

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: P723714

Luminaire Tested: **IFLD-L-SA7D-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723714
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	25469.3 lumens	Max Intensity:	599203.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.3 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:	9236.2 lumens	Field Lumens:	14724.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

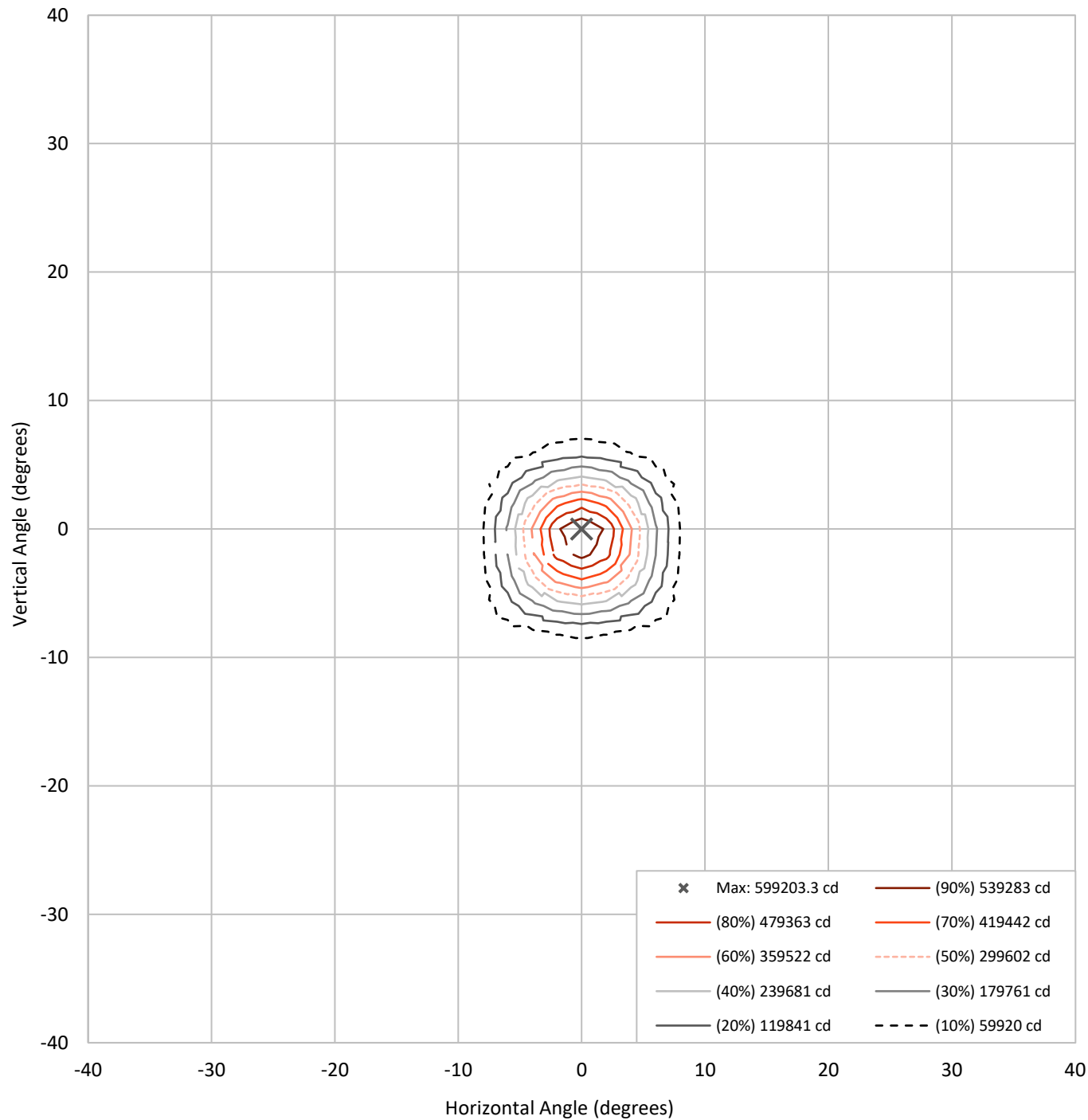
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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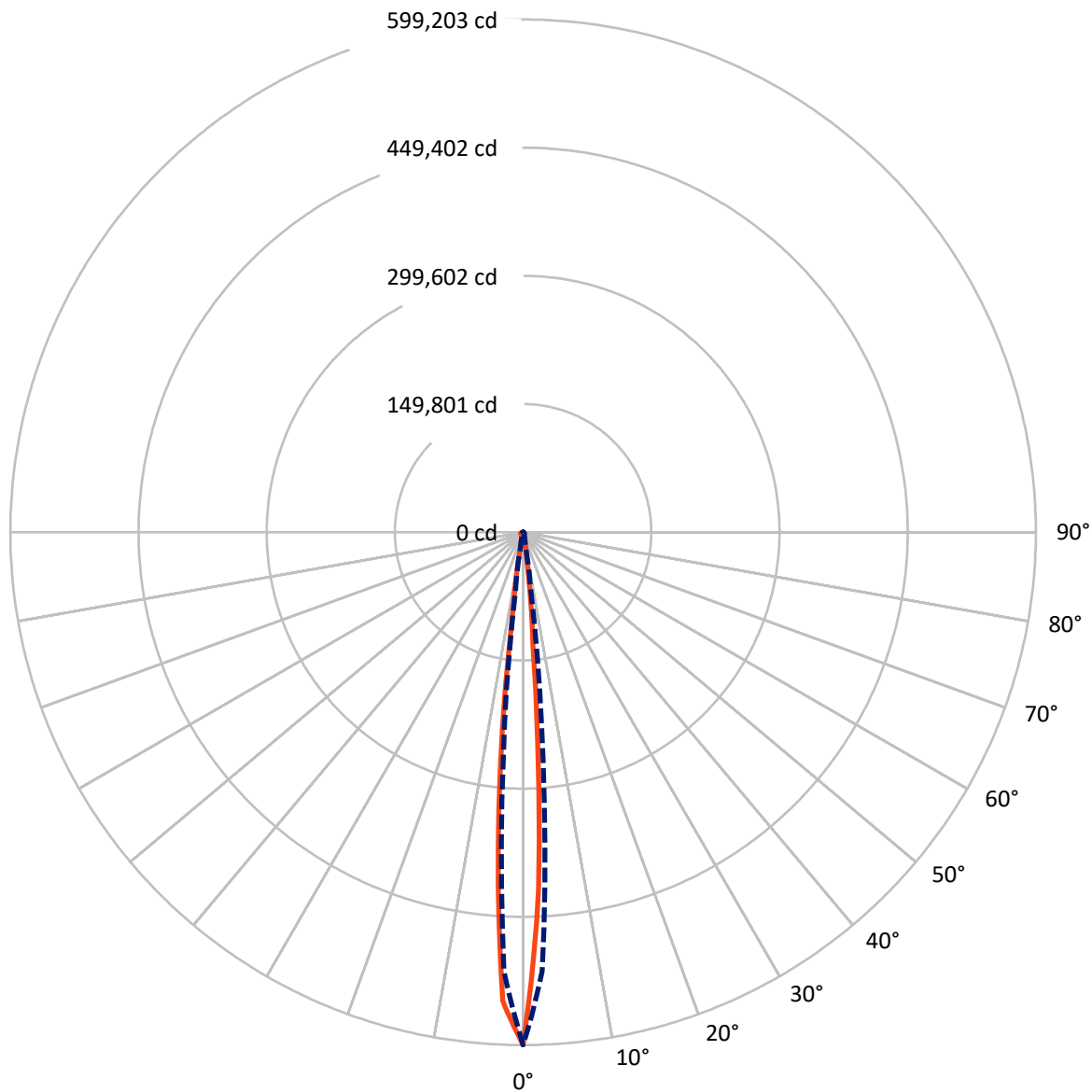
Lumen Table

90																			
80	0.4	5.7		6.2		2.4		0.7		2.4		6.2		5.7		0.4			
70																			
60	0.6	1.3	1.6	1.2	1.0	0.8	0.6	0.4	0.4	0.6	0.8	1.0	1.2	1.6	1.3	0.6			
50		0.8	1.2	3.0	6.6	10.7	13.8	15.8	15.8	13.8	10.7	6.6	3.0	1.2	0.8				
40	0.6	0.8	3.5	11.6	22.8	33.4	40.2	44.5	44.5	40.2	33.4	22.8	11.6	3.5	0.8	0.6			
30		1.7	8.8	23.8	38.7	45.5	49.1	50.9	50.9	49.1	45.5	38.7	23.8	8.8	1.7				
20	1.0	3.3	15.1	34.7	44.9	46.2	54.5	65.7	65.7	54.5	46.2	44.9	34.7	15.1	3.3	1.0			
10		5.2	21.2	42.6	47.9	54.0	94.9	161.6	161.6	94.9	54.0	47.9	42.6	21.2	5.2				
0	1.7	6.7	26.0	46.8	49.6	66.6	180.4	3343.5	3343.5	180.4	66.6	49.6	46.8	26.0	6.7	1.7			
-10		7.9	28.4	49.2	51.4	68.9	194.4	4875.1	4875.1	194.4	68.9	51.4	49.2	28.4	7.9				
-20	2.4	8.4	29.2	51.8	55.7	62.1	113.0	216.9	216.9	113.0	62.1	55.7	51.8	29.2	8.4	2.4			
-30		7.9	27.7	52.4	62.5	62.6	73.2	89.3	89.3	73.2	62.6	62.5	52.4	27.7	7.9				
-40	2.7	7.0	24.5	50.1	68.8	74.9	78.0	78.6	78.6	78.0	74.9	68.8	50.1	24.5	7.0	2.7			
-50		6.2	19.7	42.5	66.3	80.6	90.4	94.7	94.7	90.4	80.6	66.3	42.5	19.7	6.2				
-60	2.1	5.6	15.2	33.0	56.5	75.9	88.2	93.3	93.3	88.2	75.9	56.5	33.0	15.2	5.6	2.1			
-70		5.2	13.4	26.9	47.2	66.4	80.4	86.8	86.8	80.4	66.4	47.2	26.9	13.4	5.2				
-80	1.0	15.8		46.9		86.9		95.9		86.9		46.9		15.8		1.0			
-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



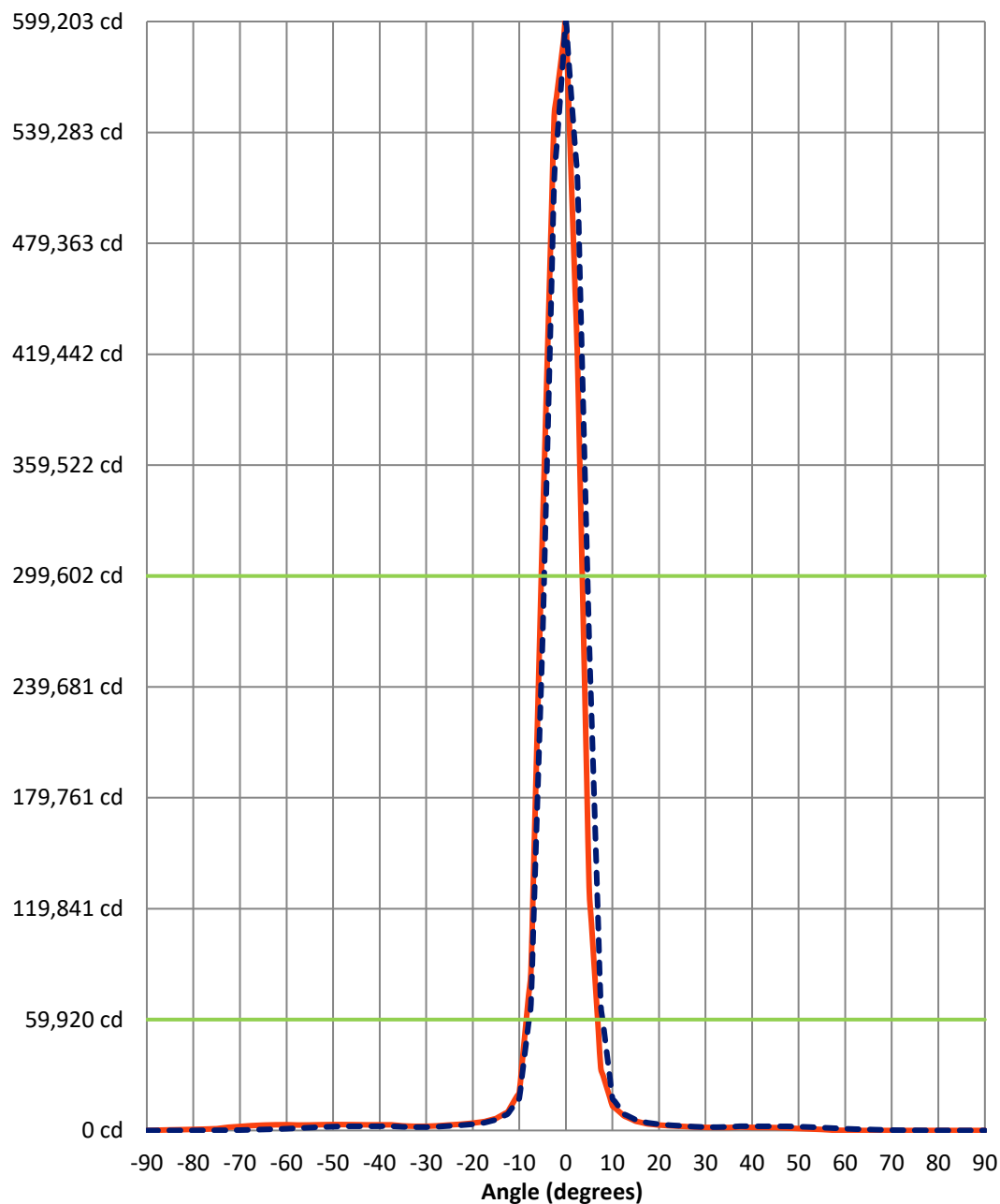
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9236.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 14724.3

Efficiency: 57.8%

Spill:

Lumens: 10745

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	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	0.0	5.9	5.9	11.8	11.8	11.8	17.6	23.5	29.4	29.4	35.3
82.5°	0.0	5.9	5.9	11.8	11.8	17.6	17.6	29.4	35.3	41.2	52.9
80°	5.9	5.9	5.9	11.8	11.8	17.6	17.6	23.5	29.4	41.2	47.0
77.5°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	17.6	23.5	29.4	35.3
75°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	17.6	17.6	23.5
