

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: P723719

Luminaire Tested: **IFLD-L-SA8D-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723719
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8D-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	29107.9 lumens	Max Intensity:	684805.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.6 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:	10555.7 lumens	Field Lumens:	16827.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

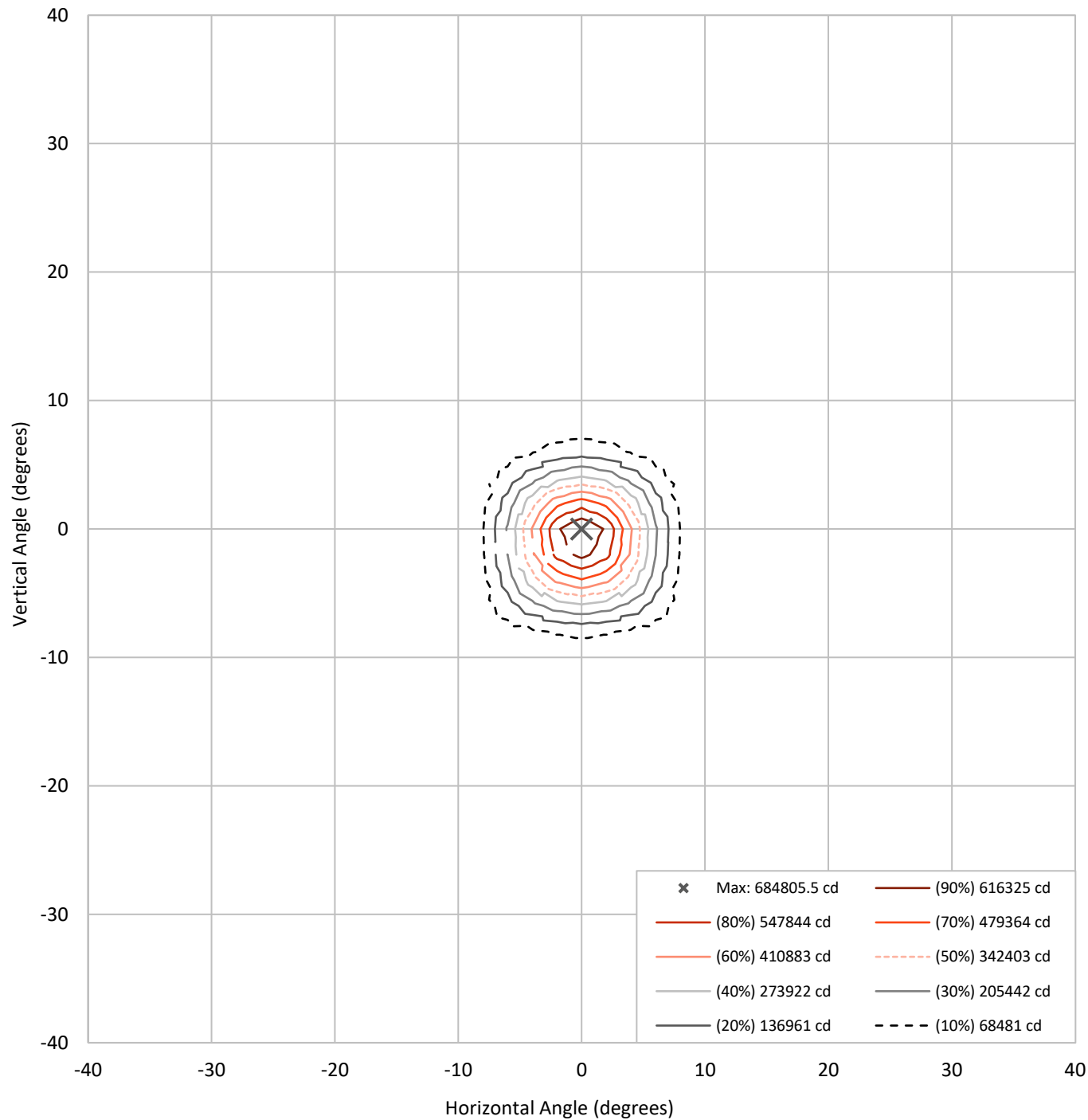
Input Watts (W): 488.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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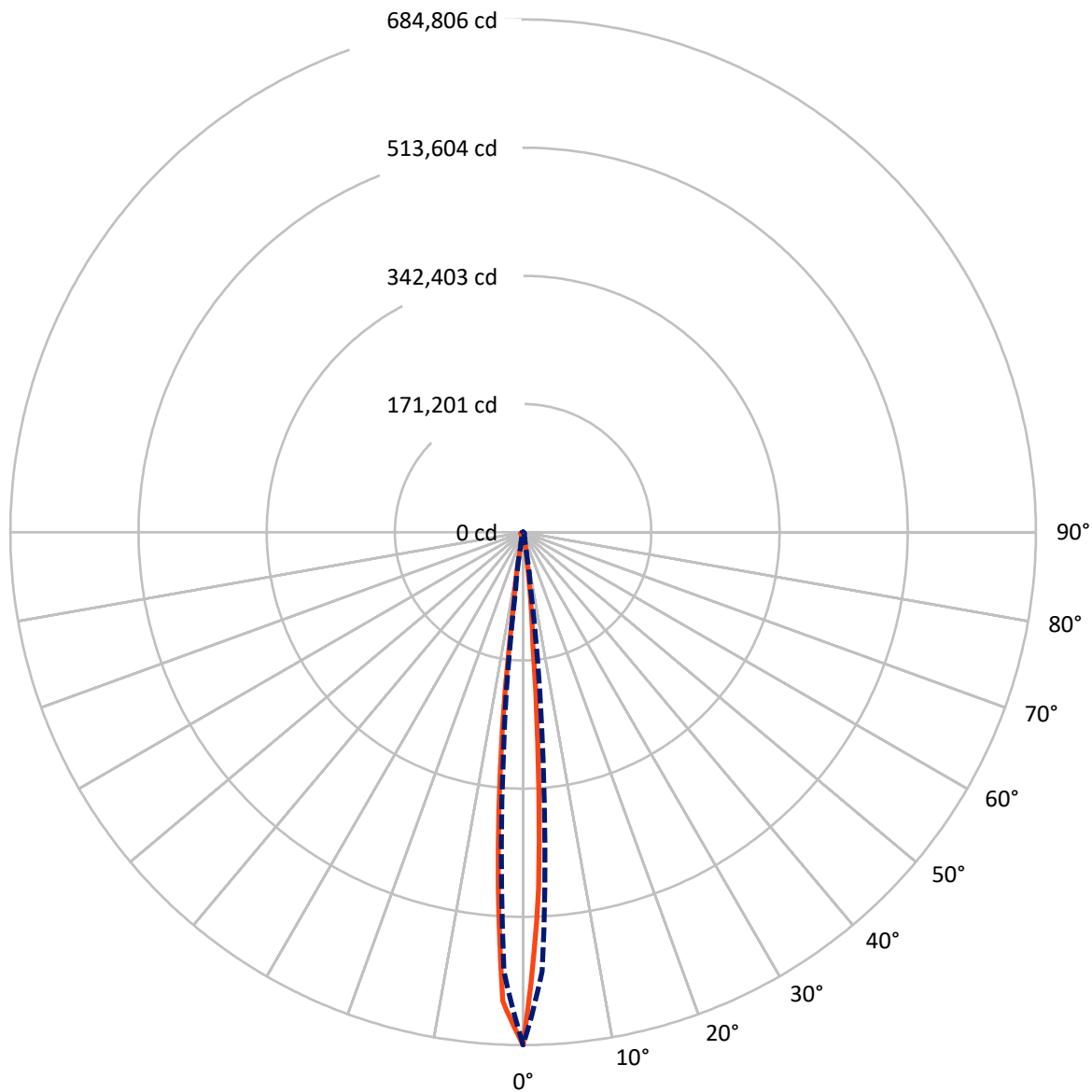
Lumen Table

