

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: P722545

Luminaire Tested: **IFLD-S-SA3B-760-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722545
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-760-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (48) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17797.7 lumens	Max Intensity:	12424.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	145.4 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:	11354.1 lumens	Field Lumens:	16779.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

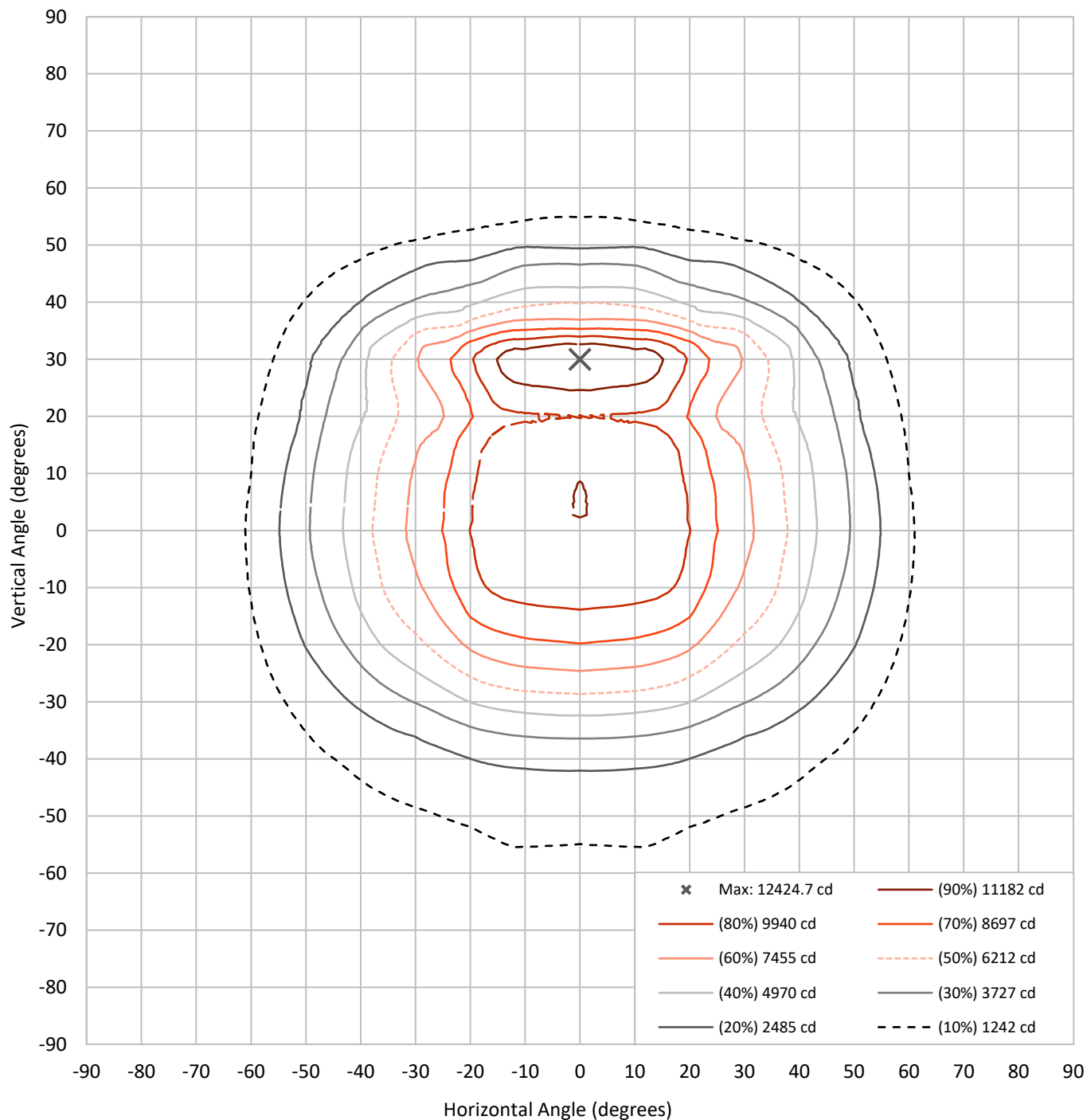
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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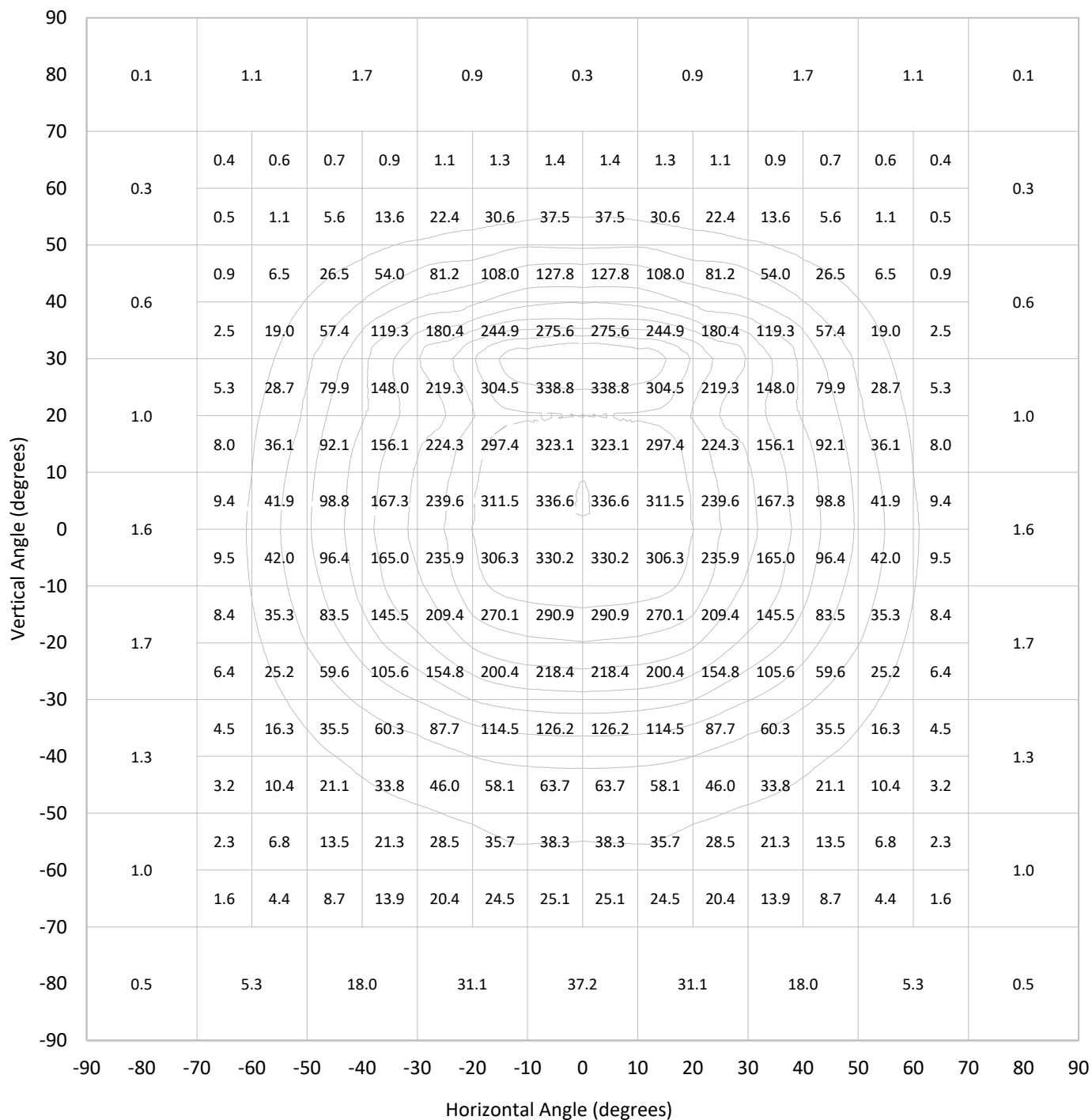
Iso-Candela Plot



