

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: P722161

Luminaire Tested: **IFLD-L-SA8D-760-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722161
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-760-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

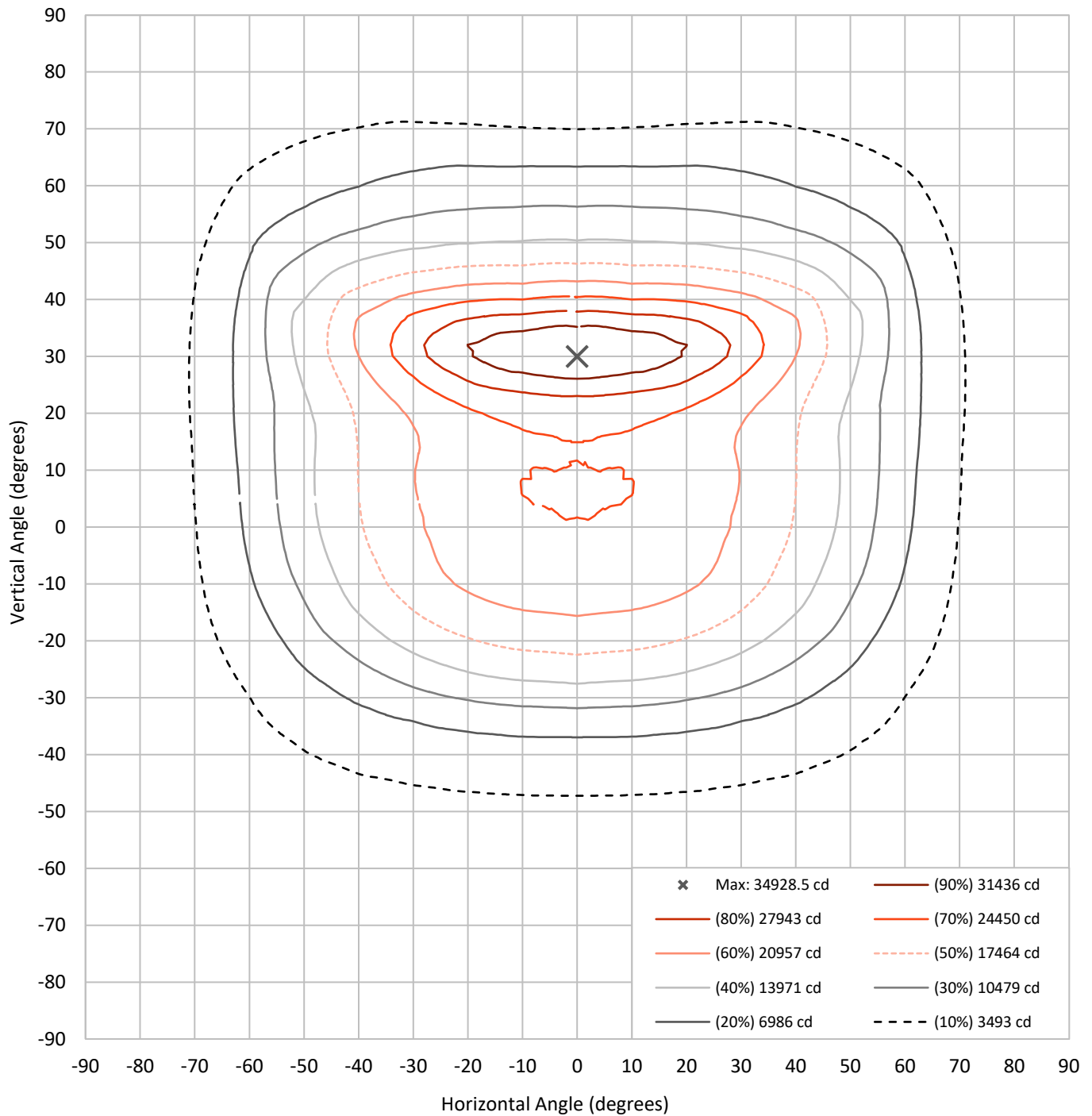
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 58304.5 lumens	Max Intensity: 34928.5 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 119.4 lumens/watt	
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 33904.7 lumens	Field Lumens: 54638.8 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 488.3
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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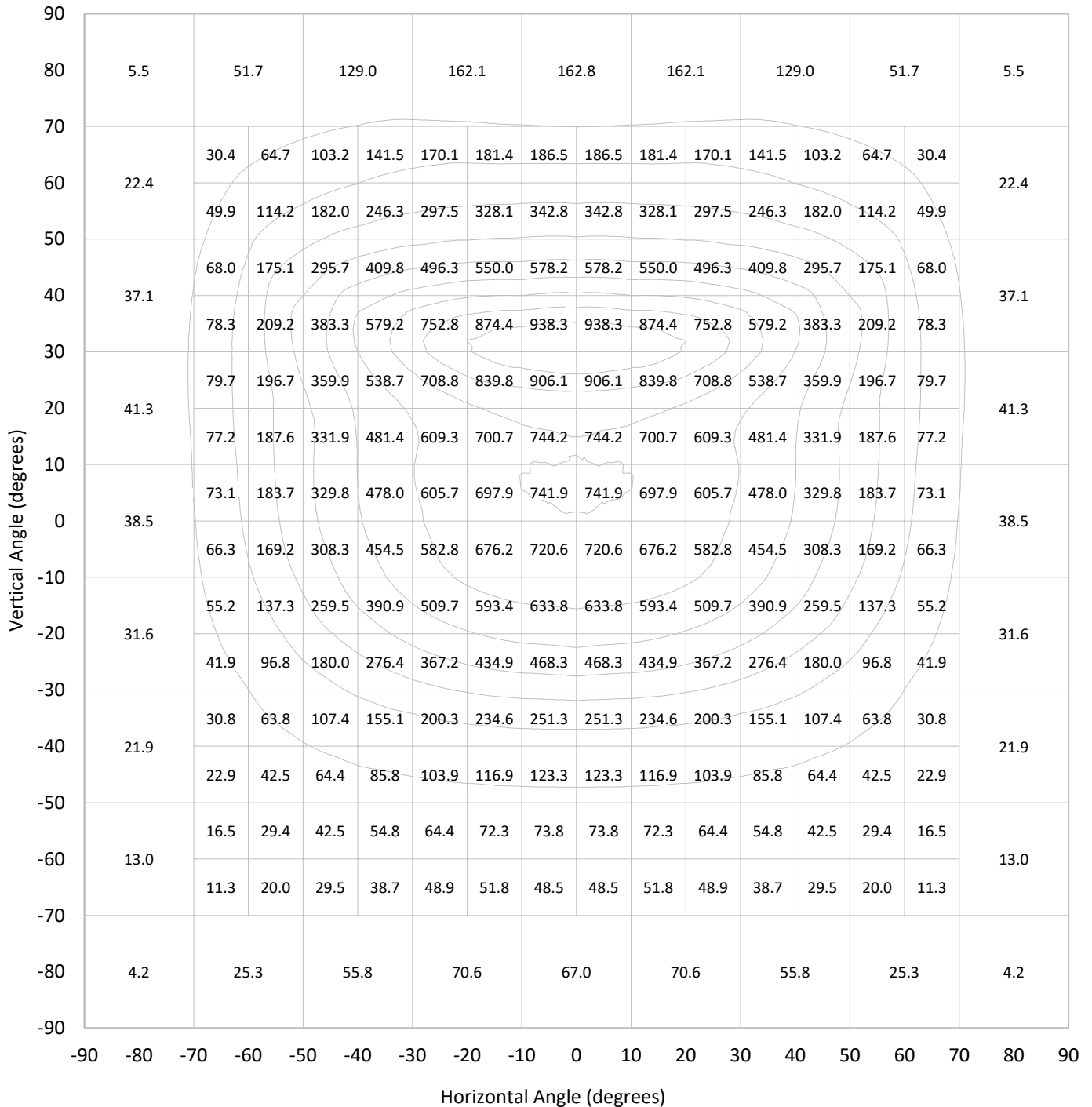
Iso-Candela Plot





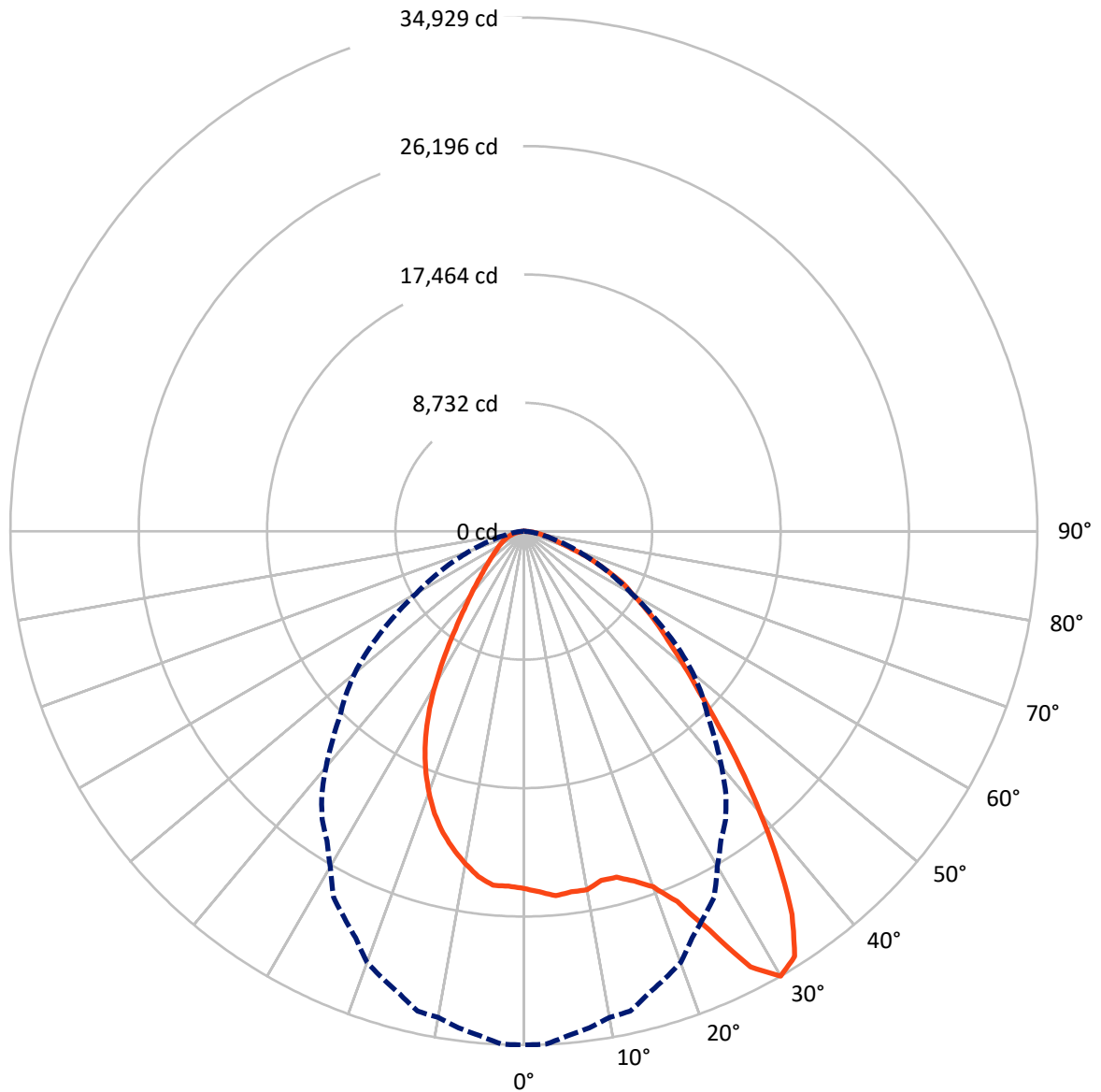
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Lumen Table



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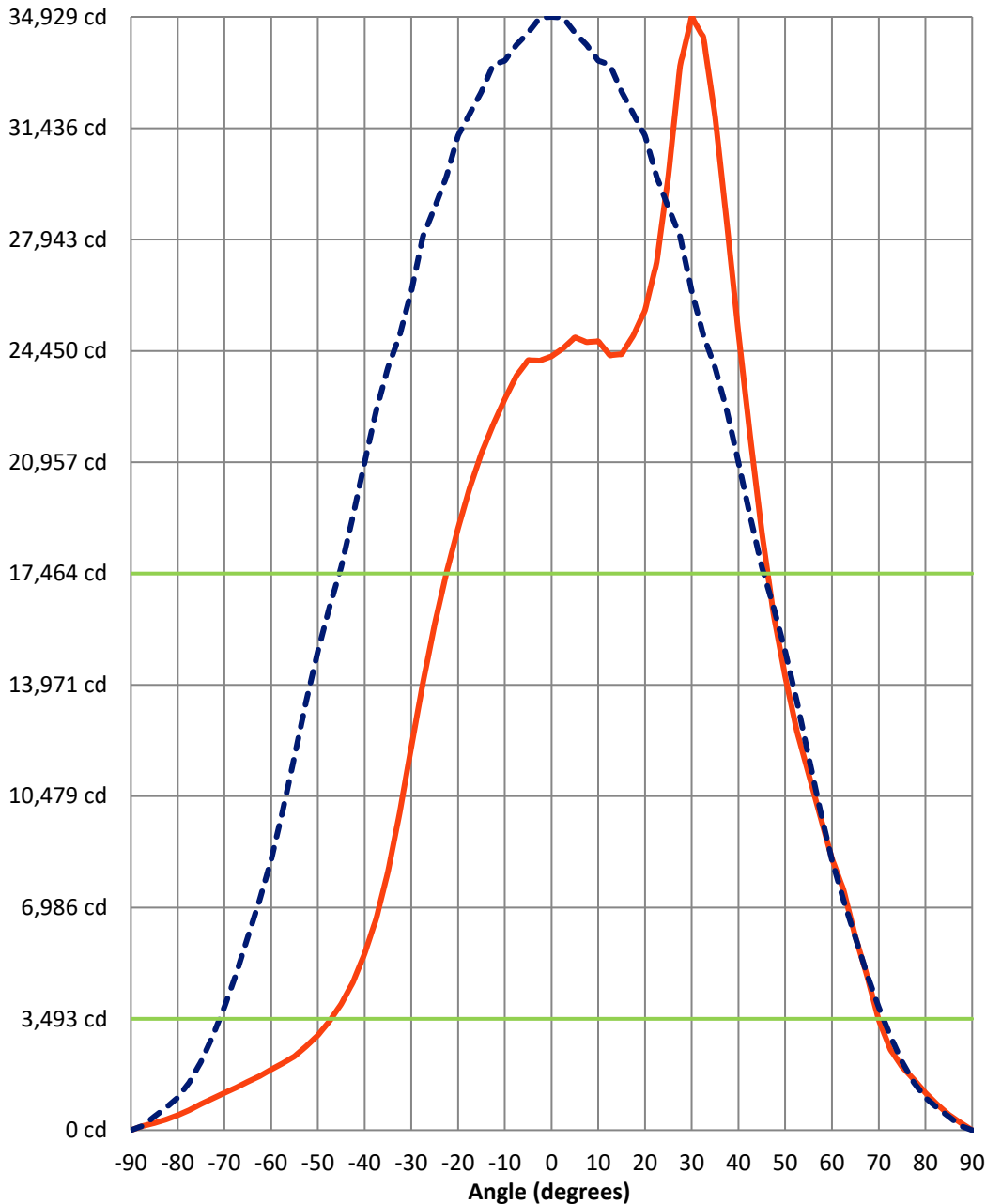
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 33904.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 54638.8
 Efficiency: 93.7%

Spill:
 Lumens: 3665.6
 Efficiency: 6.3%

— 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°	234.7	240.9	247.1	247.1	240.9	240.9	240.9	234.7	240.9	240.9	240.9
85°	487.9	500.3	512.7	506.5	500.3	487.9	475.6	481.8	487.9	494.1	494.1
82.5°	809.1	827.7	840.0	833.8	821.5	809.1	796.8	803.0	815.3	821.5	821.5
80°	1173.5	1179.7	1185.9	1198.3	1179.7	1179.7	1173.5	1198.3	1210.6	1223.0	1235.3
77.5°	1593.6	1599.7	1599.7	1605.9	1612.1	1618.3	1618.3	1661.5	1692.4	1710.9	1729.4
75°	1988.9	2007.4	2025.9	2044.4	2069.2	2081.5	2100.0	2161.8	2211.2	2248.3	2285.3
72.5°	2532.4	2557.1	2588.0	2631.2	2674.5	2705.3	2748.6	2822.7	2878.3	2915.3	2958.6
70°	3465.1	3489.8	3520.6	3551.5	3594.8	3625.6	3668.9	3761.5	3817.1	3841.8	3866.5
67.5°	4848.6	4910.4	4966.0	4904.2	4873.3	4830.1	4842.4	4928.9	4984.5	5021.6	5015.4
65°	6077.7	6121.0	6121.0	6114.8	6090.1	6034.5	6065.4	6170.4	6232.2	6263.0	6170.4
62.5°	7523.1	7523.1	7492.2	7541.6	7547.8	7510.7	7492.2	7498.4	7504.5	7523.1	7368.7
60°	8523.7	8585.4	8604.0	8647.2	8659.6	8659.6	8690.4	8715.1	8715.1	8678.1	8499.0
57.5°	9845.5	9962.8	9987.5	9956.6	9894.9	9814.6	9802.2	9765.2	9691.0	9616.9	9530.5
55°	11179.6	11241.4	11235.2	11216.7	11154.9	11062.2	11074.6	11025.2	10907.8	10815.2	10697.8
52.5°	12519.9	12668.1	12692.9	12655.8	12569.3	12470.5	12476.7	12421.1	12303.7	12204.9	12044.3
50°	14230.8	14354.4	14342.0	14280.2	14156.7	14082.6	14088.8	13983.8	13847.9	13817.0	13607.0
47.5°	16188.8	16330.9	16306.2	16219.7	16052.9	16022.0	16052.9	15917.0	15836.7	15768.8	15521.7
45°	18758.2	18925.0	18832.4	18665.6	18400.0	18430.9	18474.1	18449.4	18276.5	18097.4	17782.4