90																
80	0.5	6.5		7.0		2.7		0.7		2.7		7.0		6.5		0.5
70																
60	0.7	1.5	1.9	1.4	1.2	0.9	0.7	0.4	0.4	0.7	0.9	1.2	1.4	1.9	1.5	0.7
50		0.9	1.3	3.4	7.5	12.3	15.8	18.1	18.1	15.8	12.3	7.5	3.4	1.3	0.9	
40	0.7	1.0	4.0	13.2	26.1	38.2	45.9	50.9	50.9	45.9	38.2	26.1	13.2	4.0	1.0	0.7
30		2.0	10.1	27.2	44.3	52.0	56.2	58.1	58.1	56.2	52.0	44.3	27.2	10.1	2.0	
20	1.2	3.8	17.2	39.6	51.3	52.8	62.3	75.0	75.0	62.3	52.8	51.3	39.6	17.2	3.8	1.2
10		5.9	24.2	48.7	54.7	61.7	108.4	184.7	184.7	108.4	61.7	54.7	48.7	24.2	5.9	
0	1.9	7.7	29.7	53.5	56.7	76.2	206.2	3821.2	3821.2	206.2	76.2	56.7	53.5	29.7	7.7	1.9
-10		9.0	32.5	56.2	58.8	78.7	222.1	5571.6	5571.6	222.1	78.7	58.8	56.2	32.5	9.0	
-20	2.8	9.6	33.3	59.2	63.6	71.0	129.1	247.8	247.8	129.1	71.0	63.6	59.2	33.3	9.6	2.8
-30		9.0	31.7	59.9	71.4	71.5	83.6	102.0	102.0	83.6	71.5	71.4	59.9	31.7	9.0	
-40	3.1	8.0	28.0	57.3	78.6	85.6	89.1	89.9	89.9	89.1	85.6	78.6	57.3	28.0	8.0	3.1
-50		7.1	22.5	48.6	75.8	92.1	103.3	108.3	108.3	103.3	92.1	75.8	48.6	22.5	7.1	
-60	2.4	6.4	17.4	37.7	64.6	86.8	100.8	106.7	106.7	100.8	86.8	64.6	37.7	17.4	6.4	2.4
-70		5.9	15.3	30.7	53.9	75.9	91.8	99.2	99.2	91.8	75.9	53.9	30.7	15.3	5.9	
-80	1.1	18.0		53.6		99.3		109.7		99.3		53.6		18.0		1.1
-90																
Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