72.5°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	11.8	17.6	17.6	17.6
70°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	11.8	17.6	17.6	17.6
67.5°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	11.8	17.6	17.6	17.6
65°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	17.6	17.6	17.6	17.6
62.5°	5.9	5.9	5.9	11.8	17.6	17.6	23.5	29.4	29.4	29.4	29.4
60°	58.8	64.7	70.6	70.6	64.7	64.7	70.6	70.6	70.6	70.6	70.6
57.5°	158.7	170.5	176.4	176.4	176.4	170.5	194.0	199.9	176.4	164.6	182.3
55°	552.7	570.3	558.6	540.9	505.6	464.5	452.7	446.8	452.7	423.3	376.3
52.5°	805.5	823.1	817.3	805.5	782.0	752.6	729.1	705.5	682.0	635.0	582.1
50°	1046.6	1052.4	1046.6	1034.8	1011.3	981.9	934.8	881.9	834.9	823.1	776.1
47.5°	1317.0	1334.6	1334.6	1328.8	1311.1	1258.2	1187.7	1111.2	1075.9	1064.2	1017.2
45°	1558.1	1569.8	1575.7	1581.6	1575.7	1522.8	1458.1	1417.0	1340.5	1317.0	1317.0
42.5°	1622.7	1628.6	1634.5	1640.4	1658.0	1616.9	1563.9	1493.4	1475.8	1469.9	1458.1
40°	1646.3	1634.5	1640.4	1646.3	1652.1	1622.7	1581.6	1540.4	1528.7	1516.9	1516.9
37.5°	1869.7	1816.8	1775.6	1740.3	1710.9	1681.5	1640.4	1605.1	1575.7	1552.2	1575.7
35°	1593.3	1593.3	1634.5	1669.8	1705.1	1740.3	1746.2	1705.1	1640.4	1611.0	1652.1
32.5°	1628.6	1628.6	1628.6	1640.4	1652.1	1681.5	1710.9	1728.6	1775.6	1722.7	1722.7
30°	1663.9	1669.8	1681.5	1687.4	1669.8	1658.0	1646.3	1646.3	1675.7	1752.1	1793.2
27.5°	1869.7	1869.7	1852.0	1828.5	1775.6	1693.3	1652.1	1593.3	1599.2	1634.5	1734.5
25°	2204.8	2193.1	2151.9	2093.1	1999.0	1881.4	1769.7	1646.3	1593.3	1575.7	1616.9
22.5°	2522.3	2504.7	2451.8	2398.8	2322.4	2204.8	2016.7	1828.5	1663.9	1593.3	1575.7
20°	2928.0	2886.8	2828.0	2745.7	2622.3	2504.7	2340.0	2093.1	1852.0	1669.8	1599.2
17.5°	3580.6	3527.7	3416.0	3269.0	3057.3	2875.1	2639.9	2404.7	2134.3	1840.3	1681.5
15°	5009.3	4874.1	4680.1	4274.4	3857.0	3510.1	3157.3	2763.4	2487.0	2099.0	1857.9
12.5°	7878.5	7508.1	6943.7	5997.1	5062.2	4256.8	3686.4	3180.8	2734.0	2375.3	2034.3
10°	13334.7	12541.0	10982.9	8395.9	6673.2	5191.6	4168.6	3492.4	2928.0	2557.6	2181.3
7.5°	33724.8	27510.2	19467.0	13293.5	8731.1	6344.0	4768.3	3786.4	3133.8	2675.2	2298.9
5°	131442.1	108276.9	57760.2	24105.9	13134.8	7672.7	5309.2	4021.6	3269.0	2763.4	2387.1
2.5°	417156.4	360242.8	189002.4	51892.5	16127.5	8642.9	5679.6	4168.6	3345.4	2828.0	2451.8
0°	599203.3	513539.0	265253.6	68249.2	17491.5	8889.8	5797.2	4198.0	3357.2	2839.8	2451.8
-2.5°	548169.3	479755.4	256234.5	63510.4	17873.7	8960.4	5891.3	4297.9	3445.4	2892.7	2469.4
-5°	325718.4	285702.5	178742.7	45283.9	15880.5	8319.5	5644.3	4209.7	3386.6	2863.3	2457.6
