

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: P723773

Luminaire Tested: **IFLD-L-SA7E-750-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723773
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-750-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	30569.1 lumens	Max Intensity:	719183.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	11085.6 lumens	Field Lumens:	17672.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

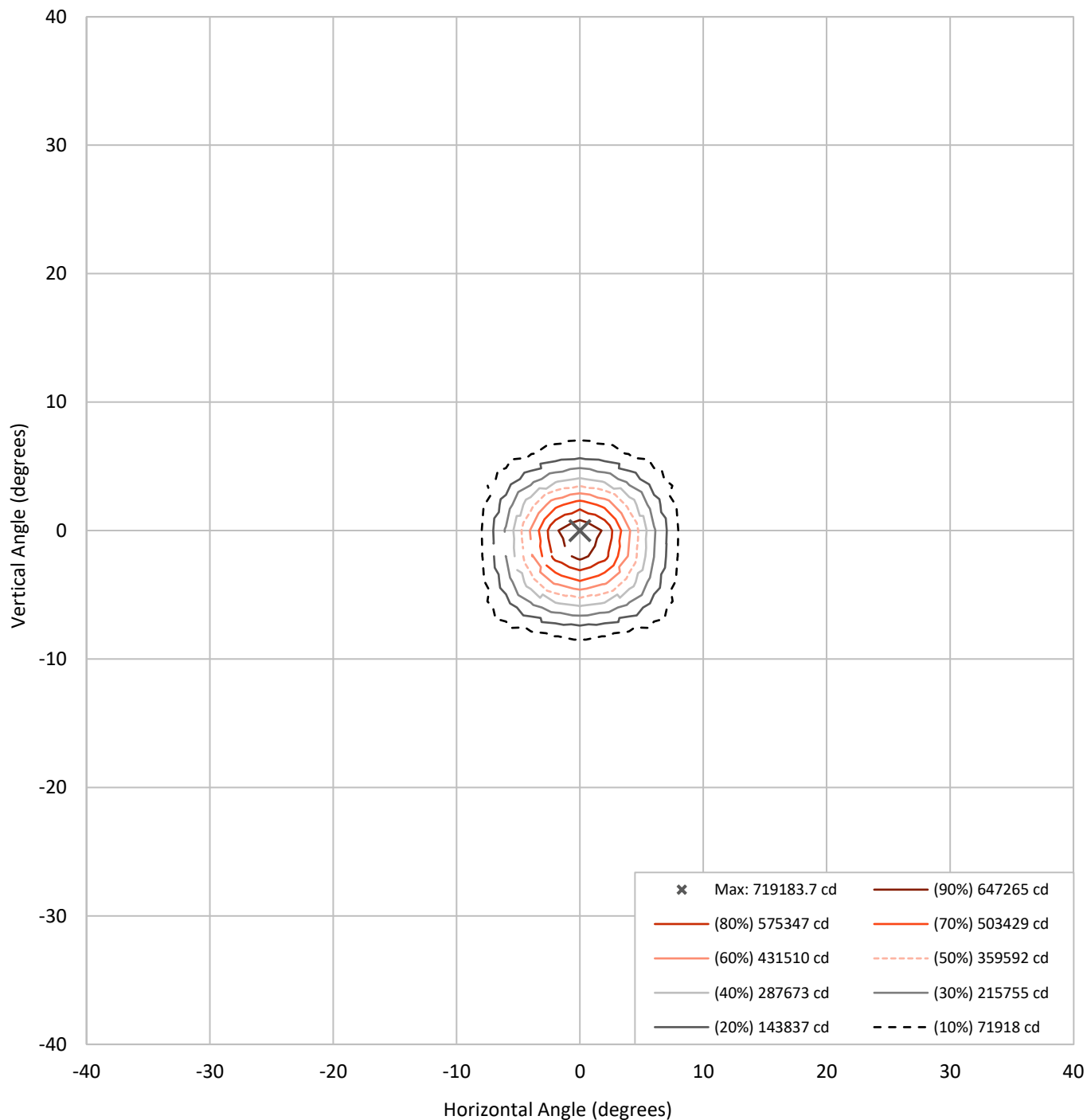
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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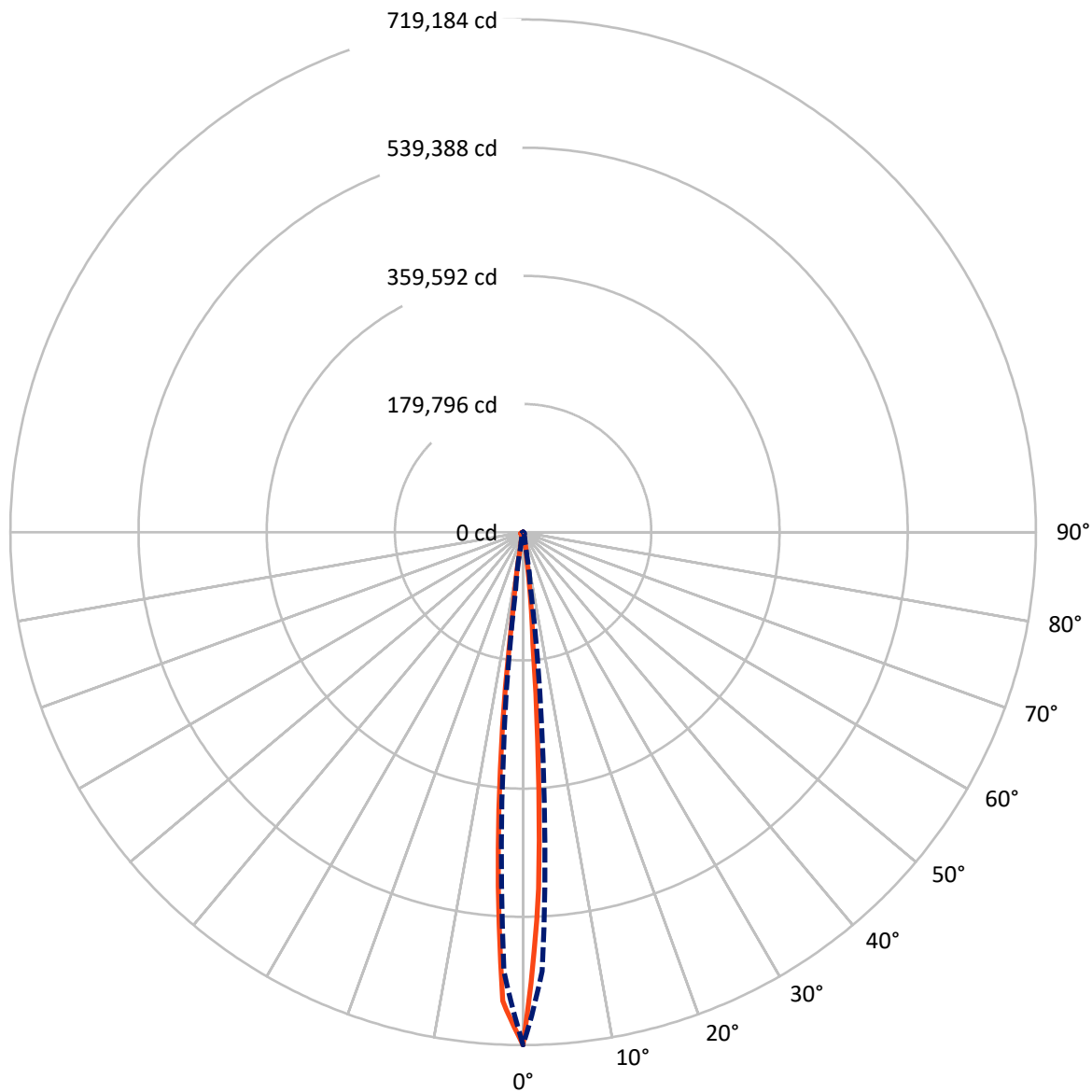
Lumen Table

90																			
80	0.5		6.8		7.4		2.8		0.8		2.8		7.4		6.8		0.5		
70	0.8		1.5	2.0	1.5	1.2	1.0	0.8	0.4	0.4	0.8	1.0	1.2	1.5	2.0	1.5	0.8		
60			1.0	1.4	3.6	7.9	12.9	16.5	19.0	19.0	16.5	12.9	7.9	3.6	1.4	1.0			
50	0.8		1.0	4.2	13.9	27.4	40.1	48.3	53.5	53.5	48.3	40.1	27.4	13.9	4.2	1.0	0.8		
40			2.1	10.6	28.6	46.5	54.6	59.0	61.0	61.0	59.0	54.6	46.5	28.6	10.6	2.1			
30	1.2		4.0	18.1	41.6	53.9	55.5	65.4	78.8	78.8	65.4	55.5	53.9	41.6	18.1	4.0	1.2		
20			6.2	25.4	51.1	57.4	64.8	113.9	194.0	194.0	113.9	64.8	57.4	51.1	25.4	6.2			
10	2.0		8.1	31.2	56.2	59.6	80.0	216.5	4013.0	4013.0	216.5	80.0	59.6	56.2	31.2	8.1	2.0		
0			9.4	34.1	59.0	61.7	82.7	233.3	5851.3	5851.3	233.3	82.7	61.7	59.0	34.1	9.4			
-10	2.9		10.1	35.0	62.1	66.8	74.6	135.6	260.3	260.3	135.6	74.6	66.8	62.1	35.0	10.1	2.9		
-20			9.5	33.3	62.9	75.0	75.1	87.8	107.1	107.1	87.8	75.1	75.0	62.9	33.3	9.5			
-30	3.2		8.4	29.4	60.2	82.5	89.9	93.6	94.4	94.4	93.6	89.9	82.5	60.2	29.4	8.4	3.2		
-40			7.4	23.7	51.1	79.6	96.8	108.5	113.7	113.7	108.5	96.8	79.6	51.1	23.7	7.4			
-50	2.6		6.7	18.3	39.6	67.9	91.1	105.9	112.0	112.0	105.9	91.1	67.9	39.6	18.3	6.7	2.6		
-60			6.2	16.1	32.3	56.6	79.7	96.4	104.2	104.2	96.4	79.7	56.6	32.3	16.1	6.2			
-70	1.2																1.2		
-80			18.9		56.3		104.3		115.2		104.3		56.3		18.9				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



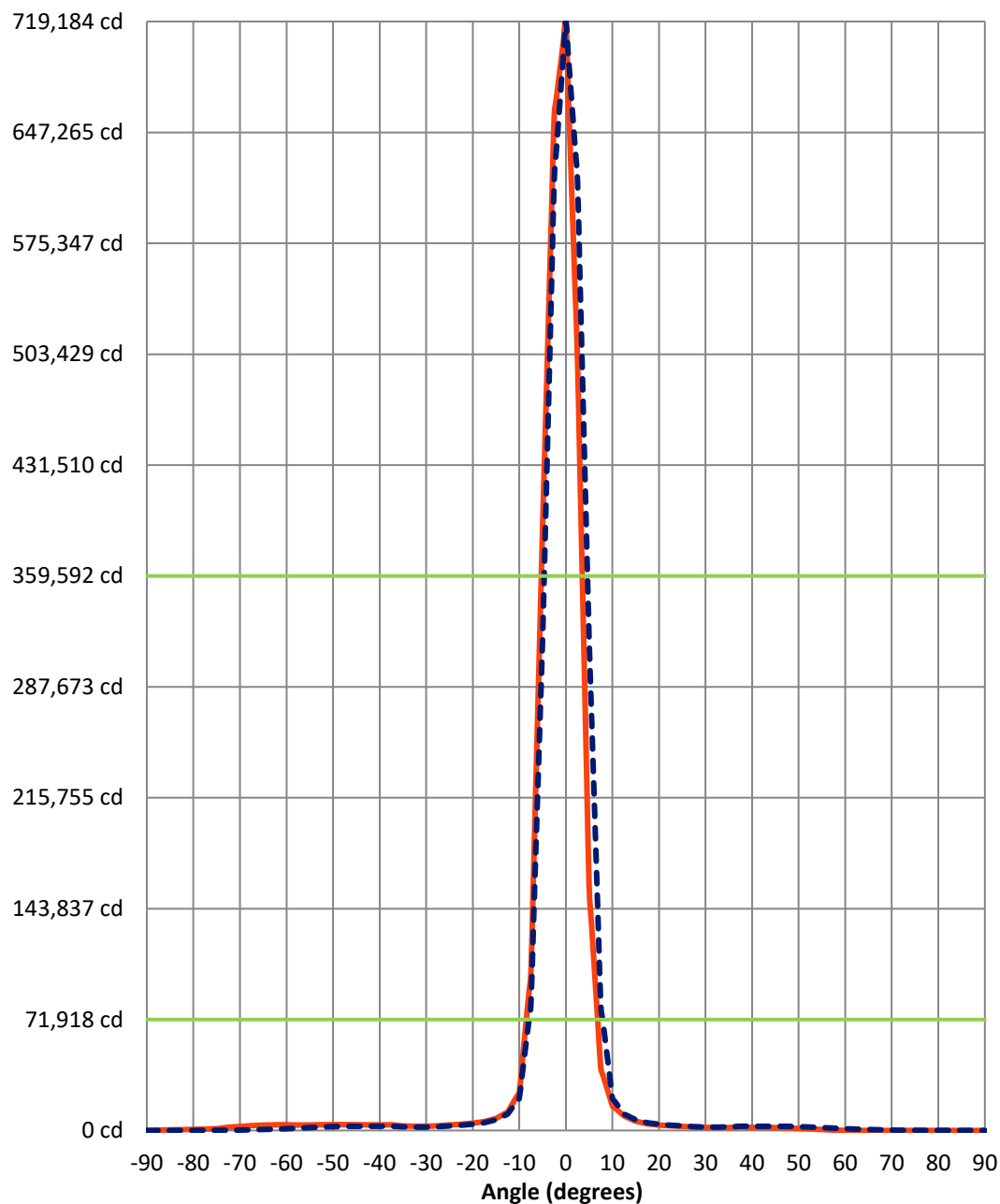
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 11085.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 17672.6

Efficiency: 57.8%

Spill:

Lumens: 12896.5

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	0.0	7.1	7.1	14.1	14.1	14.1	21.2	28.2	35.3	35.3	42.3
82.5°	0.0	7.1	7.1	14.1	14.1	21.2	21.2	35.3	42.3	49.4	63.5
80°	7.1	7.1	7.1	14.1	14.1	21.2	21.2	28.2	35.3	49.4	56.5
77.5°	0.0	7.1	7.1	7.1	14.1	14.1	14.1	21.2	28.2	35.3	42.3
75°	0.0	7.1	7.1	7.1	14.1	14.1	14.1	14.1	21.2	21.2	28.2
72.5°	0.0	0.0	0.0	7.1	7.1	14.1	14.1	14.1	21.2	21.2	21.2