42.5°	21772.4	21877.4	21766.2	21599.5	21265.9	21327.7	21303.0	21154.8	21049.8	20753.3	20351.8
40°	24996.6	25225.1	25052.2	24792.8	24446.9	24539.5	24471.6	24280.1	24033.0	23662.4	23156.0
37.5°	28474.0	28653.1	28455.5	28152.8	27844.0	27813.1	27677.2	27380.7	27028.7	26621.0	25811.9
35°	31803.2	32266.4	31902.0	31420.2	31043.5	30901.4	30771.7	30086.1	29684.6	29023.7	27918.1
32.5°	34280.0	34619.7	34168.8	33668.5	33211.4	33013.8	32556.7	31741.4	31525.2	30135.5	29122.5
30°	34928.5	34903.8	34434.4	34051.4	33557.3	33421.4	32581.4	31889.6	31197.9	29913.1	28949.6
27.5°	33384.4	33230.0	32779.1	32445.5	31957.6	31797.0	30969.3	30598.7	29530.2	28443.1	27627.8
25°	29944.0	30024.3	29684.6	29517.8	29196.7	28850.8	28523.4	28023.1	27356.0	26404.8	25657.5
22.5°	27232.5	27337.5	27195.4	26997.8	26750.7	26559.3	26312.2	25923.1	25280.7	24693.9	23989.8
20°	25725.4	25694.5	25571.0	25422.8	25188.1	25052.2	24780.4	24453.0	23958.9	23452.4	22692.7
17.5°	24934.8	24743.3	24626.0	24570.4	24446.9	24273.9	23952.7	23619.2	23236.3	22661.8	22106.0
15°	24348.0	24378.9	24286.3	24243.0	24144.2	23903.3	23576.0	23304.2	22785.4	22495.1	21988.6
12.5°	24311.0	24280.1	24286.3	24267.8	24144.2	23835.4	23668.6	23322.7	22989.2	22606.3	22025.7
10°	24749.5	24422.2	24446.9	24533.3	24335.7	24088.6	23909.5	23532.7	23217.7	22729.8	22155.4
7.5°	24724.8	24558.1	24607.5	24465.4	24527.2	24224.5	23977.5	23600.7	23205.4	22686.5	22167.7
5°	24873.1	24619.8	24576.6	24588.9	24434.5	24206.0	23872.5	23514.2	23143.6	22563.0	22031.8
2.5°	24533.3	24570.4	24372.8	24298.6	24280.1	23897.2	23588.3	23242.4	22859.5	22346.8	21871.2
0°	24280.1	24348.0	24144.2	24039.2	24033.0	23705.7	23508.0	23112.7	22841.0	22414.8	21840.4
-2.5°	24144.2	24224.5	24249.2	24057.7	23872.5	23619.2	23285.7	22859.5	22414.8	21920.7	21426.5
-5°	24156.6	23996.0	23928.0	23989.8	23829.2	23576.0	23205.4	22828.6	22390.1	21858.9	21241.2
-7.5°	23668.6	23508.0	23495.7	23464.8	23427.7	23186.9	22878.0	22470.4	22025.7	21531.5	20957.1
-10°	22939.8	22822.4	22791.6	22760.7	22661.8	22519.8	22229.5	21858.9	21457.4	20963.3	20351.8
-12.5°	22130.7	22075.1	21957.7	21877.4	21778.6	21611.8	21333.9	20994.2	20592.7	20154.2	19629.1
-15°	21235.1	21130.1	21012.7	20944.8	20802.7	20605.0	20327.1	20012.1	19573.6	19141.2	18647.1
-17.5°	20154.2	20024.4	19894.7	19876.2	19777.4	19474.7	19215.3	18832.4	18449.4	18035.6	17553.8
-20°	18881.8	18702.7	18616.2	18566.8	18430.9	18208.5	17930.6	17578.5	17207.9	16812.6	16256.7



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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°	17473.5	17319.1	17170.9	17078.2	16960.9	16787.9	16522.3	16213.5	15849.1	15404.4	14891.7
-25°	15873.8	15657.6	15565.0	15460.0	15398.2	15237.6	14978.2	14694.1	14317.3	13884.9	13397.0
