

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: P722719

Luminaire Tested: **IFLD-S-SA3B-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722719
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

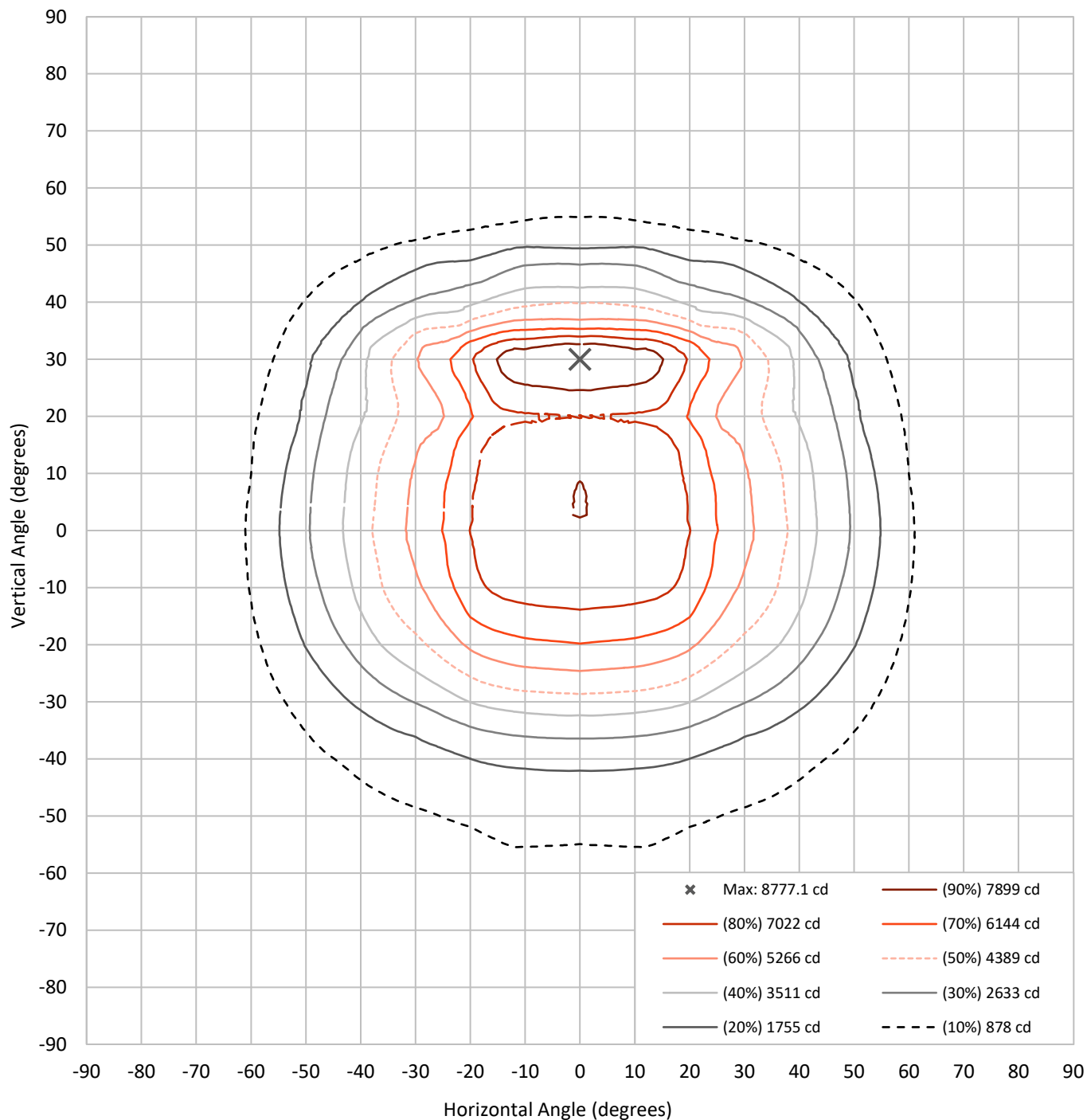
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	12572.7 lumens	Max Intensity:	8777.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	8020.8 lumens	Field Lumens:	11853.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%
Input Watts (W):	122.4		
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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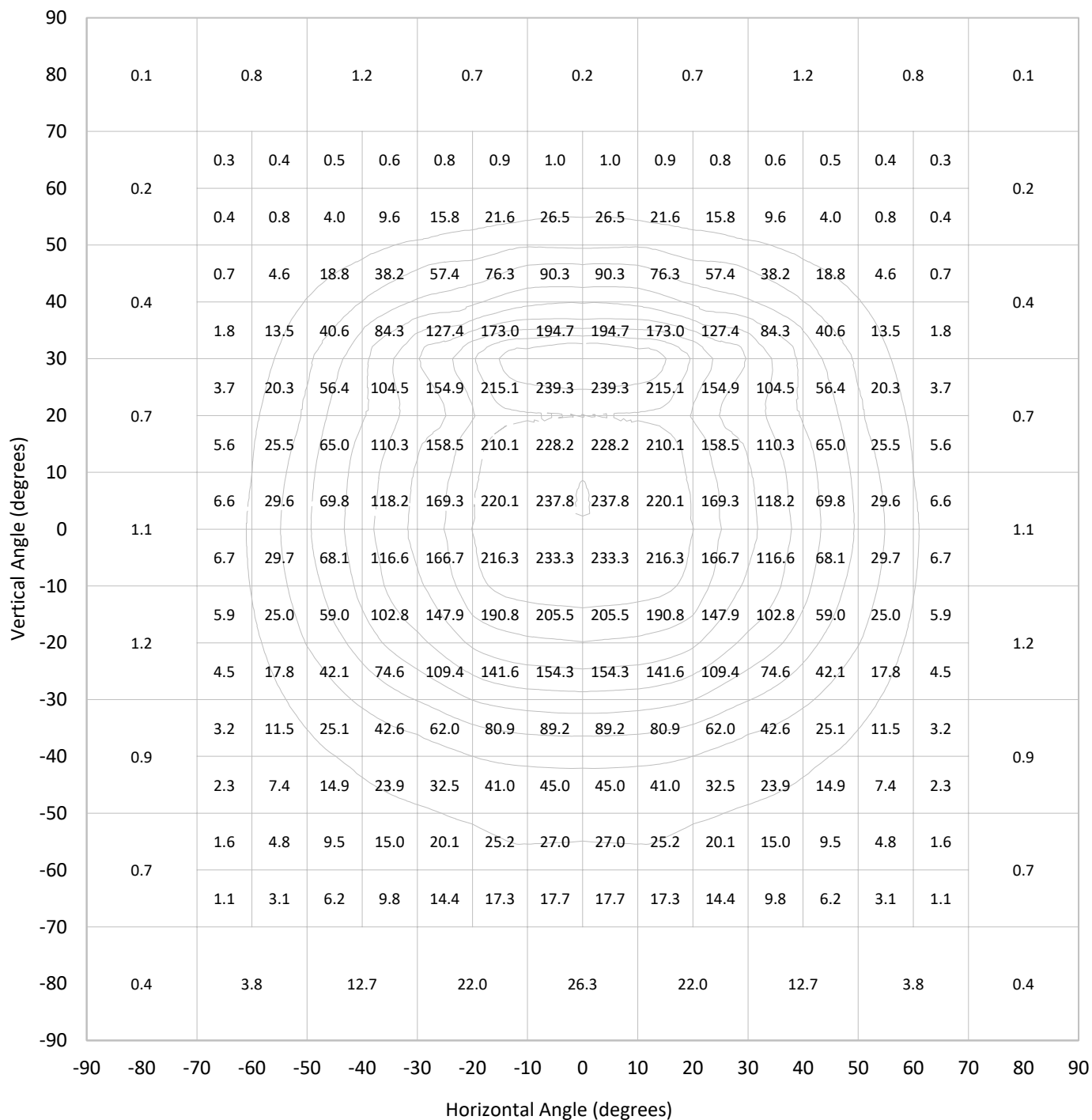
Iso-Candela Plot



