

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: P723801

Luminaire Tested: **IFLD-L-SA7D-760-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723801
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-760-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	26414.5 lumens	Max Intensity:	621438.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.5 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:	9579 lumens	Field Lumens:	15270.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

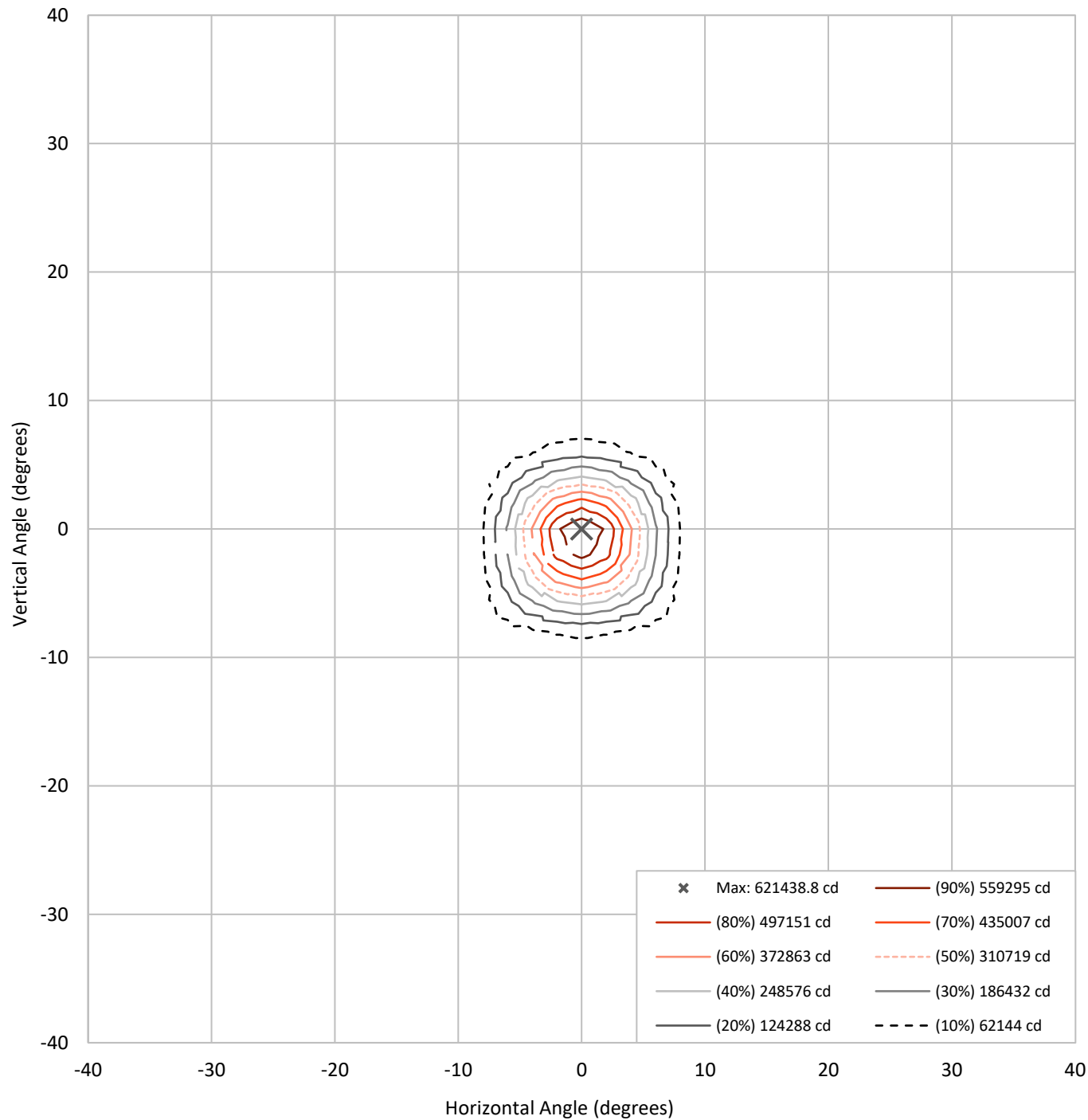
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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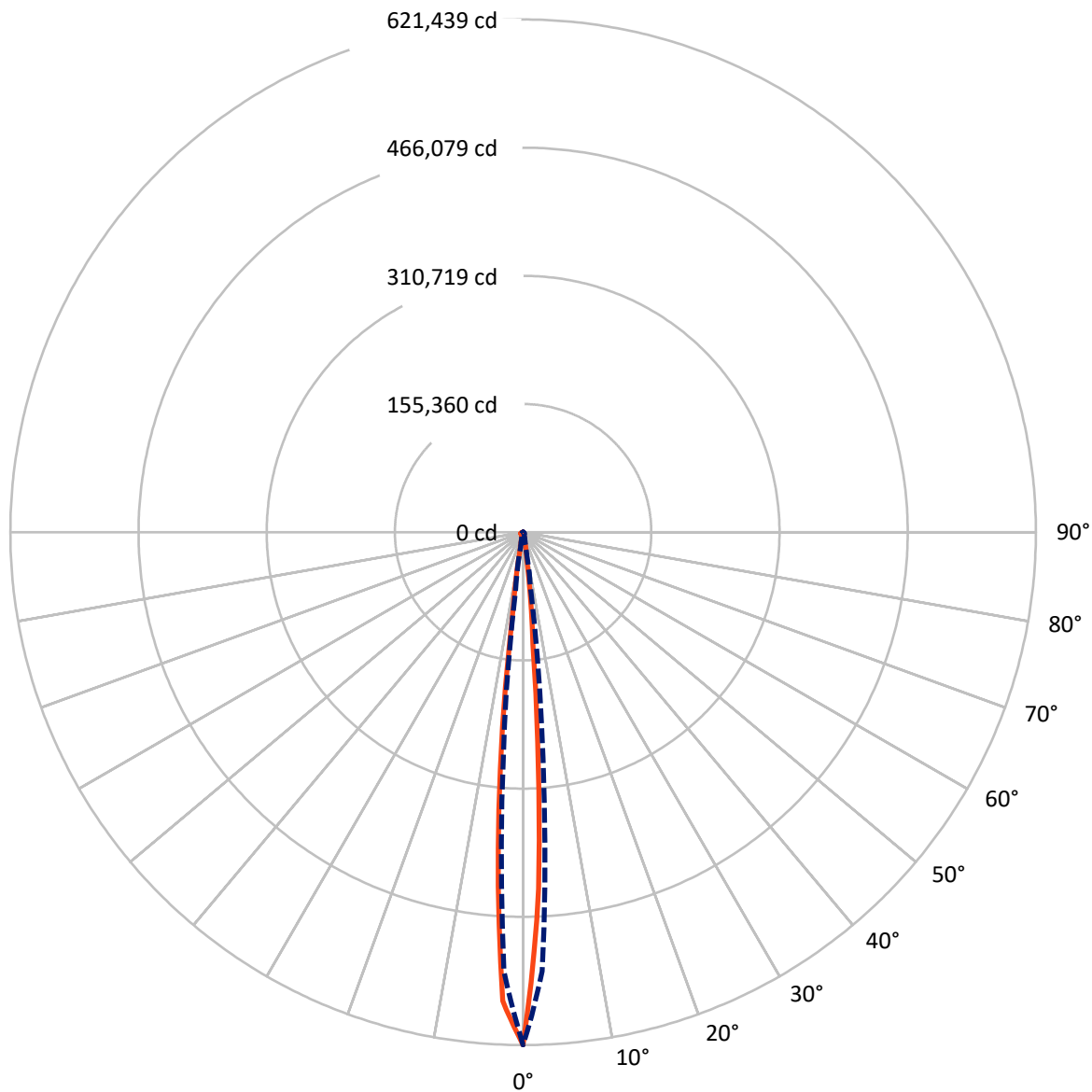
Lumen Table