-27.5°	14045.5	13872.6	13823.2	13674.9	13600.8	13434.0	13217.9	12952.3	12606.4	12198.7	11797.3
-30°	12025.8	11920.8	11840.5	11692.3	11636.7	11457.5	11315.5	11093.1	10778.1	10487.8	10166.6
-32.5°	9950.5	9845.5	9820.7	9752.8	9715.7	9598.4	9437.8	9277.2	9024.0	8807.8	8548.4
-35°	8109.8	8035.7	8041.9	8035.7	7998.7	7912.2	7714.5	7671.3	7486.0	7288.4	7121.6
-37.5°	6639.8	6646.0	6639.8	6633.6	6584.2	6547.2	6405.1	6349.5	6238.3	6046.9	5948.0
-40°	5534.2	5546.6	5540.4	5528.0	5472.4	5453.9	5361.3	5287.1	5243.9	5108.0	5003.0
-42.5°	4638.6	4657.1	4651.0	4644.8	4607.7	4601.5	4552.1	4465.7	4441.0	4360.7	4249.5
-45°	3959.2	3953.0	3940.7	3953.0	3934.5	3915.9	3885.1	3829.5	3798.6	3761.5	3668.9
-47.5°	3421.8	3428.0	3415.6	3415.6	3390.9	3372.4	3360.1	3323.0	3298.3	3267.4	3211.8
-50°	2977.1	3001.8	2995.6	2989.5	2970.9	2958.6	2958.6	2921.5	2884.5	2872.1	2835.0
-52.5°	2631.2	2649.7	2655.9	2668.3	2674.5	2680.6	2662.1	2625.0	2563.3	2557.1	2538.6
-55°	2316.2	2371.8	2408.9	2433.6	2458.3	2476.8	2439.7	2390.3	2328.6	2303.9	2297.7
-57.5°	2100.0	2155.6	2198.9	2235.9	2266.8	2297.7	2260.6	2211.2	2155.6	2124.7	2118.6
-60°	1902.4	1951.8	1995.0	2044.4	2087.7	2137.1	2118.6	2081.5	2050.6	2025.9	2001.2
-62.5°	1692.4	1741.8	1791.2	1853.0	1908.6	1958.0	1964.1	1958.0	1951.8	1958.0	1914.7
-65°	1519.4	1544.1	1575.0	1643.0	1704.7	1760.3	1791.2	1809.7	1840.6	1871.5	1828.3
-67.5°	1334.1	1365.0	1402.1	1451.5	1500.9	1538.0	1581.2	1630.6	1680.0	1729.4	1698.6
-70°	1167.4	1192.1	1223.0	1247.7	1278.6	1303.3	1340.3	1395.9	1451.5	1500.9	1488.6
-72.5°	994.4	1019.1	1037.7	1050.0	1068.5	1080.9	1099.4	1148.8	1185.9	1210.6	1210.6
-75°	821.5	846.2	864.7	870.9	883.2	889.4	901.8	920.3	938.8	945.0	951.2
-77.5°	630.0	654.7	673.2	685.6	698.0	710.3	716.5	728.8	735.0	735.0	741.2
-80°	469.4	487.9	500.3	518.8	525.0	537.4	549.7	555.9	562.1	562.1	568.2
-82.5°	333.5	345.9	358.2	370.6	382.9	389.1	401.5	407.7	413.8	420.0	426.2
-85°	222.4	234.7	247.1	259.4	265.6	271.8	277.9	284.1	290.3	296.5	302.7
-87.5°	129.7	135.9	142.1	154.4	160.6	172.9	179.1	172.9	179.1	179.1	179.1
-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°	240.9	240.9	240.9	240.9	234.7	222.4	216.2	203.8	191.5	179.1	166.8
85°	500.3	506.5	506.5	506.5	494.1	487.9	469.4	450.9	426.2	389.1	358.2
82.5°	833.8	840.0	840.0	833.8	821.5	803.0	778.2	747.4	698.0	648.5	605.3
80°	1253.8	1260.0	1260.0	1253.8	1223.0	1192.1	1161.2	1124.1	1062.4	994.4	920.3
77.5°	1754.1	1766.5	1766.5	1748.0	1704.7	1667.7	1618.3	1556.5	1463.8	1365.0	1266.2
75°	2334.7	2365.6	2371.8	2353.3	2297.7	2229.7	2149.4	2044.4	1902.4	1778.9	1661.5
72.5°	3008.0	3038.9	3063.6	3038.9	2958.6	2865.9	2748.6	2625.0	2483.0	2316.2	2118.6
70°	3891.2	3922.1	3940.7	3860.4	3718.3	3563.9	3421.8	3279.8	3113.0	2909.2	2693.0
