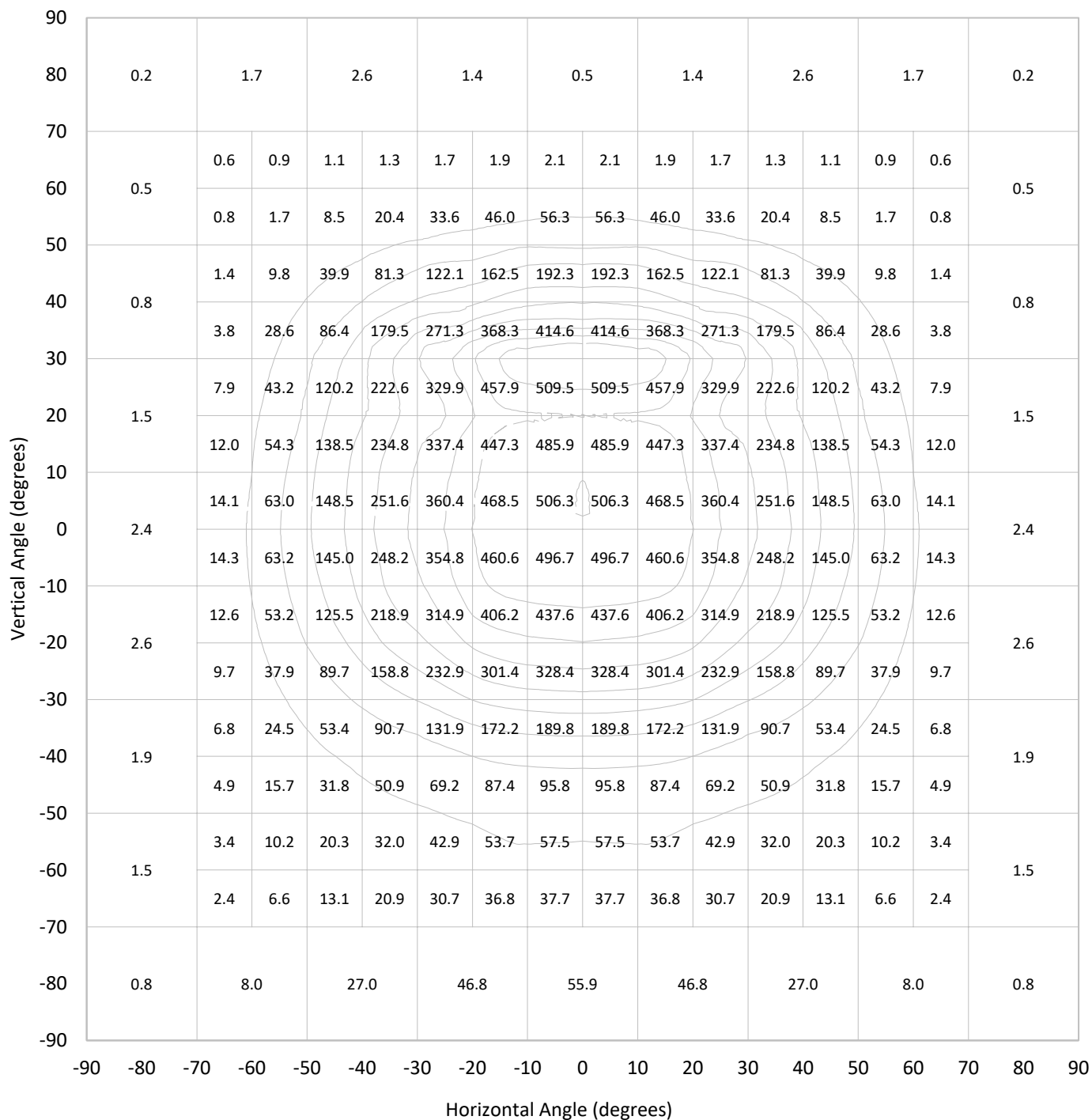
Iso-Candela Plot



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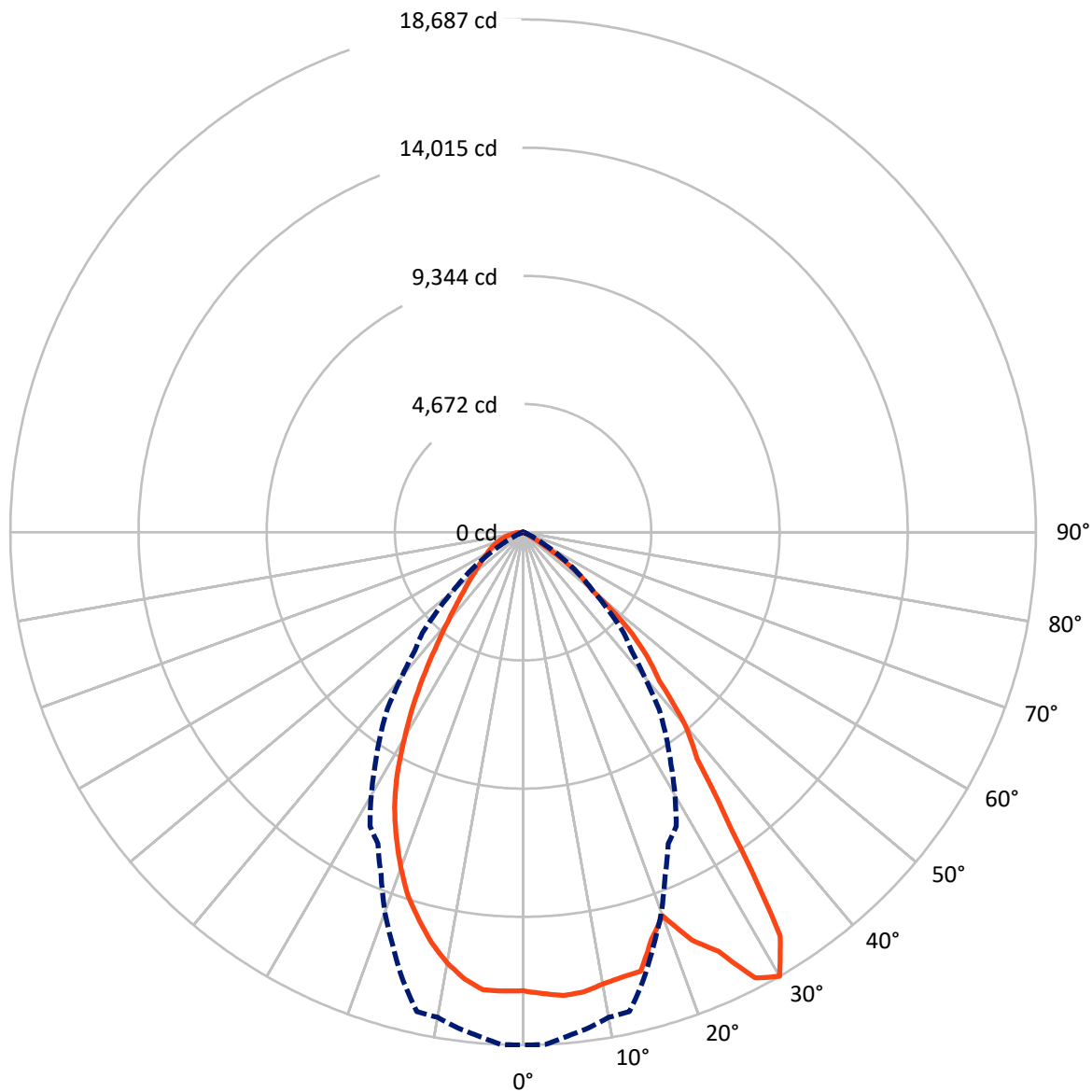
Lumen Table



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Luminous Intensity Polar Plot



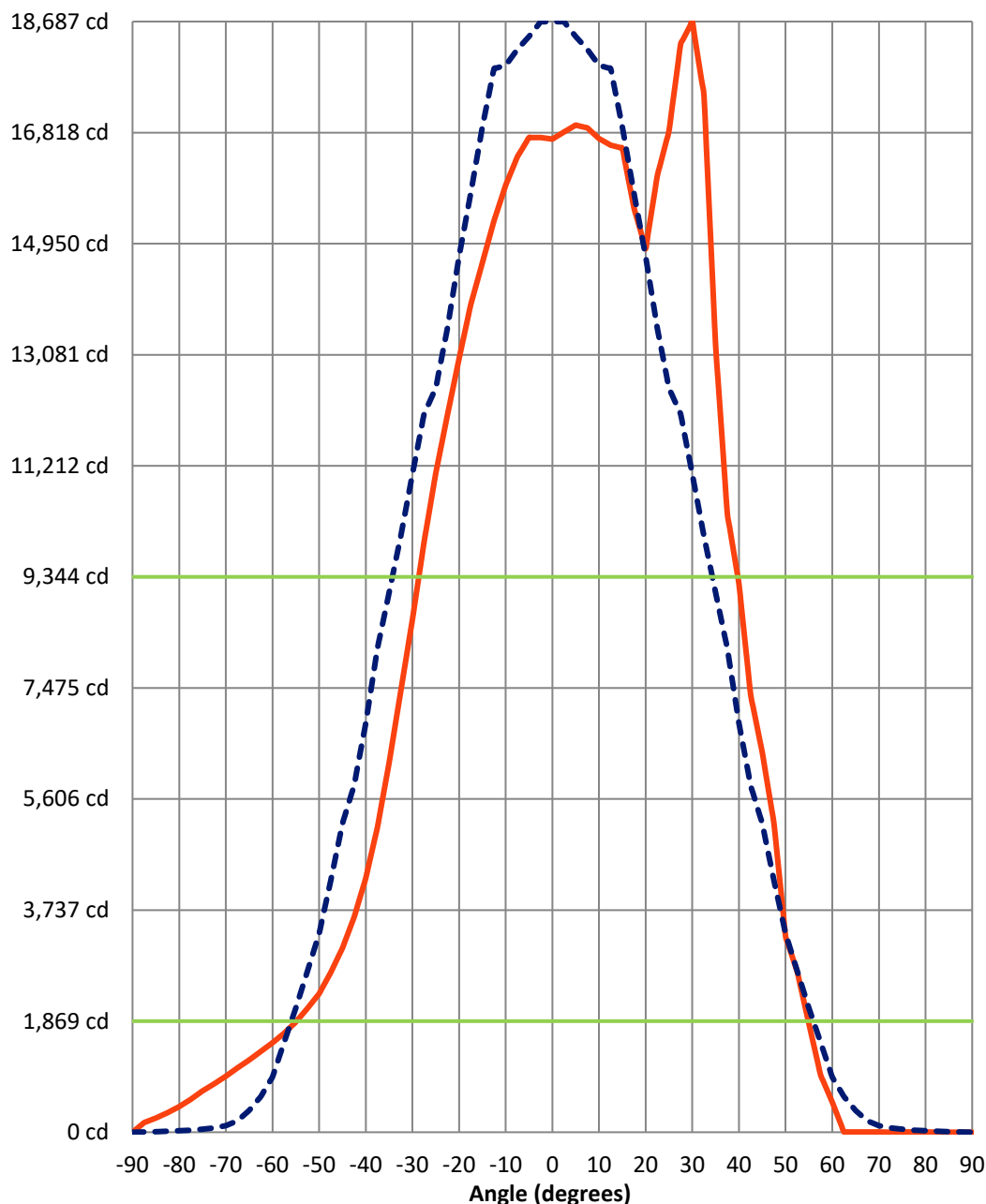
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 17077

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 25236.4

Efficiency: 94.3%

Spill:

Lumens: 1531.8

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	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	8.5	8.5	12.8
82.5°	0.0	4.3	4.3	4.3	8.5	8.5	8.5	8.5	12.8	12.8	17.0
80°	4.3	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0
77.5°	4.3	4.3	4.3	8.5	8.5	8.5	12.8	12.8	17.0	17.0	21.3
75°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	21.3
72.5°	0.0	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
70°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	12.8	17.0	17.0	17.0
67.5°	4.3	4.3	4.3	8.5	8.5	12.8	12.8	17.0	17.0	17.0	21.3
65°	4.3	4.3	4.3	8.5	12.8	12.8	17.0	21.3	21.3	25.6	29.8
62.5°	4.3	8.5	8.5	12.8	17.0	21.3	46.9	72.4	72.4	51.1	42.6
60°	507.1	549.7	545.5	494.3	430.4	362.2	349.5	336.7	311.1	272.7	285.5
57.5°	963.1	1014.3	1035.6	1022.8	988.7	929.0	894.9	856.6	805.4	745.8	677.6
55°	1824.0	1845.3	1798.4	1708.9	1610.9	1512.9	1478.8	1427.6	1350.9	1274.2	1171.9
52.5°	2697.6	2770.1	2748.7	2659.2	2527.1	2352.4	2160.6	2011.5	1922.0	1836.8	1734.5
50°	3294.2	3324.1	3383.7	3490.3	3528.6	3409.3	3098.2	2697.6	2412.1	2557.0	2446.2
47.5°	5199.2	5348.3	5318.5	5241.8	5113.9	4790.1	4355.4	3997.4	3699.1	3601.1	3618.1
45°	6388.2	6447.8	6426.5	6392.4	6332.8	6030.2	5548.6	4998.9	4721.9	4611.1	4496.0
42.5°	7364.1	7428.0	7440.8	7445.0	7381.1	7104.1	6669.4	6119.7	5842.7	5523.1	5271.6
40°	9226.4	9320.2	9213.6	9073.0	8859.9	8544.5	8118.4	7611.2	7121.2	6729.1	6430.8
37.5°	10415.4	10530.5	10573.1	10564.6	10517.7	10381.3	9857.1	9375.6	8625.5	7747.6	7905.3
35°	13236.6	13355.9	13321.8	13194.0	13125.8	12980.9	12469.5	11898.4	10956.6	10002.0	9746.3
32.5°	17442.8	17702.8	17216.9	16684.2	16356.1	16471.2	15951.2	14553.4	14118.7	12397.0	11600.1
30°	18687.2	18682.9	18435.8	18218.4	17949.9	17894.5	16914.4	15797.8	14732.4	13526.4	12520.6
27.5°	18307.9	18231.2	18022.4	17864.7	17613.3	17481.2	16522.3	15635.9	14404.3	13326.1	12354.4