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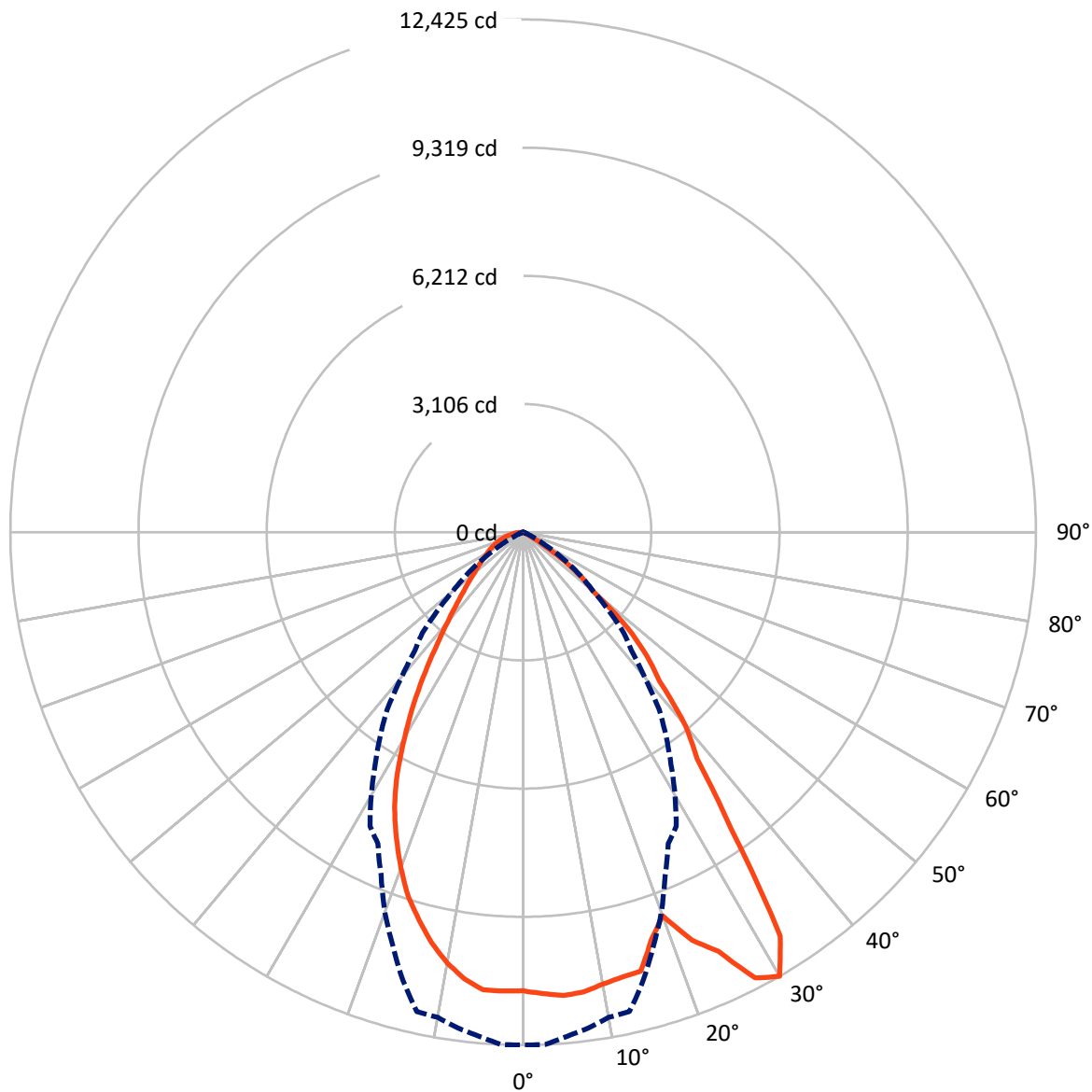
Lumen Table