67.5°	5003.0	4972.1	4935.1	4774.5	4595.4	4410.1	4212.4	4002.4	3786.2	3570.1	3316.8
65°	6071.6	5985.1	5904.8	5713.3	5484.8	5243.9	5015.4	4780.7	4521.3	4249.5	4008.6
62.5°	7195.7	7010.4	6812.8	6578.0	6343.3	6077.7	5849.2	5571.3	5281.0	4947.4	4638.6
60°	8301.3	8079.0	7881.3	7591.0	7282.2	6923.9	6676.9	6405.1	6065.4	5707.2	5342.7
57.5°	9369.9	9129.0	8912.8	8659.6	8326.0	7936.9	7665.1	7313.1	6954.8	6503.9	6133.3
55°	10506.3	10265.5	10092.5	9808.4	9444.0	9085.7	8789.3	8418.7	7918.4	7436.6	6979.5
52.5°	11809.6	11618.1	11432.8	11142.5	10704.0	10339.6	10012.2	9598.4	9073.4	8480.4	7930.7
50°	13267.3	13168.5	12970.8	12631.1	12130.8	11809.6	11377.2	10827.5	10265.5	9641.6	8956.0
47.5°	15200.5	15040.0	14762.0	14391.4	13971.4	13489.6	12909.0	12266.7	11469.9	10778.1	10049.3
45°	17510.6	17214.1	16855.9	16355.6	15836.7	15293.2	14657.0	13841.7	12773.2	11871.4	11105.5
42.5°	20012.1	19610.6	19122.7	18468.0	17794.7	17127.6	16442.0	15330.3	13996.1	12958.4	12093.7
40°	22624.8	22112.1	21500.6	20549.5	19802.1	18943.5	18159.1	16497.6	15077.0	13952.9	13032.6
37.5°	25181.9	24533.3	23508.0	22353.0	21482.1	20778.0	19054.7	17275.9	16003.5	14768.2	13835.5
35°	27139.9	26590.1	24780.4	23582.2	22834.8	21723.0	19567.4	17745.3	16398.8	15373.5	13922.0
32.5°	28301.1	26880.4	25293.1	24082.5	23464.8	21642.7	19604.4	17881.2	16584.1	15435.3	13699.6
30°	28041.6	26324.6	24934.8	23921.9	22581.5	20944.8	19258.6	17671.2	16411.2	15021.4	13452.6
27.5°	26479.0	25151.0	23909.5	22853.3	21537.7	20067.7	18511.2	17115.3	15941.7	14595.2	13112.9
25°	24712.5	23508.0	22587.7	21667.4	20419.7	19017.7	17646.5	16639.7	15460.0	14132.0	12668.1
22.5°	23088.0	22223.3	21500.6	20537.1	19320.3	18097.4	17245.0	16201.1	14990.5	13644.0	12211.1
20°	22050.4	21463.6	20635.9	19573.6	18616.2	17850.3	16905.3	15799.7	14552.0	13143.7	11822.0
17.5°	21550.1	20870.6	19950.3	19258.6	18523.5	17683.5	16627.3	15453.8	14125.8	12915.2	11865.2
15°	21290.6	20574.2	19968.9	19289.4	18461.8	17578.5	16405.0	15188.2	14125.8	13007.9	11896.1
12.5°	21346.2	20728.6	20067.7	19326.5	18437.1	17492.1	16429.7	15299.4	14199.9	13075.8	11902.3
10°	21519.2	20870.6	20166.5	19345.0	18449.4	17516.8	16497.6	15367.3	14237.0	13106.7	11889.9
7.5°	21580.9	20876.8	20123.3	19295.6	18418.5	17504.4	16510.0	15385.8	14243.2	13100.5	11852.8
5°	21389.5	20753.3	20024.4	19190.6	18332.1	17442.6	16460.6	15361.1	14193.8	13038.7	11760.2
2.5°	21130.1	20617.4	19919.4	19116.5	18245.6	17356.2	16380.3	15250.0	14082.6	12927.6	11642.8
0°	21086.8	20450.6	19746.5	19030.0	18103.5	17164.7	16195.0	15040.0	13878.8	12717.6	11439.0
-2.5°	20802.7	20129.4	19425.3	18647.1	17831.8	16886.7	15867.6	14737.3	13588.5	12445.8	11216.7
-5°	20586.5	19839.2	19091.8	18251.8	17430.3	16485.3	15429.1	14329.6	13205.5	12093.7	10907.8