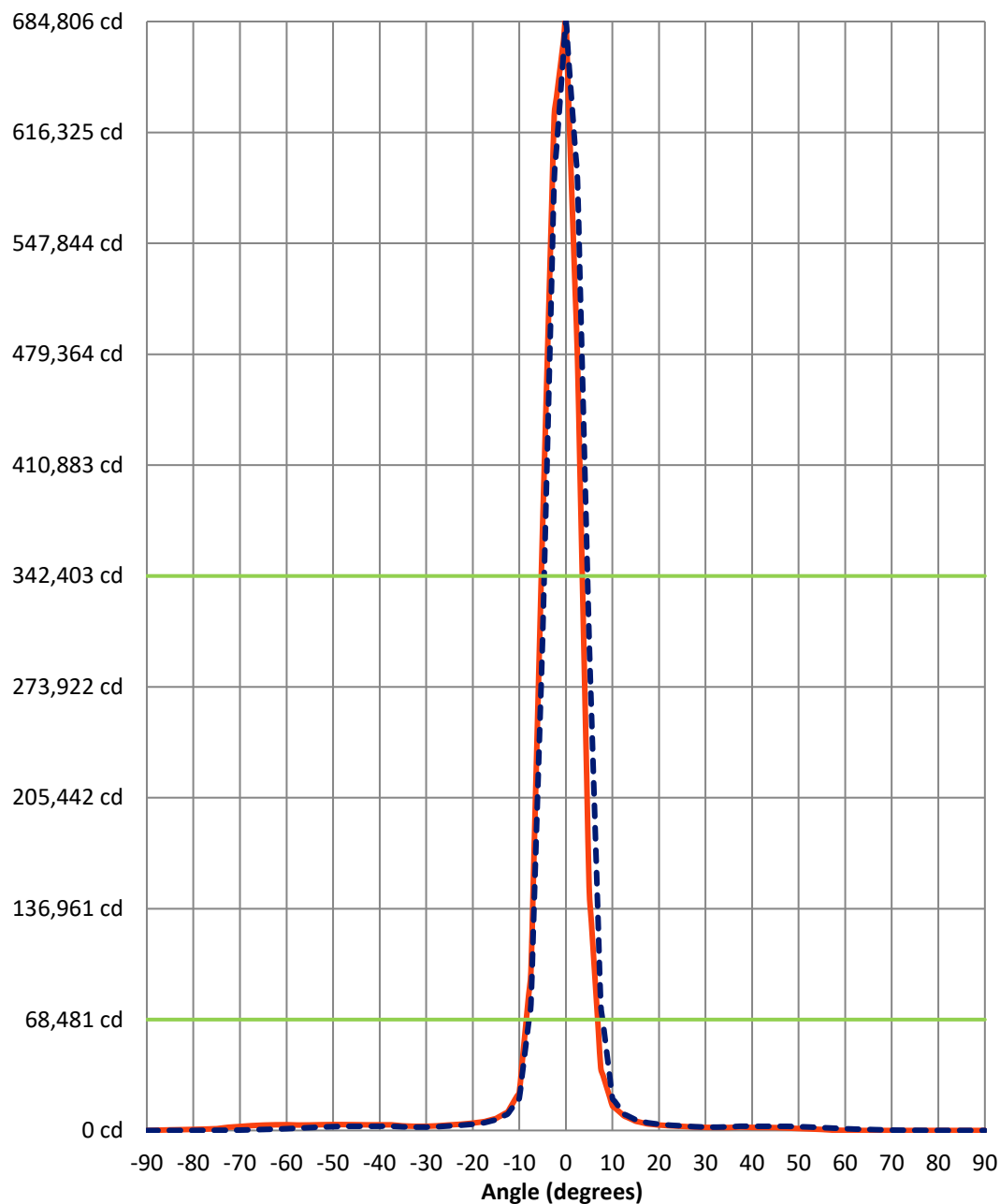
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 10555.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 16827.8

Efficiency: 57.8%

Spill:

Lumens: 12280

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	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	0.0	6.7	6.7	13.4	13.4	13.4	20.2	26.9	33.6	33.6	40.3
82.5°	0.0	6.7	6.7	13.4	13.4	20.2	20.2	33.6	40.3	47.0	60.5
80°	6.7	6.7	6.7	13.4	13.4	20.2	20.2	26.9	33.6	47.0	53.8
77.5°	0.0	6.7	6.7	6.7	13.4	13.4	13.4	20.2	26.9	33.6	40.3
75°	0.0	6.7	6.7	6.7	13.4	13.4	13.4	13.4	20.2	20.2	26.9
72.5°	0.0	0.0	0.0	6.7	6.7	13.4	13.4	13.4	20.2	20.2	20.2
70°	0.0	0.0	0.0	6.7	6.7	13.4	13.4	13.4	20.2	20.2	20.2
67.5°	0.0	0.0	0.0	6.7	6.7	13.4	13.4	13.4	20.2	20.2	20.2
65°	0.0	0.0	0.0	6.7	6.7	13.4	13.4	20.2	20.2	20.2	20.2
62.5°	6.7	6.7	6.7	13.4	20.2	20.2	26.9	33.6	33.6	33.6	33.6
60°	67.2	73.9	80.6	80.6	73.9	73.9	80.6	80.6	80.6	80.6	80.6
57.5°	181.4	194.9	201.6	201.6	201.6	194.9	221.7	228.5	201.6	188.1	208.3
55°	631.6	651.8	638.3	618.2	577.9	530.8	517.4	510.7	517.4	483.8	430.0
52.5°	920.6	940.7	934.0	920.6	893.7	860.1	833.2	806.3	779.5	725.7	665.2
50°	1196.1	1202.8	1196.1	1182.6	1155.7	1122.1	1068.4	1007.9	954.2	940.7	887.0
47.5°	1505.2	1525.3	1525.3	1518.6	1498.4	1438.0	1357.3	1270.0	1229.7	1216.2	1162.5
45°	1780.7	1794.1	1800.8	1807.5	1800.8	1740.3	1666.4	1619.4	1532.0	1505.2	1505.2
42.5°	1854.6	1861.3	1868.0	1874.7	1894.9	1847.8	1787.4	1706.7	1686.6	1679.9	1666.4
40°	1881.4	1868.0	1874.7	1881.4	1888.2	1854.6	1807.5	1760.5	1747.1	1733.6	1733.6
37.5°	2136.8	2076.3	2029.3	1989.0	1955.4	1921.8	1874.7	1834.4	1800.8	1773.9	1800.8
35°	1821.0	1821.0	1868.0	1908.3	1948.6	1989.0	1995.7	1948.6	1874.7	1841.1	1888.2
32.5°	1861.3	1861.3	1861.3	1874.7	1888.2	1921.8	1955.4	1975.5	2029.3	1968.8	1968.8
