

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: P723747

Luminaire Tested: **IFLD-L-SA8C-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723747
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	26820.9 lumens	Max Intensity:	631002.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.8 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:	9726.4 lumens	Field Lumens:	15505.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

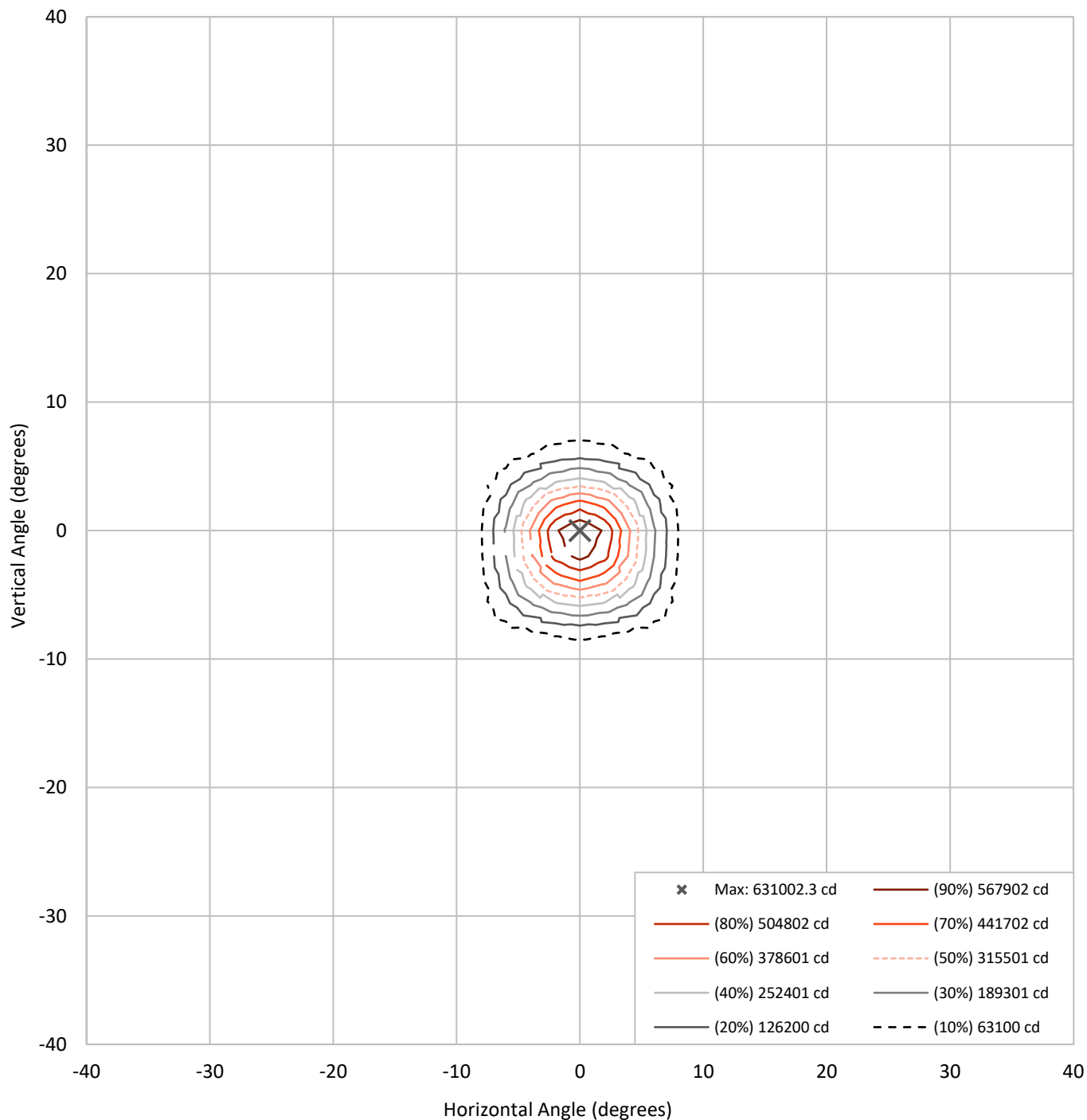
Input Watts (W): 420.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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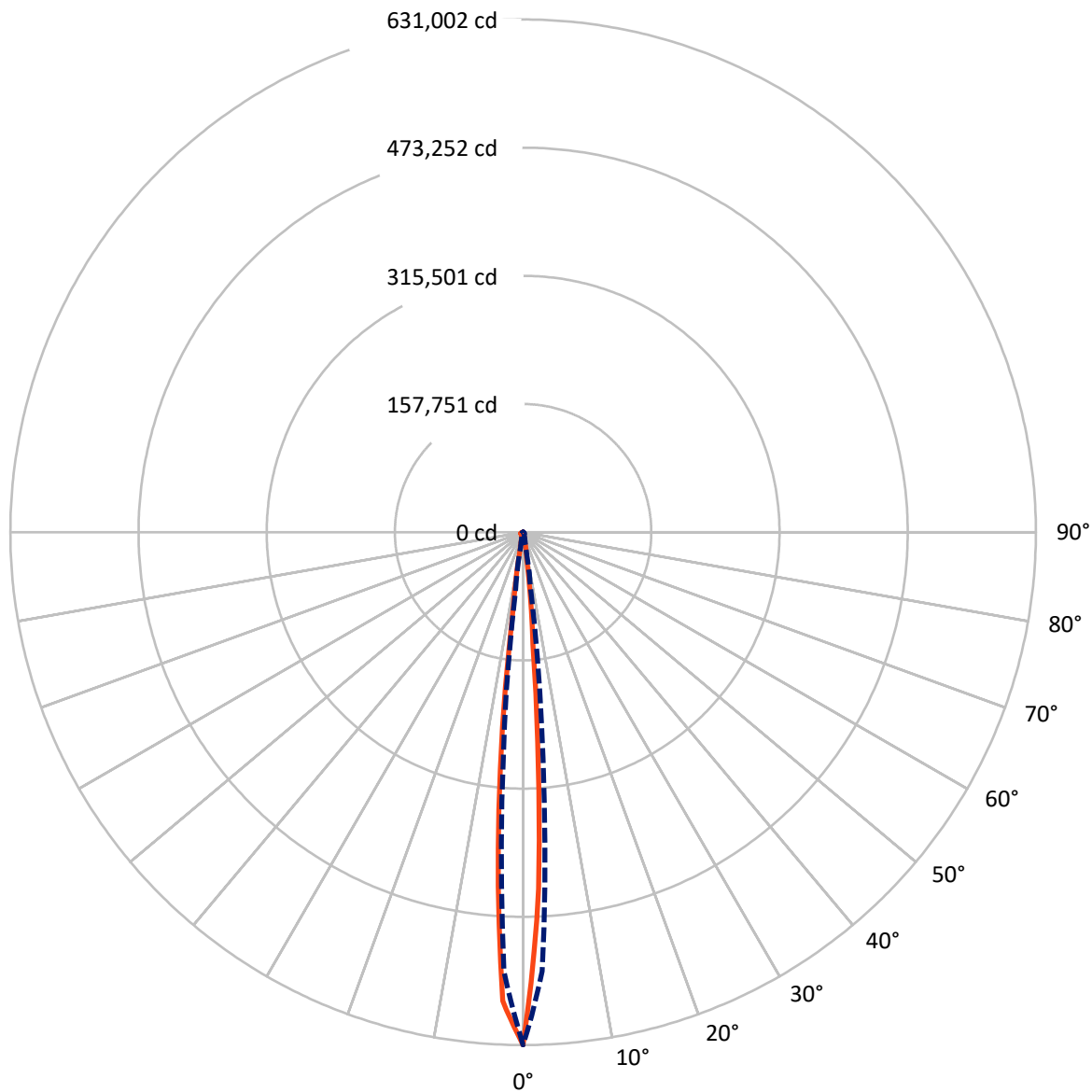
Lumen Table

90																		
80	0.5		6.0		6.5		2.5		0.7		2.5		6.5		6.0		0.5	
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	6.9	11.3	14.5	16.6	16.6	14.5	11.3	6.9	3.1	1.2	0.8		
40	0.7		0.9	3.7	12.2	24.1	35.2	42.3	46.9	46.9	42.3	35.2	24.1	12.2	3.7	0.9	0.7	
30			1.8	9.3	25.1	40.8	47.9	51.7	53.5	53.5	51.7	47.9	40.8	25.1	9.3	1.8		
20	1.1		3.5	15.9	36.5	47.3	48.7	57.4	69.1	69.1	57.4	48.7	47.3	36.5	15.9	3.5	1.1	
10			5.5	22.3	44.9	50.4	56.8	99.9	170.2	170.2	99.9	56.8	50.4	44.9	22.3	5.5		
0	1.8		7.1	27.4	49.3	52.3	70.2	190.0	3520.9	3520.9	190.0	70.2	52.3	49.3	27.4	7.1	1.8	
-10			8.3	29.9	51.8	54.2	72.5	204.7	5133.8	5133.8	204.7	72.5	54.2	51.8	29.9	8.3		
-20	2.6		8.9	30.7	54.5	58.6	65.4	119.0	228.4	228.4	119.0	65.4	58.6	54.5	30.7	8.9	2.6	
-30			8.3	29.2	55.2	65.8	65.9	77.1	94.0	94.0	77.1	65.9	65.8	55.2	29.2	8.3		
-40	2.8		7.4	25.8	52.8	72.4	78.9	82.1	82.8	82.8	82.1	78.9	72.4	52.8	25.8	7.4	2.8	
-50			6.5	20.8	44.8	69.8	84.9	95.2	99.8	99.8	95.2	84.9	69.8	44.8	20.8	6.5		
-60	2.2		5.9	16.0	34.7	59.5	80.0	92.9	98.3	98.3	92.9	80.0	59.5	34.7	16.0	5.9	2.2	
-70			5.5	14.1	28.3	49.7	69.9	84.6	91.4	91.4	84.6	69.9	49.7	28.3	14.1	5.5		
-80	1.0		16.6		49.4		91.5		101.0		91.5		49.4		16.6		1.0	
-90																		
Horizontal Angle (degrees)																		
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



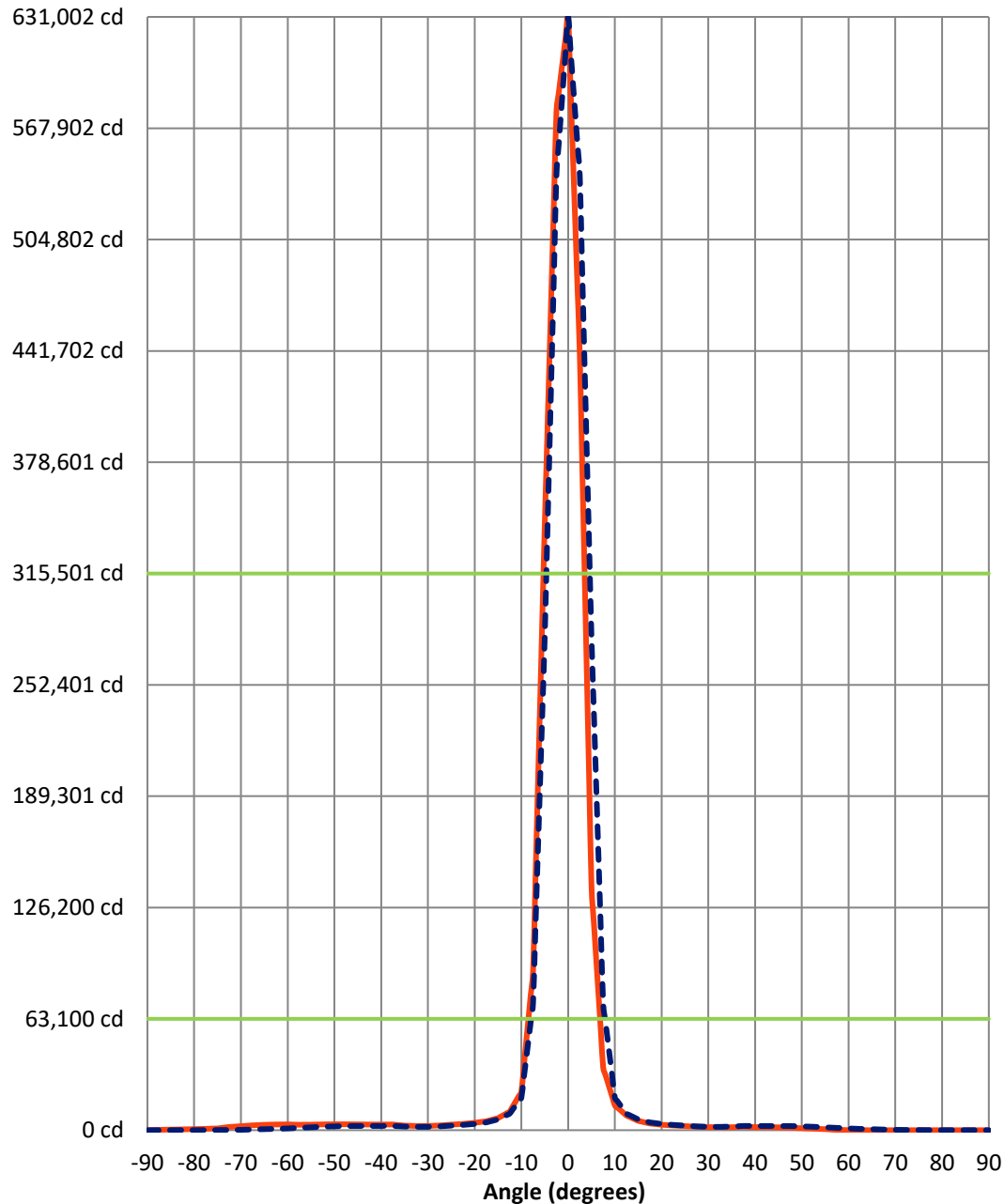
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°
V Angle: 8.8°
Lumens: 9726.4
Efficiency: 36.3%

Field:

H Angle: 15.8°
V Angle: 15.3°
Lumens: 15505.7
Efficiency: 57.8%

Spill:

Lumens: 11315.2
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	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	0.0	6.2	6.2	12.4	12.4	12.4	18.6	24.8	31.0	31.0	37.1
82.5°	0.0	6.2	6.2	12.4	12.4	18.6	18.6	31.0	37.1	43.3	55.7
80°	6.2	6.2	6.2	12.4	12.4	18.6	18.6	24.8	31.0	43.3	49.5
77.5°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	18.6	24.8	31.0	37.1