25°	16846.2	16905.8	16692.8	16662.9	16564.9	16309.2	15831.9	14834.7	13735.2	12541.9	11843.0
22.5°	16091.9	16070.6	15814.9	15665.7	15785.0	15512.3	15320.5	14314.8	13168.4	12162.7	11323.1
20°	14864.5	14868.8	14804.9	14792.1	14719.6	14596.0	14442.6	13730.9	12921.2	12060.4	11050.4
17.5°	15550.6	15725.4	15802.1	15167.1	15346.1	15205.5	15043.5	14050.6	13441.1	12678.3	11361.5
15°	16556.4	16492.5	16415.8	16381.7	16283.6	16151.5	15857.5	15064.8	14016.5	13228.1	12201.0
12.5°	16607.5	16483.9	16454.1	16449.8	16347.6	16164.3	15878.8	15222.5	14293.5	13334.6	12499.3
10°	16718.3	16590.5	16573.4	16594.7	16437.1	16322.0	16036.5	15427.1	14378.7	13517.9	12729.5
7.5°	16897.3	16684.2	16782.3	16718.3	16645.9	16462.6	16155.8	15559.2	14689.8	13760.8	12934.0
5°	16944.2	16709.8	16816.3	16756.7	16650.1	16471.2	16138.7	15644.4	14881.6	13858.8	13015.0
2.5°	16829.1	16760.9	16714.1	16603.3	16556.4	16360.4	16045.0	15516.5	14792.1	13816.2	12997.9
0°	16709.8	16769.5	16662.9	16552.1	16530.8	16373.1	16104.7	15627.4	15000.9	13935.5	13142.8
-2.5°	16735.4	16688.5	16616.0	16501.0	16390.2	16164.3	15921.4	15473.9	14800.6	13675.5	12938.3
-5°	16735.4	16518.0	16526.6	16530.8	16420.0	16185.6	15891.6	15512.3	14681.3	13671.3	12878.6
-7.5°	16411.5	16224.0	16194.1	16168.6	16138.7	15921.4	15691.3	15218.2	14481.0	13560.5	12712.4
-10°	15934.2	15750.9	15768.0	15729.6	15635.9	15491.0	15316.3	14890.1	14284.9	13211.0	12375.7
-12.5°	15337.6	15256.6	15209.7	15145.8	15052.0	14924.2	14745.2	14344.6	13696.8	12780.6	11987.9
-15°	14630.1	14570.5	14527.9	14489.5	14353.1	14221.0	13986.6	13615.9	13211.0	12226.6	11416.9
-17.5°	13922.7	13773.5	13713.9	13662.7	13573.3	13360.2	13147.1	12870.1	12303.3	11523.4	10828.8
-20°	13015.0	12925.5	12853.0	12784.9	12657.0	12490.8	12316.1	11996.5	11506.4	10875.6	10155.4

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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°	12064.6	12013.5	11953.8	11868.6	11783.4	11625.7	11382.8	11075.9	10692.4	10010.5	9337.2
-25°	11084.5	10986.5	10914.0	10833.0	10764.8	10620.0	10385.6	10091.5	9609.9	9021.8	8459.3
-27.5°	9929.6	9835.8	9797.5	9703.7	9644.0	9511.9	9277.5	9004.8	8570.1	8075.8	7504.7
-30°	8625.5	8642.6	8599.9	8510.5	8438.0	8267.5	8088.6	7858.4	7517.5	7044.5	6533.1
-32.5°	7419.5	7440.8	7389.6	7295.9	7202.1	7078.5	6912.3	6703.5	6447.8	5996.1	5552.9
-35°	6213.4	6204.9	6162.3	6106.9	6043.0	5940.7	5753.2	5595.5	5301.5	4986.1	4679.3
