

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: P722577

Luminaire Tested: **IFLD-S-SA3E-827-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722577
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-827-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	20274.8 lumens	Max Intensity:	14154.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	87.4 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:	12934.5 lumens	Field Lumens:	19114.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

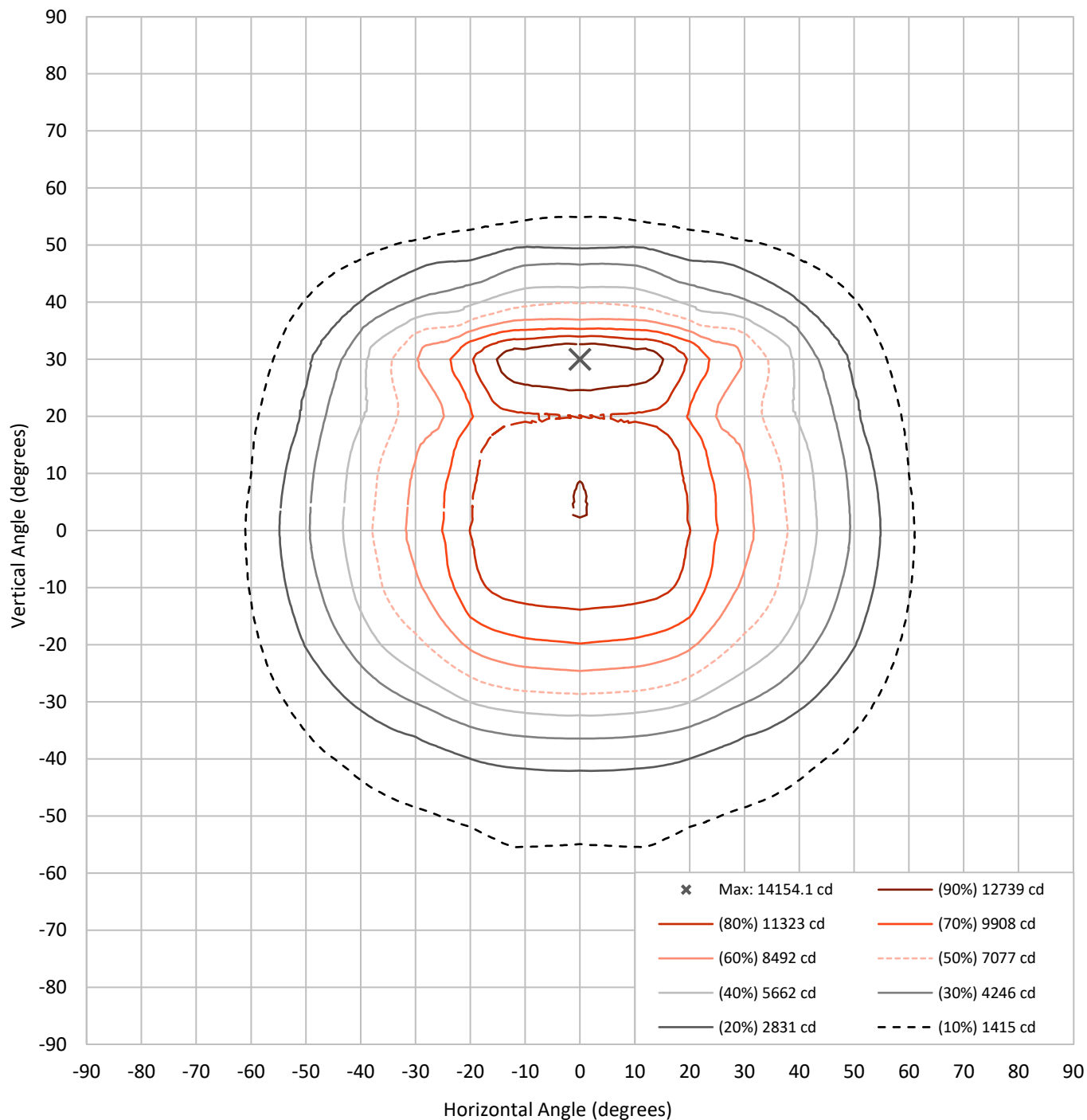
Input Watts (W): 232.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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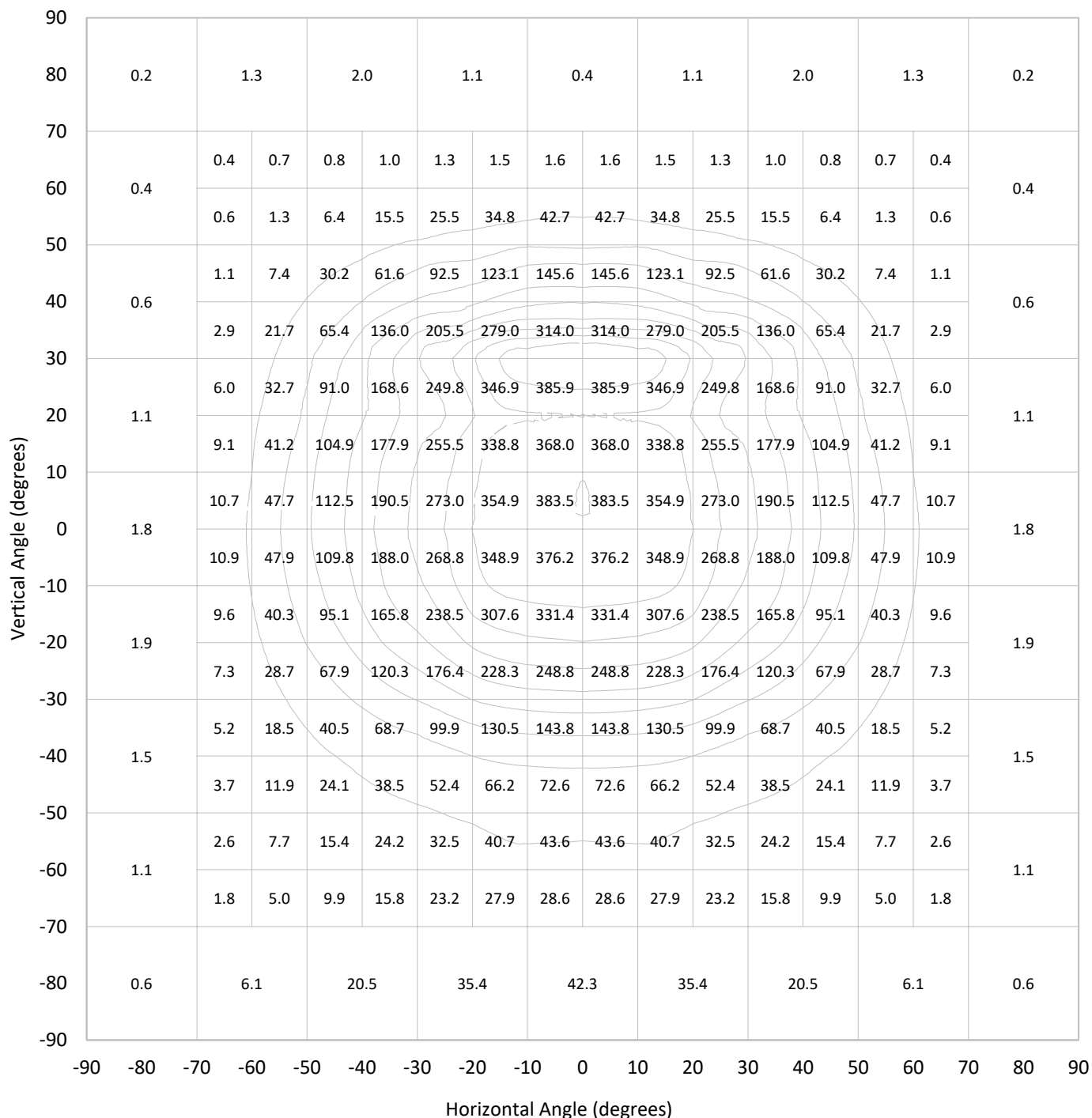
Iso-Candela Plot