75°	0.0	6.2	6.2	6.2	12.4	12.4	12.4	12.4	18.6	18.6	24.8
72.5°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	12.4	18.6	18.6	18.6
70°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	12.4	18.6	18.6	18.6
67.5°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	12.4	18.6	18.6	18.6
65°	0.0	0.0	0.0	6.2	6.2	12.4	12.4	18.6	18.6	18.6	18.6
62.5°	6.2	6.2	6.2	12.4	18.6	18.6	24.8	31.0	31.0	31.0	31.0
60°	61.9	68.1	74.3	74.3	68.1	68.1	74.3	74.3	74.3	74.3	74.3
57.5°	167.2	179.6	185.7	185.7	185.7	179.6	204.3	210.5	185.7	173.4	191.9
55°	582.0	600.6	588.2	569.6	532.5	489.1	476.7	470.6	476.7	445.8	396.3
52.5°	848.2	866.8	860.6	848.2	823.5	792.5	767.7	743.0	718.2	668.7	613.0
50°	1102.1	1108.3	1102.1	1089.7	1064.9	1034.0	984.5	928.7	879.2	866.8	817.3
47.5°	1386.9	1405.5	1405.5	1399.3	1380.7	1325.0	1250.7	1170.2	1133.0	1120.7	1071.1
45°	1640.8	1653.1	1659.3	1665.5	1659.3	1603.6	1535.5	1492.2	1411.7	1386.9	1386.9
42.5°	1708.9	1715.1	1721.2	1727.4	1746.0	1702.7	1646.9	1572.6	1554.1	1547.9	1535.5
40°	1733.6	1721.2	1727.4	1733.6	1739.8	1708.9	1665.5	1622.2	1609.8	1597.4	1597.4
37.5°	1968.9	1913.2	1869.8	1832.7	1801.7	1770.8	1727.4	1690.3	1659.3	1634.6	1659.3
35°	1677.9	1677.9	1721.2	1758.4	1795.5	1832.7	1838.9	1795.5	1727.4	1696.5	1739.8
32.5°	1715.1	1715.1	1715.1	1727.4	1739.8	1770.8	1801.7	1820.3	1869.8	1814.1	1814.1
30°	1752.2	1758.4	1770.8	1777.0	1758.4	1746.0	1733.6	1733.6	1764.6	1845.1	1888.4
27.5°	1968.9	1968.9	1950.3	1925.6	1869.8	1783.2	1739.8	1677.9	1684.1	1721.2	1826.5
25°	2321.8	2309.4	2266.1	2204.2	2105.1	1981.3	1863.6	1733.6	1677.9	1659.3	1702.7
22.5°	2656.2	2637.6	2581.9	2526.1	2445.6	2321.8	2123.7	1925.6	1752.2	1677.9	1659.3
20°	3083.4	3040.0	2978.1	2891.4	2761.4	2637.6	2464.2	2204.2	1950.3	1758.4	1684.1
17.5°	3770.6	3714.9	3597.3	3442.5	3219.6	3027.7	2780.0	2532.3	2247.5	1937.9	1770.8
15°	5275.2	5132.8	4928.4	4501.2	4061.6	3696.3	3324.8	2910.0	2619.0	2210.4	1956.5
12.5°	8296.6	7906.6	7312.2	6315.3	5330.9	4482.7	3882.1	3349.6	2879.1	2501.4	2142.3
10°	14042.4	13206.5	11565.8	8841.5	7027.4	5467.1	4389.8	3677.8	3083.4	2693.3	2297.1
7.5°	35514.5	28970.1	20500.1	13999.0	9194.4	6680.6	5021.3	3987.3	3300.1	2817.1	2420.9
5°	138417.6	114023.0	60825.5	25385.2	13831.8	8079.9	5590.9	4235.0	3442.5	2910.0	2513.8
2.5°	439294.3	379360.4	199032.5	54646.3	16983.3	9101.5	5981.0	4389.8	3523.0	2978.1	2581.9
0°	631002.3	540791.9	279330.3	71871.1	18419.8	9361.6	6104.8	4420.7	3535.4	2990.5	2581.9
-2.5°	577259.9	505215.4	269832.5	66880.8	18822.2	9435.9	6203.9	4526.0	3628.2	3046.2	2600.4
-5°	343003.9	300864.4	188228.3	47687.1	16723.3	8761.0	5943.9	4433.1	3566.3	3015.3	2588.1