-37.5°	5131.0	5152.3	5139.5	5109.7	5037.2	4952.0	4798.6	4653.7	4436.3	4159.3	3920.7
-40°	4274.4	4300.0	4282.9	4253.1	4189.2	4138.0	4035.8	3907.9	3733.2	3494.5	3294.2
-42.5°	3618.1	3635.2	3613.9	3588.3	3532.9	3494.5	3413.6	3307.0	3162.1	2978.9	2799.9
-45°	3098.2	3102.5	3081.1	3064.1	3021.5	2974.6	2906.4	2821.2	2706.1	2578.3	2433.4
-47.5°	2689.1	2684.8	2663.5	2646.5	2612.4	2569.8	2514.4	2437.6	2348.2	2250.1	2135.1
-50°	2331.1	2352.4	2343.9	2326.8	2301.3	2271.4	2216.0	2135.1	2045.6	1973.1	1892.2
-52.5°	2083.9	2088.2	2083.9	2083.9	2079.7	2058.4	1994.4	1913.5	1815.4	1751.5	1683.3
-55°	1853.8	1875.1	1883.6	1892.2	1896.4	1896.4	1819.7	1734.5	1640.7	1576.8	1525.7
-57.5°	1666.3	1679.1	1687.6	1708.9	1726.0	1738.7	1670.6	1593.8	1521.4	1461.7	1414.9
-60°	1504.4	1521.4	1534.2	1555.5	1568.3	1576.8	1534.2	1483.0	1440.4	1402.1	1333.9
-62.5°	1359.5	1372.2	1385.0	1397.8	1410.6	1419.1	1402.1	1376.5	1355.2	1338.1	1252.9
-65°	1214.6	1227.3	1240.1	1257.2	1270.0	1278.5	1274.2	1257.2	1240.1	1223.1	1146.4
-67.5°	1082.5	1095.2	1112.3	1116.5	1125.1	1129.3	1120.8	1108.0	1086.7	1065.4	1005.7
-70°	941.8	950.3	958.9	958.9	958.9	954.6	946.1	929.0	907.7	877.9	831.0
-72.5°	814.0	822.5	831.0	818.2	809.7	796.9	784.1	762.8	741.5	720.2	694.6
-75°	694.6	698.9	698.9	681.9	669.1	656.3	639.2	626.5	605.1	588.1	566.8
-77.5°	554.0	554.0	554.0	541.2	532.7	524.2	511.4	498.6	481.6	468.8	451.7
-80°	430.4	430.4	430.4	426.2	413.4	404.9	396.3	387.8	375.0	366.5	358.0
-82.5°	328.1	328.1	328.1	323.9	315.4	311.1	302.6	294.1	289.8	281.3	277.0
-85°	238.7	242.9	242.9	238.7	234.4	225.9	221.6	217.3	213.1	208.8	200.3
-87.5°	161.9	161.9	161.9	157.7	153.4	153.4	149.2	140.6	132.1	127.8	123.6
-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
85°	12.8	12.8	12.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	12.8
82.5°	21.3	21.3	25.6	25.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8
80°	21.3	25.6	29.8	34.1	38.4	42.6	42.6	42.6	42.6	38.4	38.4
77.5°	25.6	25.6	29.8	34.1	38.4	42.6	46.9	51.1	46.9	46.9	46.9
75°	25.6	29.8	29.8	34.1	38.4	42.6	46.9	51.1	51.1	51.1	51.1
72.5°	21.3	25.6	29.8	34.1	34.1	38.4	42.6	42.6	46.9	46.9	51.1
70°	21.3	25.6	29.8	29.8	34.1	34.1	38.4	42.6	42.6	46.9	46.9
67.5°	25.6	29.8	29.8	34.1	38.4	38.4	38.4	42.6	42.6	46.9	46.9
65°	29.8	34.1	34.1	38.4	42.6	42.6	46.9	46.9	46.9	51.1	51.1