90																			
80	0.4	5.9		6.4		2.5		0.7		2.5		6.4		5.9		0.4			
70																			
60	0.7	1.3	1.7	1.3	1.1	0.8	0.7	0.4	0.4	0.7	0.8	1.1	1.3	1.7	1.3	0.7			
50		0.8	1.2	3.1	6.8	11.1	14.3	16.4	16.4	14.3	11.1	6.8	3.1	1.2	0.8				
40	0.7	0.9	3.6	12.0	23.7	34.6	41.7	46.2	46.2	41.7	34.6	23.7	12.0	3.6	0.9	0.7			
30		1.8	9.2	24.7	40.2	47.2	51.0	52.7	52.7	51.0	47.2	40.2	24.7	9.2	1.8				
20	1.0	3.4	15.6	36.0	46.5	47.9	56.5	68.1	68.1	56.5	47.9	46.5	36.0	15.6	3.4	1.0			
10		5.4	22.0	44.2	49.6	56.0	98.4	167.6	167.6	98.4	56.0	49.6	44.2	22.0	5.4				
0	1.8	7.0	26.9	48.5	51.5	69.1	187.1	3467.6	3467.6	187.1	69.1	51.5	48.5	26.9	7.0	1.8			
-10		8.2	29.5	51.0	53.4	71.4	201.6	5056.0	5056.0	201.6	71.4	53.4	51.0	29.5	8.2				
-20	2.5	8.7	30.2	53.7	57.8	64.4	117.2	224.9	224.9	117.2	64.4	57.8	53.7	30.2	8.7	2.5			
-30		8.2	28.7	54.4	64.8	64.9	75.9	92.6	92.6	75.9	64.9	64.8	54.4	28.7	8.2				
-40	2.8	7.3	25.4	52.0	71.3	77.7	80.9	81.6	81.6	80.9	77.7	71.3	52.0	25.4	7.3	2.8			
-50		6.4	20.5	44.1	68.8	83.6	93.7	98.3	98.3	93.7	83.6	68.8	44.1	20.5	6.4				
-60	2.2	5.8	15.8	34.2	58.6	78.8	91.5	96.8	96.8	91.5	78.8	58.6	34.2	15.8	5.8	2.2			
-70		5.4	13.9	27.9	48.9	68.9	83.3	90.0	90.0	83.3	68.9	48.9	27.9	13.9	5.4				
-80	1.0	16.3		48.7		90.1		99.5		90.1		48.7		16.3		1.0			
-90																			
Horizontal Angle (degrees)																			

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Luminous Intensity Polar Plot