-7.5°	90371.4	78236.0	51463.9	24883.7	10822.8	7411.2	5460.9	4278.3	3485.8	2959.5	2538.5
-10°	21787.9	20648.7	18444.5	11305.7	8426.7	6191.5	4841.8	3999.7	3324.8	2885.2	2458.0
-12.5°	10507.0	10259.3	9312.0	7677.5	6253.4	5145.2	4383.6	3708.7	3176.2	2755.2	2346.6
-15°	6835.4	6693.0	6371.1	5745.7	5021.3	4488.8	3956.4	3411.5	2990.5	2563.3	2253.7
-17.5°	5058.5	5052.3	4891.3	4656.0	4296.9	3900.7	3510.6	3163.9	2755.2	2389.9	2154.6
-20°	4191.7	4191.7	4098.8	3944.0	3690.1	3430.1	3170.1	2848.1	2513.8	2241.3	2142.3

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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°	3560.1	3566.3	3516.8	3417.7	3281.5	3064.8	2810.9	2550.9	2309.4	2210.4	2179.4
-25°	3151.5	3139.1	3083.4	2990.5	2848.1	2674.7	2507.6	2334.2	2266.1	2241.3	2284.7
-27.5°	2668.5	2687.1	2662.4	2619.0	2526.1	2402.3	2365.2	2315.6	2328.0	2365.2	2532.3
-30°	2383.7	2402.3	2427.1	2445.6	2414.7	2383.7	2396.1	2433.3	2513.8	2656.2	2718.1
-32.5°	2383.7	2389.9	2427.1	2464.2	2482.8	2507.6	2575.7	2699.5	2817.1	2780.0	2767.6
-35°	2600.4	2581.9	2631.4	2680.9	2749.0	2835.7	2910.0	2885.2	2841.9	2829.5	2841.9
-37.5°	3219.6	3102.0	3052.4	3021.5	3002.9	2990.5	2971.9	2953.4	2934.8	2922.4	2941.0
-40°	3213.4	3182.4	3151.5	3126.7	3108.1	3083.4	3071.0	3064.8	3046.2	3033.8	3021.5
-42.5°	3201.0	3213.4	3213.4	3207.2	3213.4	3207.2	3188.6	3163.9	3132.9	3108.1	3083.4
-45°	3293.9	3300.1	3312.5	3324.8	3343.4	3318.7	3281.5	3238.2	3194.8	3157.7	3126.7
-47.5°	3349.6	3355.8	3368.2	3386.8	3399.1	3374.4	3324.8	3269.1	3201.0	3139.1	3077.2
-50°	3368.2	3386.8	3393.0	3393.0	3386.8	3355.8	3281.5	3201.0	3126.7	3064.8	3009.1
-52.5°	3281.5	3300.1	3306.3	3293.9	3287.7	3256.7	3188.6	3114.3	3033.8	2990.5	2941.0
-55°	3139.1	3163.9	3182.4	3182.4	3182.4	3176.2	3114.3	3046.2	2984.3	2934.8	2885.2
-57.5°	3083.4	3126.7	3163.9	3170.1	3176.2	3182.4	3139.1	3071.0	2996.7	2922.4	2860.5
-60°	3287.7	3324.8	3343.4	3318.7	3300.1	3281.5	3213.4	3132.9	3058.6	2984.3	2866.7
-62.5°	3232.0	3293.9	3324.8	3306.3	3281.5	3250.5	3176.2	3083.4	2996.7	2916.2	2798.6
-65°	3052.4	3108.1	3145.3	3114.3	3077.2	3033.8	2965.7	2879.1	2798.6	2718.1	2612.8
-67.5°	2749.0	2829.5	2891.4	2823.3	2773.8	2718.1	2662.4	2588.1	2507.6	2414.7	2315.6
-70°	2272.3	2334.2	2389.9	2371.4	2359.0	2346.6	2309.4	2235.1	2167.0	2092.7	2006.1
-72.5°	1826.5	1882.2	1931.8	1900.8	1876.0	1838.9	1783.2	1702.7	1622.2	1541.7	1461.2
-75°	1009.2	1027.8	1046.4	1040.2	1040.2	1040.2	1040.2	1046.4	1034.0	1015.4	978.3
-77.5°	773.9	798.7	817.3	829.7	848.2	873.0	891.6	860.6	829.7	798.7	761.6
-80°	606.8	631.5	650.1	718.2	767.7	823.5	860.6	817.3	773.9	736.8	705.8