62.5°	51.1	51.1	51.1	46.9	51.1	51.1	51.1	55.4	55.4	51.1	55.4
60°	264.2	191.8	132.1	166.2	149.2	68.2	68.2	68.2	63.9	63.9	59.7
57.5°	622.2	579.6	498.6	421.9	379.3	336.7	208.8	85.2	85.2	76.7	68.2
55°	1039.8	899.2	839.5	737.3	626.5	575.3	477.3	323.9	153.4	102.3	89.5
52.5°	1610.9	1478.8	1325.4	1116.5	967.4	848.1	767.1	609.4	409.1	217.3	136.4
50°	2156.4	2096.7	2003.0	1798.4	1487.3	1287.0	1154.9	975.9	733.0	447.5	255.7
47.5°	3473.2	2974.6	2672.0	2514.4	2254.4	1875.1	1619.4	1419.1	1125.1	754.3	451.7
45°	4372.4	4057.1	3575.5	3243.1	2859.5	2459.0	2126.5	1896.4	1547.0	1129.3	707.4
42.5°	5143.8	4871.0	4436.3	3950.5	3545.7	3021.5	2595.3	2292.8	1998.7	1542.7	1056.9
40°	6136.7	5812.8	5395.2	4922.2	4449.1	3780.1	3089.7	2723.2	2399.3	1994.4	1427.6
37.5°	7773.2	7202.1	6520.3	5996.1	5378.2	4811.4	3865.3	3217.5	2834.0	2412.1	1862.3
35°	9742.1	9115.6	7977.7	7283.1	6456.4	5612.6	4760.2	3801.4	3255.9	2808.4	2262.9
32.5°	11574.6	10658.3	9200.8	8386.9	7837.1	6281.6	5399.5	4568.5	3690.6	3140.8	2493.0
30°	12081.7	11071.7	10027.6	9077.2	8139.7	6882.5	5838.4	5190.7	4236.0	3341.1	2710.4
27.5°	11570.3	10875.6	10065.9	9183.8	8169.5	7091.3	6106.9	5489.0	4636.6	3477.5	2880.9
25°	11050.4	10325.9	9759.1	9021.8	8084.3	7078.5	6115.4	5676.5	4947.7	3741.7	2974.6
22.5°	10500.6	10048.9	9580.1	8757.6	7871.2	7116.9	6392.4	5838.4	5109.7	4040.0	3013.0
20°	10530.5	10236.4	9720.7	8621.3	7832.9	7342.8	6724.8	6043.0	5284.4	4300.0	3042.8
17.5°	11007.8	10624.2	9976.4	9021.8	8178.0	7572.9	7001.8	6324.2	5463.4	4530.1	3405.0
15°	11595.9	11012.0	10334.4	9494.9	8540.3	7824.3	7214.9	6520.3	5668.0	4743.2	3728.9
12.5°	12022.0	11191.0	10556.0	9797.5	8932.4	8097.1	7355.6	6669.4	5859.7	4917.9	3971.8
10°	12166.9	11412.6	10662.6	9985.0	9132.6	8242.0	7462.1	6763.2	6025.9	5054.3	4150.8
7.5°	12243.6	11604.4	10735.0	10070.2	9252.0	8331.5	7547.3	6814.3	6158.0	5148.0	4265.9
5°	12235.1	11706.7	10790.4	10095.8	9315.9	8369.8	7607.0	6827.1	6251.8	5229.0	4334.1
2.5°	12196.7	11774.8	10879.9	10138.4	9443.7	8442.3	7722.1	6852.7	6285.9	5318.5	4380.9
0°	12337.4	11779.1	10973.7	10151.2	9529.0	8467.8	7773.2	6831.4	6239.0	5344.1	4376.7
-2.5°	12034.8	11527.7	10952.4	10040.4	9413.9	8408.2	7679.4	6763.2	6136.7	5314.2	4359.6
-5°	11983.7	11344.4	10773.4	9938.1	9222.1	8284.6	7504.7	6635.3	5974.8	5216.2	4291.4
-7.5°	11847.3	11169.7	10598.6	9857.1	9043.2	8156.7	7338.5	6503.2	5800.1	5062.8	4193.4