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Luminous Intensity Polar Plot



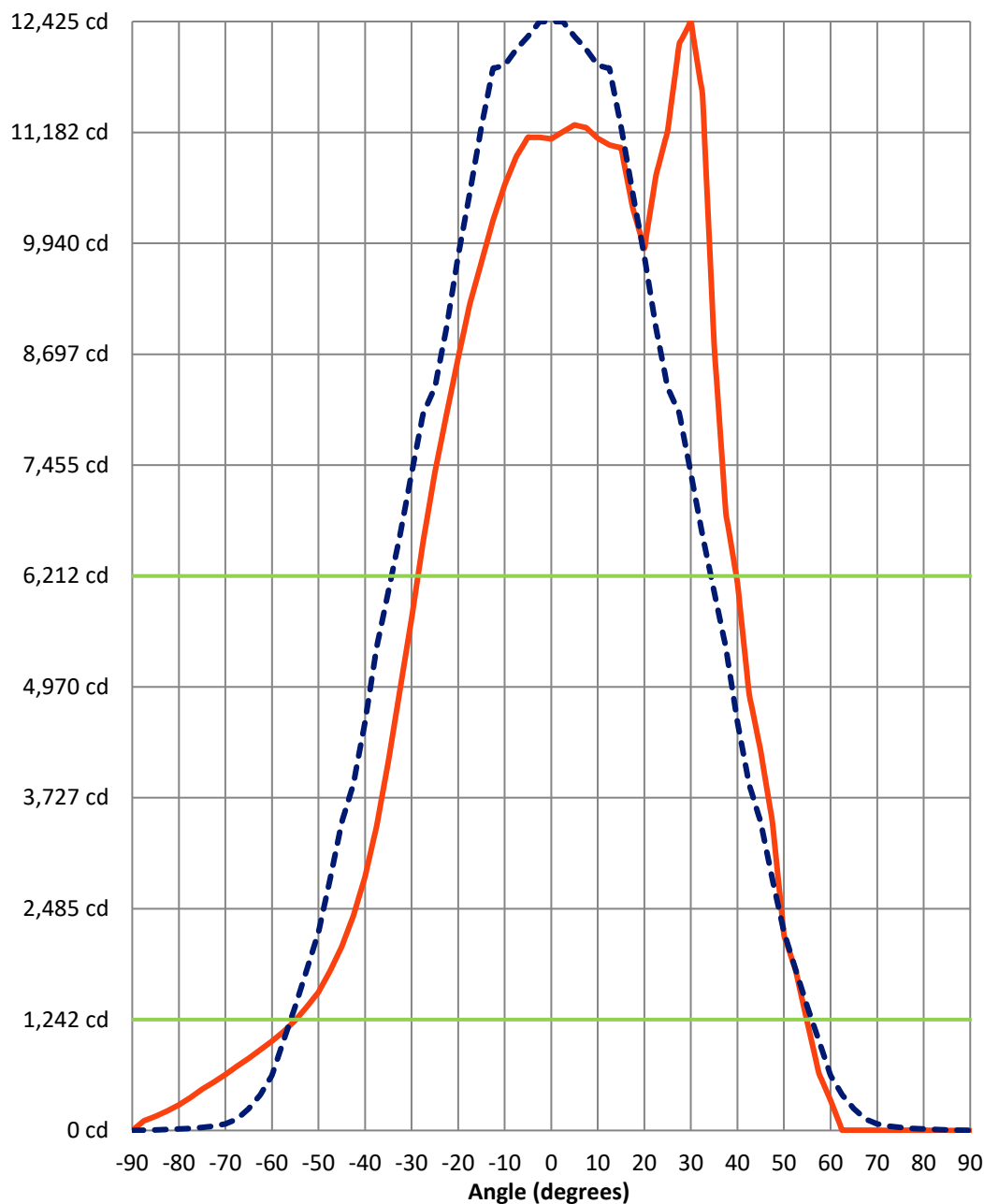
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11354.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 16779.2

Efficiency: 94.3%

Spill:

Lumens: 1018.4

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	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	2.8	5.7	5.7	5.7	5.7	5.7	5.7	8.5
82.5°	0.0	2.8	2.8	2.8	5.7	5.7	5.7	5.7	8.5	8.5	11.3
80°	2.8	2.8	2.8	2.8	5.7	5.7	5.7	8.5	8.5	11.3	11.3
77.5°	2.8	2.8	2.8	5.7	5.7	5.7	8.5	8.5	11.3	11.3	14.2
75°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	8.5	11.3	11.3	14.2
72.5°	0.0	2.8	2.8	5.7	5.7	8.5	8.5	8.5	11.3	11.3	11.3
70°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	8.5	11.3	11.3	11.3
67.5°	2.8	2.8	2.8	5.7	5.7	8.5	8.5	11.3	11.3	11.3	14.2
65°	2.8	2.8	2.8	5.7	8.5	8.5	11.3	14.2	14.2	17.0	19.8
62.5°	2.8	5.7	5.7	8.5	11.3	14.2	31.2	48.2	48.2	34.0	28.3
60°	337.2	365.5	362.7	328.7	286.2	240.8	232.3	223.8	206.8	181.3	189.8
57.5°	640.4	674.4	688.5	680.0	657.4	617.7	595.0	569.5	535.5	495.9	450.5
55°	1212.7	1226.9	1195.7	1136.2	1071.0	1005.9	983.2	949.2	898.2	847.2	779.2
52.5°	1793.6	1841.8	1827.6	1768.1	1680.2	1564.1	1436.6	1337.4	1277.9	1221.2	1153.2
50°	2190.3	2210.1	2249.8	2320.6	2346.1	2266.8	2059.9	1793.6	1603.7	1700.1	1626.4
47.5°	3456.8	3556.0	3536.2	3485.2	3400.2	3184.8	2895.8	2657.8	2459.4	2394.3	2405.6
45°	4247.4	4287.0	4272.9	4250.2	4210.5	4009.4	3689.2	3323.7	3139.5	3065.8	2989.3
42.5°	4896.2	4938.7	4947.2	4950.1	4907.6	4723.4	4434.4	4068.9	3884.7	3672.2	3505.0
40°	6134.5	6196.8	6126.0	6032.4	5890.8	5681.1	5397.8	5060.6	4734.7	4474.0	4275.7
37.5°	6925.0	7001.5	7029.8	7024.2	6993.0	6902.3	6553.8	6233.6	5734.9	5151.2	5256.1
35°	8800.7	8880.1	8857.4	8772.4	8727.1	8630.7	8290.7	7911.0	7284.8	6650.1	6480.1
32.5°	11597.4	11770.2	11447.2	11093.0	10874.8	10951.3	10605.7	9676.3	9387.3	8242.6	7712.7
30°	12424.7	12421.9	12257.6	12113.1	11934.6	11897.7	11246.0	10503.7	9795.3	8993.4	8324.7
27.5°	12172.6	12121.6	11982.7	11877.9	11710.7	11622.9	10985.3	10396.0	9577.1	8860.2	8214.2
25°	11200.7	11240.4	11098.7	11078.8	11013.7	10843.7	10526.3	9863.3	9132.3	8338.9	7874.2
22.5°	10699.2	10685.0	10515.0	10415.8	10495.2	10313.8	10186.3	9517.6	8755.4	8086.7	7528.5
20°	9883.1	9886.0	9843.5	9835.0	9786.8	9704.6	9602.6	9129.4	8591.1	8018.7	7347.2
17.5°	10339.3	10455.5	10506.5	10084.3	10203.3	10109.8	10002.1	9341.9	8936.7	8429.6	7554.0
15°	11008.0	10965.5	10914.5	10891.8	10826.7	10738.8	10543.3	10016.3	9319.3	8795.1	8112.2
12.5°	11042.0	10959.8	10940.0	10937.2	10869.2	10747.3	10557.5	10121.1	9503.4	8865.9	8310.6
10°	11115.7	11030.7	11019.3	11033.5	10928.7	10852.2	10662.3	10257.1	9560.1	8987.8	8463.6
7.5°	11234.7	11093.0	11158.2	11115.7	11067.5	10945.7	10741.7	10345.0	9767.0	9149.3	8599.6
5°	11265.9	11110.0	11180.9	11141.2	11070.3	10951.3	10730.3	10401.7	9894.5	9214.4	8653.4
2.5°	11189.4	11144.0	11112.9	11039.2	11008.0	10877.7	10668.0	10316.6	9835.0	9186.1	8642.1
0°	11110.0	11149.7	11078.8	11005.2	10991.0	10886.2	10707.7	10390.3	9973.8	9265.4	8738.4
-2.5°	11127.0	11095.9	11047.7	10971.2	10897.5	10747.3	10585.8	10288.3	9840.6	9092.6	8602.4
-5°	11127.0	10982.5	10988.2	10991.0	10917.3	10761.5	10566.0	10313.8	9761.3	9089.8	8562.7
-7.5°	10911.7	10787.0	10767.2	10750.2	10730.3	10585.8	10432.8	10118.3	9628.1	9016.1	8452.2
-10°	10594.3	10472.5	10483.8	10458.3	10396.0	10299.6	10183.5	9900.1	9497.8	8783.7	8228.4
-12.5°	10197.6	10143.8	10112.6	10070.1	10007.8	9922.8	9803.8	9537.4	9106.8	8497.6	7970.5
-15°	9727.3	9687.6	9659.3	9633.8	9543.1	9455.3	9299.4	9052.9	8783.7	8129.2	7590.9
-17.5°	9256.9	9157.8	9118.1	9084.1	9024.6	8882.9	8741.2	8557.1	8180.2	7661.7	7199.8
-20°	8653.4	8593.9	8545.7	8500.4	8415.4	8304.9	8188.7	7976.2	7650.4	7231.0	6752.1