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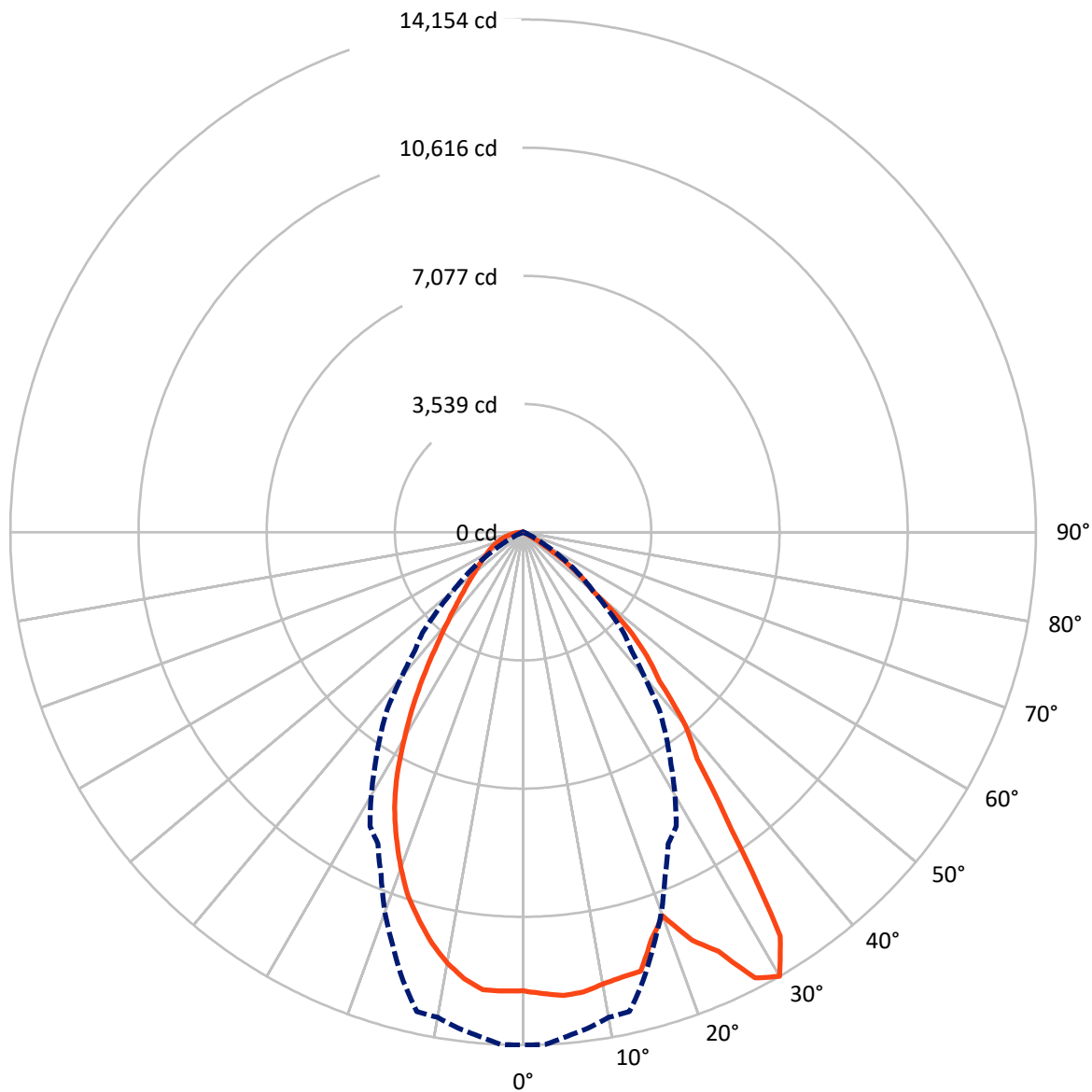
Lumen Table