-10°	11549.0	10901.2	10411.1	9682.4	8825.8	7973.5	7138.2	6328.5	5595.5	4854.0	4040.0
-12.5°	11122.8	10475.1	9989.2	9311.6	8553.1	7726.3	6899.6	6102.6	5361.1	4632.4	3856.8
-15°	10641.3	9985.0	9499.1	8881.2	8148.2	7342.8	6597.0	5817.1	5092.6	4398.0	3639.4
-17.5°	10095.8	9473.6	9004.8	8403.9	7675.2	6908.1	6166.6	5459.1	4781.5	4155.1	3388.0
-20°	9465.1	8859.9	8429.5	7828.6	7159.5	6413.7	5693.5	5024.4	4415.0	3826.9	3111.0

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CATALOG NUMBER: IFLD-L-SA7B-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°	8685.2	8152.5	7662.4	7125.4	6541.6	5859.7	5190.7	4598.3	4014.4	3439.1	2825.5
-25°	7888.3	7372.6	6895.3	6405.2	5846.9	5258.8	4687.8	4150.8	3579.8	3059.8	2548.4
-27.5°	7001.8	6541.6	6115.4	5663.7	5152.3	4645.2	4176.4	3652.2	3157.9	2714.7	2275.7
-30°	6055.8	5680.7	5310.0	4909.4	4496.0	4069.8	3652.2	3157.9	2770.1	2416.3	2045.6
-32.5°	5148.0	4811.4	4513.1	4214.7	3856.8	3507.3	3136.6	2770.1	2446.2	2135.1	1824.0
-35°	4351.1	3993.1	3826.9	3588.3	3302.8	2987.4	2684.8	2429.1	2169.2	1887.9	1610.9
-37.5°	3660.7	3430.6	3234.6	3055.6	2829.7	2557.0	2339.6	2130.8	1913.5	1657.8	1419.1
-40°	3119.5	2953.3	2757.3	2625.2	2441.9	2245.9	2028.5	1853.8	1670.6	1461.7	1265.7
-42.5°	2684.8	2548.4	2420.6	2280.0	2143.6	1977.4	1789.9	1623.7	1457.5	1304.1	1142.1
-45°	2326.8	2228.8	2126.5	2011.5	1892.2	1747.3	1593.8	1423.4	1304.1	1167.7	1031.3
-47.5°	2032.8	1960.3	1875.1	1785.6	1683.3	1555.5	1414.9	1291.3	1167.7	1052.6	920.5
-50°	1798.4	1730.2	1662.0	1585.3	1495.8	1385.0	1278.5	1163.4	1048.4	937.6	814.0
-52.5°	1602.4	1542.7	1487.3	1423.4	1338.1	1244.4	1146.4	1044.1	937.6	826.8	728.7
-55°	1466.0	1397.8	1342.4	1278.5	1201.8	1112.3	1022.8	929.0	826.8	741.5	660.6
-57.5°	1355.2	1278.5	1214.6	1146.4	1069.7	993.0	912.0	826.8	750.0	669.1	592.4
-60°	1261.4	1171.9	1099.5	1031.3	958.9	886.4	818.2	745.8	673.3	600.9	524.2
-62.5°	1163.4	1069.7	980.2	916.2	860.8	796.9	737.3	669.1	605.1	532.7	477.3
-65°	1052.6	963.1	877.9	822.5	771.4	716.0	660.6	600.9	545.5	490.1	438.9
-67.5°	929.0	852.3	792.7	741.5	690.4	643.5	592.4	541.2	494.3	438.9	387.8
-70°	779.9	737.3	703.2	664.8	617.9	575.3	528.4	481.6	430.4	383.5	336.7
-72.5°	664.8	639.2	613.7	575.3	532.7	494.3	456.0	413.4	370.8	328.1	289.8
-75°	545.5	524.2	502.9	477.3	443.2	413.4	379.3	340.9	306.8	277.0	247.2
-77.5°	438.9	421.9	409.1	387.8	362.2	336.7	315.4	289.8	264.2	234.4	204.6