-7.5°	20296.2	19530.3	18745.9	17868.8	16979.4	16015.9	14972.0	13872.6	12767.0	11661.4	10524.9
-10°	19709.4	19036.2	18301.2	17393.2	16454.4	15490.8	14453.2	13372.3	12266.7	11148.7	10006.0
-12.5°	18999.1	18288.8	17485.9	16652.0	15812.0	14916.4	13878.8	12816.4	11704.6	10580.5	9444.0
-15°	18078.8	17380.9	16559.4	15744.1	14935.0	14076.4	13162.3	12204.9	11074.6	9969.0	8832.5
-17.5°	16930.0	16275.3	15540.3	14762.0	13959.1	13094.3	12204.9	11395.8	10339.6	9301.9	8177.8
-20°	15694.7	15083.2	14422.3	13687.3	12884.3	12038.1	11198.1	10351.9	9437.8	8523.7	7479.8



REPORT NUMBER: P722161
 CATALOG NUMBER: IFLD-L-SA8D-760-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	14409.9	13792.3	13125.2	12439.6	11698.4	10914.0	10135.8	9326.6	8523.7	7696.0	6812.8
-25°	12927.6	12384.0	11772.5	11105.5	10444.6	9759.0	9017.8	8282.8	7597.2	6880.7	6158.0
-27.5°	11377.2	10876.9	10321.1	9740.5	9172.2	8597.8	7955.4	7276.0	6707.8	6114.8	5515.7
-30°	9746.6	9345.2	8894.3	8387.8	7949.2	7486.0	6948.6	6386.6	5867.7	5416.9	4935.1
-32.5°	8202.5	7862.8	7541.6	7208.1	6775.7	6417.5	6046.9	5633.0	5176.0	4749.8	4403.9
-35°	6874.5	6510.1	6374.2	6127.2	5818.3	5503.3	5231.6	4935.1	4589.2	4212.4	3928.3
-37.5°	5756.6	5540.4	5348.9	5213.0	5009.2	4756.0	4539.8	4323.6	4058.0	3773.9	3489.8
-40°	4885.7	4737.4	4527.4	4459.5	4329.8	4156.8	3934.5	3767.7	3588.6	3372.4	3131.5
-42.5°	4187.7	4076.5	3940.7	3823.3	3767.7	3644.2	3471.2	3310.6	3168.6	3020.3	2835.0
-45°	3613.3	3539.2	3452.7	3347.7	3304.5	3205.6	3082.1	2903.0	2822.7	2699.2	2563.3
-47.5°	3150.1	3113.0	3051.2	2983.3	2921.5	2847.4	2736.2	2625.0	2513.9	2433.6	2328.6
-50°	2785.6	2760.9	2723.9	2668.3	2588.0	2538.6	2464.5	2365.6	2260.6	2192.7	2118.6
-52.5°	2495.3	2470.6	2445.9	2402.7	2340.9	2291.5	2229.7	2149.4	2063.0	1995.0	1933.3
-55°	2273.0	2235.9	2217.4	2180.3	2130.9	2075.3	2019.7	1964.1	1890.0	1828.3	1766.5
-57.5°	2100.0	2050.6	2025.9	1995.0	1945.6	1890.0	1846.8	1791.2	1741.8	1673.9	1618.3
-60°	1964.1	1908.6	1859.1	1828.3	1785.0	1729.4	1686.2	1643.0	1593.6	1538.0	1470.0
-62.5°	1853.0	1785.0	1717.1	1680.0	1636.8	1587.4	1544.1	1500.9	1451.5	1395.9	1334.1
-65°	1748.0	1667.7	1581.2	1544.1	1500.9	1451.5	1395.9	1365.0	1321.8	1272.4	1210.6
-67.5°	1618.3	1531.8	1457.7	1414.4	1371.2	1328.0	1278.6	1247.7	1204.4	1142.7	1080.9
-70°	1426.8	1371.2	1321.8	1284.7	1247.7	1210.6	1161.2	1111.8	1062.4	1006.8	951.2
-72.5°	1185.9	1167.4	1161.2	1142.7	1099.4	1056.2	1006.8	957.4	914.1	870.9	827.7
-75°	957.4	969.7	982.1	975.9	932.7	889.4	846.2	803.0	772.1	735.0	698.0
-77.5°	759.7	772.1	784.4	784.4	753.5	728.8	698.0	667.1	642.4	611.5	574.4
-80°	586.8	605.3	623.8	636.2	611.5	593.0	568.2	543.5	518.8	494.1	469.4
-82.5°	444.7	463.2	481.8	494.1	475.6	463.2	444.7	426.2	407.7	382.9	364.4