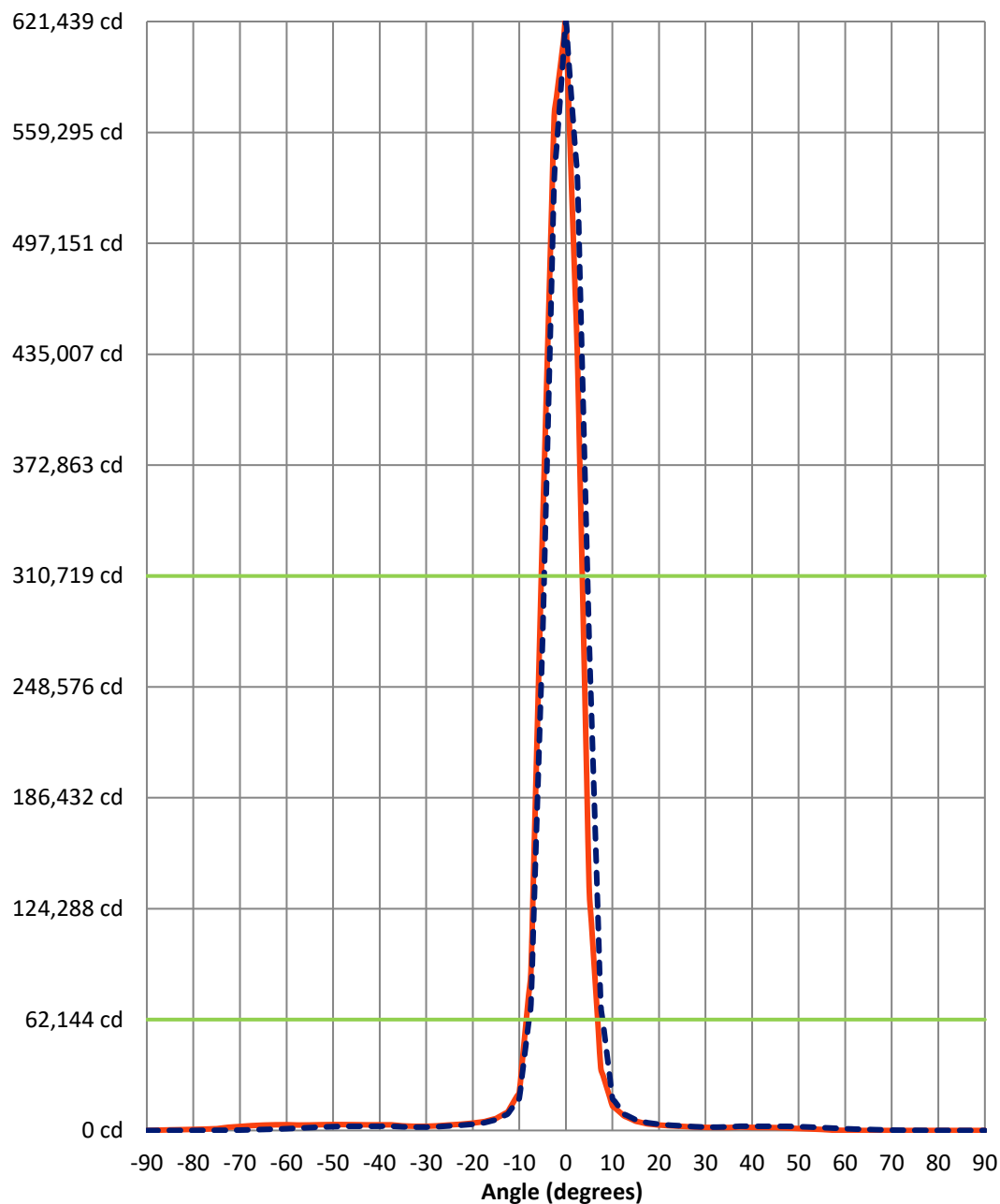
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9579

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 15270.7

Efficiency: 57.8%

Spill:

Lumens: 11143.7

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	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	0.0	6.1	6.1	12.2	12.2	12.2	18.3	24.4	30.5	30.5	36.6
82.5°	0.0	6.1	6.1	12.2	12.2	18.3	18.3	30.5	36.6	42.7	54.9
80°	6.1	6.1	6.1	12.2	12.2	18.3	18.3	24.4	30.5	42.7	48.8
77.5°	0.0	6.1	6.1	6.1	12.2	12.2	12.2	18.3	24.4	30.5	36.6
75°	0.0	6.1	6.1	6.1	12.2	12.2	12.2	12.2	18.3	18.3	24.4
72.5°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2	18.3	18.3	18.3
70°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2	18.3	18.3	18.3
67.5°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	12.2	18.3	18.3	18.3
65°	0.0	0.0	0.0	6.1	6.1	12.2	12.2	18.3	18.3	18.3	18.3
62.5°	6.1	6.1	6.1	12.2	18.3	18.3	24.4	30.5	30.5	30.5	30.5
60°	61.0	67.1	73.2	73.2	67.1	67.1	73.2	73.2	73.2	73.2	73.2
57.5°	164.6	176.8	182.9	182.9	182.9	176.8	201.2	207.3	182.9	170.7	189.0
55°	573.2	591.5	579.3	561.0	524.4	481.7	469.5	463.4	469.5	439.0	390.3
52.5°	835.4	853.7	847.6	835.4	811.0	780.5	756.1	731.7	707.3	658.5	603.7
50°	1085.4	1091.5	1085.4	1073.2	1048.8	1018.3	969.5	914.7	865.9	853.7	804.9
47.5°	1365.9	1384.2	1384.2	1378.1	1359.8	1304.9	1231.7	1152.5	1115.9	1103.7	1054.9
45°	1615.9	1628.1	1634.2	1640.3	1634.2	1579.3	1512.2	1469.5	1390.3	1365.9	1365.9
42.5°	1683.0	1689.1	1695.2	1701.3	1719.5	1676.9	1622.0	1548.8	1530.5	1524.4	1512.2
40°	1707.3	1695.2	1701.3	1707.3	1713.4	1683.0	1640.3	1597.6	1585.4	1573.2	1573.2
37.5°	1939.1	1884.2	1841.5	1804.9	1774.4	1743.9	1701.3	1664.7	1634.2	1609.8	1634.2
35°	1652.5	1652.5	1695.2	1731.7	1768.3	1804.9	1811.0	1768.3	1701.3	1670.8	1713.4
32.5°	1689.1	1689.1	1689.1	1701.3	1713.4	1743.9	1774.4	1792.7	1841.5	1786.6	1786.6
30°	1725.6	1731.7	1743.9	1750.0	1731.7	1719.5	1707.3	1707.3	1737.8	1817.1	1859.8
27.5°	1939.1	1939.1	1920.8	1896.4	1841.5	1756.1	1713.4	1652.5	1658.6	1695.2	1798.8
25°	2286.6	2274.4	2231.8	2170.8	2073.2	1951.3	1835.4	1707.3	1652.5	1634.2	1676.9
22.5°	2615.9	2597.6	2542.7	2487.9	2408.6	2286.6	2091.5	1896.4	1725.6	1652.5	1634.2
20°	3036.6	2994.0	2933.0	2847.6	2719.6	2597.6	2426.9	2170.8	1920.8	1731.7	1658.6
17.5°	3713.5	3658.6	3542.8	3390.3	3170.8	2981.8	2737.9	2494.0	2213.5	1908.6	1743.9
15°	5195.2	5055.0	4853.8	4433.0	4000.1	3640.3	3274.5	2865.9	2579.3	2176.9	1926.9
12.5°	8170.9	7786.7	7201.4	6219.6	5250.1	4414.7	3823.2	3298.8	2835.4	2463.5	2109.8
10°	13829.5	13006.3	11390.5	8707.5	6920.9	5384.3	4323.3	3622.0	3036.6	2652.5	2262.2
7.5°	34976.3	28531.0	20189.4	13786.9	9055.1	6579.4	4945.2	3926.9	3250.1	2774.4	2384.2
5°	136319.7	112294.8	59903.6	25000.5	13622.2	7957.5	5506.2	4170.8	3390.3	2865.9	2475.7
2.5°	432636.4	373610.9	196016.0	53818.1	16725.9	8963.6	5890.4	4323.3	3469.6	2933.0	2542.7
0°	621438.8	532595.6	275096.8	70781.9	18140.6	9219.7	6012.3	4353.7	3481.8	2945.2	2542.7
-2.5°	568511.0	497558.4	265742.9	65867.1	18536.9	9292.9	6109.9	4457.4	3573.2	3000.1	2561.0
-5°	337805.3	296304.5	185375.5	46964.3	16469.8	8628.2	5853.8	4365.9	3512.3	2969.6	2548.8
-7.5°	89001.7	77050.3	50683.9	24506.6	10658.7	7298.9	5378.2	4213.5	3433.0	2914.7	2500.0
-10°	21457.7	20335.8	18165.0	11134.4	8298.9	6097.7	4768.4	3939.1	3274.5	2841.5	2420.8
-12.5°	10347.8	10103.9	9170.9	7561.1	6158.7	5067.2	4317.2	3652.5	3128.1	2713.5	2311.0
-15°	6731.8	6591.6	6274.5	5658.6	4945.2	4420.8	3896.4	3359.8	2945.2	2524.4	2219.6
-17.5°	4981.8	4975.7	4817.2	4585.5	4231.8	3841.5	3457.4	3115.9	2713.5	2353.7	2122.0
-20°	4128.1	4128.1	4036.7	3884.2	3634.2	3378.1	3122.0	2804.9	2475.7	2207.4	2109.8