30°	1901.6	1908.3	1921.8	1928.5	1908.3	1894.9	1881.4	1881.4	1915.0	2002.4	2049.4
27.5°	2136.8	2136.8	2116.6	2089.7	2029.3	1935.2	1888.2	1821.0	1827.7	1868.0	1982.2
25°	2519.8	2506.4	2459.3	2392.1	2284.6	2150.2	2022.6	1881.4	1821.0	1800.8	1847.8
22.5°	2882.6	2862.5	2802.0	2741.5	2654.2	2519.8	2304.8	2089.7	1901.6	1821.0	1800.8
20°	3346.3	3299.2	3232.1	3138.0	2996.9	2862.5	2674.3	2392.1	2116.6	1908.3	1827.7
17.5°	4092.1	4031.7	3904.0	3736.0	3494.1	3285.8	3017.0	2748.3	2439.2	2103.2	1921.8
15°	5725.0	5570.4	5348.7	4885.0	4408.0	4011.5	3608.3	3158.1	2842.3	2398.8	2123.3
12.5°	9004.1	8580.7	7935.7	6853.8	5785.4	4864.9	4213.1	3635.2	3124.5	2714.7	2324.9
10°	15239.7	14332.6	12551.9	9595.4	7626.6	5933.3	4764.1	3991.4	3346.3	2923.0	2492.9
7.5°	38542.7	31440.3	22248.1	15192.7	9978.4	7250.3	5449.5	4327.3	3581.5	3057.3	2627.3
5°	150219.9	123745.3	66011.8	27549.7	15011.2	8768.9	6067.7	4596.1	3736.0	3158.1	2728.1
2.5°	476751.4	411707.1	216003.3	59305.8	18431.4	9877.6	6491.0	4764.1	3823.4	3232.1	2802.0
0°	684805.5	586903.2	303147.8	77999.3	19990.3	10159.8	6625.4	4797.7	3836.8	3245.5	2802.0
-2.5°	626480.8	548293.3	292840.1	72583.4	20427.1	10240.4	6732.9	4911.9	3937.6	3306.0	2822.2
-5°	372250.5	326518.0	204277.9	51753.2	18149.2	9508.0	6450.7	4811.1	3870.4	3272.4	2808.7
-7.5°	98077.0	84906.9	55852.0	27005.5	11745.6	8043.2	5926.6	4643.1	3783.0	3211.9	2755.0
-10°	23645.7	22409.3	20017.2	12269.7	9145.2	6719.4	5254.6	4340.8	3608.3	3131.3	2667.6
-12.5°	11402.9	11134.1	10106.0	8332.1	6786.6	5583.9	4757.4	4024.9	3447.1	2990.2	2546.7
-15°	7418.3	7263.7	6914.3	6235.6	5449.5	4871.6	4293.7	3702.4	3245.5	2781.9	2445.9
-17.5°	5489.8	5483.1	5308.4	5053.0	4663.3	4233.3	3809.9	3433.6	2990.2	2593.7	2338.4
-20°	4549.1	4549.1	4448.3	4280.3	4004.8	3722.6	3440.4	3090.9	2728.1	2432.4	2324.9