-80°	349.5	340.9	336.7	328.1	306.8	285.5	268.5	247.2	221.6	200.3	179.0
-82.5°	272.7	272.7	268.5	264.2	247.2	230.1	217.3	200.3	183.2	166.2	144.9
-85°	200.3	196.0	196.0	191.8	179.0	170.5	157.7	149.2	136.4	119.3	110.8
-87.5°	119.3	115.1	110.8	106.5	98.0	93.8	85.2	81.0	72.4	63.9	59.7
-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-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	12.8	8.5	8.5	8.5	8.5	8.5	4.3	4.3	4.3	4.3	4.3
82.5°	25.6	25.6	21.3	21.3	17.0	12.8	8.5	8.5	8.5	4.3	4.3
80°	38.4	38.4	38.4	34.1	29.8	21.3	17.0	12.8	8.5	4.3	4.3
77.5°	46.9	42.6	42.6	38.4	38.4	34.1	25.6	21.3	12.8	8.5	4.3
75°	46.9	46.9	46.9	42.6	42.6	38.4	34.1	25.6	21.3	12.8	8.5
72.5°	51.1	46.9	46.9	46.9	42.6	38.4	34.1	29.8	25.6	17.0	8.5
70°	46.9	46.9	46.9	46.9	42.6	42.6	34.1	29.8	29.8	17.0	12.8
67.5°	46.9	46.9	46.9	42.6	42.6	38.4	34.1	29.8	29.8	21.3	12.8
65°	51.1	46.9	46.9	46.9	42.6	38.4	34.1	29.8	29.8	25.6	17.0
62.5°	55.4	51.1	51.1	46.9	42.6	38.4	34.1	29.8	29.8	25.6	17.0
60°	59.7	55.4	51.1	51.1	46.9	42.6	34.1	34.1	29.8	25.6	17.0
57.5°	63.9	59.7	59.7	55.4	51.1	46.9	38.4	34.1	29.8	25.6	21.3
55°	76.7	68.2	63.9	63.9	59.7	51.1	42.6	34.1	29.8	25.6	21.3
52.5°	102.3	81.0	72.4	72.4	68.2	59.7	46.9	38.4	29.8	25.6	21.3
50°	161.9	102.3	85.2	76.7	76.7	68.2	55.4	42.6	29.8	25.6	21.3
47.5°	255.7	170.5	102.3	89.5	85.2	81.0	63.9	42.6	34.1	25.6	21.3
45°	421.9	251.4	166.2	106.5	89.5	85.2	72.4	46.9	34.1	29.8	21.3
42.5°	579.6	392.1	255.7	127.8	106.5	93.8	76.7	51.1	38.4	29.8	21.3
40°	912.0	537.0	358.0	208.8	123.6	98.0	85.2	59.7	38.4	29.8	21.3
37.5°	1235.9	711.7	481.6	306.8	140.6	110.8	89.5	63.9	42.6	29.8	25.6
35°	1559.8	997.2	596.6	409.1	187.5	132.1	93.8	68.2	42.6	29.8	25.6
32.5°	1849.5	1265.7	716.0	511.4	281.3	157.7	102.3	72.4	46.9	34.1	25.6
30°	2088.2	1512.9	929.0	600.9	366.5	191.8	110.8	72.4	51.1	34.1	25.6
27.5°	2267.2	1704.6	1146.4	694.6	438.9	225.9	127.8	81.0	51.1	34.1	25.6
25°	2412.1	1853.8	1338.1	792.7	502.9	281.3	153.4	85.2	55.4	38.4	25.6
22.5°	2527.1	1977.4	1495.8	924.8	579.6	336.7	187.5	93.8	55.4	38.4	25.6
20°	2684.8	2101.0	1602.4	1065.4	660.6	387.8	217.3	102.3	55.4	38.4	29.8
17.5°	2821.2	2224.6	1687.6	1184.7	741.5	426.2	251.4	110.8	59.7	38.4	29.8
15°	2978.9	2343.9	1764.3	1278.5	818.2	460.3	281.3	119.3	59.7	42.6	29.8
12.5°	3149.3	2454.7	1819.7	1355.2	899.2	490.1	306.8	136.4	63.9	42.6	29.8