-7.5°	85817.2	74293.4	48870.4	23629.7	10277.4	7037.8	5185.7	4062.7	3310.2	2810.4	2410.6
-10°	20690.0	19608.1	17515.0	10736.0	8002.0	5879.5	4597.8	3798.2	3157.3	2739.8	2334.2
-12.5°	9977.5	9742.3	8842.8	7290.6	5938.3	4885.9	4162.7	3521.8	3016.2	2616.4	2228.3
-15°	6491.0	6355.7	6050.0	5456.2	4768.3	4262.6	3757.0	3239.6	2839.8	2434.1	2140.1
-17.5°	4803.6	4797.7	4644.8	4421.4	4080.4	3704.1	3333.7	3004.4	2616.4	2269.5	2046.1
-20°	3980.4	3980.4	3892.2	3745.2	3504.2	3257.2	3010.3	2704.6	2387.1	2128.4	2034.3

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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°	3380.7	3386.6	3339.6	3245.5	3116.1	2910.4	2669.3	2422.4	2193.1	2099.0	2069.6
-25°	2992.7	2980.9	2928.0	2839.8	2704.6	2539.9	2381.2	2216.6	2151.9	2128.4	2169.5
-27.5°	2534.1	2551.7	2528.2	2487.0	2398.8	2281.2	2246.0	2198.9	2210.7	2246.0	2404.7
-30°	2263.6	2281.2	2304.8	2322.4	2293.0	2263.6	2275.4	2310.6	2387.1	2522.3	2581.1
-32.5°	2263.6	2269.5	2304.8	2340.0	2357.7	2381.2	2445.9	2563.5	2675.2	2639.9	2628.1
-35°	2469.4	2451.8	2498.8	2545.8	2610.5	2692.8	2763.4	2739.8	2698.7	2686.9	2698.7
-37.5°	3057.3	2945.6	2898.6	2869.2	2851.6	2839.8	2822.2	2804.5	2786.9	2775.1	2792.8
-40°	3051.5	3022.1	2992.7	2969.1	2951.5	2928.0	2916.2	2910.4	2892.7	2881.0	2869.2
-42.5°	3039.7	3051.5	3051.5	3045.6	3051.5	3045.6	3027.9	3004.4	2975.0	2951.5	2928.0
-45°	3127.9	3133.8	3145.5	3157.3	3174.9	3151.4	3116.1	3075.0	3033.8	2998.5	2969.1
-47.5°	3180.8	3186.7	3198.4	3216.1	3227.8	3204.3	3157.3	3104.4	3039.7	2980.9	2922.1
-50°	3198.4	3216.1	3222.0	3222.0	3216.1	3186.7	3116.1	3039.7	2969.1	2910.4	2857.4
-52.5°	3116.1	3133.8	3139.7	3127.9	3122.0	3092.6	3027.9	2957.4	2881.0	2839.8	2792.8
-55°	2980.9	3004.4	3022.1	3022.1	3022.1	3016.2	2957.4	2892.7	2833.9	2786.9	2739.8
-57.5°	2928.0	2969.1	3004.4	3010.3	3016.2	3022.1	2980.9	2916.2	2845.7	2775.1	2716.3
-60°	3122.0	3157.3	3174.9	3151.4	3133.8	3116.1	3051.5	2975.0	2904.5	2833.9	2722.2
-62.5°	3069.1	3127.9	3157.3	3139.7	3116.1	3086.7	3016.2	2928.0	2845.7	2769.2	2657.5
-65°	2898.6	2951.5	2986.8	2957.4	2922.1	2881.0	2816.3	2734.0	2657.5	2581.1	2481.1
-67.5°	2610.5	2686.9	2745.7	2681.1	2634.0	2581.1	2528.2	2457.6	2381.2	2293.0	2198.9
-70°	2157.8	2216.6	2269.5	2251.8	2240.1	2228.3	2193.1	2122.5	2057.8	1987.3	1905.0
-72.5°	1734.5	1787.4	1834.4	1805.0	1781.5	1746.2	1693.3	1616.9	1540.4	1464.0	1387.6
-75°	958.4	976.0	993.6	987.8	987.8	987.8	987.8	993.6	981.9	964.2	929.0
-77.5°	734.9	758.5	776.1	787.9	805.5	829.0	846.6	817.3	787.9	758.5	723.2
-80°	576.2	599.7	617.3	682.0	729.1	782.0	817.3	776.1	734.9	699.7	670.3