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Luminous Intensity Polar Plot



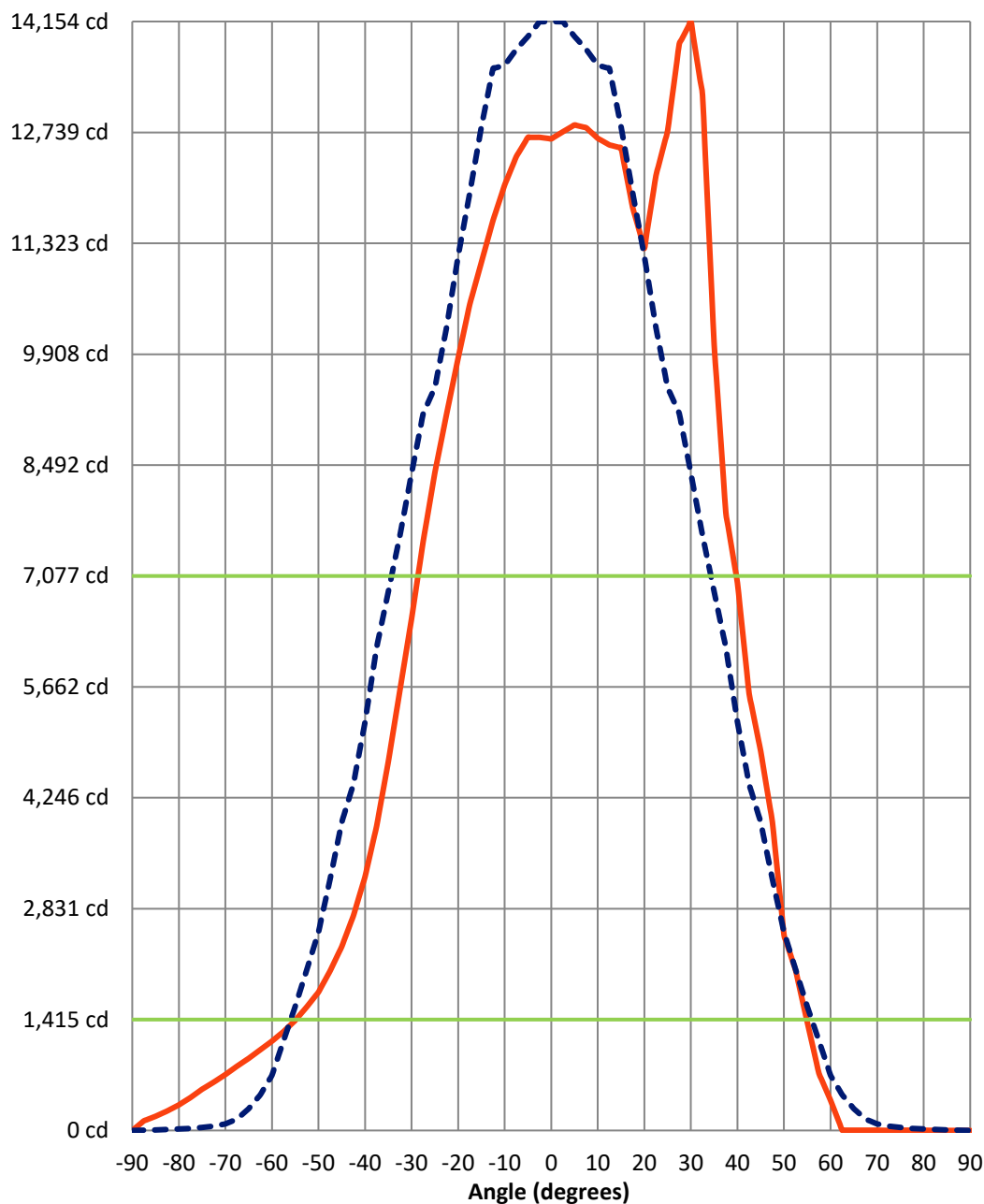
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 12934.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 19114.6

Efficiency: 94.3%

Spill:

Lumens: 1160.2

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	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	6.5	6.5	9.7
82.5°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	9.7	9.7	12.9
80°	3.2	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9
77.5°	3.2	3.2	3.2	6.5	6.5	6.5	9.7	9.7	12.9	12.9	16.1
75°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	16.1
72.5°	0.0	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
70°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	9.7	12.9	12.9	12.9
67.5°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	12.9	12.9	12.9	16.1
65°	3.2	3.2	3.2	6.5	9.7	9.7	12.9	16.1	16.1	19.4	22.6
62.5°	3.2	6.5	6.5	9.7	12.9	16.1	35.5	54.9	54.9	38.7	32.3
60°	384.1	416.4	413.2	374.4	326.0	274.4	264.7	255.0	235.6	206.6	216.3
57.5°	729.5	768.2	784.4	774.7	748.9	703.7	677.8	648.8	610.1	564.9	513.2
55°	1381.5	1397.7	1362.1	1294.4	1220.1	1145.9	1120.1	1081.3	1023.2	965.1	887.7
52.5°	2043.2	2098.1	2082.0	2014.2	1914.1	1781.8	1636.5	1523.5	1455.8	1391.2	1313.7
50°	2495.1	2517.7	2562.9	2643.6	2672.7	2582.3	2346.6	2043.2	1827.0	1936.7	1852.8
47.5°	3938.0	4050.9	4028.3	3970.2	3873.4	3628.1	3298.9	3027.7	2801.8	2727.5	2740.4
45°	4838.5	4883.7	4867.6	4841.8	4796.6	4567.4	4202.6	3786.3	3576.4	3492.5	3405.4
42.5°	5577.7	5626.1	5635.8	5639.0	5590.6	5380.8	5051.6	4635.2	4425.4	4183.3	3992.8
40°	6988.3	7059.3	6978.6	6872.1	6710.7	6471.8	6149.0	5764.9	5393.7	5096.8	4870.8
37.5°	7888.8	7976.0	8008.3	8001.8	7966.3	7863.0	7466.0	7101.2	6533.1	5868.2	5987.6
35°	10025.7	10116.0	10090.2	9993.4	9941.7	9832.0	9444.7	9012.1	8298.8	7575.7	7382.1
32.5°	13211.5	13408.4	13040.5	12637.0	12388.4	12475.6	12081.8	11023.1	10693.8	9389.8	8786.2
30°	14154.1	14150.8	13963.6	13799.0	13595.7	13553.7	12811.3	11965.6	11158.6	10245.2	9483.4
27.5°	13866.8	13808.7	13650.5	13531.1	13340.7	13240.6	12514.3	11842.9	10910.1	10093.5	9357.5
25°	12759.7	12804.8	12643.4	12620.9	12546.6	12352.9	11991.4	11236.1	10403.3	9499.5	8970.2
22.5°	12188.3	12172.2	11978.5	11865.5	11955.9	11749.3	11604.1	10842.3	9974.0	9212.3	8576.4
20°	11258.7	11261.9	11213.5	11203.8	11149.0	11055.4	10939.1	10400.1	9786.8	9134.8	8369.8
17.5°	11778.4	11910.7	11968.8	11487.9	11623.5	11516.9	11394.3	10642.2	10180.6	9602.8	8605.4
15°	12540.2	12491.7	12433.6	12407.8	12333.6	12233.5	12010.8	11410.4	10616.4	10019.2	9241.3
12.5°	12578.9	12485.3	12462.7	12459.5	12382.0	12243.2	12026.9	11529.8	10826.2	10099.9	9467.3
10°	12662.8	12566.0	12553.1	12569.2	12449.8	12362.6	12146.4	11684.8	10890.7	10238.7	9641.6
7.5°	12798.4	12637.0	12711.2	12662.8	12607.9	12469.1	12236.7	11784.8	11126.4	10422.7	9796.5
5°	12833.9	12656.4	12737.1	12691.9	12611.2	12475.6	12223.8	11849.4	11271.6	10496.9	9857.8
2.5°	12746.7	12695.1	12659.6	12575.7	12540.2	12391.7	12152.8	11752.6	11203.8	10464.7	9844.9
0°	12656.4	12701.5	12620.9	12536.9	12520.8	12401.4	12198.0	11836.5	11362.0	10555.0	9954.7
-2.5°	12675.7	12640.2	12585.3	12498.2	12414.3	12243.2	12059.2	11720.3	11210.3	10358.1	9799.7
-5°	12675.7	12511.1	12517.6	12520.8	12436.9	12259.3	12036.6	11749.3	11119.9	10354.9	9754.5
-7.5°	12430.4	12288.4	12265.8	12246.4	12223.8	12059.2	11884.9	11526.6	10968.2	10271.0	9628.6
-10°	12068.9	11930.1	11943.0	11914.0	11842.9	11733.2	11600.9	11278.1	10819.7	10006.3	9373.6
-12.5°	11617.0	11555.7	11520.2	11471.7	11400.7	11303.9	11168.3	10864.9	10374.3	9680.3	9079.9
-15°	11081.2	11036.0	11003.7	10974.7	10871.4	10771.3	10593.8	10312.9	10006.3	9260.7	8647.4
-17.5°	10545.4	10432.4	10387.2	10348.5	10280.7	10119.3	9957.9	9748.1	9318.8	8728.1	8201.9
-20°	9857.8	9790.0	9735.2	9683.5	9586.7	9460.8	9328.5	9086.4	8715.2	8237.4	7691.9