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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°	8021.5	7987.5	7947.9	7891.2	7834.5	7729.7	7568.2	7364.2	7109.2	6655.8	6208.1
-25°	7369.8	7304.7	7256.5	7202.7	7157.3	7061.0	6905.2	6709.6	6389.5	5998.4	5624.4
-27.5°	6602.0	6539.6	6514.1	6451.8	6412.1	6324.3	6168.5	5987.1	5698.1	5369.4	4989.7
-30°	5734.9	5746.3	5717.9	5658.4	5610.3	5496.9	5377.9	5224.9	4998.2	4683.7	4343.7
-32.5°	4933.1	4947.2	4913.2	4850.9	4788.6	4706.4	4595.9	4457.0	4287.0	3986.7	3692.0
-35°	4131.2	4125.5	4097.2	4060.4	4017.9	3949.9	3825.2	3720.3	3524.8	3315.2	3111.1
-37.5°	3411.5	3425.7	3417.2	3397.3	3349.2	3292.5	3190.5	3094.1	2949.6	2765.5	2606.8
-40°	2842.0	2859.0	2847.6	2827.8	2785.3	2751.3	2683.3	2598.3	2482.1	2323.4	2190.3
-42.5°	2405.6	2416.9	2402.8	2385.8	2348.9	2323.4	2269.6	2198.8	2102.4	1980.6	1861.6
-45°	2059.9	2062.8	2048.6	2037.3	2008.9	1977.8	1932.4	1875.8	1799.3	1714.2	1617.9
-47.5°	1787.9	1785.1	1770.9	1759.6	1736.9	1708.6	1671.7	1620.7	1561.2	1496.1	1419.6
-50°	1549.9	1564.1	1558.4	1547.1	1530.1	1510.2	1473.4	1419.6	1360.1	1311.9	1258.1
-52.5°	1385.6	1388.4	1385.6	1385.6	1382.7	1368.6	1326.1	1272.2	1207.1	1164.6	1119.2
-55°	1232.6	1246.7	1252.4	1258.1	1260.9	1260.9	1209.9	1153.2	1090.9	1048.4	1014.4
-57.5°	1107.9	1116.4	1122.1	1136.2	1147.6	1156.1	1110.7	1059.7	1011.5	971.9	940.7
-60°	1000.2	1011.5	1020.0	1034.2	1042.7	1048.4	1020.0	986.0	957.7	932.2	886.9
-62.5°	903.9	912.4	920.9	929.4	937.9	943.5	932.2	915.2	901.0	889.7	833.0
-65°	807.5	816.0	824.5	835.9	844.4	850.0	847.2	835.9	824.5	813.2	762.2
-67.5°	719.7	728.2	739.5	742.4	748.0	750.9	745.2	736.7	722.5	708.4	668.7
-70°	626.2	631.9	637.5	637.5	637.5	634.7	629.0	617.7	603.5	583.7	552.5
-72.5°	541.2	546.9	552.5	544.0	538.4	529.9	521.4	507.2	493.0	478.9	461.9
-75°	461.9	464.7	464.7	453.4	444.9	436.4	425.0	416.5	402.4	391.0	376.9
-77.5°	368.4	368.4	368.4	359.9	354.2	348.5	340.0	331.5	320.2	311.7	300.3
-80°	286.2	286.2	286.2	283.3	274.8	269.2	263.5	257.8	249.3	243.7	238.0
-82.5°	218.2	218.2	218.2	215.3	209.7	206.8	201.2	195.5	192.7	187.0	184.2
-85°	158.7	161.5	161.5	158.7	155.8	150.2	147.3	144.5	141.7	138.8	133.2
-87.5°	107.7	107.7	107.7	104.8	102.0	102.0	99.2	93.5	87.8	85.0	82.2
-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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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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	8.5	8.5	8.5	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.5
82.5°	14.2	14.2	17.0	17.0	19.8	19.8	19.8	19.8	19.8	19.8	19.8
80°	14.2	17.0	19.8	22.7	25.5	28.3	28.3	28.3	28.3	25.5	25.5
77.5°	17.0	17.0	19.8	22.7	25.5	28.3	31.2	34.0	31.2	31.2	31.2
75°	17.0	19.8	19.8	22.7	25.5	28.3	31.2	34.0	34.0	34.0	34.0
72.5°	14.2	17.0	19.8	22.7	22.7	25.5	28.3	28.3	31.2	31.2	34.0
70°	14.2	17.0	19.8	19.8	22.7	22.7	25.5	28.3	28.3	31.2	31.2
67.5°	17.0	19.8	19.8	22.7	25.5	25.5	25.5	28.3	28.3	31.2	31.2
65°	19.8	22.7	22.7	25.5	28.3	28.3	31.2	31.2	31.2	34.0	34.0
62.5°	34.0	34.0	34.0	31.2	34.0	34.0	34.0	36.8	36.8	34.0	36.8
60°	175.7	127.5	87.8	110.5	99.2	45.3	45.3	45.3	42.5	42.5	39.7
57.5°	413.7	385.4	331.5	280.5	252.2	223.8	138.8	56.7	56.7	51.0	45.3
55°	691.4	597.9	558.2	490.2	416.5	382.5	317.3	215.3	102.0	68.0	59.5
52.5°	1071.0	983.2	881.2	742.4	643.2	563.9	510.0	405.2	272.0	144.5	90.7
50°	1433.7	1394.1	1331.7	1195.7	988.9	855.7	767.9	648.9	487.4	297.5	170.0
47.5°	2309.3	1977.8	1776.6	1671.7	1498.9	1246.7	1076.7	943.5	748.0	501.5	300.3
45°	2907.1	2697.5	2377.3	2156.3	1901.3	1634.9	1413.9	1260.9	1028.5	750.9	470.4
42.5°	3420.0	3238.7	2949.6	2626.6	2357.4	2008.9	1725.6	1524.4	1328.9	1025.7	702.7
40°	4080.2	3864.8	3587.2	3272.7	2958.1	2513.3	2054.3	1810.6	1595.2	1326.1	949.2
37.5°	5168.2	4788.6	4335.2	3986.7	3575.8	3199.0	2570.0	2139.3	1884.3	1603.7	1238.2
35°	6477.3	6060.8	5304.2	4842.4	4292.7	3731.7	3165.0	2527.5	2164.8	1867.3	1504.6
32.5°	7695.7	7086.5	6117.5	5576.3	5210.7	4176.5	3590.0	3037.5	2453.8	2088.3	1657.6
30°	8032.9	7361.3	6667.1	6035.3	5411.9	4576.0	3881.8	3451.2	2816.5	2221.4	1802.1
27.5°	7692.9	7231.0	6692.6	6106.1	5431.8	4714.9	4060.4	3649.5	3082.8	2312.1	1915.4
25°	7347.2	6865.5	6488.6	5998.4	5375.1	4706.4	4066.0	3774.2	3289.7	2487.8	1977.8
22.5°	6981.7	6681.3	6369.6	5822.8	5233.4	4731.9	4250.2	3881.8	3397.3	2686.1	2003.3
20°	7001.5	6806.0	6463.1	5732.1	5207.9	4882.1	4471.2	4017.9	3513.5	2859.0	2023.1
17.5°	7318.8	7063.8	6633.1	5998.4	5437.4	5035.1	4655.4	4204.9	3632.5	3012.0	2263.9
15°	7709.9	7321.7	6871.2	6313.0	5678.3	5202.2	4797.1	4335.2	3768.5	3153.6	2479.3
12.5°	7993.2	7440.7	7018.5	6514.1	5938.9	5383.6	4890.6	4434.4	3896.0	3269.8	2640.8
10°	8089.5	7588.0	7089.3	6638.8	6072.1	5479.9	4961.4	4496.7	4006.5	3360.5	2759.8
7.5°	8140.5	7715.5	7137.5	6695.5	6151.5	5539.4	5018.1	4530.7	4094.4	3422.8	2836.3
5°	8134.9	7783.5	7174.3	6712.5	6194.0	5564.9	5057.7	4539.2	4156.7	3476.7	2881.6
2.5°	8109.4	7828.9	7233.8	6740.8	6279.0	5613.1	5134.2	4556.2	4179.4	3536.2	2912.8
0°	8202.9	7831.7	7296.2	6749.3	6335.6	5630.1	5168.2	4542.0	4148.2	3553.2	2910.0
-2.5°	8001.7	7664.5	7282.0	6675.6	6259.1	5590.4	5105.9	4496.7	4080.2	3533.3	2898.6
-5°	7967.7	7542.7	7163.0	6607.6	6131.6	5508.3	4989.7	4411.7	3972.5	3468.2	2853.3
-7.5°	7877.0	7426.5	7046.8	6553.8	6012.6	5423.3	4879.2	4323.9	3856.3	3366.2	2788.1
-10°	7678.7	7248.0	6922.2	6437.6	5868.1	5301.4	4746.1	4207.7	3720.3	3227.3	2686.1
-12.5°	7395.3	6964.7	6641.6	6191.1	5686.8	5137.1	4587.4	4057.5	3564.5	3080.0	2564.3
-15°	7075.2	6638.8	6315.8	5904.9	5417.6	4882.1	4386.2	3867.7	3386.0	2924.1	2419.8
-17.5°	6712.5	6298.8	5987.1	5587.6	5103.1	4593.0	4100.0	3629.7	3179.1	2762.6	2252.6
-20°	6293.1	5890.8	5604.6	5205.1	4760.2	4264.4	3785.5	3340.7	2935.5	2544.5	2068.4