70°	0.0	0.0	0.0	7.1	7.1	14.1	14.1	14.1	21.2	21.2	21.2
67.5°	0.0	0.0	0.0	7.1	7.1	14.1	14.1	14.1	21.2	21.2	21.2
65°	0.0	0.0	0.0	7.1	7.1	14.1	14.1	21.2	21.2	21.2	21.2
62.5°	7.1	7.1	7.1	14.1	21.2	21.2	28.2	35.3	35.3	35.3	35.3
60°	70.6	77.6	84.7	84.7	77.6	77.6	84.7	84.7	84.7	84.7	84.7
57.5°	190.5	204.6	211.7	211.7	211.7	204.6	232.9	239.9	211.7	197.6	218.8
55°	663.3	684.5	670.4	649.2	606.9	557.5	543.4	536.3	543.4	508.1	451.6
52.5°	966.8	987.9	980.9	966.8	938.6	903.3	875.0	846.8	818.6	762.1	698.6
50°	1256.1	1263.2	1256.1	1242.0	1213.8	1178.5	1122.0	1058.5	1002.1	987.9	931.5
47.5°	1580.7	1601.9	1601.9	1594.8	1573.7	1510.1	1425.5	1333.7	1291.4	1277.3	1220.8
45°	1870.0	1884.2	1891.2	1898.3	1891.2	1827.7	1750.1	1700.7	1608.9	1580.7	1580.7
42.5°	1947.7	1954.7	1961.8	1968.8	1990.0	1940.6	1877.1	1792.4	1771.2	1764.2	1750.1
40°	1975.9	1961.8	1968.8	1975.9	1983.0	1947.7	1898.3	1848.9	1834.8	1820.6	1820.6
37.5°	2244.1	2180.5	2131.1	2088.8	2053.5	2018.2	1968.8	1926.5	1891.2	1863.0	1891.2
35°	1912.4	1912.4	1961.8	2004.1	2046.5	2088.8	2095.9	2046.5	1968.8	1933.6	1983.0
32.5°	1954.7	1954.7	1954.7	1968.8	1983.0	2018.2	2053.5	2074.7	2131.1	2067.6	2067.6
30°	1997.1	2004.1	2018.2	2025.3	2004.1	1990.0	1975.9	1975.9	2011.2	2102.9	2152.3
27.5°	2244.1	2244.1	2222.9	2194.7	2131.1	2032.3	1983.0	1912.4	1919.4	1961.8	2081.7
25°	2646.3	2632.2	2582.8	2512.2	2399.3	2258.2	2124.1	1975.9	1912.4	1891.2	1940.6
22.5°	3027.4	3006.2	2942.7	2879.2	2787.4	2646.3	2420.5	2194.7	1997.1	1912.4	1891.2
20°	3514.3	3464.9	3394.3	3295.5	3147.3	3006.2	2808.6	2512.2	2222.9	2004.1	1919.4
17.5°	4297.6	4234.1	4100.0	3923.6	3669.5	3450.8	3168.5	2886.2	2561.6	2208.8	2018.2
15°	6012.4	5850.1	5617.2	5130.3	4629.2	4212.9	3789.5	3316.7	2985.0	2519.3	2229.9
12.5°	9456.1	9011.5	8334.0	7197.9	6075.9	5109.1	4424.6	3817.7	3281.4	2850.9	2441.6
10°	16004.8	15052.1	13182.0	10077.1	8009.4	6231.1	5003.3	4191.7	3514.3	3069.7	2618.1
7.5°	40477.6	33018.6	23365.0	15955.4	10479.3	7614.3	5723.0	4544.6	3761.3	3210.8	2759.2
5°	157761.2	129957.5	69325.7	28932.8	15764.8	9209.1	6372.3	4826.8	3923.6	3316.7	2865.0
2.5°	500684.9	432375.4	226847.0	62283.1	19356.7	10373.5	6816.8	5003.3	4015.3	3394.3	2942.7
0°	719183.7	616366.6	318366.2	81915.0	20993.9	10669.8	6958.0	5038.5	4029.4	3408.4	2942.7
-2.5°	657931.0	575818.4	307541.1	76227.2	21452.6	10754.5	7070.9	5158.5	4135.3	3471.9	2963.8
-5°	390938.0	342909.7	214532.9	54351.2	19060.3	9985.3	6774.5	5052.6	4064.7	3436.6	2949.7
-7.5°	103000.6	89169.4	58655.9	28361.2	12335.2	8447.0	6224.1	4876.2	3973.0	3373.1	2893.3