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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°	3863.7	3870.4	3816.6	3709.1	3561.3	3326.1	3050.6	2768.4	2506.4	2398.8	2365.2
-25°	3420.2	3406.8	3346.3	3245.5	3090.9	2902.8	2721.4	2533.2	2459.3	2432.4	2479.5
-27.5°	2896.1	2916.2	2889.4	2842.3	2741.5	2607.1	2566.8	2513.1	2526.5	2566.8	2748.3
-30°	2587.0	2607.1	2634.0	2654.2	2620.6	2587.0	2600.4	2640.7	2728.1	2882.6	2949.8
-32.5°	2587.0	2593.7	2634.0	2674.3	2694.5	2721.4	2795.3	2929.7	3057.3	3017.0	3003.6
-35°	2822.2	2802.0	2855.8	2909.5	2983.4	3077.5	3158.1	3131.3	3084.2	3070.8	3084.2
-37.5°	3494.1	3366.4	3312.7	3279.1	3258.9	3245.5	3225.3	3205.2	3185.0	3171.6	3191.7
-40°	3487.4	3453.8	3420.2	3393.3	3373.2	3346.3	3332.8	3326.1	3306.0	3292.5	3279.1
-42.5°	3474.0	3487.4	3487.4	3480.7	3487.4	3480.7	3460.5	3433.6	3400.0	3373.2	3346.3
-45°	3574.7	3581.5	3594.9	3608.3	3628.5	3601.6	3561.3	3514.3	3467.2	3426.9	3393.3
-47.5°	3635.2	3641.9	3655.4	3675.5	3689.0	3662.1	3608.3	3547.9	3474.0	3406.8	3339.6
-50°	3655.4	3675.5	3682.3	3682.3	3675.5	3641.9	3561.3	3474.0	3393.3	3326.1	3265.7
-52.5°	3561.3	3581.5	3588.2	3574.7	3568.0	3534.4	3460.5	3379.9	3292.5	3245.5	3191.7
-55°	3406.8	3433.6	3453.8	3453.8	3453.8	3447.1	3379.9	3306.0	3238.8	3185.0	3131.3
-57.5°	3346.3	3393.3	3433.6	3440.4	3447.1	3453.8	3406.8	3332.8	3252.2	3171.6	3104.4
-60°	3568.0	3608.3	3628.5	3601.6	3581.5	3561.3	3487.4	3400.0	3319.4	3238.8	3111.1
-62.5°	3507.6	3574.7	3608.3	3588.2	3561.3	3527.7	3447.1	3346.3	3252.2	3164.9	3037.2
-65°	3312.7	3373.2	3413.5	3379.9	3339.6	3292.5	3218.6	3124.5	3037.2	2949.8	2835.6
-67.5°	2983.4	3070.8	3138.0	3064.1	3010.3	2949.8	2889.4	2808.7	2721.4	2620.6	2513.1
-70°	2466.0	2533.2	2593.7	2573.5	2560.1	2546.7	2506.4	2425.7	2351.8	2271.2	2177.1
-72.5°	1982.2	2042.7	2096.5	2062.9	2036.0	1995.7	1935.2	1847.8	1760.5	1673.1	1585.8
-75°	1095.3	1115.4	1135.6	1128.9	1128.9	1128.9	1128.9	1135.6	1122.1	1102.0	1061.7
-77.5°	839.9	866.8	887.0	900.4	920.6	947.4	967.6	934.0	900.4	866.8	826.5
-80°	658.5	685.4	705.5	779.5	833.2	893.7	934.0	887.0	839.9	799.6	766.0
-82.5°	497.2	517.4	537.6	577.9	604.8	638.3	665.2	665.2	658.5	651.8	631.6
-85°	362.9	389.7	416.6	430.0	450.2	450.2	456.9	430.0	403.2	383.0	356.1
-87.5°	208.3	215.0	215.0	215.0	221.7	221.7	221.7	208.3	201.6	188.1	181.4
-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°	6.7	6.7	6.7	13.4	13.4	20.2	20.2	26.9	26.9	33.6	33.6
85°	40.3	40.3	40.3	47.0	47.0	53.8	60.5	67.2	73.9	73.9	80.6
82.5°	67.2	73.9	80.6	87.4	94.1	100.8	107.5	114.2	134.4	147.8	154.5
80°	67.2	73.9	94.1	107.5	121.0	134.4	134.4	134.4	134.4	141.1	154.5
77.5°	47.0	53.8	60.5	73.9	107.5	134.4	154.5	168.0	154.5	147.8	134.4
75°	26.9	33.6	40.3	47.0	67.2	94.1	127.7	161.3	188.1	181.4	168.0
72.5°	26.9	26.9	33.6	40.3	47.0	53.8	60.5	94.1	134.4	168.0	188.1
70°	26.9	33.6	33.6	40.3	47.0	53.8	60.5	73.9	94.1	134.4	174.7
67.5°	26.9	33.6	33.6	47.0	60.5	67.2	73.9	67.2	60.5	87.4	127.7
65°	26.9	26.9	33.6	40.3	47.0	53.8	73.9	73.9	67.2	67.2	67.2
62.5°	40.3	40.3	40.3	40.3	47.0	47.0	47.0	60.5	60.5	60.5	60.5
60°	80.6	73.9	73.9	73.9	73.9	60.5	60.5	60.5	53.8	60.5	53.8
57.5°	194.9	161.3	147.8	147.8	127.7	121.0	100.8	73.9	73.9	60.5	60.5
55°	396.4	376.3	315.8	262.1	235.2	208.3	161.3	134.4	100.8	80.6	73.9
52.5°	611.5	557.7	504.0	436.8	369.6	315.8	268.8	208.3	168.0	121.0	94.1
50°	799.6	752.6	692.1	618.2	530.8	463.6	396.4	315.8	248.6	188.1	134.4
47.5°	1088.6	994.5	920.6	833.2	732.4	638.3	551.0	456.9	349.4	275.5	208.3
45°	1397.6	1263.3	1162.5	1081.8	947.4	819.8	719.0	618.2	490.5	362.9	282.2
42.5°	1612.7	1511.9	1377.5	1270.0	1149.0	1014.6	880.2	772.7	638.3	490.5	362.9
40°	1726.9	1659.7	1552.2	1458.1	1330.5	1182.6	1041.5	934.0	792.9	631.6	456.9
37.5°	1814.3	1780.7	1726.9	1653.0	1532.0	1357.3	1216.2	1088.6	967.6	779.5	591.3
35°	1915.0	1908.3	1874.7	1841.1	1740.3	1572.4	1404.4	1256.5	1108.7	934.0	725.7
32.5°	2009.1	2002.4	1982.2	1968.8	1928.5	1780.7	1599.2	1431.2	1263.3	1081.8	853.4
30°	2056.2	2042.7	2042.7	2056.2	2015.8	1921.8	1787.4	1605.9	1417.8	1202.8	987.8
27.5°	2056.2	2042.7	2049.4	2069.6	2062.9	2015.8	1915.0	1767.2	1558.9	1317.0	1108.7
25°	1968.8	2036.0	2036.0	2062.9	2069.6	2056.2	2002.4	1908.3	1693.3	1438.0	1202.8
22.5°	1847.8	2009.1	2069.6	2062.9	2069.6	2103.2	2109.9	2022.6	1821.0	1558.9	1296.9
20°	1847.8	1962.1	2136.8	2089.7	2103.2	2177.1	2210.7	2136.8	1955.4	1673.1	1390.9
17.5°	1888.2	1962.1	2109.9	2183.8	2204.0	2264.5	2318.2	2271.2	2076.3	1794.1	1518.6
15°	2002.4	1989.0	2089.7	2271.2	2304.8	2351.8	2412.3	2358.5	2183.8	1928.5	1639.5
12.5°	2083.0	2009.1	2089.7	2284.6	2392.1	2439.2	2459.3	2419.0	2277.9	2049.4	1760.5
10°	2190.5	2062.9	2103.2	2271.2	2425.7	2459.3	2479.5	2466.0	2365.2	2150.2	1868.0
7.5°	2271.2	2089.7	2089.7	2251.0	2459.3	2486.2	2499.6	2513.1	2439.2	2237.6	1962.1
5°	2304.8	2089.7	2076.3	2230.9	2492.9	2519.8	2519.8	2540.0	2492.9	2304.8	2029.3
2.5°	2311.5	2083.0	2062.9	2217.4	2553.4	2553.4	2540.0	2560.1	2533.2	2345.1	2076.3
0°	2345.1	2076.3	2056.2	2237.6	2620.6	2593.7	2560.1	2566.8	2553.4	2365.2	2103.2
-2.5°	2345.1	2109.9	2083.0	2251.0	2613.9	2607.1	2593.7	2600.4	2587.0	2425.7	2156.9
-5°	2378.7	2156.9	2130.1	2311.5	2607.1	2627.3	2634.0	2634.0	2613.9	2466.0	2190.5
-7.5°	2385.4	2190.5	2183.8	2372.0	2620.6	2654.2	2674.3	2687.8	2647.5	2492.9	2217.4
-10°	2351.8	2204.0	2237.6	2445.9	2634.0	2681.1	2721.4	2741.5	2674.3	2506.4	2230.9
-12.5°	2277.9	2204.0	2291.3	2540.0	2667.6	2721.4	2781.9	2788.6	2701.2	2513.1	2237.6
-15°	2271.2	2257.7	2385.4	2634.0	2687.8	2755.0	2849.0	2828.9	2721.4	2513.1	2237.6
-17.5°	2264.5	2331.6	2526.5	2667.6	2721.4	2795.3	2869.2	2849.0	2734.8	2513.1	2224.1
-20°	2324.9	2452.6	2694.5	2701.2	2761.7	2842.3	2882.6	2842.3	2714.7	2492.9	2204.0