-85°	321.2	333.5	345.9	352.1	339.7	327.4	315.0	302.7	290.3	271.8	259.4
-87.5°	185.3	191.5	197.7	203.8	191.5	179.1	172.9	160.6	154.4	142.1	135.9
-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-SA8D-760-U-76

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°	154.4	142.1	129.7	123.5	111.2	92.6	80.3	67.9	55.6	43.2	37.1
85°	327.4	296.5	259.4	240.9	216.2	191.5	166.8	142.1	117.4	92.6	67.9
82.5°	562.1	525.0	487.9	444.7	389.1	321.2	253.2	210.0	172.9	135.9	105.0
80°	846.2	778.2	716.5	660.9	599.1	512.7	420.0	333.5	234.7	179.1	135.9
77.5°	1173.5	1093.3	1006.8	914.1	815.3	698.0	593.0	481.8	364.4	247.1	172.9
75°	1544.1	1439.1	1321.8	1192.1	1062.4	908.0	759.7	630.0	494.1	345.9	210.0
72.5°	1958.0	1828.3	1686.2	1513.3	1309.4	1130.3	951.2	778.2	617.7	438.5	284.1
70°	2489.2	2285.3	2075.3	1890.0	1630.6	1346.5	1136.5	938.8	735.0	537.4	358.2
67.5°	3057.4	2810.3	2557.1	2285.3	1958.0	1624.4	1321.8	1099.4	858.5	630.0	426.2
65°	3675.1	3366.2	3045.1	2742.4	2291.5	1896.2	1556.5	1253.8	975.9	716.5	494.1
62.5°	4311.2	3946.8	3576.2	3180.9	2662.1	2174.2	1778.9	1426.8	1087.1	796.8	555.9
60°	4990.7	4564.5	4113.6	3619.5	3014.2	2476.8	1988.9	1605.9	1204.4	877.1	623.8
57.5°	5707.2	5243.9	4712.7	4045.7	3378.6	2767.1	2229.7	1766.5	1309.4	951.2	673.2
55°	6485.4	5954.2	5373.6	4490.4	3736.8	3057.4	2470.6	1927.1	1420.6	1013.0	722.7
52.5°	7325.4	6707.8	5972.7	4959.8	4113.6	3353.9	2693.0	2069.2	1525.6	1080.9	765.9
50°	8264.3	7486.0	6497.8	5392.1	4441.0	3631.8	2915.3	2223.6	1612.1	1155.0	803.0
47.5°	9240.2	8400.1	6967.2	5793.6	4774.5	3903.6	3143.9	2359.5	1698.6	1216.8	840.0
45°	10259.3	9036.3	7455.1	6151.9	5064.8	4150.7	3316.8	2483.0	1803.6	1272.4	870.9
42.5°	11266.1	9518.1	7881.3	6510.1	5336.6	4373.0	3458.9	2600.3	1890.0	1328.0	901.8
40°	11741.7	9882.5	8221.0	6757.2	5565.1	4570.7	3582.4	2705.3	1964.1	1365.0	932.7
37.5°	11939.3	10104.9	8443.4	6991.9	5744.2	4675.7	3687.4	2798.0	2025.9	1402.1	957.4
35°	11982.6	10185.2	8554.6	7152.5	5892.4	4774.5	3767.7	2865.9	2075.3	1439.1	982.1
32.5°	11902.3	10160.5	8585.4	7208.1	5985.1	4848.6	3823.3	2915.3	2112.4	1476.2	1006.8
30°	11723.1	10030.8	8474.3	7201.9	6053.0	4891.8	3860.4	2952.4	2149.4	1500.9	1019.1
27.5°	11432.8	9802.2	8332.2	7208.1	6090.1	4910.4	3878.9	2970.9	2174.2	1519.4	1043.8
25°	11074.6	9493.4	8338.4	7195.7	6096.3	4916.6	3878.9	2970.9	2180.3	1525.6	1062.4
22.5°	10660.8	9493.4	8338.4	7177.2	6059.2	4904.2	3860.4	2958.6	2180.3	1538.0	1080.9
20°	10685.5	9499.6	8319.8	7140.1	6003.6	4867.1	3817.1	2927.7	2161.8	1556.5	1093.3
17.5°	10704.0	9487.2	8282.8	7090.7	5929.5	4805.4	3761.5	2884.5	2161.8	1575.0	1099.4
15°	10704.0	9450.2	8227.2	7016.6	5836.9	4718.9	3681.2	2847.4	2168.0	1581.2	1111.8
12.5°	10685.5	9382.2	8140.7	6917.8	5725.7	4613.9	3631.8	2835.0	2168.0	1587.4	1111.8