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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°	9138.0	9099.3	9054.1	8989.5	8925.0	8805.5	8621.6	8389.2	8098.7	7582.2	7072.2
-25°	8395.6	8321.4	8266.5	8205.2	8153.5	8043.8	7866.2	7643.5	7278.8	6833.3	6407.3
-27.5°	7520.9	7449.9	7420.8	7349.8	7304.6	7204.5	7027.0	6820.4	6491.2	6116.8	5684.2
-30°	6533.1	6546.1	6513.8	6446.0	6391.1	6262.0	6126.4	5952.1	5693.9	5335.6	4948.3
-32.5°	5619.7	5635.8	5597.1	5526.1	5455.0	5361.4	5235.6	5077.4	4883.7	4541.6	4205.9
-35°	4706.2	4699.7	4667.5	4625.5	4577.1	4499.6	4357.6	4238.2	4015.4	3776.6	3544.2
-37.5°	3886.3	3902.5	3892.8	3870.2	3815.3	3750.7	3634.5	3524.8	3360.2	3150.4	2969.6
-40°	3237.5	3256.9	3244.0	3221.4	3173.0	3134.2	3056.8	2959.9	2827.6	2646.8	2495.1
-42.5°	2740.4	2753.3	2737.2	2717.8	2675.9	2646.8	2585.5	2504.8	2395.1	2256.3	2120.7
-45°	2346.6	2349.9	2333.7	2320.8	2288.5	2253.0	2201.4	2136.8	2049.7	1952.8	1843.1
-47.5°	2036.8	2033.5	2017.4	2004.5	1978.7	1946.4	1904.4	1846.3	1778.5	1704.3	1617.1
-50°	1765.6	1781.8	1775.3	1762.4	1743.0	1720.4	1678.5	1617.1	1549.4	1494.5	1433.2
-52.5°	1578.4	1581.6	1578.4	1578.4	1575.2	1559.0	1510.6	1449.3	1375.1	1326.6	1275.0
-55°	1404.1	1420.2	1426.7	1433.2	1436.4	1436.4	1378.3	1313.7	1242.7	1194.3	1155.6
-57.5°	1262.1	1271.8	1278.2	1294.4	1307.3	1317.0	1265.3	1207.2	1152.3	1107.1	1071.6
-60°	1139.4	1152.3	1162.0	1178.2	1187.8	1194.3	1162.0	1123.3	1091.0	1062.0	1010.3
-62.5°	1029.7	1039.4	1049.0	1058.7	1068.4	1074.9	1062.0	1042.6	1026.5	1013.5	949.0
-65°	919.9	929.6	939.3	952.2	961.9	968.4	965.1	952.2	939.3	926.4	868.3
-67.5°	819.9	829.6	842.5	845.7	852.1	855.4	848.9	839.2	823.1	807.0	761.8
-70°	713.4	719.8	726.3	726.3	726.3	723.0	716.6	703.7	687.5	664.9	629.4
-72.5°	616.5	623.0	629.4	619.7	613.3	603.6	593.9	577.8	561.6	545.5	526.1
-75°	526.1	529.4	529.4	516.5	506.8	497.1	484.2	474.5	458.4	445.4	429.3
-77.5°	419.6	419.6	419.6	409.9	403.5	397.0	387.3	377.7	364.7	355.1	342.2
-80°	326.0	326.0	326.0	322.8	313.1	306.6	300.2	293.7	284.0	277.6	271.1
-82.5°	248.5	248.5	248.5	245.3	238.9	235.6	229.2	222.7	219.5	213.0	209.8
-85°	180.8	184.0	184.0	180.8	177.5	171.1	167.8	164.6	161.4	158.2	151.7
-87.5°	122.7	122.7	122.7	119.4	116.2	116.2	113.0	106.5	100.1	96.8	93.6
-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	9.7	9.7	9.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	9.7
82.5°	16.1	16.1	19.4	19.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6
80°	16.1	19.4	22.6	25.8	29.1	32.3	32.3	32.3	32.3	29.1	29.1
77.5°	19.4	19.4	22.6	25.8	29.1	32.3	35.5	38.7	35.5	35.5	35.5
75°	19.4	22.6	22.6	25.8	29.1	32.3	35.5	38.7	38.7	38.7	38.7
72.5°	16.1	19.4	22.6	25.8	25.8	29.1	32.3	32.3	35.5	35.5	38.7
70°	16.1	19.4	22.6	22.6	25.8	25.8	29.1	32.3	32.3	35.5	35.5
67.5°	19.4	22.6	22.6	25.8	29.1	29.1	29.1	32.3	32.3	35.5	35.5
65°	22.6	25.8	25.8	29.1	32.3	32.3	35.5	35.5	35.5	38.7	38.7
62.5°	38.7	38.7	38.7	35.5	38.7	38.7	38.7	42.0	42.0	38.7	42.0
60°	200.1	145.3	100.1	125.9	113.0	51.6	51.6	51.6	48.4	48.4	45.2
57.5°	471.3	439.0	377.7	319.6	287.3	255.0	158.2	64.6	64.6	58.1	51.6
55°	787.6	681.1	635.9	558.4	474.5	435.8	361.5	245.3	116.2	77.5	67.8
52.5°	1220.1	1120.1	1003.9	845.7	732.7	642.3	581.0	461.6	309.9	164.6	103.3
50°	1633.3	1588.1	1517.1	1362.1	1126.5	974.8	874.7	739.2	555.2	338.9	193.7
47.5°	2630.7	2253.0	2023.9	1904.4	1707.5	1420.2	1226.6	1074.9	852.1	571.3	342.2
45°	3311.8	3072.9	2708.2	2456.4	2165.9	1862.5	1610.7	1436.4	1171.7	855.4	535.8
42.5°	3896.0	3689.4	3360.2	2992.2	2685.6	2288.5	1965.8	1736.6	1513.9	1168.5	800.5
40°	4648.1	4402.8	4086.4	3728.2	3369.9	2863.1	2340.2	2062.6	1817.3	1510.6	1081.3
37.5°	5887.6	5455.0	4938.6	4541.6	4073.5	3644.2	2927.7	2437.0	2146.5	1827.0	1410.6
35°	7378.8	6904.3	6042.5	5516.4	4890.2	4251.1	3605.5	2879.2	2466.1	2127.1	1714.0
32.5°	8766.8	8072.8	6968.9	6352.4	5936.0	4757.8	4089.7	3460.2	2795.3	2378.9	1888.3
30°	9150.9	8385.9	7595.1	6875.3	6165.2	5213.0	4422.1	3931.5	3208.5	2530.6	2052.9
27.5°	8763.6	8237.4	7624.2	6956.0	6187.8	5371.1	4625.5	4157.5	3511.9	2633.9	2182.0
25°	8369.8	7821.1	7391.8	6833.3	6123.2	5361.4	4632.0	4299.5	3747.5	2834.0	2253.0
22.5°	7953.4	7611.2	7256.2	6633.2	5961.8	5390.5	4841.8	4422.1	3870.2	3060.0	2282.1
20°	7976.0	7753.3	7362.7	6529.9	5932.8	5561.6	5093.5	4577.1	4002.5	3256.9	2304.7
17.5°	8337.5	8047.0	7556.4	6833.3	6194.2	5735.9	5303.3	4790.1	4138.1	3431.2	2579.0
15°	8783.0	8340.7	7827.5	7191.6	6468.6	5926.3	5464.7	4938.6	4293.0	3592.6	2824.4
12.5°	9105.7	8476.3	7995.4	7420.8	6765.6	6132.9	5571.3	5051.6	4438.3	3724.9	3008.3
10°	9215.5	8644.2	8076.1	7562.8	6917.3	6242.6	5651.9	5122.6	4564.2	3828.2	3143.9
7.5°	9273.6	8789.4	8130.9	7627.4	7007.6	6310.4	5716.5	5161.3	4664.2	3899.2	3231.1
5°	9267.1	8866.9	8172.9	7646.8	7056.1	6339.5	5761.7	5171.0	4735.2	3960.6	3282.7
2.5°	9238.1	8918.5	8240.7	7679.0	7152.9	6394.4	5848.8	5190.4	4761.1	4028.3	3318.2
0°	9344.6	8921.7	8311.7	7688.7	7217.4	6413.7	5887.6	5174.2	4725.6	4047.7	3315.0
-2.5°	9115.4	8731.3	8295.5	7604.8	7130.3	6368.5	5816.6	5122.6	4648.1	4025.1	3302.1
-5°	9076.7	8592.5	8160.0	7527.3	6985.0	6274.9	5684.2	5025.7	4525.4	3950.9	3250.4
-7.5°	8973.4	8460.2	8027.6	7466.0	6849.5	6178.1	5558.3	4925.7	4393.1	3834.7	3176.2
-10°	8747.4	8256.8	7885.6	7333.7	6684.9	6039.3	5406.6	4793.3	4238.2	3676.5	3060.0
-12.5°	8424.7	7934.0	7566.1	7052.8	6478.3	5852.1	5225.9	4622.3	4060.6	3508.7	2921.2
-15°	8059.9	7562.8	7194.9	6726.8	6171.6	5561.6	4996.7	4406.0	3857.3	3331.1	2756.6
-17.5°	7646.8	7175.5	6820.4	6365.3	5813.3	5232.3	4670.7	4134.9	3621.6	3147.1	2566.1
-20°	7169.0	6710.7	6384.7	5929.5	5422.8	4857.9	4312.4	3805.6	3344.0	2898.6	2356.3