-82.5°	458.2	476.7	495.3	532.5	557.2	588.2	613.0	613.0	606.8	600.6	582.0
-85°	334.3	359.1	383.9	396.3	414.8	414.8	421.0	396.3	371.5	352.9	328.2
-87.5°	191.9	198.1	198.1	198.1	204.3	204.3	204.3	191.9	185.7	173.4	167.2
-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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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°	6.2	6.2	6.2	12.4	12.4	18.6	18.6	24.8	24.8	31.0	31.0
85°	37.1	37.1	37.1	43.3	43.3	49.5	55.7	61.9	68.1	68.1	74.3
82.5°	61.9	68.1	74.3	80.5	86.7	92.9	99.1	105.3	123.8	136.2	142.4
80°	61.9	68.1	86.7	99.1	111.4	123.8	123.8	123.8	123.8	130.0	142.4
77.5°	43.3	49.5	55.7	68.1	99.1	123.8	142.4	154.8	142.4	136.2	123.8
75°	24.8	31.0	37.1	43.3	61.9	86.7	117.6	148.6	173.4	167.2	154.8
72.5°	24.8	24.8	31.0	37.1	43.3	49.5	55.7	86.7	123.8	154.8	173.4
70°	24.8	31.0	31.0	37.1	43.3	49.5	55.7	68.1	86.7	123.8	161.0
67.5°	24.8	31.0	31.0	43.3	55.7	61.9	68.1	61.9	55.7	80.5	117.6
65°	24.8	24.8	31.0	37.1	43.3	49.5	68.1	68.1	61.9	61.9	61.9
62.5°	37.1	37.1	37.1	37.1	43.3	43.3	43.3	55.7	55.7	55.7	55.7
60°	74.3	68.1	68.1	68.1	68.1	55.7	55.7	55.7	49.5	55.7	49.5
57.5°	179.6	148.6	136.2	136.2	117.6	111.4	92.9	68.1	68.1	55.7	55.7
55°	365.3	346.7	291.0	241.5	216.7	191.9	148.6	123.8	92.9	74.3	68.1
52.5°	563.4	513.9	464.4	402.4	340.5	291.0	247.7	191.9	154.8	111.4	86.7
50°	736.8	693.4	637.7	569.6	489.1	427.2	365.3	291.0	229.1	173.4	123.8
47.5°	1003.0	916.3	848.2	767.7	674.9	588.2	507.7	421.0	322.0	253.9	191.9
45°	1287.8	1164.0	1071.1	996.8	873.0	755.4	662.5	569.6	452.0	334.3	260.0
42.5°	1486.0	1393.1	1269.3	1170.2	1058.7	934.9	811.1	712.0	588.2	452.0	334.3
40°	1591.2	1529.3	1430.2	1343.6	1225.9	1089.7	959.7	860.6	730.6	582.0	421.0
37.5°	1671.7	1640.8	1591.2	1523.1	1411.7	1250.7	1120.7	1003.0	891.6	718.2	544.9
35°	1764.6	1758.4	1727.4	1696.5	1603.6	1448.8	1294.0	1157.8	1021.6	860.6	668.7
32.5°	1851.3	1845.1	1826.5	1814.1	1777.0	1640.8	1473.6	1318.8	1164.0	996.8	786.3
30°	1894.6	1882.2	1882.2	1894.6	1857.5	1770.8	1646.9	1479.8	1306.4	1108.3	910.2
27.5°	1894.6	1882.2	1888.4	1907.0	1900.8	1857.5	1764.6	1628.4	1436.4	1213.5	1021.6
25°	1814.1	1876.0	1876.0	1900.8	1907.0	1894.6	1845.1	1758.4	1560.3	1325.0	1108.3
22.5°	1702.7	1851.3	1907.0	1900.8	1907.0	1937.9	1944.1	1863.6	1677.9	1436.4	1195.0
20°	1702.7	1807.9	1968.9	1925.6	1937.9	2006.1	2037.0	1968.9	1801.7	1541.7	1281.6
17.5°	1739.8	1807.9	1944.1	2012.2	2030.8	2086.5	2136.1	2092.7	1913.2	1653.1	1399.3
15°	1845.1	1832.7	1925.6	2092.7	2123.7	2167.0	2222.8	2173.2	2012.2	1777.0	1510.7
12.5°	1919.4	1851.3	1925.6	2105.1	2204.2	2247.5	2266.1	2228.9	2098.9	1888.4	1622.2