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CATALOG NUMBER: IFLD-S-SA3B-760-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°	5774.6	5420.4	5094.6	4737.6	4349.4	3896.0	3451.2	3057.3	2669.1	2286.6	1878.6
-25°	5244.7	4901.9	4584.5	4258.7	3887.5	3496.5	3116.8	2759.8	2380.1	2034.4	1694.4
-27.5°	4655.4	4349.4	4066.0	3765.7	3425.7	3088.5	2776.8	2428.3	2099.6	1804.9	1513.1
-30°	4026.4	3777.0	3530.5	3264.2	2989.3	2706.0	2428.3	2099.6	1841.8	1606.6	1360.1
-32.5°	3422.8	3199.0	3000.6	2802.3	2564.3	2331.9	2085.4	1841.8	1626.4	1419.6	1212.7
-35°	2893.0	2655.0	2544.5	2385.8	2195.9	1986.3	1785.1	1615.1	1442.2	1255.2	1071.0
-37.5°	2433.9	2280.9	2150.6	2031.6	1881.4	1700.1	1555.6	1416.7	1272.2	1102.2	943.5
-40°	2074.1	1963.6	1833.3	1745.4	1623.6	1493.2	1348.7	1232.6	1110.7	971.9	841.5
-42.5°	1785.1	1694.4	1609.4	1515.9	1425.2	1314.7	1190.1	1079.6	969.0	867.0	759.4
-45°	1547.1	1481.9	1413.9	1337.4	1258.1	1161.7	1059.7	946.4	867.0	776.4	685.7
-47.5°	1351.6	1303.4	1246.7	1187.2	1119.2	1034.2	940.7	858.5	776.4	699.9	612.0
-50°	1195.7	1150.4	1105.1	1054.0	994.5	920.9	850.0	773.5	697.0	623.4	541.2
-52.5°	1065.4	1025.7	988.9	946.4	889.7	827.4	762.2	694.2	623.4	549.7	484.5
-55°	974.7	929.4	892.5	850.0	799.0	739.5	680.0	617.7	549.7	493.0	439.2
-57.5°	901.0	850.0	807.5	762.2	711.2	660.2	606.4	549.7	498.7	444.9	393.9
-60°	838.7	779.2	731.0	685.7	637.5	589.4	544.0	495.9	447.7	399.5	348.5
-62.5°	773.5	711.2	651.7	609.2	572.4	529.9	490.2	444.9	402.4	354.2	317.3
-65°	699.9	640.4	583.7	546.9	512.9	476.0	439.2	399.5	362.7	325.8	291.8
-67.5°	617.7	566.7	527.0	493.0	459.0	427.9	393.9	359.9	328.7	291.8	257.8
-70°	518.5	490.2	467.5	442.0	410.9	382.5	351.3	320.2	286.2	255.0	223.8
-72.5°	442.0	425.0	408.0	382.5	354.2	328.7	303.2	274.8	246.5	218.2	192.7
-75°	362.7	348.5	334.3	317.3	294.7	274.8	252.2	226.7	204.0	184.2	164.3
-77.5°	291.8	280.5	272.0	257.8	240.8	223.8	209.7	192.7	175.7	155.8	136.0
-80°	232.3	226.7	223.8	218.2	204.0	189.8	178.5	164.3	147.3	133.2	119.0
-82.5°	181.3	181.3	178.5	175.7	164.3	153.0	144.5	133.2	121.8	110.5	96.3
-85°	133.2	130.3	130.3	127.5	119.0	113.3	104.8	99.2	90.7	79.3	73.7
-87.5°	79.3	76.5	73.7	70.8	65.2	62.3	56.7	53.8	48.2	42.5	39.7
-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-S-SA3B-760-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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	0.0	0.0
85°	8.5	5.7	5.7	5.7	5.7	5.7	2.8	2.8	2.8	2.8	2.8
82.5°	17.0	17.0	14.2	14.2	11.3	8.5	5.7	5.7	5.7	2.8	2.8
80°	25.5	25.5	25.5	22.7	19.8	14.2	11.3	8.5	5.7	2.8	2.8
77.5°	31.2	28.3	28.3	25.5	25.5	22.7	17.0	14.2	8.5	5.7	2.8
75°	31.2	31.2	31.2	28.3	28.3	25.5	22.7	17.0	14.2	8.5	5.7
72.5°	34.0	31.2	31.2	31.2	28.3	25.5	22.7	19.8	17.0	11.3	5.7
70°	31.2	31.2	31.2	31.2	28.3	28.3	22.7	19.8	19.8	11.3	8.5
67.5°	31.2	31.2	31.2	28.3	28.3	25.5	22.7	19.8	19.8	14.2	8.5
65°	34.0	31.2	31.2	31.2	28.3	25.5	22.7	19.8	19.8	17.0	11.3
62.5°	36.8	34.0	34.0	31.2	28.3	25.5	22.7	19.8	19.8	17.0	11.3
60°	39.7	36.8	34.0	34.0	31.2	28.3	22.7	22.7	19.8	17.0	11.3
57.5°	42.5	39.7	39.7	36.8	34.0	31.2	25.5	22.7	19.8	17.0	14.2
55°	51.0	45.3	42.5	42.5	39.7	34.0	28.3	22.7	19.8	17.0	14.2
52.5°	68.0	53.8	48.2	48.2	45.3	39.7	31.2	25.5	19.8	17.0	14.2
50°	107.7	68.0	56.7	51.0	51.0	45.3	36.8	28.3	19.8	17.0	14.2
47.5°	170.0	113.3	68.0	59.5	56.7	53.8	42.5	28.3	22.7	17.0	14.2
45°	280.5	167.2	110.5	70.8	59.5	56.7	48.2	31.2	22.7	19.8	14.2
42.5°	385.4	260.7	170.0	85.0	70.8	62.3	51.0	34.0	25.5	19.8	14.2
40°	606.4	357.0	238.0	138.8	82.2	65.2	56.7	39.7	25.5	19.8	14.2
37.5°	821.7	473.2	320.2	204.0	93.5	73.7	59.5	42.5	28.3	19.8	17.0
35°	1037.0	663.0	396.7	272.0	124.7	87.8	62.3	45.3	28.3	19.8	17.0
32.5°	1229.7	841.5	476.0	340.0	187.0	104.8	68.0	48.2	31.2	22.7	17.0
30°	1388.4	1005.9	617.7	399.5	243.7	127.5	73.7	48.2	34.0	22.7	17.0
27.5°	1507.4	1133.4	762.2	461.9	291.8	150.2	85.0	53.8	34.0	22.7	17.0
25°	1603.7	1232.6	889.7	527.0	334.3	187.0	102.0	56.7	36.8	25.5	17.0
22.5°	1680.2	1314.7	994.5	614.9	385.4	223.8	124.7	62.3	36.8	25.5	17.0
20°	1785.1	1396.9	1065.4	708.4	439.2	257.8	144.5	68.0	36.8	25.5	19.8
17.5°	1875.8	1479.1	1122.1	787.7	493.0	283.3	167.2	73.7	39.7	25.5	19.8
15°	1980.6	1558.4	1173.1	850.0	544.0	306.0	187.0	79.3	39.7	28.3	19.8
12.5°	2093.9	1632.1	1209.9	901.0	597.9	325.8	204.0	90.7	42.5	28.3	19.8
10°	2210.1	1694.4	1241.1	937.9	637.5	345.7	215.3	102.0	45.3	28.3	19.8
7.5°	2326.3	1751.1	1280.7	954.9	654.5	368.4	221.0	113.3	45.3	31.2	19.8
5°	2405.6	1787.9	1337.4	966.2	663.0	393.9	229.5	127.5	48.2	31.2	19.8
2.5°	2473.6	1810.6	1396.9	974.7	665.9	408.0	226.7	136.0	51.0	31.2	19.8
0°	2504.8	1810.6	1436.6	969.0	657.4	422.2	226.7	144.5	51.0	31.2	19.8
-2.5°	2456.6	1861.6	1425.2	971.9	660.2	422.2	238.0	147.3	56.7	34.0	19.8
-5°	2380.1	1881.4	1391.2	957.7	654.5	422.2	252.2	150.2	59.5	34.0	22.7
-7.5°	2306.4	1889.9	1351.6	943.5	646.0	410.9	255.0	147.3	65.2	36.8	22.7
-10°	2210.1	1796.4	1300.6	918.0	629.0	402.4	260.7	147.3	68.0	36.8	22.7
-12.5°	2099.6	1683.1	1238.2	881.2	609.2	393.9	263.5	147.3	70.8	39.7	22.7
-15°	1972.1	1566.9	1167.4	841.5	580.9	382.5	257.8	144.5	73.7	39.7	25.5
-17.5°	1827.6	1453.6	1093.7	793.4	549.7	368.4	246.5	141.7	73.7	39.7	25.5
-20°	1663.2	1340.2	1011.5	745.2	512.9	351.3	235.2	136.0	73.7	39.7	25.5