-10°	24832.8	23534.3	21022.1	12885.7	9604.3	7056.8	5518.4	4558.7	3789.5	3288.5	2801.5
-12.5°	11975.3	11693.1	10613.4	8750.4	7127.3	5864.2	4996.2	4227.0	3620.1	3140.3	2674.5
-15°	7790.7	7628.4	7261.4	6548.7	5723.0	5116.2	4509.3	3888.3	3408.4	2921.5	2568.7
-17.5°	5765.4	5758.3	5574.8	5306.7	4897.4	4445.8	4001.2	3606.0	3140.3	2723.9	2455.8
-20°	4777.4	4777.4	4671.6	4495.2	4205.8	3909.5	3613.1	3246.1	2865.0	2554.6	2441.6

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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°	4057.6	4064.7	4008.2	3895.3	3740.1	3493.1	3203.8	2907.4	2632.2	2519.3	2484.0
-25°	3591.9	3577.8	3514.3	3408.4	3246.1	3048.5	2858.0	2660.4	2582.8	2554.6	2603.9
-27.5°	3041.5	3062.6	3034.4	2985.0	2879.2	2738.0	2695.7	2639.2	2653.3	2695.7	2886.2
-30°	2716.9	2738.0	2766.3	2787.4	2752.1	2716.9	2731.0	2773.3	2865.0	3027.4	3097.9
-32.5°	2716.9	2723.9	2766.3	2808.6	2829.8	2858.0	2935.6	3076.8	3210.8	3168.5	3154.4
-35°	2963.8	2942.7	2999.1	3055.6	3133.2	3232.0	3316.7	3288.5	3239.1	3224.9	3239.1
-37.5°	3669.5	3535.4	3479.0	3443.7	3422.5	3408.4	3387.2	3366.1	3344.9	3330.8	3352.0
-40°	3662.5	3627.2	3591.9	3563.7	3542.5	3514.3	3500.2	3493.1	3471.9	3457.8	3443.7
-42.5°	3648.4	3662.5	3662.5	3655.4	3662.5	3655.4	3634.2	3606.0	3570.7	3542.5	3514.3
-45°	3754.2	3761.3	3775.4	3789.5	3810.7	3782.4	3740.1	3690.7	3641.3	3599.0	3563.7
-47.5°	3817.7	3824.8	3838.9	3860.1	3874.2	3845.9	3789.5	3726.0	3648.4	3577.8	3507.2
-50°	3838.9	3860.1	3867.1	3867.1	3860.1	3824.8	3740.1	3648.4	3563.7	3493.1	3429.6
-52.5°	3740.1	3761.3	3768.3	3754.2	3747.1	3711.9	3634.2	3549.6	3457.8	3408.4	3352.0
-55°	3577.8	3606.0	3627.2	3627.2	3627.2	3620.1	3549.6	3471.9	3401.4	3344.9	3288.5
-57.5°	3514.3	3563.7	3606.0	3613.1	3620.1	3627.2	3577.8	3500.2	3415.5	3330.8	3260.2
-60°	3747.1	3789.5	3810.7	3782.4	3761.3	3740.1	3662.5	3570.7	3486.0	3401.4	3267.3
-62.5°	3683.6	3754.2	3789.5	3768.3	3740.1	3704.8	3620.1	3514.3	3415.5	3323.7	3189.7
-65°	3479.0	3542.5	3584.8	3549.6	3507.2	3457.8	3380.2	3281.4	3189.7	3097.9	2978.0
-67.5°	3133.2	3224.9	3295.5	3217.9	3161.4	3097.9	3034.4	2949.7	2858.0	2752.1	2639.2
-70°	2589.8	2660.4	2723.9	2702.7	2688.6	2674.5	2632.2	2547.5	2469.9	2385.2	2286.4
-72.5°	2081.7	2145.3	2201.7	2166.4	2138.2	2095.9	2032.3	1940.6	1848.9	1757.1	1665.4
-75°	1150.3	1171.4	1192.6	1185.5	1185.5	1185.5	1185.5	1192.6	1178.5	1157.3	1115.0
-77.5°	882.1	910.3	931.5	945.6	966.8	995.0	1016.2	980.9	945.6	910.3	868.0
-80°	691.6	719.8	741.0	818.6	875.0	938.6	980.9	931.5	882.1	839.8	804.5
-82.5°	522.2	543.4	564.5	606.9	635.1	670.4	698.6	698.6	691.6	684.5	663.3