-82.5°	435.1	452.7	470.4	505.6	529.2	558.6	582.1	582.1	576.2	570.3	552.7
-85°	317.5	341.0	364.5	376.3	393.9	393.9	399.8	376.3	352.8	335.1	311.6
-87.5°	182.3	188.1	188.1	188.1	194.0	194.0	194.0	182.3	176.4	164.6	158.7
-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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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°	5.9	5.9	5.9	11.8	11.8	17.6	17.6	23.5	23.5	29.4	29.4
85°	35.3	35.3	35.3	41.2	41.2	47.0	52.9	58.8	64.7	64.7	70.6
82.5°	58.8	64.7	70.6	76.4	82.3	88.2	94.1	100.0	117.6	129.3	135.2
80°	58.8	64.7	82.3	94.1	105.8	117.6	117.6	117.6	117.6	123.5	135.2
77.5°	41.2	47.0	52.9	64.7	94.1	117.6	135.2	147.0	135.2	129.3	117.6
75°	23.5	29.4	35.3	41.2	58.8	82.3	111.7	141.1	164.6	158.7	147.0
72.5°	23.5	23.5	29.4	35.3	41.2	47.0	52.9	82.3	117.6	147.0	164.6
70°	23.5	29.4	29.4	35.3	41.2	47.0	52.9	64.7	82.3	117.6	152.9
67.5°	23.5	29.4	29.4	41.2	52.9	58.8	64.7	58.8	52.9	76.4	111.7
65°	23.5	23.5	29.4	35.3	41.2	47.0	64.7	64.7	58.8	58.8	58.8
62.5°	35.3	35.3	35.3	35.3	41.2	41.2	41.2	52.9	52.9	52.9	52.9
60°	70.6	64.7	64.7	64.7	64.7	52.9	52.9	52.9	47.0	52.9	47.0
57.5°	170.5	141.1	129.3	129.3	111.7	105.8	88.2	64.7	64.7	52.9	52.9
55°	346.9	329.3	276.3	229.3	205.8	182.3	141.1	117.6	88.2	70.6	64.7
52.5°	535.0	488.0	441.0	382.2	323.4	276.3	235.2	182.3	147.0	105.8	82.3
50°	699.7	658.5	605.6	540.9	464.5	405.7	346.9	276.3	217.5	164.6	117.6
47.5°	952.5	870.2	805.5	729.1	640.9	558.6	482.1	399.8	305.7	241.1	182.3
45°	1222.9	1105.3	1017.2	946.6	829.0	717.3	629.1	540.9	429.2	317.5	246.9
42.5°	1411.1	1322.9	1205.3	1111.2	1005.4	887.8	770.2	676.1	558.6	429.2	317.5
40°	1511.0	1452.2	1358.2	1275.9	1164.1	1034.8	911.3	817.3	693.8	552.7	399.8
37.5°	1587.5	1558.1	1511.0	1446.4	1340.5	1187.7	1064.2	952.5	846.6	682.0	517.4
35°	1675.7	1669.8	1640.4	1611.0	1522.8	1375.8	1228.8	1099.5	970.1	817.3	635.0
32.5°	1758.0	1752.1	1734.5	1722.7	1687.4	1558.1	1399.3	1252.3	1105.3	946.6	746.7
30°	1799.1	1787.4	1787.4	1799.1	1763.8	1681.5	1563.9	1405.2	1240.6	1052.4	864.3
27.5°	1799.1	1787.4	1793.2	1810.9	1805.0	1763.8	1675.7	1546.3	1364.0	1152.4	970.1
25°	1722.7	1781.5	1781.5	1805.0	1810.9	1799.1	1752.1	1669.8	1481.6	1258.2	1052.4
22.5°	1616.9	1758.0	1810.9	1805.0	1810.9	1840.3	1846.2	1769.7	1593.3	1364.0	1134.7
20°	1616.9	1716.8	1869.7	1828.5	1840.3	1905.0	1934.4	1869.7	1710.9	1464.0	1217.1
17.5°	1652.1	1716.8	1846.2	1910.8	1928.5	1981.4	2028.4	1987.3	1816.8	1569.8	1328.8
15°	1752.1	1740.3	1828.5	1987.3	2016.7	2057.8	2110.7	2063.7	1910.8	1687.4	1434.6
12.5°	1822.6	1758.0	1828.5	1999.0	2093.1	2134.3	2151.9	2116.6	1993.2	1793.2	1540.4