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CATALOG NUMBER: IFLD-S-SA3E-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°	6578.3	6174.9	5803.7	5396.9	4954.7	4438.3	3931.5	3482.8	3040.6	2604.9	2140.1
-25°	5974.7	5584.2	5222.6	4851.4	4428.6	3983.2	3550.6	3143.9	2711.4	2317.6	1930.2
-27.5°	5303.3	4954.7	4632.0	4289.8	3902.5	3518.3	3163.3	2766.3	2391.8	2056.1	1723.7
-30°	4586.8	4302.7	4021.9	3718.5	3405.4	3082.6	2766.3	2391.8	2098.1	1830.2	1549.4
-32.5°	3899.2	3644.2	3418.3	3192.3	2921.2	2656.5	2375.7	2098.1	1852.8	1617.1	1381.5
-35°	3295.6	3024.5	2898.6	2717.8	2501.6	2262.7	2033.5	1839.9	1643.0	1429.9	1220.1
-37.5°	2772.7	2598.4	2449.9	2314.4	2143.3	1936.7	1772.1	1613.9	1449.3	1255.6	1074.9
-40°	2362.8	2236.9	2088.4	1988.3	1849.6	1701.1	1536.5	1404.1	1265.3	1107.1	958.7
-42.5°	2033.5	1930.2	1833.4	1726.9	1623.6	1497.7	1355.7	1229.8	1103.9	987.7	865.1
-45°	1762.4	1688.2	1610.7	1523.5	1433.2	1323.4	1207.2	1078.1	987.7	884.4	781.1
-47.5°	1539.7	1484.8	1420.2	1352.5	1275.0	1178.2	1071.6	978.0	884.4	797.3	697.2
-50°	1362.1	1310.5	1258.9	1200.8	1133.0	1049.0	968.4	881.2	794.0	710.1	616.5
-52.5°	1213.7	1168.5	1126.5	1078.1	1013.5	942.5	868.3	790.8	710.1	626.2	552.0
-55°	1110.4	1058.7	1016.8	968.4	910.3	842.5	774.7	703.7	626.2	561.6	500.3
-57.5°	1026.5	968.4	919.9	868.3	810.2	752.1	690.8	626.2	568.1	506.8	448.7
-60°	955.4	887.7	832.8	781.1	726.3	671.4	619.7	564.9	510.0	455.1	397.0
-62.5°	881.2	810.2	742.4	694.0	652.0	603.6	558.4	506.8	458.4	403.5	361.5
-65°	797.3	729.5	664.9	623.0	584.2	542.3	500.3	455.1	413.2	371.2	332.5
-67.5°	703.7	645.6	600.4	561.6	522.9	487.4	448.7	409.9	374.4	332.5	293.7
-70°	590.7	558.4	532.6	503.5	468.0	435.8	400.3	364.7	326.0	290.5	255.0
-72.5°	503.5	484.2	464.8	435.8	403.5	374.4	345.4	313.1	280.8	248.5	219.5
-75°	413.2	397.0	380.9	361.5	335.7	313.1	287.3	258.2	232.4	209.8	187.2
-77.5°	332.5	319.6	309.9	293.7	274.4	255.0	238.9	219.5	200.1	177.5	154.9
-80°	264.7	258.2	255.0	248.5	232.4	216.3	203.4	187.2	167.8	151.7	135.6
-82.5°	206.6	206.6	203.4	200.1	187.2	174.3	164.6	151.7	138.8	125.9	109.7
-85°	151.7	148.5	148.5	145.3	135.6	129.1	119.4	113.0	103.3	90.4	83.9
-87.5°	90.4	87.2	83.9	80.7	74.2	71.0	64.6	61.3	54.9	48.4	45.2
-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-SA3E-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	9.7	6.5	6.5	6.5	6.5	6.5	3.2	3.2	3.2	3.2	3.2
82.5°	19.4	19.4	16.1	16.1	12.9	9.7	6.5	6.5	6.5	3.2	3.2
80°	29.1	29.1	29.1	25.8	22.6	16.1	12.9	9.7	6.5	3.2	3.2
77.5°	35.5	32.3	32.3	29.1	29.1	25.8	19.4	16.1	9.7	6.5	3.2
75°	35.5	35.5	35.5	32.3	32.3	29.1	25.8	19.4	16.1	9.7	6.5
72.5°	38.7	35.5	35.5	35.5	32.3	29.1	25.8	22.6	19.4	12.9	6.5
70°	35.5	35.5	35.5	35.5	32.3	32.3	25.8	22.6	22.6	12.9	9.7
67.5°	35.5	35.5	35.5	32.3	32.3	29.1	25.8	22.6	22.6	16.1	9.7
65°	38.7	35.5	35.5	35.5	32.3	29.1	25.8	22.6	22.6	19.4	12.9
62.5°	42.0	38.7	38.7	35.5	32.3	29.1	25.8	22.6	22.6	19.4	12.9
60°	45.2	42.0	38.7	38.7	35.5	32.3	25.8	25.8	22.6	19.4	12.9
57.5°	48.4	45.2	45.2	42.0	38.7	35.5	29.1	25.8	22.6	19.4	16.1
55°	58.1	51.6	48.4	48.4	45.2	38.7	32.3	25.8	22.6	19.4	16.1
52.5°	77.5	61.3	54.9	54.9	51.6	45.2	35.5	29.1	22.6	19.4	16.1
50°	122.7	77.5	64.6	58.1	58.1	51.6	42.0	32.3	22.6	19.4	16.1
47.5°	193.7	129.1	77.5	67.8	64.6	61.3	48.4	32.3	25.8	19.4	16.1
45°	319.6	190.4	125.9	80.7	67.8	64.6	54.9	35.5	25.8	22.6	16.1
42.5°	439.0	297.0	193.7	96.8	80.7	71.0	58.1	38.7	29.1	22.6	16.1
40°	690.8	406.7	271.1	158.2	93.6	74.2	64.6	45.2	29.1	22.6	16.1
37.5°	936.1	539.0	364.7	232.4	106.5	83.9	67.8	48.4	32.3	22.6	19.4
35°	1181.4	755.3	451.9	309.9	142.0	100.1	71.0	51.6	32.3	22.6	19.4
32.5°	1400.9	958.7	542.3	387.3	213.0	119.4	77.5	54.9	35.5	25.8	19.4
30°	1581.6	1145.9	703.7	455.1	277.6	145.3	83.9	54.9	38.7	25.8	19.4
27.5°	1717.2	1291.1	868.3	526.1	332.5	171.1	96.8	61.3	38.7	25.8	19.4
25°	1827.0	1404.1	1013.5	600.4	380.9	213.0	116.2	64.6	42.0	29.1	19.4
22.5°	1914.1	1497.7	1133.0	700.4	439.0	255.0	142.0	71.0	42.0	29.1	19.4
20°	2033.5	1591.3	1213.7	807.0	500.3	293.7	164.6	77.5	42.0	29.1	22.6
17.5°	2136.8	1684.9	1278.2	897.3	561.6	322.8	190.4	83.9	45.2	29.1	22.6
15°	2256.3	1775.3	1336.3	968.4	619.7	348.6	213.0	90.4	45.2	32.3	22.6
12.5°	2385.4	1859.2	1378.3	1026.5	681.1	371.2	232.4	103.3	48.4	32.3	22.6
10°	2517.7	1930.2	1413.8	1068.4	726.3	393.8	245.3	116.2	51.6	32.3	22.6
7.5°	2650.1	1994.8	1459.0	1087.8	745.6	419.6	251.8	129.1	51.6	35.5	22.6
5°	2740.4	2036.8	1523.5	1100.7	755.3	448.7	261.5	145.3	54.9	35.5	22.6
2.5°	2817.9	2062.6	1591.3	1110.4	758.5	464.8	258.2	154.9	58.1	35.5	22.6
0°	2853.4	2062.6	1636.5	1103.9	748.9	480.9	258.2	164.6	58.1	35.5	22.6
-2.5°	2798.5	2120.7	1623.6	1107.1	752.1	480.9	271.1	167.8	64.6	38.7	22.6
-5°	2711.4	2143.3	1584.9	1091.0	745.6	480.9	287.3	171.1	67.8	38.7	25.8
-7.5°	2627.5	2153.0	1539.7	1074.9	735.9	468.0	290.5	167.8	74.2	42.0	25.8
-10°	2517.7	2046.5	1481.6	1045.8	716.6	458.4	297.0	167.8	77.5	42.0	25.8
-12.5°	2391.8	1917.3	1410.6	1003.9	694.0	448.7	300.2	167.8	80.7	45.2	25.8
-15°	2246.6	1785.0	1329.9	958.7	661.7	435.8	293.7	164.6	83.9	45.2	29.1
-17.5°	2082.0	1655.9	1245.9	903.8	626.2	419.6	280.8	161.4	83.9	45.2	29.1
-20°	1894.7	1526.8	1152.3	848.9	584.2	400.3	267.9	154.9	83.9	45.2	29.1