-85°	381.1	409.3	437.5	451.6	472.8	472.8	479.9	451.6	423.4	402.2	374.0
-87.5°	218.8	225.8	225.8	225.8	232.9	232.9	232.9	218.8	211.7	197.6	190.5
-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°	7.1	7.1	7.1	14.1	14.1	21.2	21.2	28.2	28.2	35.3	35.3
85°	42.3	42.3	42.3	49.4	49.4	56.5	63.5	70.6	77.6	77.6	84.7
82.5°	70.6	77.6	84.7	91.7	98.8	105.9	112.9	120.0	141.1	155.2	162.3
80°	70.6	77.6	98.8	112.9	127.0	141.1	141.1	141.1	141.1	148.2	162.3
77.5°	49.4	56.5	63.5	77.6	112.9	141.1	162.3	176.4	162.3	155.2	141.1
75°	28.2	35.3	42.3	49.4	70.6	98.8	134.1	169.4	197.6	190.5	176.4
72.5°	28.2	28.2	35.3	42.3	49.4	56.5	63.5	98.8	141.1	176.4	197.6
70°	28.2	35.3	35.3	42.3	49.4	56.5	63.5	77.6	98.8	141.1	183.5
67.5°	28.2	35.3	35.3	49.4	63.5	70.6	77.6	70.6	63.5	91.7	134.1
65°	28.2	28.2	35.3	42.3	49.4	56.5	77.6	77.6	70.6	70.6	70.6
62.5°	42.3	42.3	42.3	42.3	49.4	49.4	49.4	63.5	63.5	63.5	63.5
60°	84.7	77.6	77.6	77.6	77.6	63.5	63.5	63.5	56.5	63.5	56.5
57.5°	204.6	169.4	155.2	155.2	134.1	127.0	105.9	77.6	77.6	63.5	63.5
55°	416.3	395.2	331.7	275.2	247.0	218.8	169.4	141.1	105.9	84.7	77.6
52.5°	642.2	585.7	529.3	458.7	388.1	331.7	282.3	218.8	176.4	127.0	98.8
50°	839.8	790.4	726.8	649.2	557.5	486.9	416.3	331.7	261.1	197.6	141.1
47.5°	1143.2	1044.4	966.8	875.0	769.2	670.4	578.7	479.9	367.0	289.3	218.8
45°	1467.8	1326.7	1220.8	1136.1	995.0	860.9	755.1	649.2	515.1	381.1	296.4
42.5°	1693.6	1587.8	1446.6	1333.7	1206.7	1065.6	924.4	811.5	670.4	515.1	381.1
40°	1813.6	1743.0	1630.1	1531.3	1397.2	1242.0	1093.8	980.9	832.7	663.3	479.9
37.5°	1905.3	1870.0	1813.6	1736.0	1608.9	1425.5	1277.3	1143.2	1016.2	818.6	621.0
35°	2011.2	2004.1	1968.8	1933.6	1827.7	1651.3	1474.9	1319.6	1164.4	980.9	762.1
32.5°	2110.0	2102.9	2081.7	2067.6	2025.3	1870.0	1679.5	1503.1	1326.7	1136.1	896.2
30°	2159.4	2145.3	2145.3	2159.4	2117.0	2018.2	1877.1	1686.6	1489.0	1263.2	1037.3
27.5°	2159.4	2145.3	2152.3	2173.5	2166.4	2117.0	2011.2	1855.9	1637.2	1383.1	1164.4
25°	2067.6	2138.2	2138.2	2166.4	2173.5	2159.4	2102.9	2004.1	1778.3	1510.1	1263.2
22.5°	1940.6	2110.0	2173.5	2166.4	2173.5	2208.8	2215.8	2124.1	1912.4	1637.2	1362.0
20°	1940.6	2060.6	2244.1	2194.7	2208.8	2286.4	2321.7	2244.1	2053.5	1757.1	1460.8
17.5°	1983.0	2060.6	2215.8	2293.5	2314.6	2378.1	2434.6	2385.2	2180.5	1884.2	1594.8
15°	2102.9	2088.8	2194.7	2385.2	2420.5	2469.9	2533.4	2476.9	2293.5	2025.3	1721.9
12.5°	2187.6	2110.0	2194.7	2399.3	2512.2	2561.6	2582.8	2540.4	2392.2	2152.3	1848.9
10°	2300.5	2166.4	2208.8	2385.2	2547.5	2582.8	2603.9	2589.8	2484.0	2258.2	1961.8
7.5°	2385.2	2194.7	2194.7	2364.0	2582.8	2611.0	2625.1	2639.2	2561.6	2349.9	2060.6