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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°	3506.2	3512.3	3463.5	3365.9	3231.8	3018.4	2768.3	2512.2	2274.4	2176.9	2146.4
-25°	3103.7	3091.5	3036.6	2945.2	2804.9	2634.2	2469.6	2298.8	2231.8	2207.4	2250.0
-27.5°	2628.1	2646.4	2622.0	2579.3	2487.9	2365.9	2329.3	2280.5	2292.7	2329.3	2494.0
-30°	2347.6	2365.9	2390.3	2408.6	2378.1	2347.6	2359.8	2396.4	2475.7	2615.9	2676.9
-32.5°	2347.6	2353.7	2390.3	2426.9	2445.2	2469.6	2536.6	2658.6	2774.4	2737.9	2725.7
-35°	2561.0	2542.7	2591.5	2640.3	2707.4	2792.7	2865.9	2841.5	2798.8	2786.6	2798.8
-37.5°	3170.8	3054.9	3006.2	2975.7	2957.4	2945.2	2926.9	2908.6	2890.3	2878.1	2896.4
-40°	3164.7	3134.2	3103.7	3079.3	3061.0	3036.6	3024.4	3018.4	3000.1	2987.9	2975.7
-42.5°	3152.5	3164.7	3164.7	3158.6	3164.7	3158.6	3140.3	3115.9	3085.4	3061.0	3036.6
-45°	3244.0	3250.1	3262.3	3274.5	3292.7	3268.4	3231.8	3189.1	3146.4	3109.8	3079.3
-47.5°	3298.8	3304.9	3317.1	3335.4	3347.6	3323.2	3274.5	3219.6	3152.5	3091.5	3030.5
-50°	3317.1	3335.4	3341.5	3341.5	3335.4	3304.9	3231.8	3152.5	3079.3	3018.4	2963.5
-52.5°	3231.8	3250.1	3256.2	3244.0	3237.9	3207.4	3140.3	3067.1	2987.9	2945.2	2896.4
-55°	3091.5	3115.9	3134.2	3134.2	3134.2	3128.1	3067.1	3000.1	2939.1	2890.3	2841.5
-57.5°	3036.6	3079.3	3115.9	3122.0	3128.1	3134.2	3091.5	3024.4	2951.3	2878.1	2817.1
-60°	3237.9	3274.5	3292.7	3268.4	3250.1	3231.8	3164.7	3085.4	3012.3	2939.1	2823.2
-62.5°	3183.0	3244.0	3274.5	3256.2	3231.8	3201.3	3128.1	3036.6	2951.3	2872.0	2756.2
-65°	3006.2	3061.0	3097.6	3067.1	3030.5	2987.9	2920.8	2835.4	2756.2	2676.9	2573.2
-67.5°	2707.4	2786.6	2847.6	2780.5	2731.8	2676.9	2622.0	2548.8	2469.6	2378.1	2280.5
-70°	2237.8	2298.8	2353.7	2335.4	2323.2	2311.0	2274.4	2201.3	2134.2	2061.0	1975.6
-72.5°	1798.8	1853.7	1902.5	1872.0	1847.6	1811.0	1756.1	1676.9	1597.6	1518.3	1439.1
-75°	993.9	1012.2	1030.5	1024.4	1024.4	1024.4	1024.4	1030.5	1018.3	1000.0	963.4
-77.5°	762.2	786.6	804.9	817.1	835.4	859.8	878.1	847.6	817.1	786.6	750.0
-80°	597.6	622.0	640.3	707.3	756.1	811.0	847.6	804.9	762.2	725.6	695.1
-82.5°	451.2	469.5	487.8	524.4	548.8	579.3	603.7	603.7	597.6	591.5	573.2
-85°	329.3	353.7	378.1	390.3	408.5	408.5	414.6	390.3	365.9	347.6	323.2
-87.5°	189.0	195.1	195.1	195.1	201.2	201.2	201.2	189.0	182.9	170.7	164.6
-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°	6.1	6.1	6.1	12.2	12.2	18.3	18.3	24.4	24.4	30.5	30.5
85°	36.6	36.6	36.6	42.7	42.7	48.8	54.9	61.0	67.1	67.1	73.2
82.5°	61.0	67.1	73.2	79.3	85.4	91.5	97.6	103.7	122.0	134.1	140.2
80°	61.0	67.1	85.4	97.6	109.8	122.0	122.0	122.0	122.0	128.1	140.2
77.5°	42.7	48.8	54.9	67.1	97.6	122.0	140.2	152.4	140.2	134.1	122.0
75°	24.4	30.5	36.6	42.7	61.0	85.4	115.9	146.3	170.7	164.6	152.4
72.5°	24.4	24.4	30.5	36.6	42.7	48.8	54.9	85.4	122.0	152.4	170.7