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CATALOG NUMBER: IFLD-S-SA3B-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1515.9	1235.4	926.5	691.4	473.2	331.5	221.0	130.3	73.7	42.5	25.5
-25°	1394.1	1133.4	861.4	637.5	430.7	308.8	206.8	124.7	73.7	42.5	25.5
-27.5°	1266.6	1022.9	793.4	586.5	402.4	289.0	192.7	119.0	70.8	42.5	25.5
-30°	1136.2	915.2	722.5	529.9	374.0	269.2	181.3	110.5	70.8	42.5	25.5
-32.5°	1017.2	827.4	657.4	473.2	342.8	249.3	170.0	107.7	68.0	42.5	25.5
-35°	901.0	748.0	589.4	427.9	308.8	229.5	158.7	104.8	68.0	42.5	25.5
-37.5°	804.7	674.4	527.0	396.7	289.0	212.5	147.3	99.2	65.2	42.5	25.5
-40°	725.4	606.4	467.5	362.7	272.0	195.5	136.0	96.3	65.2	42.5	25.5
-42.5°	651.7	541.2	430.7	334.3	255.0	184.2	127.5	93.5	62.3	42.5	25.5
-45°	586.5	484.5	393.9	308.8	235.2	170.0	121.8	87.8	59.5	42.5	28.3
-47.5°	521.4	444.9	359.9	286.2	215.3	153.0	116.2	85.0	56.7	39.7	28.3
-50°	470.4	402.4	331.5	260.7	195.5	147.3	110.5	79.3	56.7	39.7	28.3
-52.5°	425.0	362.7	300.3	235.2	178.5	138.8	104.8	73.7	53.8	39.7	28.3
-55°	382.5	325.8	269.2	209.7	167.2	130.3	96.3	68.0	53.8	39.7	28.3
-57.5°	340.0	291.8	238.0	189.8	153.0	121.8	90.7	68.0	53.8	39.7	28.3
-60°	306.0	260.7	215.3	175.7	141.7	110.5	82.2	65.2	51.0	39.7	28.3
-62.5°	277.7	235.2	195.5	158.7	130.3	99.2	79.3	65.2	51.0	39.7	25.5
-65°	249.3	212.5	175.7	144.5	116.2	93.5	76.5	62.3	51.0	39.7	25.5
-67.5°	221.0	187.0	158.7	127.5	107.7	90.7	73.7	62.3	48.2	36.8	25.5
-70°	192.7	164.3	138.8	119.0	102.0	85.0	70.8	59.5	48.2	34.0	22.7
-72.5°	170.0	144.5	124.7	110.5	96.3	82.2	68.0	56.7	45.3	31.2	19.8
-75°	144.5	127.5	113.3	99.2	87.8	76.5	65.2	51.0	39.7	28.3	19.8
-77.5°	121.8	110.5	99.2	90.7	79.3	68.0	56.7	45.3	36.8	25.5	17.0
-80°	104.8	96.3	87.8	79.3	70.8	59.5	51.0	39.7	31.2	22.7	14.2
-82.5°	85.0	79.3	70.8	65.2	59.5	51.0	42.5	34.0	22.7	17.0	11.3
-85°	65.2	59.5	56.7	51.0	45.3	36.8	28.3	22.7	17.0	11.3	5.7
-87.5°	34.0	31.2	28.3	25.5	22.7	17.0	14.2	11.3	8.5	5.7	2.8
-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-760-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°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	2.8	2.8	0.0	0.0
67.5°	5.7	2.8	0.0	0.0
65°	5.7	2.8	0.0	0.0
62.5°	5.7	2.8	0.0	0.0
60°	5.7	2.8	0.0	0.0
57.5°	8.5	2.8	2.8	0.0
55°	8.5	2.8	2.8	0.0
52.5°	8.5	2.8	2.8	0.0
50°	8.5	5.7	2.8	0.0
47.5°	8.5	5.7	2.8	0.0
45°	8.5	5.7	2.8	0.0
42.5°	8.5	5.7	2.8	0.0
40°	11.3	5.7	2.8	0.0
37.5°	11.3	5.7	2.8	0.0
35°	11.3	5.7	2.8	0.0
32.5°	11.3	5.7	2.8	0.0
30°	11.3	5.7	2.8	0.0
27.5°	11.3	8.5	2.8	0.0
25°	11.3	8.5	2.8	0.0
22.5°	14.2	8.5	2.8	0.0
20°	14.2	8.5	2.8	0.0
17.5°	14.2	8.5	2.8	0.0
15°	14.2	8.5	2.8	0.0
12.5°	14.2	8.5	2.8	0.0
10°	14.2	8.5	2.8	0.0
7.5°	14.2	8.5	2.8	0.0
5°	14.2	8.5	2.8	0.0
2.5°	14.2	8.5	2.8	0.0
0°	14.2	8.5	2.8	0.0
-2.5°	14.2	8.5	2.8	0.0
-5°	14.2	8.5	2.8	0.0
-7.5°	14.2	8.5	2.8	0.0
-10°	14.2	8.5	2.8	0.0
-12.5°	17.0	8.5	2.8	0.0
-15°	17.0	8.5	2.8	0.0
-17.5°	17.0	8.5	2.8	0.0
-20°	17.0	8.5	2.8	0.0