5°	2420.5	2194.7	2180.5	2342.8	2618.1	2646.3	2646.3	2667.5	2618.1	2420.5	2131.1
2.5°	2427.5	2187.6	2166.4	2328.7	2681.6	2681.6	2667.5	2688.6	2660.4	2462.8	2180.5
0°	2462.8	2180.5	2159.4	2349.9	2752.1	2723.9	2688.6	2695.7	2681.6	2484.0	2208.8
-2.5°	2462.8	2215.8	2187.6	2364.0	2745.1	2738.0	2723.9	2731.0	2716.9	2547.5	2265.2
-5°	2498.1	2265.2	2237.0	2427.5	2738.0	2759.2	2766.3	2766.3	2745.1	2589.8	2300.5
-7.5°	2505.2	2300.5	2293.5	2491.0	2752.1	2787.4	2808.6	2822.7	2780.4	2618.1	2328.7
-10°	2469.9	2314.6	2349.9	2568.7	2766.3	2815.7	2858.0	2879.2	2808.6	2632.2	2342.8
-12.5°	2392.2	2314.6	2406.4	2667.5	2801.5	2858.0	2921.5	2928.6	2836.8	2639.2	2349.9
-15°	2385.2	2371.1	2505.2	2766.3	2822.7	2893.3	2992.1	2970.9	2858.0	2639.2	2349.9
-17.5°	2378.1	2448.7	2653.3	2801.5	2858.0	2935.6	3013.2	2992.1	2872.1	2639.2	2335.8
-20°	2441.6	2575.7	2829.8	2836.8	2900.3	2985.0	3027.4	2985.0	2850.9	2618.1	2314.6

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CATALOG NUMBER: IFLD-L-SA7E-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2547.5	2801.5	2886.2	2914.4	2970.9	3034.4	3055.6	2992.1	2829.8	2582.8	2279.3
-25°	2815.7	2942.7	2942.7	3006.2	3062.6	3090.9	3069.7	2999.1	2801.5	2547.5	2244.1
-27.5°	3020.3	3013.2	3048.5	3112.0	3161.4	3161.4	3105.0	2963.8	2759.2	2512.2	2194.7
-30°	3097.9	3105.0	3154.4	3224.9	3239.1	3203.8	3119.1	2935.6	2723.9	2455.8	2131.1
-32.5°	3175.5	3203.8	3267.3	3302.6	3309.6	3239.1	3083.8	2886.2	2667.5	2392.2	2060.6
-35°	3267.3	3323.7	3359.0	3366.1	3330.8	3210.8	3034.4	2822.7	2582.8	2300.5	1997.1
-37.5°	3387.2	3415.5	3436.6	3408.4	3309.6	3168.5	2949.7	2738.0	2505.2	2201.7	1905.3
-40°	3464.9	3479.0	3486.0	3394.3	3274.3	3069.7	2858.0	2639.2	2371.1	2088.8	1806.5
-42.5°	3514.3	3500.2	3443.7	3344.9	3168.5	2970.9	2766.3	2519.3	2251.1	1975.9	1700.7
-45°	3500.2	3450.8	3366.1	3246.1	3062.6	2865.0	2625.1	2378.1	2124.1	1855.9	1580.7
-47.5°	3443.7	3366.1	3260.2	3119.1	2949.7	2709.8	2469.9	2229.9	1983.0	1721.9	1467.8
-50°	3373.1	3281.4	3154.4	2978.0	2752.1	2533.4	2314.6	2081.7	1827.7	1587.8	1362.0
-52.5°	3295.5	3196.7	3034.4	2836.8	2589.8	2364.0	2152.3	1926.5	1693.6	1467.8	1270.2
-55°	3210.8	3112.0	2928.6	2702.7	2455.8	2208.8	2004.1	1813.6	1587.8	1369.0	1192.6
-57.5°	3168.5	3041.5	2850.9	2625.1	2364.0	2110.0	1933.6	1728.9	1524.3	1298.4	1129.1
-60°	3133.2	3006.2	2829.8	2568.7	2321.7	2081.7	1877.1	1679.5	1460.8	1249.0	1079.7
-62.5°	3034.4	2900.3	2738.0	2484.0	2244.1	2025.3	1841.8	1608.9	1397.2	1199.7	1044.4
-65°	2836.8	2695.7	2554.6	2328.7	2110.0	1905.3	1721.9	1510.1	1312.6	1143.2	1009.1
-67.5°	2526.3	2406.4	2279.3	2088.8	1905.3	1721.9	1552.5	1369.0	1206.7	1086.7	1016.2