70°	24.4	30.5	30.5	36.6	42.7	48.8	54.9	67.1	85.4	122.0	158.5
67.5°	24.4	30.5	30.5	42.7	54.9	61.0	67.1	61.0	54.9	79.3	115.9
65°	24.4	24.4	30.5	36.6	42.7	48.8	67.1	67.1	61.0	61.0	61.0
62.5°	36.6	36.6	36.6	36.6	42.7	42.7	42.7	54.9	54.9	54.9	54.9
60°	73.2	67.1	67.1	67.1	67.1	54.9	54.9	54.9	48.8	54.9	48.8
57.5°	176.8	146.3	134.1	134.1	115.9	109.8	91.5	67.1	67.1	54.9	54.9
55°	359.8	341.5	286.6	237.8	213.4	189.0	146.3	122.0	91.5	73.2	67.1
52.5°	554.9	506.1	457.3	396.3	335.4	286.6	243.9	189.0	152.4	109.8	85.4
50°	725.6	682.9	628.1	561.0	481.7	420.7	359.8	286.6	225.6	170.7	122.0
47.5°	987.8	902.5	835.4	756.1	664.6	579.3	500.0	414.6	317.1	250.0	189.0
45°	1268.3	1146.4	1054.9	981.7	859.8	743.9	652.5	561.0	445.1	329.3	256.1
42.5°	1463.4	1372.0	1250.0	1152.5	1042.7	920.7	798.8	701.2	579.3	445.1	329.3
40°	1567.1	1506.1	1408.6	1323.2	1207.3	1073.2	945.1	847.6	719.5	573.2	414.6
37.5°	1646.4	1615.9	1567.1	1500.0	1390.3	1231.7	1103.7	987.8	878.1	707.3	536.6
35°	1737.8	1731.7	1701.3	1670.8	1579.3	1426.9	1274.4	1140.3	1006.1	847.6	658.5
32.5°	1823.2	1817.1	1798.8	1786.6	1750.0	1615.9	1451.2	1298.8	1146.4	981.7	774.4
30°	1865.9	1853.7	1853.7	1865.9	1829.3	1743.9	1622.0	1457.3	1286.6	1091.5	896.4
27.5°	1865.9	1853.7	1859.8	1878.1	1872.0	1829.3	1737.8	1603.7	1414.7	1195.1	1006.1
25°	1786.6	1847.6	1847.6	1872.0	1878.1	1865.9	1817.1	1731.7	1536.6	1304.9	1091.5
22.5°	1676.9	1823.2	1878.1	1872.0	1878.1	1908.6	1914.7	1835.4	1652.5	1414.7	1176.9
20°	1676.9	1780.5	1939.1	1896.4	1908.6	1975.6	2006.1	1939.1	1774.4	1518.3	1262.2
17.5°	1713.4	1780.5	1914.7	1981.7	2000.0	2054.9	2103.7	2061.0	1884.2	1628.1	1378.1
15°	1817.1	1804.9	1896.4	2061.0	2091.5	2134.2	2189.1	2140.3	1981.7	1750.0	1487.8
12.5°	1890.3	1823.2	1896.4	2073.2	2170.8	2213.5	2231.8	2195.2	2067.1	1859.8	1597.6
10°	1987.8	1872.0	1908.6	2061.0	2201.3	2231.8	2250.0	2237.8	2146.4	1951.3	1695.2
7.5°	2061.0	1896.4	1896.4	2042.7	2231.8	2256.1	2268.3	2280.5	2213.5	2030.5	1780.5
5°	2091.5	1896.4	1884.2	2024.4	2262.2	2286.6	2286.6	2304.9	2262.2	2091.5	1841.5
2.5°	2097.6	1890.3	1872.0	2012.2	2317.1	2317.1	2304.9	2323.2	2298.8	2128.1	1884.2
0°	2128.1	1884.2	1865.9	2030.5	2378.1	2353.7	2323.2	2329.3	2317.1	2146.4	1908.6
-2.5°	2128.1	1914.7	1890.3	2042.7	2372.0	2365.9	2353.7	2359.8	2347.6	2201.3	1957.4
-5°	2158.6	1957.4	1933.0	2097.6	2365.9	2384.2	2390.3	2390.3	2372.0	2237.8	1987.8
-7.5°	2164.7	1987.8	1981.7	2152.5	2378.1	2408.6	2426.9	2439.1	2402.5	2262.2	2012.2
-10°	2134.2	2000.0	2030.5	2219.6	2390.3	2433.0	2469.6	2487.9	2426.9	2274.4	2024.4
-12.5°	2067.1	2000.0	2079.3	2304.9	2420.8	2469.6	2524.4	2530.5	2451.3	2280.5	2030.5
-15°	2061.0	2048.8	2164.7	2390.3	2439.1	2500.0	2585.4	2567.1	2469.6	2280.5	2030.5
-17.5°	2054.9	2115.9	2292.7	2420.8	2469.6	2536.6	2603.7	2585.4	2481.8	2280.5	2018.3
-20°	2109.8	2225.7	2445.2	2451.3	2506.1	2579.3	2615.9	2579.3	2463.5	2262.2	2000.0