10°	2018.4	1900.8	1937.9	2092.7	2235.1	2266.1	2284.7	2272.3	2179.4	1981.3	1721.2
7.5°	2092.7	1925.6	1925.6	2074.2	2266.1	2290.9	2303.2	2315.6	2247.5	2061.8	1807.9
5°	2123.7	1925.6	1913.2	2055.6	2297.1	2321.8	2321.8	2340.4	2297.1	2123.7	1869.8
2.5°	2129.9	1919.4	1900.8	2043.2	2352.8	2352.8	2340.4	2359.0	2334.2	2160.8	1913.2
0°	2160.8	1913.2	1894.6	2061.8	2414.7	2389.9	2359.0	2365.2	2352.8	2179.4	1937.9
-2.5°	2160.8	1944.1	1919.4	2074.2	2408.5	2402.3	2389.9	2396.1	2383.7	2235.1	1987.5
-5°	2191.8	1987.5	1962.7	2129.9	2402.3	2420.9	2427.1	2427.1	2408.5	2272.3	2018.4
-7.5°	2198.0	2018.4	2012.2	2185.6	2414.7	2445.6	2464.2	2476.6	2439.5	2297.1	2043.2
-10°	2167.0	2030.8	2061.8	2253.7	2427.1	2470.4	2507.6	2526.1	2464.2	2309.4	2055.6
-12.5°	2098.9	2030.8	2111.3	2340.4	2458.0	2507.6	2563.3	2569.5	2489.0	2315.6	2061.8
-15°	2092.7	2080.3	2198.0	2427.1	2476.6	2538.5	2625.2	2606.6	2507.6	2315.6	2061.8
-17.5°	2086.5	2148.5	2328.0	2458.0	2507.6	2575.7	2643.8	2625.2	2519.9	2315.6	2049.4
-20°	2142.3	2259.9	2482.8	2489.0	2544.7	2619.0	2656.2	2619.0	2501.4	2297.1	2030.8

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CATALOG NUMBER: IFLD-L-SA8C-740-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°	2235.1	2458.0	2532.3	2557.1	2606.6	2662.4	2680.9	2625.2	2482.8	2266.1	1999.9
-25°	2470.4	2581.9	2581.9	2637.6	2687.1	2711.9	2693.3	2631.4	2458.0	2235.1	1968.9
-27.5°	2650.0	2643.8	2674.7	2730.5	2773.8	2773.8	2724.3	2600.4	2420.9	2204.2	1925.6
-30°	2718.1	2724.3	2767.6	2829.5	2841.9	2810.9	2736.7	2575.7	2389.9	2154.6	1869.8
-32.5°	2786.2	2810.9	2866.7	2897.6	2903.8	2841.9	2705.7	2532.3	2340.4	2098.9	1807.9
-35°	2866.7	2916.2	2947.2	2953.4	2922.4	2817.1	2662.4	2476.6	2266.1	2018.4	1752.2
-37.5°	2971.9	2996.7	3015.3	2990.5	2903.8	2780.0	2588.1	2402.3	2198.0	1931.8	1671.7
-40°	3040.0	3052.4	3058.6	2978.1	2872.9	2693.3	2507.6	2315.6	2080.3	1832.7	1585.0
-42.5°	3083.4	3071.0	3021.5	2934.8	2780.0	2606.6	2427.1	2210.4	1975.1	1733.6	1492.2
-45°	3071.0	3027.7	2953.4	2848.1	2687.1	2513.8	2303.2	2086.5	1863.6	1628.4	1386.9
-47.5°	3021.5	2953.4	2860.5	2736.7	2588.1	2377.5	2167.0	1956.5	1739.8	1510.7	1287.8
-50°	2959.5	2879.1	2767.6	2612.8	2414.7	2222.8	2030.8	1826.5	1603.6	1393.1	1195.0
-52.5°	2891.4	2804.8	2662.4	2489.0	2272.3	2074.2	1888.4	1690.3	1486.0	1287.8	1114.5
-55°	2817.1	2730.5	2569.5	2371.4	2154.6	1937.9	1758.4	1591.2	1393.1	1201.2	1046.4
-57.5°	2780.0	2668.5	2501.4	2303.2	2074.2	1851.3	1696.5	1516.9	1337.4	1139.2	990.6
-60°	2749.0	2637.6	2482.8	2253.7	2037.0	1826.5	1646.9	1473.6	1281.6	1095.9	947.3