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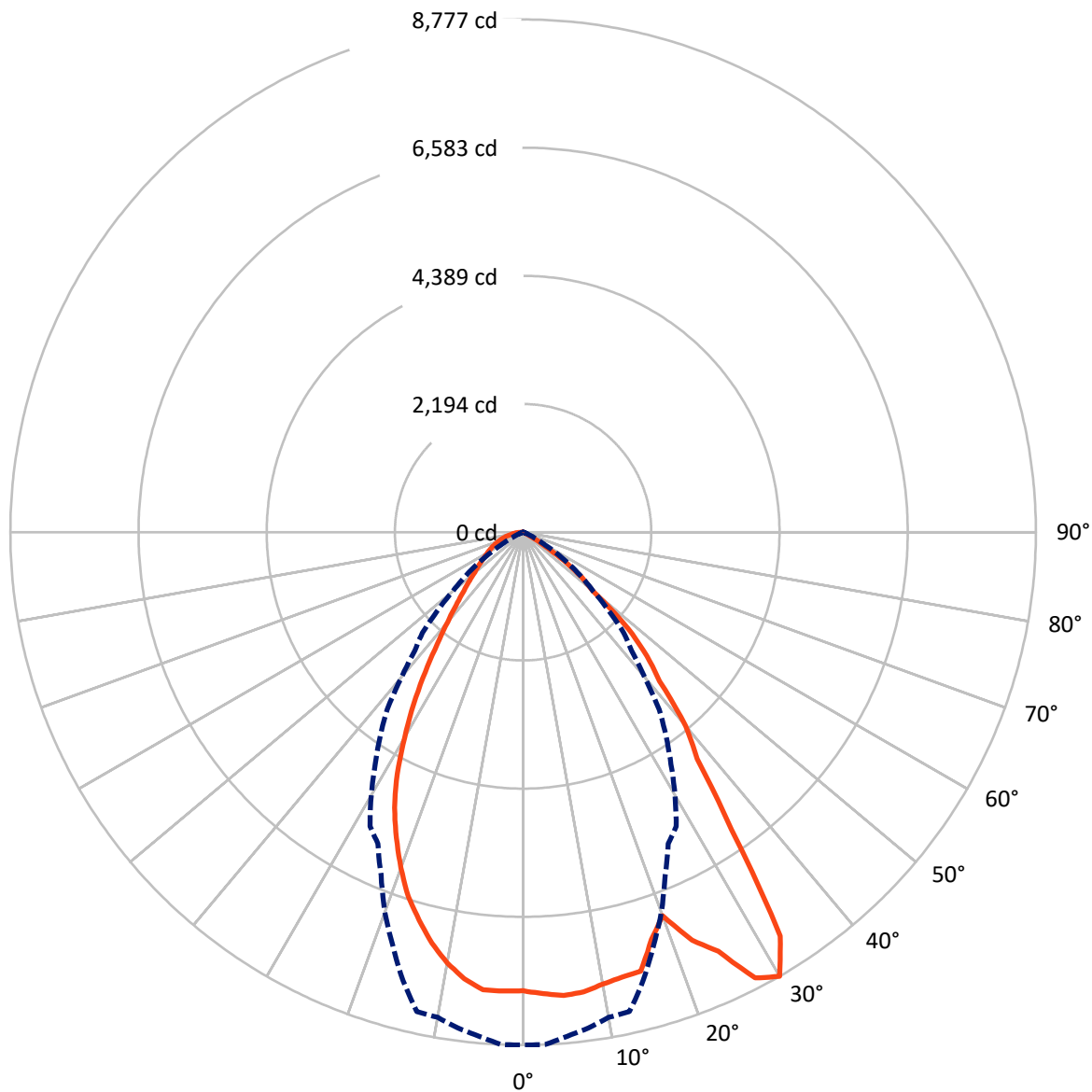
Lumen Table