REPORT NUMBER: P722545

CATALOG NUMBER: IFLD-S-SA3B-760-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.0	8.5	2.8	0.0
-25°	17.0	8.5	2.8	0.0
-27.5°	17.0	8.5	2.8	0.0
-30°	17.0	8.5	2.8	0.0
-32.5°	17.0	8.5	2.8	0.0
-35°	17.0	8.5	2.8	0.0
-37.5°	17.0	8.5	2.8	0.0
-40°	17.0	8.5	2.8	0.0
-42.5°	14.2	8.5	2.8	0.0
-45°	17.0	8.5	2.8	0.0
-47.5°	17.0	8.5	2.8	0.0
-50°	17.0	8.5	2.8	0.0
-52.5°	17.0	8.5	2.8	0.0
-55°	17.0	8.5	2.8	0.0
-57.5°	17.0	8.5	2.8	0.0
-60°	17.0	8.5	2.8	0.0
-62.5°	14.2	8.5	2.8	0.0
-65°	14.2	5.7	2.8	0.0
-67.5°	14.2	5.7	2.8	0.0
-70°	14.2	5.7	2.8	0.0
-72.5°	11.3	5.7	2.8	0.0
-75°	11.3	5.7	2.8	0.0
-77.5°	8.5	2.8	0.0	0.0
-80°	8.5	2.8	0.0	0.0
-82.5°	5.7	2.8	0.0	0.0
-85°	2.8	2.8	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)