REPORT NUMBER: P723719

CATALOG NUMBER: IFLD-L-SA8D-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°	2425.7	2667.6	2748.3	2775.1	2828.9	2889.4	2909.5	2849.0	2694.5	2459.3	2170.4
-25°	2681.1	2802.0	2802.0	2862.5	2916.2	2943.1	2923.0	2855.8	2667.6	2425.7	2136.8
-27.5°	2875.9	2869.2	2902.8	2963.3	3010.3	3010.3	2956.6	2822.2	2627.3	2392.1	2089.7
-30°	2949.8	2956.6	3003.6	3070.8	3084.2	3050.6	2970.0	2795.3	2593.7	2338.4	2029.3
-32.5°	3023.8	3050.6	3111.1	3144.7	3151.4	3084.2	2936.4	2748.3	2540.0	2277.9	1962.1
-35°	3111.1	3164.9	3198.5	3205.2	3171.6	3057.3	2889.4	2687.8	2459.3	2190.5	1901.6
-37.5°	3225.3	3252.2	3272.4	3245.5	3151.4	3017.0	2808.7	2607.1	2385.4	2096.5	1814.3
-40°	3299.2	3312.7	3319.4	3232.1	3117.8	2923.0	2721.4	2513.1	2257.7	1989.0	1720.2
-42.5°	3346.3	3332.8	3279.1	3185.0	3017.0	2828.9	2634.0	2398.8	2143.5	1881.4	1619.4
-45°	3332.8	3285.8	3205.2	3090.9	2916.2	2728.1	2499.6	2264.5	2022.6	1767.2	1505.2
-47.5°	3279.1	3205.2	3104.4	2970.0	2808.7	2580.3	2351.8	2123.3	1888.2	1639.5	1397.6
-50°	3211.9	3124.5	3003.6	2835.6	2620.6	2412.3	2204.0	1982.2	1740.3	1511.9	1296.9
-52.5°	3138.0	3043.9	2889.4	2701.2	2466.0	2251.0	2049.4	1834.4	1612.7	1397.6	1209.5
-55°	3057.3	2963.3	2788.6	2573.5	2338.4	2103.2	1908.3	1726.9	1511.9	1303.6	1135.6
-57.5°	3017.0	2896.1	2714.7	2499.6	2251.0	2009.1	1841.1	1646.3	1451.4	1236.4	1075.1
-60°	2983.4	2862.5	2694.5	2445.9	2210.7	1982.2	1787.4	1599.2	1390.9	1189.3	1028.1
-62.5°	2889.4	2761.7	2607.1	2365.2	2136.8	1928.5	1753.8	1532.0	1330.5	1142.3	994.5
-65°	2701.2	2566.8	2432.4	2217.4	2009.1	1814.3	1639.5	1438.0	1249.8	1088.6	960.9
-67.5°	2405.6	2291.3	2170.4	1989.0	1814.3	1639.5	1478.3	1303.6	1149.0	1034.8	967.6
-70°	2076.3	1955.4	1834.4	1686.6	1538.8	1397.6	1270.0	1142.3	1041.5	981.0	927.3
-72.5°	1511.9	1458.1	1397.6	1283.4	1162.5	1075.1	1014.6	960.9	887.0	833.2	799.6
-75°	1007.9	934.0	839.9	799.6	806.3	792.9	759.3	719.0	685.4	665.2	618.2
-77.5°	786.2	745.9	698.8	651.8	631.6	611.5	584.6	551.0	524.1	477.1	409.9
-80°	725.7	692.1	658.5	624.9	591.3	544.3	490.5	436.8	409.9	389.7	383.0
-82.5°	598.0	557.7	517.4	483.8	436.8	403.2	369.6	342.7	342.7	336.0	329.3
-85°	342.7	329.3	309.1	295.7	282.2	262.1	241.9	228.5	221.7	215.0	208.3
-87.5°	174.7	168.0	154.5	147.8	141.1	134.4	121.0	114.2	107.5	107.5	100.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA8D-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°	33.6	33.6	26.9	26.9	26.9	20.2	13.4	13.4	6.7	6.7	0.0
85°	80.6	67.2	60.5	53.8	53.8	40.3	26.9	20.2	13.4	6.7	6.7
82.5°	154.5	134.4	114.2	100.8	80.6	60.5	47.0	33.6	20.2	13.4	6.7
80°	174.7	174.7	168.0	141.1	114.2	87.4	60.5	40.3	26.9	20.2	13.4
77.5°	134.4	147.8	147.8	147.8	141.1	107.5	73.9	47.0	26.9	20.2	13.4
75°	154.5	134.4	127.7	134.4	127.7	107.5	87.4	53.8	33.6	26.9	13.4
72.5°	188.1	161.3	141.1	134.4	121.0	100.8	80.6	60.5	33.6	26.9	20.2
70°	174.7	168.0	154.5	141.1	121.0	100.8	80.6	60.5	40.3	26.9	20.2
67.5°	154.5	154.5	154.5	141.1	121.0	94.1	73.9	53.8	40.3	26.9	20.2
65°	107.5	127.7	141.1	134.4	121.0	94.1	73.9	53.8	40.3	33.6	20.2
62.5°	67.2	87.4	114.2	127.7	114.2	94.1	67.2	53.8	40.3	33.6	20.2
60°	60.5	67.2	80.6	100.8	107.5	87.4	67.2	47.0	40.3	33.6	20.2
57.5°	60.5	60.5	67.2	80.6	87.4	80.6	60.5	40.3	40.3	33.6	26.9
55°	67.2	60.5	60.5	67.2	73.9	73.9	60.5	40.3	40.3	33.6	26.9
52.5°	80.6	67.2	60.5	60.5	60.5	67.2	53.8	40.3	40.3	33.6	26.9
50°	100.8	80.6	73.9	60.5	60.5	60.5	53.8	40.3	33.6	33.6	26.9
47.5°	134.4	107.5	80.6	73.9	60.5	53.8	47.0	40.3	33.6	33.6	26.9
45°	201.6	127.7	107.5	80.6	67.2	60.5	53.8	40.3	33.6	33.6	26.9
42.5°	275.5	188.1	134.4	94.1	73.9	60.5	53.8	47.0	33.6	33.6	26.9
40°	349.4	255.3	168.0	121.0	87.4	67.2	53.8	47.0	40.3	33.6	26.9
37.5°	430.0	315.8	221.7	154.5	100.8	73.9	60.5	47.0	40.3	33.6	26.9
35°	530.8	396.4	275.5	188.1	121.0	87.4	67.2	47.0	40.3	33.6	26.9
32.5°	645.1	470.4	329.3	228.5	154.5	107.5	73.9	53.8	40.3	33.6	26.9
30°	752.6	557.7	389.7	275.5	188.1	121.0	80.6	53.8	40.3	33.6	20.2
27.5°	860.1	645.1	463.6	322.5	228.5	141.1	87.4	60.5	40.3	33.6	26.9
25°	967.6	732.4	537.6	369.6	262.1	168.0	107.5	67.2	40.3	33.6	26.9
22.5°	1061.7	819.8	604.8	423.3	302.4	194.9	121.0	73.9	47.0	33.6	26.9
20°	1169.2	913.8	678.7	483.8	336.0	221.7	134.4	80.6	47.0	33.6	26.9
17.5°	1270.0	1007.9	752.6	537.6	376.3	248.6	154.5	87.4	53.8	33.6	26.9
15°	1370.8	1095.3	819.8	591.3	416.6	275.5	168.0	94.1	60.5	33.6	26.9
12.5°	1464.8	1175.9	880.2	638.3	450.2	302.4	181.4	100.8	67.2	33.6	26.9
10°	1552.2	1249.8	940.7	678.7	483.8	322.5	194.9	114.2	73.9	33.6	26.9
7.5°	1639.5	1310.3	987.8	719.0	524.1	349.4	208.3	121.0	80.6	40.3	26.9
5°	1693.3	1364.0	1028.1	752.6	557.7	376.3	221.7	127.7	87.4	40.3	26.9
2.5°	1740.3	1404.4	1055.0	786.2	591.3	396.4	221.7	134.4	94.1	40.3	26.9
0°	1767.2	1431.2	1075.1	806.3	618.2	409.9	228.5	141.1	100.8	40.3	26.9
-2.5°	1827.7	1478.3	1122.1	833.2	645.1	450.2	241.9	147.8	107.5	47.0	26.9
-5°	1868.0	1505.2	1155.7	860.1	665.2	490.5	262.1	161.3	121.0	60.5	33.6
-7.5°	1901.6	1532.0	1182.6	873.5	685.4	504.0	268.8	168.0	127.7	67.2	33.6
-10°	1908.3	1545.5	1202.8	893.7	698.8	524.1	275.5	174.7	134.4	73.9	33.6
-12.5°	1915.0	1558.9	1209.5	907.1	712.3	537.6	282.2	181.4	141.1	80.6	33.6
-15°	1908.3	1552.2	1209.5	920.6	719.0	524.1	295.7	188.1	147.8	87.4	33.6
-17.5°	1894.9	1545.5	1202.8	913.8	712.3	510.7	302.4	201.6	147.8	94.1	40.3
-20°	1874.7	1525.3	1189.3	907.1	705.5	497.2	309.1	208.3	154.5	94.1	40.3