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Luminous Intensity Polar Plot



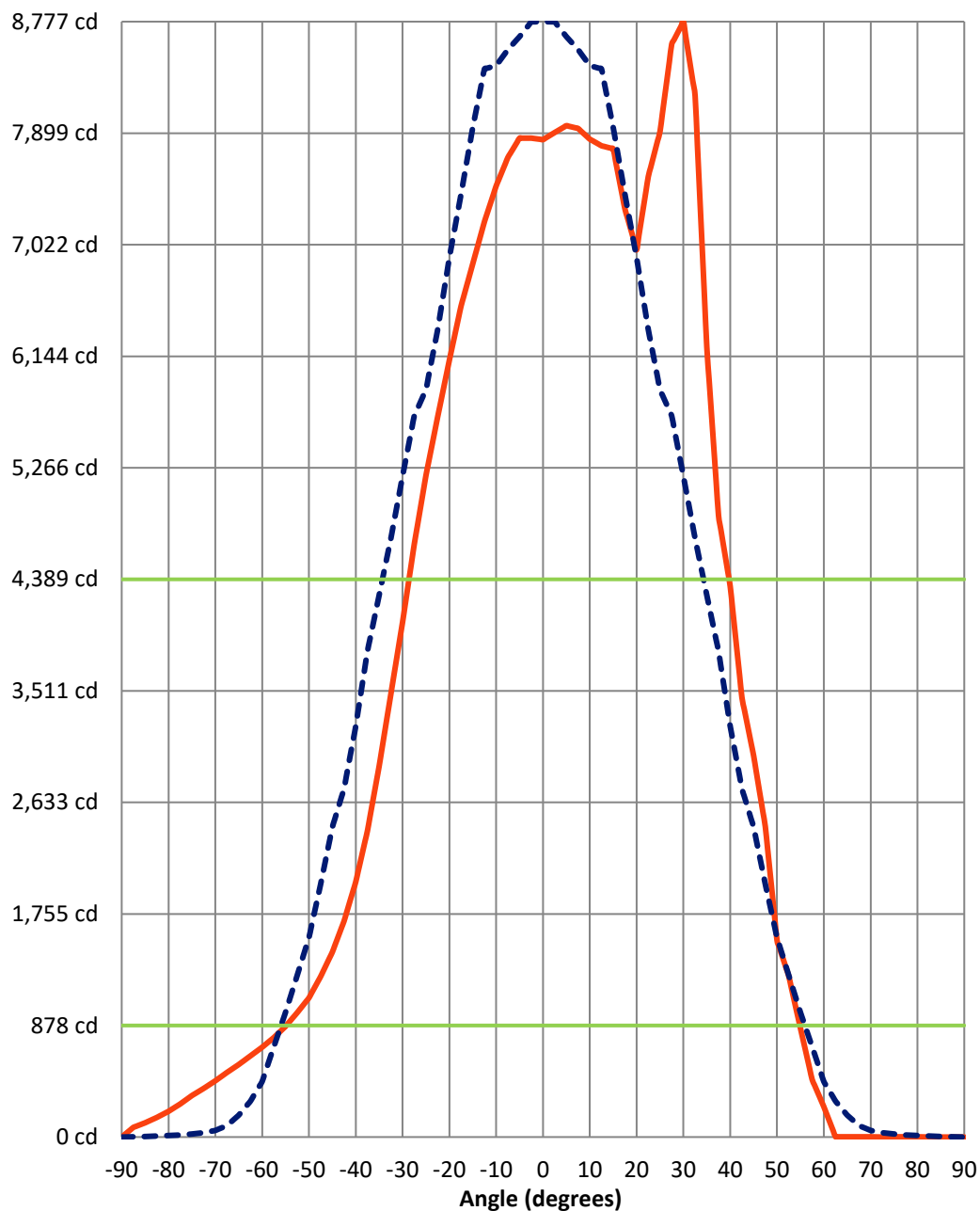
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 8020.8

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 11853.2

Efficiency: 94.3%

Spill:

Lumens: 719.4

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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	0.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0
82.5°	0.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	6.0	6.0	8.0
80°	2.0	2.0	2.0	2.0	4.0	4.0	4.0	6.0	6.0	8.0	8.0
77.5°	2.0	2.0	2.0	4.0	4.0	4.0	6.0	6.0	8.0	8.0	10.0
75°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	8.0	8.0	10.0
72.5°	0.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	8.0	8.0	8.0
70°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	6.0	8.0	8.0	8.0
67.5°	2.0	2.0	2.0	4.0	4.0	6.0	6.0	8.0	8.0	8.0	10.0
65°	2.0	2.0	2.0	4.0	6.0	6.0	8.0	10.0	10.0	12.0	14.0
62.5°	2.0	4.0	4.0	6.0	8.0	10.0	22.0	34.0	34.0	24.0	20.0
60°	238.2	258.2	256.2	232.2	202.2	170.1	164.1	158.1	146.1	128.1	134.1
57.5°	452.4	476.4	486.4	480.4	464.4	436.4	420.3	402.3	378.3	350.3	318.3
55°	856.7	866.7	844.7	802.7	756.6	710.6	694.6	670.5	634.5	598.5	550.4
52.5°	1267.0	1301.1	1291.0	1249.0	1187.0	1104.9	1014.8	944.8	902.7	862.7	814.7
50°	1547.3	1561.3	1589.3	1639.3	1657.3	1601.3	1455.2	1267.0	1132.9	1201.0	1148.9
47.5°	2442.0	2512.0	2498.0	2462.0	2401.9	2249.8	2045.7	1877.5	1737.4	1691.4	1699.4
45°	3000.4	3028.5	3018.5	3002.4	2974.4	2832.3	2606.1	2347.9	2217.8	2165.8	2111.7
42.5°	3458.8	3488.8	3494.8	3496.8	3466.8	3336.7	3132.5	2874.3	2744.2	2594.1	2476.0
40°	4333.5	4377.6	4327.5	4261.5	4161.4	4013.3	3813.1	3574.9	3344.7	3160.6	3020.5
37.5°	4892.0	4946.0	4966.0	4962.0	4940.0	4876.0	4629.8	4403.6	4051.3	3639.0	3713.0
35°	6217.0	6273.1	6257.1	6197.0	6165.0	6096.9	5856.8	5588.5	5146.2	4697.8	4577.7
32.5°	8192.7	8314.7	8086.6	7836.4	7682.2	7736.3	7492.1	6835.5	6631.4	5822.7	5448.4
30°	8777.1	8775.1	8659.0	8556.9	8430.8	8404.8	7944.4	7420.0	6919.6	6353.2	5880.8
27.5°	8599.0	8563.0	8464.9	8390.8	8272.7	8210.7	7760.3	7344.0	6765.5	6259.1	5802.7
25°	7912.4	7940.4	7840.4	7826.4	7780.3	7660.2	7436.0	6967.7	6451.2	5890.8	5562.5
22.5°	7558.1	7548.1	7428.0	7358.0	7414.0	7285.9	7195.8	6723.5	6185.0	5712.6	5318.3
20°	6981.7	6983.7	6953.6	6947.6	6913.6	6855.6	6783.5	6449.2	6068.9	5664.6	5190.2
17.5°	7303.9	7386.0	7422.0	7123.8	7207.9	7141.8	7065.7	6599.4	6313.1	5954.8	5336.3
15°	7776.3	7746.3	7710.3	7694.2	7648.2	7586.2	7448.0	7075.7	6583.3	6213.0	5730.7
12.5°	7800.3	7742.3	7728.3	7726.3	7678.2	7592.2	7458.1	7149.8	6713.4	6263.1	5870.8
10°	7852.4	7792.3	7784.3	7794.3	7720.3	7666.2	7532.1	7245.9	6753.5	6349.2	5978.9
7.5°	7936.4	7836.4	7882.4	7852.4	7818.3	7732.3	7588.2	7307.9	6899.6	6463.2	6074.9
5°	7958.5	7848.4	7898.4	7870.4	7820.3	7736.3	7580.2	7348.0	6989.7	6509.3	6113.0
2.5°	7904.4	7872.4	7850.4	7798.3	7776.3	7684.2	7536.1	7287.9	6947.6	6489.3	6105.0
0°	7848.4	7876.4	7826.4	7774.3	7764.3	7690.2	7564.1	7340.0	7045.7	6545.3	6173.0
-2.5°	7860.4	7838.4	7804.3	7750.3	7698.2	7592.2	7478.1	7267.9	6951.6	6423.2	6076.9
-5°	7860.4	7758.3	7762.3	7764.3	7712.3	7602.2	7464.1	7285.9	6895.6	6421.2	6048.9
-7.5°	7708.3	7620.2	7606.2	7594.2	7580.2	7478.1	7370.0	7147.8	6801.5	6369.2	5970.8
-10°	7484.1	7398.0	7406.0	7388.0	7344.0	7275.9	7193.8	6993.7	6709.4	6205.0	5812.7
-12.5°	7203.8	7165.8	7143.8	7113.8	7069.7	7009.7	6925.6	6737.5	6433.2	6002.9	5630.6
-15°	6871.6	6843.6	6823.5	6805.5	6741.5	6679.4	6569.3	6395.2	6205.0	5742.7	5362.4
-17.5°	6539.3	6469.3	6441.2	6417.2	6375.2	6275.1	6175.0	6044.9	5778.7	5412.4	5086.1
-20°	6113.0	6070.9	6036.9	6004.9	5944.8	5866.8	5784.7	5634.6	5404.4	5108.1	4769.9