-70°	2180.5	2053.5	1926.5	1771.2	1616.0	1467.8	1333.7	1199.7	1093.8	1030.3	973.8
-72.5°	1587.8	1531.3	1467.8	1347.8	1220.8	1129.1	1065.6	1009.1	931.5	875.0	839.8
-75°	1058.5	980.9	882.1	839.8	846.8	832.7	797.4	755.1	719.8	698.6	649.2
-77.5°	825.6	783.3	733.9	684.5	663.3	642.2	613.9	578.7	550.4	501.0	430.5
-80°	762.1	726.8	691.6	656.3	621.0	571.6	515.1	458.7	430.5	409.3	402.2
-82.5°	628.1	585.7	543.4	508.1	458.7	423.4	388.1	359.9	359.9	352.8	345.8
-85°	359.9	345.8	324.6	310.5	296.4	275.2	254.0	239.9	232.9	225.8	218.8
-87.5°	183.5	176.4	162.3	155.2	148.2	141.1	127.0	120.0	112.9	112.9	105.9
-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-SA7E-750-U-11-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°	35.3	35.3	28.2	28.2	28.2	21.2	14.1	14.1	7.1	7.1	0.0
85°	84.7	70.6	63.5	56.5	56.5	42.3	28.2	21.2	14.1	7.1	7.1
82.5°	162.3	141.1	120.0	105.9	84.7	63.5	49.4	35.3	21.2	14.1	7.1
80°	183.5	183.5	176.4	148.2	120.0	91.7	63.5	42.3	28.2	21.2	14.1
77.5°	141.1	155.2	155.2	155.2	148.2	112.9	77.6	49.4	28.2	21.2	14.1
75°	162.3	141.1	134.1	141.1	134.1	112.9	91.7	56.5	35.3	28.2	14.1
72.5°	197.6	169.4	148.2	141.1	127.0	105.9	84.7	63.5	35.3	28.2	21.2
70°	183.5	176.4	162.3	148.2	127.0	105.9	84.7	63.5	42.3	28.2	21.2
67.5°	162.3	162.3	162.3	148.2	127.0	98.8	77.6	56.5	42.3	28.2	21.2
65°	112.9	134.1	148.2	141.1	127.0	98.8	77.6	56.5	42.3	35.3	21.2
62.5°	70.6	91.7	120.0	134.1	120.0	98.8	70.6	56.5	42.3	35.3	21.2
60°	63.5	70.6	84.7	105.9	112.9	91.7	70.6	49.4	42.3	35.3	21.2
57.5°	63.5	63.5	70.6	84.7	91.7	84.7	63.5	42.3	42.3	35.3	28.2
55°	70.6	63.5	63.5	70.6	77.6	77.6	63.5	42.3	42.3	35.3	28.2
52.5°	84.7	70.6	63.5	63.5	63.5	70.6	56.5	42.3	42.3	35.3	28.2
50°	105.9	84.7	77.6	63.5	63.5	63.5	56.5	42.3	35.3	35.3	28.2
47.5°	141.1	112.9	84.7	77.6	63.5	56.5	49.4	42.3	35.3	35.3	28.2
45°	211.7	134.1	112.9	84.7	70.6	63.5	56.5	42.3	35.3	35.3	28.2
42.5°	289.3	197.6	141.1	98.8	77.6	63.5	56.5	49.4	35.3	35.3	28.2
40°	367.0	268.2	176.4	127.0	91.7	70.6	56.5	49.4	42.3	35.3	28.2
37.5°	451.6	331.7	232.9	162.3	105.9	77.6	63.5	49.4	42.3	35.3	28.2
35°	557.5	416.3	289.3	197.6	127.0	91.7	70.6	49.4	42.3	35.3	28.2
32.5°	677.4	494.0	345.8	239.9	162.3	112.9	77.6	56.5	42.3	35.3	28.2
30°	790.4	585.7	409.3	289.3	197.6	127.0	84.7	56.5	42.3	35.3	21.2
27.5°	903.3	677.4	486.9	338.7	239.9	148.2	91.7	63.5	42.3	35.3	28.2
25°	1016.2	769.2	564.5	388.1	275.2	176.4	112.9	70.6	42.3	35.3	28.2
22.5°	1115.0	860.9	635.1	444.6	317.6	204.6	127.0	77.6	49.4	35.3	28.2
20°	1227.9	959.7	712.7	508.1	352.8	232.9	141.1	84.7	49.4	35.3	28.2