10°	3324.1	2548.4	1866.6	1410.6	958.9	519.9	323.9	153.4	68.2	42.6	29.8
7.5°	3498.8	2633.7	1926.3	1436.2	984.4	554.0	332.4	170.5	68.2	46.9	29.8
5°	3618.1	2689.1	2011.5	1453.2	997.2	592.4	345.2	191.8	72.4	46.9	29.8
2.5°	3720.4	2723.2	2101.0	1466.0	1001.5	613.7	340.9	204.6	76.7	46.9	29.8
0°	3767.3	2723.2	2160.6	1457.5	988.7	635.0	340.9	217.3	76.7	46.9	29.8
-2.5°	3694.8	2799.9	2143.6	1461.7	993.0	635.0	358.0	221.6	85.2	51.1	29.8
-5°	3579.8	2829.7	2092.5	1440.4	984.4	635.0	379.3	225.9	89.5	51.1	34.1
-7.5°	3469.0	2842.5	2032.8	1419.1	971.6	617.9	383.5	221.6	98.0	55.4	34.1
-10°	3324.1	2701.9	1956.1	1380.8	946.1	605.1	392.1	221.6	102.3	55.4	34.1
-12.5°	3157.9	2531.4	1862.3	1325.4	916.2	592.4	396.3	221.6	106.5	59.7	34.1
-15°	2966.1	2356.7	1755.8	1265.7	873.6	575.3	387.8	217.3	110.8	59.7	38.4
-17.5°	2748.7	2186.2	1645.0	1193.3	826.8	554.0	370.8	213.1	110.8	59.7	38.4
-20°	2501.6	2015.7	1521.4	1120.8	771.4	528.4	353.7	204.6	110.8	59.7	38.4

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CATALOG NUMBER: IFLD-L-SA7B-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°	2280.0	1858.1	1393.5	1039.8	711.7	498.6	332.4	196.0	110.8	63.9	38.4
-25°	2096.7	1704.6	1295.5	958.9	647.8	464.5	311.1	187.5	110.8	63.9	38.4
-27.5°	1904.9	1538.4	1193.3	882.2	605.1	434.7	289.8	179.0	106.5	63.9	38.4
-30°	1708.9	1376.5	1086.7	796.9	562.5	404.9	272.7	166.2	106.5	63.9	38.4
-32.5°	1529.9	1244.4	988.7	711.7	515.7	375.0	255.7	161.9	102.3	63.9	38.4
-35°	1355.2	1125.1	886.4	643.5	464.5	345.2	238.7	157.7	102.3	63.9	38.4
-37.5°	1210.3	1014.3	792.7	596.6	434.7	319.6	221.6	149.2	98.0	63.9	38.4
-40°	1091.0	912.0	703.2	545.5	409.1	294.1	204.6	144.9	98.0	63.9	38.4
-42.5°	980.2	814.0	647.8	502.9	383.5	277.0	191.8	140.6	93.8	63.9	38.4
-45°	882.2	728.7	592.4	464.5	353.7	255.7	183.2	132.1	89.5	63.9	42.6
-47.5°	784.1	669.1	541.2	430.4	323.9	230.1	174.7	127.8	85.2	59.7	42.6
-50°	707.4	605.1	498.6	392.1	294.1	221.6	166.2	119.3	85.2	59.7	42.6
-52.5°	639.2	545.5	451.7	353.7	268.5	208.8	157.7	110.8	81.0	59.7	42.6
-55°	575.3	490.1	404.9	315.4	251.4	196.0	144.9	102.3	81.0	59.7	42.6
-57.5°	511.4	438.9	358.0	285.5	230.1	183.2	136.4	102.3	81.0	59.7	42.6
-60°	460.3	392.1	323.9	264.2	213.1	166.2	123.6	98.0	76.7	59.7	42.6
-62.5°	417.6	353.7	294.1	238.7	196.0	149.2	119.3	98.0	76.7	59.7	38.4
-65°	375.0	319.6	264.2	217.3	174.7	140.6	115.1	93.8	76.7	59.7	38.4