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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°	5666.6	5642.6	5614.6	5574.5	5534.5	5460.4	5346.3	5202.2	5022.1	4701.8	4385.6
-25°	5206.2	5160.2	5126.2	5088.1	5056.1	4988.0	4878.0	4739.8	4513.7	4237.4	3973.2
-27.5°	4663.8	4619.8	4601.7	4557.7	4529.7	4467.6	4357.5	4229.4	4025.3	3793.1	3524.9
-30°	4051.3	4059.3	4039.3	3997.2	3963.2	3883.2	3799.1	3691.0	3530.9	3308.7	3068.5
-32.5°	3484.8	3494.8	3470.8	3426.8	3382.7	3324.7	3246.6	3148.6	3028.5	2816.3	2608.1
-35°	2918.4	2914.4	2894.3	2868.3	2838.3	2790.3	2702.2	2628.1	2490.0	2341.9	2197.8
-37.5°	2410.0	2420.0	2414.0	2399.9	2365.9	2325.9	2253.8	2185.8	2083.7	1953.6	1841.5
-40°	2007.6	2019.6	2011.6	1997.6	1967.6	1943.6	1895.5	1835.5	1753.4	1641.3	1547.3
-42.5°	1699.4	1707.4	1697.4	1685.4	1659.3	1641.3	1603.3	1553.3	1485.2	1399.1	1315.1
-45°	1455.2	1457.2	1447.2	1439.2	1419.2	1397.1	1365.1	1325.1	1271.0	1211.0	1142.9
-47.5°	1263.0	1261.0	1251.0	1243.0	1227.0	1207.0	1181.0	1144.9	1102.9	1056.9	1002.8
-50°	1094.9	1104.9	1100.9	1092.9	1080.9	1066.9	1040.8	1002.8	960.8	926.8	888.7
-52.5°	978.8	980.8	978.8	978.8	976.8	966.8	936.8	898.7	852.7	822.7	790.6
-55°	870.7	880.7	884.7	888.7	890.7	890.7	854.7	814.7	770.6	740.6	716.6
-57.5°	782.6	788.6	792.6	802.7	810.7	816.7	784.6	748.6	714.6	686.6	664.5
-60°	706.6	714.6	720.6	730.6	736.6	740.6	720.6	696.6	676.5	658.5	626.5
-62.5°	638.5	644.5	650.5	656.5	662.5	666.5	658.5	646.5	636.5	628.5	588.5
-65°	570.5	576.5	582.5	590.5	596.5	600.5	598.5	590.5	582.5	574.5	538.4
-67.5°	508.4	514.4	522.4	524.4	528.4	530.4	526.4	520.4	510.4	500.4	472.4
-70°	442.4	446.4	450.4	450.4	450.4	448.4	444.4	436.4	426.3	412.3	390.3
-72.5°	382.3	386.3	390.3	384.3	380.3	374.3	368.3	358.3	348.3	338.3	326.3
-75°	326.3	328.3	328.3	320.3	314.3	308.3	300.2	294.2	284.2	276.2	266.2
-77.5°	260.2	260.2	260.2	254.2	250.2	246.2	240.2	234.2	226.2	220.2	212.2
-80°	202.2	202.2	202.2	200.2	194.2	190.2	186.2	182.1	176.1	172.1	168.1
-82.5°	154.1	154.1	154.1	152.1	148.1	146.1	142.1	138.1	136.1	132.1	130.1
-85°	112.1	114.1	114.1	112.1	110.1	106.1	104.1	102.1	100.1	98.1	94.1
-87.5°	76.1	76.1	76.1	74.1	72.1	72.1	70.1	66.1	62.1	60.0	58.0
-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	6.0	6.0	6.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.0
82.5°	10.0	10.0	12.0	12.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
80°	10.0	12.0	14.0	16.0	18.0	20.0	20.0	20.0	20.0	18.0	18.0
77.5°	12.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	22.0	22.0	22.0
75°	12.0	14.0	14.0	16.0	18.0	20.0	22.0	24.0	24.0	24.0	24.0
72.5°	10.0	12.0	14.0	16.0	16.0	18.0	20.0	20.0	22.0	22.0	24.0
70°	10.0	12.0	14.0	14.0	16.0	16.0	18.0	20.0	20.0	22.0	22.0
67.5°	12.0	14.0	14.0	16.0	18.0	18.0	18.0	20.0	20.0	22.0	22.0
65°	14.0	16.0	16.0	18.0	20.0	20.0	22.0	22.0	22.0	24.0	24.0
62.5°	24.0	24.0	24.0	22.0	24.0	24.0	24.0	26.0	26.0	24.0	26.0
60°	124.1	90.1	62.1	78.1	70.1	32.0	32.0	32.0	30.0	30.0	28.0
57.5°	292.2	272.2	234.2	198.2	178.1	158.1	98.1	40.0	40.0	36.0	32.0
55°	488.4	422.3	394.3	346.3	294.2	270.2	224.2	152.1	72.1	48.0	42.0
52.5°	756.6	694.6	622.5	524.4	454.4	398.3	360.3	286.2	192.2	102.1	64.1
50°	1012.8	984.8	940.8	844.7	698.6	604.5	542.4	458.4	344.3	210.2	120.1
47.5°	1631.3	1397.1	1255.0	1181.0	1058.9	880.7	760.6	666.5	528.4	354.3	212.2
45°	2053.7	1905.5	1679.4	1523.2	1343.1	1154.9	998.8	890.7	726.6	530.4	332.3
42.5°	2416.0	2287.9	2083.7	1855.5	1665.4	1419.2	1219.0	1076.9	938.8	724.6	496.4
40°	2882.3	2730.2	2534.1	2311.9	2089.7	1775.4	1451.2	1279.0	1126.9	936.8	670.5
37.5°	3651.0	3382.7	3062.5	2816.3	2526.1	2259.8	1815.5	1511.2	1331.1	1132.9	874.7
35°	4575.7	4281.5	3747.0	3420.8	3032.5	2636.1	2235.8	1785.4	1529.2	1319.1	1062.9
32.5°	5436.4	5006.1	4321.5	3939.2	3681.0	2950.4	2536.1	2145.7	1733.4	1475.2	1171.0
30°	5674.6	5200.2	4709.8	4263.5	3823.1	3232.6	2742.2	2438.0	1989.6	1569.3	1273.0
27.5°	5434.4	5108.1	4727.8	4313.5	3837.1	3330.7	2868.3	2578.1	2177.8	1633.3	1353.1
25°	5190.2	4849.9	4583.7	4237.4	3797.1	3324.7	2872.3	2666.2	2323.9	1757.4	1397.1
22.5°	4932.0	4719.8	4499.7	4113.3	3697.0	3342.7	3002.4	2742.2	2399.9	1897.5	1415.1
20°	4946.0	4807.9	4565.7	4049.3	3679.0	3448.8	3158.6	2838.3	2482.0	2019.6	1429.2
17.5°	5170.2	4990.1	4685.8	4237.4	3841.1	3556.9	3288.7	2970.4	2566.1	2127.7	1599.3
15°	5446.4	5172.2	4853.9	4459.6	4011.3	3675.0	3388.8	3062.5	2662.2	2227.8	1751.4
12.5°	5646.6	5256.3	4958.0	4601.7	4195.4	3803.1	3454.8	3132.5	2752.2	2309.9	1865.5
10°	5714.6	5360.4	5008.1	4689.8	4289.5	3871.1	3504.8	3176.6	2830.3	2373.9	1949.6
7.5°	5750.7	5450.4	5042.1	4729.8	4345.5	3913.2	3544.9	3200.6	2892.3	2418.0	2003.6
5°	5746.7	5498.5	5068.1	4741.8	4375.6	3931.2	3572.9	3206.6	2936.4	2456.0	2035.7
2.5°	5728.7	5530.5	5110.1	4761.9	4435.6	3965.2	3626.9	3218.6	2952.4	2498.0	2057.7
0°	5794.7	5532.5	5154.2	4767.9	4475.6	3977.2	3651.0	3208.6	2930.4	2510.0	2055.7
-2.5°	5652.6	5414.4	5144.2	4715.8	4421.6	3949.2	3606.9	3176.6	2882.3	2496.0	2047.7
-5°	5628.6	5328.3	5060.1	4667.8	4331.5	3891.2	3524.9	3116.5	2806.3	2450.0	2015.6
-7.5°	5564.5	5246.3	4978.0	4629.8	4247.4	3831.1	3446.8	3054.5	2724.2	2377.9	1969.6
-10°	5424.4	5120.2	4890.0	4547.7	4145.4	3745.0	3352.7	2972.4	2628.1	2279.9	1897.5
-12.5°	5224.2	4920.0	4691.8	4373.6	4017.3	3628.9	3240.6	2866.3	2518.0	2175.8	1811.5
-15°	4998.1	4689.8	4461.6	4171.4	3827.1	3448.8	3098.5	2732.2	2391.9	2065.7	1709.4
-17.5°	4741.8	4449.6	4229.4	3947.2	3604.9	3244.6	2896.4	2564.1	2245.8	1951.6	1591.3
-20°	4445.6	4161.4	3959.2	3677.0	3362.7	3012.4	2674.2	2359.9	2073.7	1797.5	1461.2