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CATALOG NUMBER: IFLD-L-SA7D-760-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°	2201.3	2420.8	2494.0	2518.3	2567.1	2622.0	2640.3	2585.4	2445.2	2231.8	1969.6
-25°	2433.0	2542.7	2542.7	2597.6	2646.4	2670.8	2652.5	2591.5	2420.8	2201.3	1939.1
-27.5°	2609.8	2603.7	2634.2	2689.1	2731.8	2731.8	2683.0	2561.0	2384.2	2170.8	1896.4
-30°	2676.9	2683.0	2725.7	2786.6	2798.8	2768.3	2695.2	2536.6	2353.7	2122.0	1841.5
-32.5°	2744.0	2768.3	2823.2	2853.7	2859.8	2798.8	2664.7	2494.0	2304.9	2067.1	1780.5
-35°	2823.2	2872.0	2902.5	2908.6	2878.1	2774.4	2622.0	2439.1	2231.8	1987.8	1725.6
-37.5°	2926.9	2951.3	2969.6	2945.2	2859.8	2737.9	2548.8	2365.9	2164.7	1902.5	1646.4
-40°	2994.0	3006.2	3012.3	2933.0	2829.3	2652.5	2469.6	2280.5	2048.8	1804.9	1561.0
-42.5°	3036.6	3024.4	2975.7	2890.3	2737.9	2567.1	2390.3	2176.9	1945.2	1707.3	1469.5
-45°	3024.4	2981.8	2908.6	2804.9	2646.4	2475.7	2268.3	2054.9	1835.4	1603.7	1365.9
-47.5°	2975.7	2908.6	2817.1	2695.2	2548.8	2341.5	2134.2	1926.9	1713.4	1487.8	1268.3
-50°	2914.7	2835.4	2725.7	2573.2	2378.1	2189.1	2000.0	1798.8	1579.3	1372.0	1176.9
-52.5°	2847.6	2762.2	2622.0	2451.3	2237.8	2042.7	1859.8	1664.7	1463.4	1268.3	1097.6
-55°	2774.4	2689.1	2530.5	2335.4	2122.0	1908.6	1731.7	1567.1	1372.0	1182.9	1030.5
-57.5°	2737.9	2628.1	2463.5	2268.3	2042.7	1823.2	1670.8	1493.9	1317.1	1122.0	975.6
-60°	2707.4	2597.6	2445.2	2219.6	2006.1	1798.8	1622.0	1451.2	1262.2	1079.3	932.9
-62.5°	2622.0	2506.1	2365.9	2146.4	1939.1	1750.0	1591.5	1390.3	1207.3	1036.6	902.5
-65°	2451.3	2329.3	2207.4	2012.2	1823.2	1646.4	1487.8	1304.9	1134.2	987.8	872.0
-67.5°	2183.0	2079.3	1969.6	1804.9	1646.4	1487.8	1341.5	1182.9	1042.7	939.0	878.1
-70°	1884.2	1774.4	1664.7	1530.5	1396.4	1268.3	1152.5	1036.6	945.1	890.3	841.5
-72.5°	1372.0	1323.2	1268.3	1164.7	1054.9	975.6	920.7	872.0	804.9	756.1	725.6
-75°	914.7	847.6	762.2	725.6	731.7	719.5	689.0	652.5	622.0	603.7	561.0
-77.5°	713.4	676.8	634.2	591.5	573.2	554.9	530.5	500.0	475.6	432.9	372.0
-80°	658.5	628.1	597.6	567.1	536.6	493.9	445.1	396.3	372.0	353.7	347.6
-82.5°	542.7	506.1	469.5	439.0	396.3	365.9	335.4	311.0	311.0	304.9	298.8
-85°	311.0	298.8	280.5	268.3	256.1	237.8	219.5	207.3	201.2	195.1	189.0
-87.5°	158.5	152.4	140.2	134.1	128.1	122.0	109.8	103.7	97.6	97.6	91.5
-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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CATALOG NUMBER: IFLD-L-SA7D-760-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°	30.5	30.5	24.4	24.4	24.4	18.3	12.2	12.2	6.1	6.1	0.0
85°	73.2	61.0	54.9	48.8	48.8	36.6	24.4	18.3	12.2	6.1	6.1
82.5°	140.2	122.0	103.7	91.5	73.2	54.9	42.7	30.5	18.3	12.2	6.1
80°	158.5	158.5	152.4	128.1	103.7	79.3	54.9	36.6	24.4	18.3	12.2
77.5°	122.0	134.1	134.1	134.1	128.1	97.6	67.1	42.7	24.4	18.3	12.2
75°	140.2	122.0	115.9	122.0	115.9	97.6	79.3	48.8	30.5	24.4	12.2
72.5°	170.7	146.3	128.1	122.0	109.8	91.5	73.2	54.9	30.5	24.4	18.3
70°	158.5	152.4	140.2	128.1	109.8	91.5	73.2	54.9	36.6	24.4	18.3
67.5°	140.2	140.2	140.2	128.1	109.8	85.4	67.1	48.8	36.6	24.4	18.3
65°	97.6	115.9	128.1	122.0	109.8	85.4	67.1	48.8	36.6	30.5	18.3
62.5°	61.0	79.3	103.7	115.9	103.7	85.4	61.0	48.8	36.6	30.5	18.3
60°	54.9	61.0	73.2	91.5	97.6	79.3	61.0	42.7	36.6	30.5	18.3
57.5°	54.9	54.9	61.0	73.2	79.3	73.2	54.9	36.6	36.6	30.5	24.4
55°	61.0	54.9	54.9	61.0	67.1	67.1	54.9	36.6	36.6	30.5	24.4
52.5°	73.2	61.0	54.9	54.9	54.9	61.0	48.8	36.6	36.6	30.5	24.4
50°	91.5	73.2	67.1	54.9	54.9	54.9	48.8	36.6	30.5	30.5	24.4
47.5°	122.0	97.6	73.2	67.1	54.9	48.8	42.7	36.6	30.5	30.5	24.4
45°	182.9	115.9	97.6	73.2	61.0	54.9	48.8	36.6	30.5	30.5	24.4
42.5°	250.0	170.7	122.0	85.4	67.1	54.9	48.8	42.7	30.5	30.5	24.4
40°	317.1	231.7	152.4	109.8	79.3	61.0	48.8	42.7	36.6	30.5	24.4
37.5°	390.3	286.6	201.2	140.2	91.5	67.1	54.9	42.7	36.6	30.5	24.4
35°	481.7	359.8	250.0	170.7	109.8	79.3	61.0	42.7	36.6	30.5	24.4
32.5°	585.4	426.8	298.8	207.3	140.2	97.6	67.1	48.8	36.6	30.5	24.4
30°	682.9	506.1	353.7	250.0	170.7	109.8	73.2	48.8	36.6	30.5	18.3
27.5°	780.5	585.4	420.7	292.7	207.3	128.1	79.3	54.9	36.6	30.5	24.4
25°	878.1	664.6	487.8	335.4	237.8	152.4	97.6	61.0	36.6	30.5	24.4
22.5°	963.4	743.9	548.8	384.2	274.4	176.8	109.8	67.1	42.7	30.5	24.4
20°	1061.0	829.3	615.9	439.0	304.9	201.2	122.0	73.2	42.7	30.5	24.4
17.5°	1152.5	914.7	682.9	487.8	341.5	225.6	140.2	79.3	48.8	30.5	24.4
15°	1243.9	993.9	743.9	536.6	378.1	250.0	152.4	85.4	54.9	30.5	24.4
12.5°	1329.3	1067.1	798.8	579.3	408.5	274.4	164.6	91.5	61.0	30.5	24.4
10°	1408.6	1134.2	853.7	615.9	439.0	292.7	176.8	103.7	67.1	30.5	24.4
7.5°	1487.8	1189.0	896.4	652.5	475.6	317.1	189.0	109.8	73.2	36.6	24.4
5°	1536.6	1237.8	932.9	682.9	506.1	341.5	201.2	115.9	79.3	36.6	24.4
2.5°	1579.3	1274.4	957.3	713.4	536.6	359.8	201.2	122.0	85.4	36.6	24.4
0°	1603.7	1298.8	975.6	731.7	561.0	372.0	207.3	128.1	91.5	36.6	24.4
-2.5°	1658.6	1341.5	1018.3	756.1	585.4	408.5	219.5	134.1	97.6	42.7	24.4
-5°	1695.2	1365.9	1048.8	780.5	603.7	445.1	237.8	146.3	109.8	54.9	30.5
-7.5°	1725.6	1390.3	1073.2	792.7	622.0	457.3	243.9	152.4	115.9	61.0	30.5
-10°	1731.7	1402.5	1091.5	811.0	634.2	475.6	250.0	158.5	122.0	67.1	30.5
-12.5°	1737.8	1414.7	1097.6	823.2	646.4	487.8	256.1	164.6	128.1	73.2	30.5
-15°	1731.7	1408.6	1097.6	835.4	652.5	475.6	268.3	170.7	134.1	79.3	30.5
-17.5°	1719.5	1402.5	1091.5	829.3	646.4	463.4	274.4	182.9	134.1	85.4	36.6
-20°	1701.3	1384.2	1079.3	823.2	640.3	451.2	280.5	189.0	140.2	85.4	36.6