10°	1916.7	1805.0	1840.3	1987.3	2122.5	2151.9	2169.5	2157.8	2069.6	1881.4	1634.5
7.5°	1987.3	1828.5	1828.5	1969.6	2151.9	2175.4	2187.2	2198.9	2134.3	1957.9	1716.8
5°	2016.7	1828.5	1816.8	1952.0	2181.3	2204.8	2204.8	2222.5	2181.3	2016.7	1775.6
2.5°	2022.5	1822.6	1805.0	1940.2	2234.2	2234.2	2222.5	2240.1	2216.6	2051.9	1816.8
0°	2051.9	1816.8	1799.1	1957.9	2293.0	2269.5	2240.1	2246.0	2234.2	2069.6	1840.3
-2.5°	2051.9	1846.2	1822.6	1969.6	2287.1	2281.2	2269.5	2275.4	2263.6	2122.5	1887.3
-5°	2081.3	1887.3	1863.8	2022.5	2281.2	2298.9	2304.8	2304.8	2287.1	2157.8	1916.7
-7.5°	2087.2	1916.7	1910.8	2075.5	2293.0	2322.4	2340.0	2351.8	2316.5	2181.3	1940.2
-10°	2057.8	1928.5	1957.9	2140.1	2304.8	2345.9	2381.2	2398.8	2340.0	2193.1	1952.0
-12.5°	1993.2	1928.5	2004.9	2222.5	2334.2	2381.2	2434.1	2440.0	2363.6	2198.9	1957.9
-15°	1987.3	1975.5	2087.2	2304.8	2351.8	2410.6	2492.9	2475.3	2381.2	2198.9	1957.9
-17.5°	1981.4	2040.2	2210.7	2334.2	2381.2	2445.9	2510.5	2492.9	2393.0	2198.9	1946.1
-20°	2034.3	2146.0	2357.7	2363.6	2416.5	2487.0	2522.3	2487.0	2375.3	2181.3	1928.5

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CATALOG NUMBER: IFLD-L-SA7D-735-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°	2122.5	2334.2	2404.7	2428.2	2475.3	2528.2	2545.8	2492.9	2357.7	2151.9	1899.1
-25°	2345.9	2451.8	2451.8	2504.7	2551.7	2575.2	2557.6	2498.8	2334.2	2122.5	1869.7
-27.5°	2516.4	2510.5	2539.9	2592.9	2634.0	2634.0	2587.0	2469.4	2298.9	2093.1	1828.5
-30°	2581.1	2587.0	2628.1	2686.9	2698.7	2669.3	2598.7	2445.9	2269.5	2046.1	1775.6
-32.5°	2645.8	2669.3	2722.2	2751.6	2757.5	2698.7	2569.3	2404.7	2222.5	1993.2	1716.8
-35°	2722.2	2769.2	2798.6	2804.5	2775.1	2675.2	2528.2	2351.8	2151.9	1916.7	1663.9
-37.5°	2822.2	2845.7	2863.3	2839.8	2757.5	2639.9	2457.6	2281.2	2087.2	1834.4	1587.5
-40°	2886.8	2898.6	2904.5	2828.0	2728.1	2557.6	2381.2	2198.9	1975.5	1740.3	1505.2
-42.5°	2928.0	2916.2	2869.2	2786.9	2639.9	2475.3	2304.8	2099.0	1875.6	1646.3	1417.0
-45°	2916.2	2875.1	2804.5	2704.6	2551.7	2387.1	2187.2	1981.4	1769.7	1546.3	1317.0
-47.5°	2869.2	2804.5	2716.3	2598.7	2457.6	2257.7	2057.8	1857.9	1652.1	1434.6	1222.9
-50°	2810.4	2734.0	2628.1	2481.1	2293.0	2110.7	1928.5	1734.5	1522.8	1322.9	1134.7
-52.5°	2745.7	2663.4	2528.2	2363.6	2157.8	1969.6	1793.2	1605.1	1411.1	1222.9	1058.3
-55°	2675.2	2592.9	2440.0	2251.8	2046.1	1840.3	1669.8	1511.0	1322.9	1140.6	993.6
-57.5°	2639.9	2534.1	2375.3	2187.2	1969.6	1758.0	1611.0	1440.5	1270.0	1081.8	940.7
-60°	2610.5	2504.7	2357.7	2140.1	1934.4	1734.5	1563.9	1399.3	1217.1	1040.7	899.6
-62.5°	2528.2	2416.5	2281.2	2069.6	1869.7	1687.4	1534.5	1340.5	1164.1	999.5	870.2