-62.5°	2662.4	2544.7	2402.3	2179.4	1968.9	1777.0	1616.0	1411.7	1225.9	1052.6	916.3
-65°	2489.0	2365.2	2241.3	2043.2	1851.3	1671.7	1510.7	1325.0	1151.6	1003.0	885.4
-67.5°	2216.6	2111.3	1999.9	1832.7	1671.7	1510.7	1362.1	1201.2	1058.7	953.5	891.6
-70°	1913.2	1801.7	1690.3	1554.1	1417.9	1287.8	1170.2	1052.6	959.7	904.0	854.4
-72.5°	1393.1	1343.6	1287.8	1182.6	1071.1	990.6	934.9	885.4	817.3	767.7	736.8
-75°	928.7	860.6	773.9	736.8	743.0	730.6	699.6	662.5	631.5	613.0	569.6
-77.5°	724.4	687.3	643.9	600.6	582.0	563.4	538.7	507.7	482.9	439.6	377.7
-80°	668.7	637.7	606.8	575.8	544.9	501.5	452.0	402.4	377.7	359.1	352.9
-82.5°	551.0	513.9	476.7	445.8	402.4	371.5	340.5	315.8	315.8	309.6	303.4
-85°	315.8	303.4	284.8	272.4	260.0	241.5	222.9	210.5	204.3	198.1	191.9
-87.5°	161.0	154.8	142.4	136.2	130.0	123.8	111.4	105.3	99.1	99.1	92.9
-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-SA8C-740-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°	31.0	31.0	24.8	24.8	24.8	18.6	12.4	12.4	6.2	6.2	0.0
85°	74.3	61.9	55.7	49.5	49.5	37.1	24.8	18.6	12.4	6.2	6.2
82.5°	142.4	123.8	105.3	92.9	74.3	55.7	43.3	31.0	18.6	12.4	6.2
80°	161.0	161.0	154.8	130.0	105.3	80.5	55.7	37.1	24.8	18.6	12.4
77.5°	123.8	136.2	136.2	136.2	130.0	99.1	68.1	43.3	24.8	18.6	12.4
75°	142.4	123.8	117.6	123.8	117.6	99.1	80.5	49.5	31.0	24.8	12.4
72.5°	173.4	148.6	130.0	123.8	111.4	92.9	74.3	55.7	31.0	24.8	18.6
70°	161.0	154.8	142.4	130.0	111.4	92.9	74.3	55.7	37.1	24.8	18.6
67.5°	142.4	142.4	142.4	130.0	111.4	86.7	68.1	49.5	37.1	24.8	18.6
65°	99.1	117.6	130.0	123.8	111.4	86.7	68.1	49.5	37.1	31.0	18.6
62.5°	61.9	80.5	105.3	117.6	105.3	86.7	61.9	49.5	37.1	31.0	18.6
60°	55.7	61.9	74.3	92.9	99.1	80.5	61.9	43.3	37.1	31.0	18.6
57.5°	55.7	55.7	61.9	74.3	80.5	74.3	55.7	37.1	37.1	31.0	24.8
55°	61.9	55.7	55.7	61.9	68.1	68.1	55.7	37.1	37.1	31.0	24.8
52.5°	74.3	61.9	55.7	55.7	55.7	61.9	49.5	37.1	37.1	31.0	24.8
50°	92.9	74.3	68.1	55.7	55.7	55.7	49.5	37.1	31.0	31.0	24.8
47.5°	123.8	99.1	74.3	68.1	55.7	49.5	43.3	37.1	31.0	31.0	24.8
45°	185.7	117.6	99.1	74.3	61.9	55.7	49.5	37.1	31.0	31.0	24.8
42.5°	253.9	173.4	123.8	86.7	68.1	55.7	49.5	43.3	31.0	31.0	24.8
40°	322.0	235.3	154.8	111.4	80.5	61.9	49.5	43.3	37.1	31.0	24.8
37.5°	396.3	291.0	204.3	142.4	92.9	68.1	55.7	43.3	37.1	31.0	24.8
35°	489.1	365.3	253.9	173.4	111.4	80.5	61.9	43.3	37.1	31.0	24.8
32.5°	594.4	433.4	303.4	210.5	142.4	99.1	68.1	49.5	37.1	31.0	24.8
30°	693.4	513.9	359.1	253.9	173.4	111.4	74.3	49.5	37.1	31.0	18.6
27.5°	792.5	594.4	427.2	297.2	210.5	130.0	80.5	55.7	37.1	31.0	24.8
25°	891.6	674.9	495.3	340.5	241.5	154.8	99.1	61.9	37.1	31.0	24.8