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CATALOG NUMBER: IFLD-S-SA3E-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°	1726.9	1407.3	1055.5	787.6	539.0	377.7	251.8	148.5	83.9	48.4	29.1
-25°	1588.1	1291.1	981.3	726.3	490.6	351.8	235.6	142.0	83.9	48.4	29.1
-27.5°	1442.8	1165.3	903.8	668.2	458.4	329.2	219.5	135.6	80.7	48.4	29.1
-30°	1294.4	1042.6	823.1	603.6	426.1	306.6	206.6	125.9	80.7	48.4	29.1
-32.5°	1158.8	942.5	748.9	539.0	390.6	284.0	193.7	122.7	77.5	48.4	29.1
-35°	1026.5	852.1	671.4	487.4	351.8	261.5	180.8	119.4	77.5	48.4	29.1
-37.5°	916.7	768.2	600.4	451.9	329.2	242.1	167.8	113.0	74.2	48.4	29.1
-40°	826.3	690.8	532.6	413.2	309.9	222.7	154.9	109.7	74.2	48.4	29.1
-42.5°	742.4	616.5	490.6	380.9	290.5	209.8	145.3	106.5	71.0	48.4	29.1
-45°	668.2	552.0	448.7	351.8	267.9	193.7	138.8	100.1	67.8	48.4	32.3
-47.5°	593.9	506.8	409.9	326.0	245.3	174.3	132.3	96.8	64.6	45.2	32.3
-50°	535.8	458.4	377.7	297.0	222.7	167.8	125.9	90.4	64.6	45.2	32.3
-52.5°	484.2	413.2	342.2	267.9	203.4	158.2	119.4	83.9	61.3	45.2	32.3
-55°	435.8	371.2	306.6	238.9	190.4	148.5	109.7	77.5	61.3	45.2	32.3
-57.5°	387.3	332.5	271.1	216.3	174.3	138.8	103.3	77.5	61.3	45.2	32.3
-60°	348.6	297.0	245.3	200.1	161.4	125.9	93.6	74.2	58.1	45.2	32.3
-62.5°	316.3	267.9	222.7	180.8	148.5	113.0	90.4	74.2	58.1	45.2	29.1
-65°	284.0	242.1	200.1	164.6	132.3	106.5	87.2	71.0	58.1	45.2	29.1
-67.5°	251.8	213.0	180.8	145.3	122.7	103.3	83.9	71.0	54.9	42.0	29.1
-70°	219.5	187.2	158.2	135.6	116.2	96.8	80.7	67.8	54.9	38.7	25.8
-72.5°	193.7	164.6	142.0	125.9	109.7	93.6	77.5	64.6	51.6	35.5	22.6
-75°	164.6	145.3	129.1	113.0	100.1	87.2	74.2	58.1	45.2	32.3	22.6
-77.5°	138.8	125.9	113.0	103.3	90.4	77.5	64.6	51.6	42.0	29.1	19.4
-80°	119.4	109.7	100.1	90.4	80.7	67.8	58.1	45.2	35.5	25.8	16.1
-82.5°	96.8	90.4	80.7	74.2	67.8	58.1	48.4	38.7	25.8	19.4	12.9
-85°	74.2	67.8	64.6	58.1	51.6	42.0	32.3	25.8	19.4	12.9	6.5
-87.5°	38.7	35.5	32.3	29.1	25.8	19.4	16.1	12.9	9.7	6.5	3.2
-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-SA3E-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	6.5	3.2	0.0	0.0
65°	6.5	3.2	0.0	0.0
62.5°	6.5	3.2	0.0	0.0
60°	6.5	3.2	0.0	0.0
57.5°	9.7	3.2	3.2	0.0
55°	9.7	3.2	3.2	0.0
52.5°	9.7	3.2	3.2	0.0
50°	9.7	6.5	3.2	0.0
47.5°	9.7	6.5	3.2	0.0
45°	9.7	6.5	3.2	0.0
42.5°	9.7	6.5	3.2	0.0
40°	12.9	6.5	3.2	0.0
37.5°	12.9	6.5	3.2	0.0
35°	12.9	6.5	3.2	0.0
32.5°	12.9	6.5	3.2	0.0
30°	12.9	6.5	3.2	0.0
27.5°	12.9	9.7	3.2	0.0
25°	12.9	9.7	3.2	0.0
22.5°	16.1	9.7	3.2	0.0
20°	16.1	9.7	3.2	0.0
17.5°	16.1	9.7	3.2	0.0
15°	16.1	9.7	3.2	0.0
12.5°	16.1	9.7	3.2	0.0
10°	16.1	9.7	3.2	0.0
7.5°	16.1	9.7	3.2	0.0
5°	16.1	9.7	3.2	0.0
2.5°	16.1	9.7	3.2	0.0
0°	16.1	9.7	3.2	0.0
-2.5°	16.1	9.7	3.2	0.0
-5°	16.1	9.7	3.2	0.0
-7.5°	16.1	9.7	3.2	0.0
-10°	16.1	9.7	3.2	0.0
-12.5°	19.4	9.7	3.2	0.0
-15°	19.4	9.7	3.2	0.0
-17.5°	19.4	9.7	3.2	0.0
-20°	19.4	9.7	3.2	0.0