10°	10648.4	9289.6	8029.5	6794.2	5620.7	4576.8	3607.1	2810.3	2155.6	1587.4	1111.8
7.5°	10580.5	9178.4	7936.9	6720.1	5558.9	4533.6	3570.1	2773.3	2137.1	1575.0	1124.1
5°	10475.5	9116.6	7862.8	6633.6	5472.4	4502.7	3545.4	2742.4	2124.7	1575.0	1111.8
2.5°	10339.6	9042.5	7776.3	6522.5	5373.6	4397.7	3465.1	2674.5	2081.5	1550.3	1099.4
0°	10117.2	8894.3	7628.1	6368.0	5237.7	4292.7	3384.8	2606.5	2038.3	1525.6	1087.1
-2.5°	9913.4	8696.6	7436.6	6207.5	5108.0	4200.1	3323.0	2569.5	2019.7	1519.4	1080.9
-5°	9629.3	8424.8	7183.4	5997.5	4935.1	4107.4	3261.2	2526.2	2001.2	1507.1	1080.9
-7.5°	9314.3	8140.7	6917.8	5781.3	4762.1	3946.8	3143.9	2458.3	1958.0	1482.4	1074.7
-10°	8826.3	7714.5	6584.2	5534.2	4576.8	3804.8	3045.1	2396.5	1920.9	1457.7	1050.0
-12.5°	8307.5	7245.1	6201.3	5231.6	4366.8	3656.5	2933.9	2328.6	1877.7	1433.0	1037.7
-15°	7757.8	6763.3	5799.8	4916.6	4138.3	3477.4	2816.5	2254.4	1834.4	1402.1	1019.1
-17.5°	7183.4	6256.9	5386.0	4595.4	3909.8	3292.1	2693.0	2186.5	1785.0	1371.2	1000.6
-20°	6578.0	5738.0	4966.0	4268.0	3668.9	3106.8	2563.3	2106.2	1729.4	1334.1	975.9



REPORT NUMBER: P722161
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	5978.9	5225.4	4533.6	3946.8	3421.8	2915.3	2433.6	2025.9	1667.7	1290.9	957.4
-25°	5447.7	4743.6	4150.7	3638.0	3180.9	2730.0	2297.7	1945.6	1599.7	1247.7	932.7
-27.5°	4928.9	4329.8	3773.9	3347.7	2946.2	2550.9	2168.0	1859.1	1531.8	1198.3	908.0
-30°	4447.1	3934.5	3477.4	3063.6	2723.9	2390.3	2056.8	1772.7	1457.7	1148.8	877.1
-32.5°	4008.6	3594.8	3211.8	2816.5	2513.9	2229.7	1951.8	1686.2	1383.6	1099.4	846.2
-35°	3600.9	3279.8	2946.2	2612.7	2303.9	2081.5	1840.6	1593.6	1315.6	1043.8	815.3
-37.5°	3236.5	2977.1	2711.5	2427.4	2161.8	1939.4	1735.6	1500.9	1247.7	994.4	784.4
-40°	2921.5	2711.5	2476.8	2248.3	2025.9	1815.9	1630.6	1408.3	1179.7	957.4	753.5
-42.5°	2631.2	2470.6	2279.2	2087.7	1890.0	1704.7	1525.6	1309.4	1111.8	914.1	722.7
-45°	2408.9	2248.3	2093.9	1920.9	1754.1	1593.6	1414.4	1223.0	1050.0	864.7	691.8
-47.5°	2198.9	2056.8	1914.7	1772.7	1636.8	1488.6	1309.4	1148.8	982.1	821.5	667.1
-50°	2013.6	1877.7	1754.1	1630.6	1513.3	1371.2	1204.4	1074.7	926.5	778.2	636.2
-52.5°	1840.6	1723.3	1599.7	1500.9	1402.1	1260.0	1124.1	1000.6	870.9	728.8	605.3
-55°	1686.2	1575.0	1463.8	1371.2	1278.6	1155.0	1043.8	938.8	815.3	691.8	574.4
-57.5°	1538.0	1445.3	1340.3	1253.8	1161.2	1062.4	969.7	870.9	759.7	654.7	543.5
-60°	1402.1	1315.6	1223.0	1136.5	1056.2	975.9	889.4	809.1	710.3	611.5	512.7
-62.5°	1266.2	1192.1	1111.8	1025.3	963.5	889.4	821.5	741.2	660.9	574.4	457.1
-65°	1142.7	1074.7	1000.6	926.5	870.9	815.3	753.5	679.4	611.5	531.2	407.7
-67.5°	1019.1	957.4	895.6	833.8	784.4	741.2	679.4	623.8	568.2	481.8	358.2
-70°	901.8	852.4	796.8	747.4	710.3	660.9	617.7	568.2	518.8	420.0	302.7