22.5°	978.3	755.4	557.2	390.1	278.6	179.6	111.4	68.1	43.3	31.0	24.8
20°	1077.3	842.0	625.3	445.8	309.6	204.3	123.8	74.3	43.3	31.0	24.8
17.5°	1170.2	928.7	693.4	495.3	346.7	229.1	142.4	80.5	49.5	31.0	24.8
15°	1263.1	1009.2	755.4	544.9	383.9	253.9	154.8	86.7	55.7	31.0	24.8
12.5°	1349.8	1083.5	811.1	588.2	414.8	278.6	167.2	92.9	61.9	31.0	24.8
10°	1430.2	1151.6	866.8	625.3	445.8	297.2	179.6	105.3	68.1	31.0	24.8
7.5°	1510.7	1207.3	910.2	662.5	482.9	322.0	191.9	111.4	74.3	37.1	24.8
5°	1560.3	1256.9	947.3	693.4	513.9	346.7	204.3	117.6	80.5	37.1	24.8
2.5°	1603.6	1294.0	972.1	724.4	544.9	365.3	204.3	123.8	86.7	37.1	24.8
0°	1628.4	1318.8	990.6	743.0	569.6	377.7	210.5	130.0	92.9	37.1	24.8
-2.5°	1684.1	1362.1	1034.0	767.7	594.4	414.8	222.9	136.2	99.1	43.3	24.8
-5°	1721.2	1386.9	1064.9	792.5	613.0	452.0	241.5	148.6	111.4	55.7	31.0
-7.5°	1752.2	1411.7	1089.7	804.9	631.5	464.4	247.7	154.8	117.6	61.9	31.0
-10°	1758.4	1424.0	1108.3	823.5	643.9	482.9	253.9	161.0	123.8	68.1	31.0
-12.5°	1764.6	1436.4	1114.5	835.9	656.3	495.3	260.0	167.2	130.0	74.3	31.0
-15°	1758.4	1430.2	1114.5	848.2	662.5	482.9	272.4	173.4	136.2	80.5	31.0
-17.5°	1746.0	1424.0	1108.3	842.0	656.3	470.6	278.6	185.7	136.2	86.7	37.1
-20°	1727.4	1405.5	1095.9	835.9	650.1	458.2	284.8	191.9	142.4	86.7	37.1



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CATALOG NUMBER: IFLD-L-SA8C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1696.5	1374.5	1071.1	817.3	637.7	445.8	284.8	204.3	148.6	86.7	37.1
-25°	1659.3	1343.6	1046.4	792.5	619.2	427.2	284.8	210.5	154.8	86.7	37.1
-27.5°	1616.0	1312.6	1009.2	773.9	594.4	414.8	284.8	216.7	161.0	86.7	37.1
-30°	1566.5	1269.3	978.3	743.0	575.8	414.8	291.0	222.9	167.2	86.7	37.1
-32.5°	1516.9	1225.9	941.1	718.2	551.0	408.6	291.0	229.1	173.4	80.5	43.3
-35°	1461.2	1176.4	910.2	699.6	532.5	396.3	297.2	229.1	167.2	80.5	43.3
-37.5°	1393.1	1114.5	879.2	681.1	520.1	383.9	297.2	235.3	161.0	80.5	43.3
-40°	1318.8	1064.9	842.0	656.3	501.5	377.7	297.2	235.3	154.8	80.5	49.5
-42.5°	1238.3	1009.2	804.9	631.5	482.9	371.5	297.2	235.3	148.6	80.5	49.5
-45°	1164.0	953.5	761.6	600.6	464.4	371.5	297.2	229.1	136.2	86.7	49.5
-47.5°	1083.5	891.6	712.0	569.6	458.2	365.3	291.0	216.7	123.8	86.7	49.5
-50°	1015.4	829.7	674.9	538.7	445.8	371.5	297.2	198.1	123.8	86.7	49.5
-52.5°	947.3	786.3	631.5	526.3	433.4	377.7	291.0	185.7	123.8	86.7	49.5
-55°	891.6	743.0	606.8	507.7	445.8	390.1	278.6	167.2	123.8	86.7	49.5
-57.5°	848.2	718.2	588.2	513.9	464.4	377.7	260.0	161.0	123.8	80.5	49.5
-60°	817.3	693.4	594.4	538.7	470.6	359.1	247.7	161.0	123.8	80.5	43.3
-62.5°	792.5	699.6	625.3	557.2	445.8	334.3	235.3	161.0	111.4	74.3	43.3