-67.5°	332.4	281.3	238.7	191.8	161.9	136.4	110.8	93.8	72.4	55.4	38.4
-70°	289.8	247.2	208.8	179.0	153.4	127.8	106.5	89.5	72.4	51.1	34.1
-72.5°	255.7	217.3	187.5	166.2	144.9	123.6	102.3	85.2	68.2	46.9	29.8
-75°	217.3	191.8	170.5	149.2	132.1	115.1	98.0	76.7	59.7	42.6	29.8
-77.5°	183.2	166.2	149.2	136.4	119.3	102.3	85.2	68.2	55.4	38.4	25.6
-80°	157.7	144.9	132.1	119.3	106.5	89.5	76.7	59.7	46.9	34.1	21.3
-82.5°	127.8	119.3	106.5	98.0	89.5	76.7	63.9	51.1	34.1	25.6	17.0
-85°	98.0	89.5	85.2	76.7	68.2	55.4	42.6	34.1	25.6	17.0	8.5
-87.5°	51.1	46.9	42.6	38.4	34.1	25.6	21.3	17.0	12.8	8.5	4.3
-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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CATALOG NUMBER: IFLD-L-SA7B-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	8.5	4.3	0.0	0.0
65°	8.5	4.3	0.0	0.0
62.5°	8.5	4.3	0.0	0.0
60°	8.5	4.3	0.0	0.0
57.5°	12.8	4.3	4.3	0.0
55°	12.8	4.3	4.3	0.0
52.5°	12.8	4.3	4.3	0.0
50°	12.8	8.5	4.3	0.0
47.5°	12.8	8.5	4.3	0.0
45°	12.8	8.5	4.3	0.0
42.5°	12.8	8.5	4.3	0.0
40°	17.0	8.5	4.3	0.0
37.5°	17.0	8.5	4.3	0.0
35°	17.0	8.5	4.3	0.0
32.5°	17.0	8.5	4.3	0.0
30°	17.0	8.5	4.3	0.0
27.5°	17.0	12.8	4.3	0.0
25°	17.0	12.8	4.3	0.0
22.5°	21.3	12.8	4.3	0.0
20°	21.3	12.8	4.3	0.0
17.5°	21.3	12.8	4.3	0.0
15°	21.3	12.8	4.3	0.0
12.5°	21.3	12.8	4.3	0.0
10°	21.3	12.8	4.3	0.0
7.5°	21.3	12.8	4.3	0.0
5°	21.3	12.8	4.3	0.0
2.5°	21.3	12.8	4.3	0.0
0°	21.3	12.8	4.3	0.0
-2.5°	21.3	12.8	4.3	0.0
-5°	21.3	12.8	4.3	0.0
-7.5°	21.3	12.8	4.3	0.0
-10°	21.3	12.8	4.3	0.0
-12.5°	25.6	12.8	4.3	0.0
-15°	25.6	12.8	4.3	0.0
-17.5°	25.6	12.8	4.3	0.0
-20°	25.6	12.8	4.3	0.0

REPORT NUMBER: P722589

CATALOG NUMBER: IFLD-L-SA7B-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.6	12.8	4.3	0.0
-25°	25.6	12.8	4.3	0.0
-27.5°	25.6	12.8	4.3	0.0
-30°	25.6	12.8	4.3	0.0
-32.5°	25.6	12.8	4.3	0.0
-35°	25.6	12.8	4.3	0.0
-37.5°	25.6	12.8	4.3	0.0
-40°	25.6	12.8	4.3	0.0
-42.5°	21.3	12.8	4.3	0.0
-45°	25.6	12.8	4.3	0.0
-47.5°	25.6	12.8	4.3	0.0
-50°	25.6	12.8	4.3	0.0
-52.5°	25.6	12.8	4.3	0.0
-55°	25.6	12.8	4.3	0.0
-57.5°	25.6	12.8	4.3	0.0
-60°	25.6	12.8	4.3	0.0
-62.5°	21.3	12.8	4.3	0.0
-65°	21.3	8.5	4.3	0.0
-67.5°	21.3	8.5	4.3	0.0
-70°	21.3	8.5	4.3	0.0
-72.5°	17.0	8.5	4.3	0.0
-75°	17.0	8.5	4.3	0.0
-77.5°	12.8	4.3	0.0	0.0
-80°	12.8	4.3	0.0	0.0
-82.5°	8.5	4.3	0.0	0.0
-85°	4.3	4.3	0.0	0.0
-87.5°	4.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)