-72.5°	790.6	741.2	698.0	660.9	630.0	586.8	549.7	512.7	444.7	352.1	253.2
-75°	660.9	630.0	605.3	574.4	543.5	512.7	481.8	438.5	370.6	284.1	197.7
-77.5°	543.5	525.0	506.5	481.8	457.1	432.4	395.3	352.1	296.5	222.4	160.6
-80°	444.7	426.2	413.8	389.1	370.6	345.9	308.8	271.8	216.2	172.9	129.7
-82.5°	339.7	327.4	315.0	302.7	284.1	259.4	222.4	191.5	160.6	129.7	98.8
-85°	240.9	234.7	222.4	210.0	191.5	172.9	148.2	129.7	111.2	86.5	67.9
-87.5°	123.5	117.4	111.2	105.0	98.8	86.5	74.1	61.8	55.6	43.2	30.9
-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: P722161
 CATALOG NUMBER: IFLD-L-SA8D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	24.7	18.5	6.2	0.0
85°	49.4	30.9	12.4	0.0
82.5°	74.1	49.4	18.5	0.0
80°	98.8	61.8	30.9	0.0
77.5°	123.5	74.1	37.1	0.0
75°	148.2	92.6	43.2	0.0
72.5°	166.8	105.0	49.4	0.0
70°	197.7	123.5	55.6	0.0
67.5°	247.1	135.9	61.8	0.0
65°	290.3	148.2	67.9	0.0
62.5°	339.7	160.6	74.1	0.0
60°	382.9	172.9	80.3	0.0
57.5°	426.2	203.8	86.5	0.0
55°	463.2	228.5	92.6	0.0
52.5°	506.5	253.2	98.8	0.0
50°	543.5	277.9	105.0	0.0
47.5°	574.4	302.7	105.0	0.0
45°	599.1	321.2	111.2	0.0
42.5°	617.7	339.7	117.4	0.0
40°	636.2	358.2	123.5	0.0
37.5°	654.7	376.8	123.5	0.0
35°	673.2	395.3	129.7	0.0
32.5°	691.8	413.8	129.7	0.0
30°	704.1	426.2	135.9	0.0
27.5°	722.7	438.5	135.9	0.0
25°	728.8	450.9	142.1	0.0
22.5°	741.2	457.1	142.1	0.0
20°	753.5	469.4	142.1	0.0
17.5°	759.7	475.6	148.2	0.0
15°	759.7	481.8	154.4	0.0
12.5°	765.9	487.9	154.4	0.0
10°	765.9	500.3	148.2	0.0
7.5°	778.2	494.1	148.2	0.0
5°	772.1	494.1	148.2	0.0
2.5°	765.9	487.9	148.2	0.0
0°	759.7	487.9	148.2	0.0
-2.5°	759.7	487.9	148.2	0.0
-5°	759.7	487.9	148.2	0.0
-7.5°	753.5	494.1	148.2	0.0
-10°	741.2	494.1	148.2	0.0
-12.5°	735.0	475.6	148.2	0.0
-15°	728.8	469.4	148.2	0.0
-17.5°	716.5	463.2	142.1	0.0
-20°	704.1	457.1	142.1	0.0



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 CATALOG NUMBER: IFLD-L-SA8D-760-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	691.8	444.7	142.1	0.0
-25°	679.4	432.4	135.9	0.0
-27.5°	667.1	420.0	135.9	0.0
-30°	648.5	407.7	129.7	0.0
-32.5°	630.0	395.3	129.7	0.0
-35°	617.7	376.8	123.5	0.0
-37.5°	599.1	358.2	123.5	0.0
-40°	580.6	339.7	117.4	0.0
-42.5°	562.1	321.2	111.2	0.0
-45°	537.4	302.7	111.2	0.0
-47.5°	518.8	284.1	105.0	0.0
-50°	487.9	259.4	98.8	0.0
-52.5°	450.9	234.7	92.6	0.0
-55°	413.8	216.2	86.5	0.0
-57.5°	376.8	191.5	86.5	0.0
-60°	339.7	166.8	80.3	0.0
-62.5°	302.7	154.4	74.1	0.0
-65°	265.6	142.1	67.9	0.0
-67.5°	222.4	123.5	61.8	0.0
-70°	185.3	111.2	55.6	0.0
-72.5°	160.6	98.8	49.4	0.0
-75°	135.9	86.5	43.2	0.0
-77.5°	117.4	74.1	37.1	0.0
-80°	92.6	55.6	24.7	0.0
-82.5°	67.9	43.2	18.5	0.0
-85°	43.2	30.9	12.4	0.0
-87.5°	24.7	12.4	6.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)