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CATALOG NUMBER: IFLD-L-SA8D-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°	1841.1	1491.7	1162.5	887.0	692.1	483.8	309.1	221.7	161.3	94.1	40.3
-25°	1800.8	1458.1	1135.6	860.1	671.9	463.6	309.1	228.5	168.0	94.1	40.3
-27.5°	1753.8	1424.5	1095.3	839.9	645.1	450.2	309.1	235.2	174.7	94.1	40.3
-30°	1700.0	1377.5	1061.7	806.3	624.9	450.2	315.8	241.9	181.4	94.1	40.3
-32.5°	1646.3	1330.5	1021.4	779.5	598.0	443.5	315.8	248.6	188.1	87.4	47.0
-35°	1585.8	1276.7	987.8	759.3	577.9	430.0	322.5	248.6	181.4	87.4	47.0
-37.5°	1511.9	1209.5	954.2	739.1	564.4	416.6	322.5	255.3	174.7	87.4	47.0
-40°	1431.2	1155.7	913.8	712.3	544.3	409.9	322.5	255.3	168.0	87.4	53.8
-42.5°	1343.9	1095.3	873.5	685.4	524.1	403.2	322.5	255.3	161.3	87.4	53.8
-45°	1263.3	1034.8	826.5	651.8	504.0	403.2	322.5	248.6	147.8	94.1	53.8
-47.5°	1175.9	967.6	772.7	618.2	497.2	396.4	315.8	235.2	134.4	94.1	53.8
-50°	1102.0	900.4	732.4	584.6	483.8	403.2	322.5	215.0	134.4	94.1	53.8
-52.5°	1028.1	853.4	685.4	571.2	470.4	409.9	315.8	201.6	134.4	94.1	53.8
-55°	967.6	806.3	658.5	551.0	483.8	423.3	302.4	181.4	134.4	94.1	53.8
-57.5°	920.6	779.5	638.3	557.7	504.0	409.9	282.2	174.7	134.4	87.4	53.8
-60°	887.0	752.6	645.1	584.6	510.7	389.7	268.8	174.7	134.4	87.4	47.0
-62.5°	860.1	759.3	678.7	604.8	483.8	362.9	255.3	174.7	121.0	80.6	47.0
-65°	866.8	786.2	692.1	577.9	463.6	336.0	235.2	168.0	114.2	73.9	47.0
-67.5°	887.0	766.0	651.8	544.3	416.6	302.4	215.0	154.5	107.5	73.9	47.0
-70°	819.8	705.5	591.3	463.6	356.1	262.1	201.6	141.1	94.1	67.2	47.0
-72.5°	739.1	591.3	470.4	376.3	302.4	241.9	181.4	127.7	87.4	60.5	40.3
-75°	537.6	430.0	349.4	315.8	268.8	215.0	161.3	114.2	80.6	60.5	40.3
-77.5°	383.0	356.1	322.5	288.9	241.9	188.1	141.1	107.5	73.9	53.8	33.6
-80°	376.3	342.7	302.4	248.6	201.6	161.3	121.0	94.1	67.2	47.0	26.9
-82.5°	315.8	268.8	228.5	188.1	154.5	127.7	100.8	73.9	53.8	33.6	20.2
-85°	194.9	168.0	147.8	127.7	107.5	87.4	67.2	47.0	33.6	20.2	13.4
-87.5°	94.1	87.4	73.9	60.5	53.8	40.3	33.6	26.9	20.2	13.4	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA8D-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°	6.7	0.0	0.0	0.0
80°	6.7	0.0	0.0	0.0
77.5°	6.7	0.0	0.0	0.0
75°	6.7	6.7	0.0	0.0
72.5°	6.7	6.7	0.0	0.0
70°	13.4	6.7	6.7	0.0
67.5°	13.4	6.7	6.7	0.0
65°	13.4	6.7	6.7	0.0
62.5°	13.4	6.7	6.7	0.0
60°	13.4	6.7	6.7	0.0
57.5°	13.4	6.7	6.7	0.0
55°	13.4	6.7	6.7	0.0
52.5°	13.4	6.7	6.7	0.0
50°	13.4	6.7	6.7	0.0
47.5°	13.4	13.4	6.7	0.0
45°	13.4	13.4	6.7	0.0
42.5°	13.4	13.4	6.7	0.0
40°	13.4	13.4	6.7	0.0
37.5°	13.4	13.4	6.7	0.0
35°	13.4	13.4	6.7	0.0
32.5°	20.2	13.4	6.7	0.0
30°	20.2	13.4	13.4	0.0
27.5°	20.2	13.4	13.4	0.0
25°	20.2	13.4	13.4	0.0
22.5°	20.2	13.4	13.4	0.0
20°	20.2	13.4	13.4	0.0
17.5°	20.2	13.4	13.4	0.0
15°	20.2	13.4	13.4	0.0
12.5°	20.2	13.4	13.4	0.0
10°	20.2	13.4	13.4	0.0
7.5°	20.2	13.4	13.4	0.0
5°	20.2	13.4	13.4	0.0
2.5°	20.2	13.4	13.4	0.0
0°	20.2	13.4	13.4	0.0
-2.5°	20.2	13.4	13.4	0.0
-5°	20.2	13.4	13.4	0.0
-7.5°	20.2	13.4	13.4	0.0
-10°	20.2	13.4	13.4	0.0
-12.5°	26.9	13.4	13.4	0.0
-15°	26.9	13.4	13.4	0.0
-17.5°	26.9	13.4	13.4	0.0
-20°	26.9	13.4	13.4	0.0