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CATALOG NUMBER: IFLD-L-SA7D-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1670.8	1353.7	1054.9	804.9	628.1	439.0	280.5	201.2	146.3	85.4	36.6
-25°	1634.2	1323.2	1030.5	780.5	609.8	420.7	280.5	207.3	152.4	85.4	36.6
-27.5°	1591.5	1292.7	993.9	762.2	585.4	408.5	280.5	213.4	158.5	85.4	36.6
-30°	1542.7	1250.0	963.4	731.7	567.1	408.5	286.6	219.5	164.6	85.4	36.6
-32.5°	1493.9	1207.3	926.8	707.3	542.7	402.4	286.6	225.6	170.7	79.3	42.7
-35°	1439.1	1158.6	896.4	689.0	524.4	390.3	292.7	225.6	164.6	79.3	42.7
-37.5°	1372.0	1097.6	865.9	670.7	512.2	378.1	292.7	231.7	158.5	79.3	42.7
-40°	1298.8	1048.8	829.3	646.4	493.9	372.0	292.7	231.7	152.4	79.3	48.8
-42.5°	1219.5	993.9	792.7	622.0	475.6	365.9	292.7	231.7	146.3	79.3	48.8
-45°	1146.4	939.0	750.0	591.5	457.3	365.9	292.7	225.6	134.1	85.4	48.8
-47.5°	1067.1	878.1	701.2	561.0	451.2	359.8	286.6	213.4	122.0	85.4	48.8
-50°	1000.0	817.1	664.6	530.5	439.0	365.9	292.7	195.1	122.0	85.4	48.8
-52.5°	932.9	774.4	622.0	518.3	426.8	372.0	286.6	182.9	122.0	85.4	48.8
-55°	878.1	731.7	597.6	500.0	439.0	384.2	274.4	164.6	122.0	85.4	48.8
-57.5°	835.4	707.3	579.3	506.1	457.3	372.0	256.1	158.5	122.0	79.3	48.8
-60°	804.9	682.9	585.4	530.5	463.4	353.7	243.9	158.5	122.0	79.3	42.7
-62.5°	780.5	689.0	615.9	548.8	439.0	329.3	231.7	158.5	109.8	73.2	42.7
-65°	786.6	713.4	628.1	524.4	420.7	304.9	213.4	152.4	103.7	67.1	42.7
-67.5°	804.9	695.1	591.5	493.9	378.1	274.4	195.1	140.2	97.6	67.1	42.7
-70°	743.9	640.3	536.6	420.7	323.2	237.8	182.9	128.1	85.4	61.0	42.7
-72.5°	670.7	536.6	426.8	341.5	274.4	219.5	164.6	115.9	79.3	54.9	36.6
-75°	487.8	390.3	317.1	286.6	243.9	195.1	146.3	103.7	73.2	54.9	36.6
-77.5°	347.6	323.2	292.7	262.2	219.5	170.7	128.1	97.6	67.1	48.8	30.5
-80°	341.5	311.0	274.4	225.6	182.9	146.3	109.8	85.4	61.0	42.7	24.4
-82.5°	286.6	243.9	207.3	170.7	140.2	115.9	91.5	67.1	48.8	30.5	18.3
-85°	176.8	152.4	134.1	115.9	97.6	79.3	61.0	42.7	30.5	18.3	12.2
-87.5°	85.4	79.3	67.1	54.9	48.8	36.6	30.5	24.4	18.3	12.2	6.1
-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-SA7D-760-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°	6.1	0.0	0.0	0.0
80°	6.1	0.0	0.0	0.0
77.5°	6.1	0.0	0.0	0.0
75°	6.1	6.1	0.0	0.0
72.5°	6.1	6.1	0.0	0.0
70°	12.2	6.1	6.1	0.0
67.5°	12.2	6.1	6.1	0.0
65°	12.2	6.1	6.1	0.0
62.5°	12.2	6.1	6.1	0.0
60°	12.2	6.1	6.1	0.0
57.5°	12.2	6.1	6.1	0.0
55°	12.2	6.1	6.1	0.0
52.5°	12.2	6.1	6.1	0.0
50°	12.2	6.1	6.1	0.0
47.5°	12.2	12.2	6.1	0.0
45°	12.2	12.2	6.1	0.0
42.5°	12.2	12.2	6.1	0.0
40°	12.2	12.2	6.1	0.0
37.5°	12.2	12.2	6.1	0.0
35°	12.2	12.2	6.1	0.0
32.5°	18.3	12.2	6.1	0.0
30°	18.3	12.2	12.2	0.0
27.5°	18.3	12.2	12.2	0.0
25°	18.3	12.2	12.2	0.0
22.5°	18.3	12.2	12.2	0.0
20°	18.3	12.2	12.2	0.0
17.5°	18.3	12.2	12.2	0.0
15°	18.3	12.2	12.2	0.0
12.5°	18.3	12.2	12.2	0.0
10°	18.3	12.2	12.2	0.0
7.5°	18.3	12.2	12.2	0.0
5°	18.3	12.2	12.2	0.0
2.5°	18.3	12.2	12.2	0.0
0°	18.3	12.2	12.2	0.0
-2.5°	18.3	12.2	12.2	0.0
-5°	18.3	12.2	12.2	0.0
-7.5°	18.3	12.2	12.2	0.0
-10°	18.3	12.2	12.2	0.0
-12.5°	24.4	12.2	12.2	0.0
-15°	24.4	12.2	12.2	0.0
-17.5°	24.4	12.2	12.2	0.0
-20°	24.4	12.2	12.2	0.0