REPORT NUMBER: P722577

CATALOG NUMBER: IFLD-S-SA3E-827-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.4	9.7	3.2	0.0
-25°	19.4	9.7	3.2	0.0
-27.5°	19.4	9.7	3.2	0.0
-30°	19.4	9.7	3.2	0.0
-32.5°	19.4	9.7	3.2	0.0
-35°	19.4	9.7	3.2	0.0
-37.5°	19.4	9.7	3.2	0.0
-40°	19.4	9.7	3.2	0.0
-42.5°	16.1	9.7	3.2	0.0
-45°	19.4	9.7	3.2	0.0
-47.5°	19.4	9.7	3.2	0.0
-50°	19.4	9.7	3.2	0.0
-52.5°	19.4	9.7	3.2	0.0
-55°	19.4	9.7	3.2	0.0
-57.5°	19.4	9.7	3.2	0.0
-60°	19.4	9.7	3.2	0.0
-62.5°	16.1	9.7	3.2	0.0
-65°	16.1	6.5	3.2	0.0
-67.5°	16.1	6.5	3.2	0.0
-70°	16.1	6.5	3.2	0.0
-72.5°	12.9	6.5	3.2	0.0
-75°	12.9	6.5	3.2	0.0
-77.5°	9.7	3.2	0.0	0.0
-80°	9.7	3.2	0.0	0.0
-82.5°	6.5	3.2	0.0	0.0
-85°	3.2	3.2	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)