17.5°	1333.7	1058.5	790.4	564.5	395.2	261.1	162.3	91.7	56.5	35.3	28.2
15°	1439.6	1150.3	860.9	621.0	437.5	289.3	176.4	98.8	63.5	35.3	28.2
12.5°	1538.4	1234.9	924.4	670.4	472.8	317.6	190.5	105.9	70.6	35.3	28.2
10°	1630.1	1312.6	987.9	712.7	508.1	338.7	204.6	120.0	77.6	35.3	28.2
7.5°	1721.9	1376.1	1037.3	755.1	550.4	367.0	218.8	127.0	84.7	42.3	28.2
5°	1778.3	1432.5	1079.7	790.4	585.7	395.2	232.9	134.1	91.7	42.3	28.2
2.5°	1827.7	1474.9	1107.9	825.6	621.0	416.3	232.9	141.1	98.8	42.3	28.2
0°	1855.9	1503.1	1129.1	846.8	649.2	430.5	239.9	148.2	105.9	42.3	28.2
-2.5°	1919.4	1552.5	1178.5	875.0	677.4	472.8	254.0	155.2	112.9	49.4	28.2
-5°	1961.8	1580.7	1213.8	903.3	698.6	515.1	275.2	169.4	127.0	63.5	35.3
-7.5°	1997.1	1608.9	1242.0	917.4	719.8	529.3	282.3	176.4	134.1	70.6	35.3
-10°	2004.1	1623.1	1263.2	938.6	733.9	550.4	289.3	183.5	141.1	77.6	35.3
-12.5°	2011.2	1637.2	1270.2	952.7	748.0	564.5	296.4	190.5	148.2	84.7	35.3
-15°	2004.1	1630.1	1270.2	966.8	755.1	550.4	310.5	197.6	155.2	91.7	35.3
-17.5°	1990.0	1623.1	1263.2	959.7	748.0	536.3	317.6	211.7	155.2	98.8	42.3
-20°	1968.8	1601.9	1249.0	952.7	741.0	522.2	324.6	218.8	162.3	98.8	42.3

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CATALOG NUMBER: IFLD-L-SA7E-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1933.6	1566.6	1220.8	931.5	726.8	508.1	324.6	232.9	169.4	98.8	42.3
-25°	1891.2	1531.3	1192.6	903.3	705.7	486.9	324.6	239.9	176.4	98.8	42.3
-27.5°	1841.8	1496.0	1150.3	882.1	677.4	472.8	324.6	247.0	183.5	98.8	42.3
-30°	1785.4	1446.6	1115.0	846.8	656.3	472.8	331.7	254.0	190.5	98.8	42.3
-32.5°	1728.9	1397.2	1072.6	818.6	628.1	465.7	331.7	261.1	197.6	91.7	49.4
-35°	1665.4	1340.8	1037.3	797.4	606.9	451.6	338.7	261.1	190.5	91.7	49.4
-37.5°	1587.8	1270.2	1002.1	776.2	592.8	437.5	338.7	268.2	183.5	91.7	49.4
-40°	1503.1	1213.8	959.7	748.0	571.6	430.5	338.7	268.2	176.4	91.7	56.5
-42.5°	1411.4	1150.3	917.4	719.8	550.4	423.4	338.7	268.2	169.4	91.7	56.5
-45°	1326.7	1086.7	868.0	684.5	529.3	423.4	338.7	261.1	155.2	98.8	56.5
-47.5°	1234.9	1016.2	811.5	649.2	522.2	416.3	331.7	247.0	141.1	98.8	56.5
-50°	1157.3	945.6	769.2	613.9	508.1	423.4	338.7	225.8	141.1	98.8	56.5
-52.5°	1079.7	896.2	719.8	599.8	494.0	430.5	331.7	211.7	141.1	98.8	56.5
-55°	1016.2	846.8	691.6	578.7	508.1	444.6	317.6	190.5	141.1	98.8	56.5
-57.5°	966.8	818.6	670.4	585.7	529.3	430.5	296.4	183.5	141.1	91.7	56.5
-60°	931.5	790.4	677.4	613.9	536.3	409.3	282.3	183.5	141.1	91.7	49.4
-62.5°	903.3	797.4	712.7	635.1	508.1	381.1	268.2	183.5	127.0	84.7	49.4
-65°	910.3	825.6	726.8	606.9	486.9	352.8	247.0	176.4	120.0	77.6	49.4