REPORT NUMBER: P723801

CATALOG NUMBER: IFLD-L-SA7D-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.4	12.2	12.2	0.0
-25°	24.4	12.2	12.2	0.0
-27.5°	24.4	12.2	12.2	0.0
-30°	24.4	12.2	12.2	0.0
-32.5°	24.4	12.2	12.2	0.0
-35°	24.4	12.2	12.2	0.0
-37.5°	24.4	12.2	12.2	0.0
-40°	24.4	12.2	12.2	0.0
-42.5°	18.3	12.2	6.1	0.0
-45°	24.4	12.2	6.1	0.0
-47.5°	24.4	12.2	6.1	0.0
-50°	24.4	12.2	6.1	0.0
-52.5°	24.4	12.2	6.1	0.0
-55°	24.4	12.2	6.1	0.0
-57.5°	24.4	12.2	6.1	0.0
-60°	24.4	12.2	6.1	0.0
-62.5°	24.4	12.2	6.1	0.0
-65°	24.4	12.2	6.1	0.0
-67.5°	24.4	12.2	6.1	0.0
-70°	24.4	6.1	6.1	0.0
-72.5°	18.3	6.1	6.1	0.0
-75°	18.3	6.1	6.1	0.0
-77.5°	12.2	6.1	0.0	0.0
-80°	12.2	6.1	0.0	0.0
-82.5°	12.2	6.1	0.0	0.0
-85°	6.1	0.0	0.0	0.0
-87.5°	6.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)