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	4079.3	3829.1	3598.9	3346.7	3072.5	2752.2	2438.0	2159.8	1885.5	1615.3	1327.1
-25°	3705.0	3462.8	3238.6	3008.4	2746.2	2470.0	2201.8	1949.6	1681.4	1437.2	1197.0
-27.5°	3288.7	3072.5	2872.3	2660.2	2420.0	2181.8	1961.6	1715.4	1483.2	1275.0	1068.9
-30°	2844.3	2668.2	2494.0	2305.9	2111.7	1911.6	1715.4	1483.2	1301.1	1134.9	960.8
-32.5°	2418.0	2259.8	2119.7	1979.6	1811.5	1647.3	1473.2	1301.1	1148.9	1002.8	856.7
-35°	2043.7	1875.5	1797.5	1685.4	1551.3	1403.1	1261.0	1140.9	1018.8	886.7	756.6
-37.5°	1719.4	1611.3	1519.2	1435.2	1329.1	1201.0	1098.9	1000.8	898.7	778.6	666.5
-40°	1465.2	1387.1	1295.1	1233.0	1146.9	1054.9	952.8	870.7	784.6	686.6	594.5
-42.5°	1261.0	1197.0	1136.9	1070.9	1006.8	928.8	840.7	762.6	684.6	612.5	536.4
-45°	1092.9	1046.8	998.8	944.8	888.7	820.7	748.6	668.5	612.5	548.4	484.4
-47.5°	954.8	920.7	880.7	838.7	790.6	730.6	664.5	606.5	548.4	494.4	432.4
-50°	844.7	812.7	780.6	744.6	702.6	650.5	600.5	546.4	492.4	440.4	382.3
-52.5°	752.6	724.6	698.6	668.5	628.5	584.5	538.4	490.4	440.4	388.3	342.3
-55°	688.6	656.5	630.5	600.5	564.5	522.4	480.4	436.4	388.3	348.3	310.3
-57.5°	636.5	600.5	570.5	538.4	502.4	466.4	428.3	388.3	352.3	314.3	278.2
-60°	592.5	550.4	516.4	484.4	450.4	416.3	384.3	350.3	316.3	282.2	246.2
-62.5°	546.4	502.4	460.4	430.3	404.3	374.3	346.3	314.3	284.2	250.2	224.2
-65°	494.4	452.4	412.3	386.3	362.3	336.3	310.3	282.2	256.2	230.2	206.2
-67.5°	436.4	400.3	372.3	348.3	324.3	302.2	278.2	254.2	232.2	206.2	182.1
-70°	366.3	346.3	330.3	312.3	290.2	270.2	248.2	226.2	202.2	180.1	158.1
-72.5°	312.3	300.2	288.2	270.2	250.2	232.2	214.2	194.2	174.1	154.1	136.1
-75°	256.2	246.2	236.2	224.2	208.2	194.2	178.1	160.1	144.1	130.1	116.1
-77.5°	206.2	198.2	192.2	182.1	170.1	158.1	148.1	136.1	124.1	110.1	96.1
-80°	164.1	160.1	158.1	154.1	144.1	134.1	126.1	116.1	104.1	94.1	84.1
-82.5°	128.1	128.1	126.1	124.1	116.1	108.1	102.1	94.1	86.1	78.1	68.1
-85°	94.1	92.1	92.1	90.1	84.1	80.1	74.1	70.1	64.1	56.0	52.0
-87.5°	56.0	54.0	52.0	50.0	46.0	44.0	40.0	38.0	34.0	30.0	28.0
-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-SA3B-940-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
85°	6.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0
82.5°	12.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	4.0	2.0	2.0
80°	18.0	18.0	18.0	16.0	14.0	10.0	8.0	6.0	4.0	2.0	2.0
77.5°	22.0	20.0	20.0	18.0	18.0	16.0	12.0	10.0	6.0	4.0	2.0
75°	22.0	22.0	22.0	20.0	20.0	18.0	16.0	12.0	10.0	6.0	4.0
72.5°	24.0	22.0	22.0	22.0	20.0	18.0	16.0	14.0	12.0	8.0	4.0
70°	22.0	22.0	22.0	22.0	20.0	20.0	16.0	14.0	14.0	8.0	6.0
67.5°	22.0	22.0	22.0	20.0	20.0	18.0	16.0	14.0	14.0	10.0	6.0
65°	24.0	22.0	22.0	22.0	20.0	18.0	16.0	14.0	14.0	12.0	8.0
62.5°	26.0	24.0	24.0	22.0	20.0	18.0	16.0	14.0	14.0	12.0	8.0
60°	28.0	26.0	24.0	24.0	22.0	20.0	16.0	16.0	14.0	12.0	8.0
57.5°	30.0	28.0	28.0	26.0	24.0	22.0	18.0	16.0	14.0	12.0	10.0
55°	36.0	32.0	30.0	30.0	28.0	24.0	20.0	16.0	14.0	12.0	10.0
52.5°	48.0	38.0	34.0	34.0	32.0	28.0	22.0	18.0	14.0	12.0	10.0
50°	76.1	48.0	40.0	36.0	36.0	32.0	26.0	20.0	14.0	12.0	10.0
47.5°	120.1	80.1	48.0	42.0	40.0	38.0	30.0	20.0	16.0	12.0	10.0
45°	198.2	118.1	78.1	50.0	42.0	40.0	34.0	22.0	16.0	14.0	10.0
42.5°	272.2	184.1	120.1	60.0	50.0	44.0	36.0	24.0	18.0	14.0	10.0
40°	428.3	252.2	168.1	98.1	58.0	46.0	40.0	28.0	18.0	14.0	10.0
37.5°	580.5	334.3	226.2	144.1	66.1	52.0	42.0	30.0	20.0	14.0	12.0
35°	732.6	468.4	280.2	192.2	88.1	62.1	44.0	32.0	20.0	14.0	12.0
32.5°	868.7	594.5	336.3	240.2	132.1	74.1	48.0	34.0	22.0	16.0	12.0
30°	980.8	710.6	436.4	282.2	172.1	90.1	52.0	34.0	24.0	16.0	12.0
27.5°	1064.9	800.6	538.4	326.3	206.2	106.1	60.0	38.0	24.0	16.0	12.0
25°	1132.9	870.7	628.5	372.3	236.2	132.1	72.1	40.0	26.0	18.0	12.0
22.5°	1187.0	928.8	702.6	434.4	272.2	158.1	88.1	44.0	26.0	18.0	12.0
20°	1261.0	986.8	752.6	500.4	310.3	182.1	102.1	48.0	26.0	18.0	14.0
17.5°	1325.1	1044.8	792.6	556.5	348.3	200.2	118.1	52.0	28.0	18.0	14.0
15°	1399.1	1100.9	828.7	600.5	384.3	216.2	132.1	56.0	28.0	20.0	14.0
12.5°	1479.2	1152.9	854.7	636.5	422.3	230.2	144.1	64.1	30.0	20.0	14.0
10°	1561.3	1197.0	876.7	662.5	450.4	244.2	152.1	72.1	32.0	20.0	14.0
7.5°	1643.3	1237.0	904.7	674.5	462.4	260.2	156.1	80.1	32.0	22.0	14.0
5°	1699.4	1263.0	944.8	682.6	468.4	278.2	162.1	90.1	34.0	22.0	14.0
2.5°	1747.4	1279.0	986.8	688.6	470.4	288.2	160.1	96.1	36.0	22.0	14.0
0°	1769.4	1279.0	1014.8	684.6	464.4	298.2	160.1	102.1	36.0	22.0	14.0
-2.5°	1735.4	1315.1	1006.8	686.6	466.4	298.2	168.1	104.1	40.0	24.0	14.0
-5°	1681.4	1329.1	982.8	676.5	462.4	298.2	178.1	106.1	42.0	24.0	16.0
-7.5°	1629.3	1335.1	954.8	666.5	456.4	290.2	180.1	104.1	46.0	26.0	16.0
-10°	1561.3	1269.0	918.7	648.5	444.4	284.2	184.1	104.1	48.0	26.0	16.0
-12.5°	1483.2	1189.0	874.7	622.5	430.3	278.2	186.2	104.1	50.0	28.0	16.0
-15°	1393.1	1106.9	824.7	594.5	410.3	270.2	182.1	102.1	52.0	28.0	18.0
-17.5°	1291.0	1026.8	772.6	560.5	388.3	260.2	174.1	100.1	52.0	28.0	18.0
-20°	1175.0	946.8	714.6	526.4	362.3	248.2	166.1	96.1	52.0	28.0	18.0