-65°	2363.6	2246.0	2128.4	1940.2	1758.0	1587.5	1434.6	1258.2	1093.6	952.5	840.8
-67.5°	2104.9	2004.9	1899.1	1740.3	1587.5	1434.6	1293.5	1140.6	1005.4	905.4	846.6
-70°	1816.8	1710.9	1605.1	1475.8	1346.4	1222.9	1111.2	999.5	911.3	858.4	811.4
-72.5°	1322.9	1275.9	1222.9	1123.0	1017.2	940.7	887.8	840.8	776.1	729.1	699.7
-75°	881.9	817.3	734.9	699.7	705.5	693.8	664.4	629.1	599.7	582.1	540.9
-77.5°	687.9	652.6	611.5	570.3	552.7	535.0	511.5	482.1	458.6	417.4	358.6
-80°	635.0	605.6	576.2	546.8	517.4	476.2	429.2	382.2	358.6	341.0	335.1
-82.5°	523.3	488.0	452.7	423.3	382.2	352.8	323.4	299.9	299.9	294.0	288.1
-85°	299.9	288.1	270.5	258.7	246.9	229.3	211.7	199.9	194.0	188.1	182.3
-87.5°	152.9	147.0	135.2	129.3	123.5	117.6	105.8	100.0	94.1	94.1	88.2
-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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CATALOG NUMBER: IFLD-L-SA7D-735-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°	29.4	29.4	23.5	23.5	23.5	17.6	11.8	11.8	5.9	5.9	0.0
85°	70.6	58.8	52.9	47.0	47.0	35.3	23.5	17.6	11.8	5.9	5.9
82.5°	135.2	117.6	100.0	88.2	70.6	52.9	41.2	29.4	17.6	11.8	5.9
80°	152.9	152.9	147.0	123.5	100.0	76.4	52.9	35.3	23.5	17.6	11.8
77.5°	117.6	129.3	129.3	129.3	123.5	94.1	64.7	41.2	23.5	17.6	11.8
75°	135.2	117.6	111.7	117.6	111.7	94.1	76.4	47.0	29.4	23.5	11.8
72.5°	164.6	141.1	123.5	117.6	105.8	88.2	70.6	52.9	29.4	23.5	17.6
70°	152.9	147.0	135.2	123.5	105.8	88.2	70.6	52.9	35.3	23.5	17.6
67.5°	135.2	135.2	135.2	123.5	105.8	82.3	64.7	47.0	35.3	23.5	17.6
65°	94.1	111.7	123.5	117.6	105.8	82.3	64.7	47.0	35.3	29.4	17.6
62.5°	58.8	76.4	100.0	111.7	100.0	82.3	58.8	47.0	35.3	29.4	17.6
60°	52.9	58.8	70.6	88.2	94.1	76.4	58.8	41.2	35.3	29.4	17.6
57.5°	52.9	52.9	58.8	70.6	76.4	70.6	52.9	35.3	35.3	29.4	23.5
55°	58.8	52.9	52.9	58.8	64.7	64.7	52.9	35.3	35.3	29.4	23.5
52.5°	70.6	58.8	52.9	52.9	52.9	58.8	47.0	35.3	35.3	29.4	23.5
50°	88.2	70.6	64.7	52.9	52.9	52.9	47.0	35.3	29.4	29.4	23.5
47.5°	117.6	94.1	70.6	64.7	52.9	47.0	41.2	35.3	29.4	29.4	23.5
45°	176.4	111.7	94.1	70.6	58.8	52.9	47.0	35.3	29.4	29.4	23.5
42.5°	241.1	164.6	117.6	82.3	64.7	52.9	47.0	41.2	29.4	29.4	23.5
40°	305.7	223.4	147.0	105.8	76.4	58.8	47.0	41.2	35.3	29.4	23.5
37.5°	376.3	276.3	194.0	135.2	88.2	64.7	52.9	41.2	35.3	29.4	23.5
35°	464.5	346.9	241.1	164.6	105.8	76.4	58.8	41.2	35.3	29.4	23.5
32.5°	564.4	411.6	288.1	199.9	135.2	94.1	64.7	47.0	35.3	29.4	23.5
30°	658.5	488.0	341.0	241.1	164.6	105.8	70.6	47.0	35.3	29.4	17.6
27.5°	752.6	564.4	405.7	282.2	199.9	123.5	76.4	52.9	35.3	29.4	23.5
25°	846.6	640.9	470.4	323.4	229.3	147.0	94.1	58.8	35.3	29.4	23.5