-67.5°	931.5	804.5	684.5	571.6	437.5	317.6	225.8	162.3	112.9	77.6	49.4
-70°	860.9	741.0	621.0	486.9	374.0	275.2	211.7	148.2	98.8	70.6	49.4
-72.5°	776.2	621.0	494.0	395.2	317.6	254.0	190.5	134.1	91.7	63.5	42.3
-75°	564.5	451.6	367.0	331.7	282.3	225.8	169.4	120.0	84.7	63.5	42.3
-77.5°	402.2	374.0	338.7	303.4	254.0	197.6	148.2	112.9	77.6	56.5	35.3
-80°	395.2	359.9	317.6	261.1	211.7	169.4	127.0	98.8	70.6	49.4	28.2
-82.5°	331.7	282.3	239.9	197.6	162.3	134.1	105.9	77.6	56.5	35.3	21.2
-85°	204.6	176.4	155.2	134.1	112.9	91.7	70.6	49.4	35.3	21.2	14.1
-87.5°	98.8	91.7	77.6	63.5	56.5	42.3	35.3	28.2	21.2	14.1	7.1
-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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CATALOG NUMBER: IFLD-L-SA7E-750-U-11-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°	7.1	0.0	0.0	0.0
80°	7.1	0.0	0.0	0.0
77.5°	7.1	0.0	0.0	0.0
75°	7.1	7.1	0.0	0.0
72.5°	7.1	7.1	0.0	0.0
70°	14.1	7.1	7.1	0.0
67.5°	14.1	7.1	7.1	0.0
65°	14.1	7.1	7.1	0.0
62.5°	14.1	7.1	7.1	0.0
60°	14.1	7.1	7.1	0.0
57.5°	14.1	7.1	7.1	0.0
55°	14.1	7.1	7.1	0.0
52.5°	14.1	7.1	7.1	0.0
50°	14.1	7.1	7.1	0.0
47.5°	14.1	14.1	7.1	0.0
45°	14.1	14.1	7.1	0.0
42.5°	14.1	14.1	7.1	0.0
40°	14.1	14.1	7.1	0.0
37.5°	14.1	14.1	7.1	0.0
35°	14.1	14.1	7.1	0.0
32.5°	21.2	14.1	7.1	0.0
30°	21.2	14.1	14.1	0.0
27.5°	21.2	14.1	14.1	0.0
25°	21.2	14.1	14.1	0.0
22.5°	21.2	14.1	14.1	0.0
20°	21.2	14.1	14.1	0.0
17.5°	21.2	14.1	14.1	0.0
15°	21.2	14.1	14.1	0.0
12.5°	21.2	14.1	14.1	0.0
10°	21.2	14.1	14.1	0.0
7.5°	21.2	14.1	14.1	0.0
5°	21.2	14.1	14.1	0.0
2.5°	21.2	14.1	14.1	0.0
0°	21.2	14.1	14.1	0.0
-2.5°	21.2	14.1	14.1	0.0
-5°	21.2	14.1	14.1	0.0
-7.5°	21.2	14.1	14.1	0.0
-10°	21.2	14.1	14.1	0.0
-12.5°	28.2	14.1	14.1	0.0
-15°	28.2	14.1	14.1	0.0
-17.5°	28.2	14.1	14.1	0.0
-20°	28.2	14.1	14.1	0.0



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CATALOG NUMBER: IFLD-L-SA7E-750-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	28.2	14.1	14.1	0.0
-25°	28.2	14.1	14.1	0.0
-27.5°	28.2	14.1	14.1	0.0
-30°	28.2	14.1	14.1	0.0
-32.5°	28.2	14.1	14.1	0.0
-35°	28.2	14.1	14.1	0.0
-37.5°	28.2	14.1	14.1	0.0
-40°	28.2	14.1	14.1	0.0
-42.5°	21.2	14.1	7.1	0.0
-45°	28.2	14.1	7.1	0.0
-47.5°	28.2	14.1	7.1	0.0
-50°	28.2	14.1	7.1	0.0
-52.5°	28.2	14.1	7.1	0.0
-55°	28.2	14.1	7.1	0.0
-57.5°	28.2	14.1	7.1	0.0
-60°	28.2	14.1	7.1	0.0
-62.5°	28.2	14.1	7.1	0.0
-65°	28.2	14.1	7.1	0.0
-67.5°	28.2	14.1	7.1	0.0
-70°	28.2	7.1	7.1	0.0
-72.5°	21.2	7.1	7.1	0.0
-75°	21.2	7.1	7.1	0.0
-77.5°	14.1	7.1	0.0	0.0
-80°	14.1	7.1	0.0	0.0
-82.5°	14.1	7.1	0.0	0.0
-85°	7.1	0.0	0.0	0.0
-87.5°	7.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)