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CATALOG NUMBER: IFLD-S-SA3B-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1070.9	872.7	654.5	488.4	334.3	234.2	156.1	92.1	52.0	30.0	18.0
-25°	984.8	800.6	608.5	450.4	304.2	218.2	146.1	88.1	52.0	30.0	18.0
-27.5°	894.7	722.6	560.5	414.3	284.2	204.2	136.1	84.1	50.0	30.0	18.0
-30°	802.7	646.5	510.4	374.3	264.2	190.2	128.1	78.1	50.0	30.0	18.0
-32.5°	718.6	584.5	464.4	334.3	242.2	176.1	120.1	76.1	48.0	30.0	18.0
-35°	636.5	528.4	416.3	302.2	218.2	162.1	112.1	74.1	48.0	30.0	18.0
-37.5°	568.5	476.4	372.3	280.2	204.2	150.1	104.1	70.1	46.0	30.0	18.0
-40°	512.4	428.3	330.3	256.2	192.2	138.1	96.1	68.1	46.0	30.0	18.0
-42.5°	460.4	382.3	304.2	236.2	180.1	130.1	90.1	66.1	44.0	30.0	18.0
-45°	414.3	342.3	278.2	218.2	166.1	120.1	86.1	62.1	42.0	30.0	20.0
-47.5°	368.3	314.3	254.2	202.2	152.1	108.1	82.1	60.0	40.0	28.0	20.0
-50°	332.3	284.2	234.2	184.1	138.1	104.1	78.1	56.0	40.0	28.0	20.0
-52.5°	300.2	256.2	212.2	166.1	126.1	98.1	74.1	52.0	38.0	28.0	20.0
-55°	270.2	230.2	190.2	148.1	118.1	92.1	68.1	48.0	38.0	28.0	20.0
-57.5°	240.2	206.2	168.1	134.1	108.1	86.1	64.1	48.0	38.0	28.0	20.0
-60°	216.2	184.1	152.1	124.1	100.1	78.1	58.0	46.0	36.0	28.0	20.0
-62.5°	196.2	166.1	138.1	112.1	92.1	70.1	56.0	46.0	36.0	28.0	18.0
-65°	176.1	150.1	124.1	102.1	82.1	66.1	54.0	44.0	36.0	28.0	18.0
-67.5°	156.1	132.1	112.1	90.1	76.1	64.1	52.0	44.0	34.0	26.0	18.0
-70°	136.1	116.1	98.1	84.1	72.1	60.0	50.0	42.0	34.0	24.0	16.0
-72.5°	120.1	102.1	88.1	78.1	68.1	58.0	48.0	40.0	32.0	22.0	14.0
-75°	102.1	90.1	80.1	70.1	62.1	54.0	46.0	36.0	28.0	20.0	14.0
-77.5°	86.1	78.1	70.1	64.1	56.0	48.0	40.0	32.0	26.0	18.0	12.0
-80°	74.1	68.1	62.1	56.0	50.0	42.0	36.0	28.0	22.0	16.0	10.0
-82.5°	60.0	56.0	50.0	46.0	42.0	36.0	30.0	24.0	16.0	12.0	8.0
-85°	46.0	42.0	40.0	36.0	32.0	26.0	20.0	16.0	12.0	8.0	4.0
-87.5°	24.0	22.0	20.0	18.0	16.0	12.0	10.0	8.0	6.0	4.0	2.0
-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-SA3B-940-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°	2.0	0.0	0.0	0.0
77.5°	2.0	0.0	0.0	0.0
75°	2.0	2.0	0.0	0.0
72.5°	2.0	2.0	0.0	0.0
70°	2.0	2.0	0.0	0.0
67.5°	4.0	2.0	0.0	0.0
65°	4.0	2.0	0.0	0.0
62.5°	4.0	2.0	0.0	0.0
60°	4.0	2.0	0.0	0.0
57.5°	6.0	2.0	2.0	0.0
55°	6.0	2.0	2.0	0.0
52.5°	6.0	2.0	2.0	0.0
50°	6.0	4.0	2.0	0.0
47.5°	6.0	4.0	2.0	0.0
45°	6.0	4.0	2.0	0.0
42.5°	6.0	4.0	2.0	0.0
40°	8.0	4.0	2.0	0.0
37.5°	8.0	4.0	2.0	0.0
35°	8.0	4.0	2.0	0.0
32.5°	8.0	4.0	2.0	0.0
30°	8.0	4.0	2.0	0.0
27.5°	8.0	6.0	2.0	0.0
25°	8.0	6.0	2.0	0.0
22.5°	10.0	6.0	2.0	0.0
20°	10.0	6.0	2.0	0.0
17.5°	10.0	6.0	2.0	0.0
15°	10.0	6.0	2.0	0.0
12.5°	10.0	6.0	2.0	0.0
10°	10.0	6.0	2.0	0.0
7.5°	10.0	6.0	2.0	0.0
5°	10.0	6.0	2.0	0.0
2.5°	10.0	6.0	2.0	0.0
0°	10.0	6.0	2.0	0.0
-2.5°	10.0	6.0	2.0	0.0
-5°	10.0	6.0	2.0	0.0
-7.5°	10.0	6.0	2.0	0.0
-10°	10.0	6.0	2.0	0.0
-12.5°	12.0	6.0	2.0	0.0
-15°	12.0	6.0	2.0	0.0
-17.5°	12.0	6.0	2.0	0.0
-20°	12.0	6.0	2.0	0.0