22.5°	929.0	717.3	529.2	370.4	264.6	170.5	105.8	64.7	41.2	29.4	23.5
20°	1023.0	799.6	593.8	423.3	294.0	194.0	117.6	70.6	41.2	29.4	23.5
17.5°	1111.2	881.9	658.5	470.4	329.3	217.5	135.2	76.4	47.0	29.4	23.5
15°	1199.4	958.4	717.3	517.4	364.5	241.1	147.0	82.3	52.9	29.4	23.5
12.5°	1281.7	1028.9	770.2	558.6	393.9	264.6	158.7	88.2	58.8	29.4	23.5
10°	1358.2	1093.6	823.1	593.8	423.3	282.2	170.5	100.0	64.7	29.4	23.5
7.5°	1434.6	1146.5	864.3	629.1	458.6	305.7	182.3	105.8	70.6	35.3	23.5
5°	1481.6	1193.5	899.6	658.5	488.0	329.3	194.0	111.7	76.4	35.3	23.5
2.5°	1522.8	1228.8	923.1	687.9	517.4	346.9	194.0	117.6	82.3	35.3	23.5
0°	1546.3	1252.3	940.7	705.5	540.9	358.6	199.9	123.5	88.2	35.3	23.5
-2.5°	1599.2	1293.5	981.9	729.1	564.4	393.9	211.7	129.3	94.1	41.2	23.5
-5°	1634.5	1317.0	1011.3	752.6	582.1	429.2	229.3	141.1	105.8	52.9	29.4
-7.5°	1663.9	1340.5	1034.8	764.3	599.7	441.0	235.2	147.0	111.7	58.8	29.4
-10°	1669.8	1352.3	1052.4	782.0	611.5	458.6	241.1	152.9	117.6	64.7	29.4
-12.5°	1675.7	1364.0	1058.3	793.7	623.2	470.4	246.9	158.7	123.5	70.6	29.4
-15°	1669.8	1358.2	1058.3	805.5	629.1	458.6	258.7	164.6	129.3	76.4	29.4
-17.5°	1658.0	1352.3	1052.4	799.6	623.2	446.8	264.6	176.4	129.3	82.3	35.3
-20°	1640.4	1334.6	1040.7	793.7	617.3	435.1	270.5	182.3	135.2	82.3	35.3

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CATALOG NUMBER: IFLD-L-SA7D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1611.0	1305.2	1017.2	776.1	605.6	423.3	270.5	194.0	141.1	82.3	35.3
-25°	1575.7	1275.9	993.6	752.6	587.9	405.7	270.5	199.9	147.0	82.3	35.3
-27.5°	1534.5	1246.5	958.4	734.9	564.4	393.9	270.5	205.8	152.9	82.3	35.3
-30°	1487.5	1205.3	929.0	705.5	546.8	393.9	276.3	211.7	158.7	82.3	35.3
-32.5°	1440.5	1164.1	893.7	682.0	523.3	388.0	276.3	217.5	164.6	76.4	41.2
-35°	1387.6	1117.1	864.3	664.4	505.6	376.3	282.2	217.5	158.7	76.4	41.2
-37.5°	1322.9	1058.3	834.9	646.7	493.9	364.5	282.2	223.4	152.9	76.4	41.2
-40°	1252.3	1011.3	799.6	623.2	476.2	358.6	282.2	223.4	147.0	76.4	47.0
-42.5°	1175.9	958.4	764.3	599.7	458.6	352.8	282.2	223.4	141.1	76.4	47.0
-45°	1105.3	905.4	723.2	570.3	441.0	352.8	282.2	217.5	129.3	82.3	47.0
-47.5°	1028.9	846.6	676.1	540.9	435.1	346.9	276.3	205.8	117.6	82.3	47.0
-50°	964.2	787.9	640.9	511.5	423.3	352.8	282.2	188.1	117.6	82.3	47.0
-52.5°	899.6	746.7	599.7	499.8	411.6	358.6	276.3	176.4	117.6	82.3	47.0
-55°	846.6	705.5	576.2	482.1	423.3	370.4	264.6	158.7	117.6	82.3	47.0
-57.5°	805.5	682.0	558.6	488.0	441.0	358.6	246.9	152.9	117.6	76.4	47.0
-60°	776.1	658.5	564.4	511.5	446.8	341.0	235.2	152.9	117.6	76.4	41.2
-62.5°	752.6	664.4	593.8	529.2	423.3	317.5	223.4	152.9	105.8	70.6	41.2