REPORT NUMBER: P723719

CATALOG NUMBER: IFLD-L-SA8D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	26.9	13.4	13.4	0.0
-25°	26.9	13.4	13.4	0.0
-27.5°	26.9	13.4	13.4	0.0
-30°	26.9	13.4	13.4	0.0
-32.5°	26.9	13.4	13.4	0.0
-35°	26.9	13.4	13.4	0.0
-37.5°	26.9	13.4	13.4	0.0
-40°	26.9	13.4	13.4	0.0
-42.5°	20.2	13.4	6.7	0.0
-45°	26.9	13.4	6.7	0.0
-47.5°	26.9	13.4	6.7	0.0
-50°	26.9	13.4	6.7	0.0
-52.5°	26.9	13.4	6.7	0.0
-55°	26.9	13.4	6.7	0.0
-57.5°	26.9	13.4	6.7	0.0
-60°	26.9	13.4	6.7	0.0
-62.5°	26.9	13.4	6.7	0.0
-65°	26.9	13.4	6.7	0.0
-67.5°	26.9	13.4	6.7	0.0
-70°	26.9	6.7	6.7	0.0
-72.5°	20.2	6.7	6.7	0.0
-75°	20.2	6.7	6.7	0.0
-77.5°	13.4	6.7	0.0	0.0
-80°	13.4	6.7	0.0	0.0
-82.5°	13.4	6.7	0.0	0.0
-85°	6.7	0.0	0.0	0.0
-87.5°	6.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)