REPORT NUMBER: P722719

CATALOG NUMBER: IFLD-S-SA3B-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.0	6.0	2.0	0.0
-25°	12.0	6.0	2.0	0.0
-27.5°	12.0	6.0	2.0	0.0
-30°	12.0	6.0	2.0	0.0
-32.5°	12.0	6.0	2.0	0.0
-35°	12.0	6.0	2.0	0.0
-37.5°	12.0	6.0	2.0	0.0
-40°	12.0	6.0	2.0	0.0
-42.5°	10.0	6.0	2.0	0.0
-45°	12.0	6.0	2.0	0.0
-47.5°	12.0	6.0	2.0	0.0
-50°	12.0	6.0	2.0	0.0
-52.5°	12.0	6.0	2.0	0.0
-55°	12.0	6.0	2.0	0.0
-57.5°	12.0	6.0	2.0	0.0
-60°	12.0	6.0	2.0	0.0
-62.5°	10.0	6.0	2.0	0.0
-65°	10.0	4.0	2.0	0.0
-67.5°	10.0	4.0	2.0	0.0
-70°	10.0	4.0	2.0	0.0
-72.5°	8.0	4.0	2.0	0.0
-75°	8.0	4.0	2.0	0.0
-77.5°	6.0	2.0	0.0	0.0
-80°	6.0	2.0	0.0	0.0
-82.5°	4.0	2.0	0.0	0.0
-85°	2.0	2.0	0.0	0.0
-87.5°	2.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)