-65°	798.7	724.4	637.7	532.5	427.2	309.6	216.7	154.8	105.3	68.1	43.3
-67.5°	817.3	705.8	600.6	501.5	383.9	278.6	198.1	142.4	99.1	68.1	43.3
-70°	755.4	650.1	544.9	427.2	328.2	241.5	185.7	130.0	86.7	61.9	43.3
-72.5°	681.1	544.9	433.4	346.7	278.6	222.9	167.2	117.6	80.5	55.7	37.1
-75°	495.3	396.3	322.0	291.0	247.7	198.1	148.6	105.3	74.3	55.7	37.1
-77.5°	352.9	328.2	297.2	266.2	222.9	173.4	130.0	99.1	68.1	49.5	31.0
-80°	346.7	315.8	278.6	229.1	185.7	148.6	111.4	86.7	61.9	43.3	24.8
-82.5°	291.0	247.7	210.5	173.4	142.4	117.6	92.9	68.1	49.5	31.0	18.6
-85°	179.6	154.8	136.2	117.6	99.1	80.5	61.9	43.3	31.0	18.6	12.4
-87.5°	86.7	80.5	68.1	55.7	49.5	37.1	31.0	24.8	18.6	12.4	6.2
-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-SA8C-740-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°	6.2	0.0	0.0	0.0
80°	6.2	0.0	0.0	0.0
77.5°	6.2	0.0	0.0	0.0
75°	6.2	6.2	0.0	0.0
72.5°	6.2	6.2	0.0	0.0
70°	12.4	6.2	6.2	0.0
67.5°	12.4	6.2	6.2	0.0
65°	12.4	6.2	6.2	0.0
62.5°	12.4	6.2	6.2	0.0
60°	12.4	6.2	6.2	0.0
57.5°	12.4	6.2	6.2	0.0
55°	12.4	6.2	6.2	0.0
52.5°	12.4	6.2	6.2	0.0
50°	12.4	6.2	6.2	0.0
47.5°	12.4	12.4	6.2	0.0
45°	12.4	12.4	6.2	0.0
42.5°	12.4	12.4	6.2	0.0
40°	12.4	12.4	6.2	0.0
37.5°	12.4	12.4	6.2	0.0
35°	12.4	12.4	6.2	0.0
32.5°	18.6	12.4	6.2	0.0
30°	18.6	12.4	12.4	0.0
27.5°	18.6	12.4	12.4	0.0
25°	18.6	12.4	12.4	0.0
22.5°	18.6	12.4	12.4	0.0
20°	18.6	12.4	12.4	0.0
17.5°	18.6	12.4	12.4	0.0
15°	18.6	12.4	12.4	0.0
12.5°	18.6	12.4	12.4	0.0
10°	18.6	12.4	12.4	0.0
7.5°	18.6	12.4	12.4	0.0
5°	18.6	12.4	12.4	0.0
2.5°	18.6	12.4	12.4	0.0
0°	18.6	12.4	12.4	0.0
-2.5°	18.6	12.4	12.4	0.0
-5°	18.6	12.4	12.4	0.0
-7.5°	18.6	12.4	12.4	0.0
-10°	18.6	12.4	12.4	0.0
-12.5°	24.8	12.4	12.4	0.0
-15°	24.8	12.4	12.4	0.0
-17.5°	24.8	12.4	12.4	0.0
-20°	24.8	12.4	12.4	0.0

REPORT NUMBER: P723747

CATALOG NUMBER: IFLD-L-SA8C-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	24.8	12.4	12.4	0.0
-25°	24.8	12.4	12.4	0.0
-27.5°	24.8	12.4	12.4	0.0
-30°	24.8	12.4	12.4	0.0
-32.5°	24.8	12.4	12.4	0.0
-35°	24.8	12.4	12.4	0.0
-37.5°	24.8	12.4	12.4	0.0
-40°	24.8	12.4	12.4	0.0
-42.5°	18.6	12.4	6.2	0.0
-45°	24.8	12.4	6.2	0.0
-47.5°	24.8	12.4	6.2	0.0
-50°	24.8	12.4	6.2	0.0
-52.5°	24.8	12.4	6.2	0.0
-55°	24.8	12.4	6.2	0.0
-57.5°	24.8	12.4	6.2	0.0
-60°	24.8	12.4	6.2	0.0
-62.5°	24.8	12.4	6.2	0.0
-65°	24.8	12.4	6.2	0.0
-67.5°	24.8	12.4	6.2	0.0
-70°	24.8	6.2	6.2	0.0
-72.5°	18.6	6.2	6.2	0.0
-75°	18.6	6.2	6.2	0.0
-77.5°	12.4	6.2	0.0	0.0
-80°	12.4	6.2	0.0	0.0
-82.5°	12.4	6.2	0.0	0.0
-85°	6.2	0.0	0.0	0.0
-87.5°	6.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)