-65°	758.5	687.9	605.6	505.6	405.7	294.0	205.8	147.0	100.0	64.7	41.2
-67.5°	776.1	670.3	570.3	476.2	364.5	264.6	188.1	135.2	94.1	64.7	41.2
-70°	717.3	617.3	517.4	405.7	311.6	229.3	176.4	123.5	82.3	58.8	41.2
-72.5°	646.7	517.4	411.6	329.3	264.6	211.7	158.7	111.7	76.4	52.9	35.3
-75°	470.4	376.3	305.7	276.3	235.2	188.1	141.1	100.0	70.6	52.9	35.3
-77.5°	335.1	311.6	282.2	252.8	211.7	164.6	123.5	94.1	64.7	47.0	29.4
-80°	329.3	299.9	264.6	217.5	176.4	141.1	105.8	82.3	58.8	41.2	23.5
-82.5°	276.3	235.2	199.9	164.6	135.2	111.7	88.2	64.7	47.0	29.4	17.6
-85°	170.5	147.0	129.3	111.7	94.1	76.4	58.8	41.2	29.4	17.6	11.8
-87.5°	82.3	76.4	64.7	52.9	47.0	35.3	29.4	23.5	17.6	11.8	5.9
-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-SA7D-735-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°	5.9	0.0	0.0	0.0
80°	5.9	0.0	0.0	0.0
77.5°	5.9	0.0	0.0	0.0
75°	5.9	5.9	0.0	0.0
72.5°	5.9	5.9	0.0	0.0
70°	11.8	5.9	5.9	0.0
67.5°	11.8	5.9	5.9	0.0
65°	11.8	5.9	5.9	0.0
62.5°	11.8	5.9	5.9	0.0
60°	11.8	5.9	5.9	0.0
57.5°	11.8	5.9	5.9	0.0
55°	11.8	5.9	5.9	0.0
52.5°	11.8	5.9	5.9	0.0
50°	11.8	5.9	5.9	0.0
47.5°	11.8	11.8	5.9	0.0
45°	11.8	11.8	5.9	0.0
42.5°	11.8	11.8	5.9	0.0
40°	11.8	11.8	5.9	0.0
37.5°	11.8	11.8	5.9	0.0
35°	11.8	11.8	5.9	0.0
32.5°	17.6	11.8	5.9	0.0
30°	17.6	11.8	11.8	0.0
27.5°	17.6	11.8	11.8	0.0
25°	17.6	11.8	11.8	0.0
22.5°	17.6	11.8	11.8	0.0
20°	17.6	11.8	11.8	0.0
17.5°	17.6	11.8	11.8	0.0
15°	17.6	11.8	11.8	0.0
12.5°	17.6	11.8	11.8	0.0
10°	17.6	11.8	11.8	0.0
7.5°	17.6	11.8	11.8	0.0
5°	17.6	11.8	11.8	0.0
2.5°	17.6	11.8	11.8	0.0
0°	17.6	11.8	11.8	0.0
-2.5°	17.6	11.8	11.8	0.0
-5°	17.6	11.8	11.8	0.0
-7.5°	17.6	11.8	11.8	0.0
-10°	17.6	11.8	11.8	0.0
-12.5°	23.5	11.8	11.8	0.0
-15°	23.5	11.8	11.8	0.0
-17.5°	23.5	11.8	11.8	0.0
-20°	23.5	11.8	11.8	0.0

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CATALOG NUMBER: IFLD-L-SA7D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	23.5	11.8	11.8	0.0
-25°	23.5	11.8	11.8	0.0
-27.5°	23.5	11.8	11.8	0.0
-30°	23.5	11.8	11.8	0.0
-32.5°	23.5	11.8	11.8	0.0
-35°	23.5	11.8	11.8	0.0
-37.5°	23.5	11.8	11.8	0.0
-40°	23.5	11.8	11.8	0.0
-42.5°	17.6	11.8	5.9	0.0
-45°	23.5	11.8	5.9	0.0
-47.5°	23.5	11.8	5.9	0.0
-50°	23.5	11.8	5.9	0.0
-52.5°	23.5	11.8	5.9	0.0
-55°	23.5	11.8	5.9	0.0
-57.5°	23.5	11.8	5.9	0.0
-60°	23.5	11.8	5.9	0.0
-62.5°	23.5	11.8	5.9	0.0
-65°	23.5	11.8	5.9	0.0
-67.5°	23.5	11.8	5.9	0.0
-70°	23.5	5.9	5.9	0.0
-72.5°	17.6	5.9	5.9	0.0
-75°	17.6	5.9	5.9	0.0
-77.5°	11.8	5.9	0.0	0.0
-80°	11.8	5.9	0.0	0.0
-82.5°	11.8	5.9	0.0	0.0
-85°	5.9	0.0	0.0	0.0
-87.5°	5.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)