

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: P723704

Luminaire Tested: **IFLD-S-SA6D-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723704
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	23873 lumens	Max Intensity:	561648.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	8657.3 lumens	Field Lumens:	13801.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

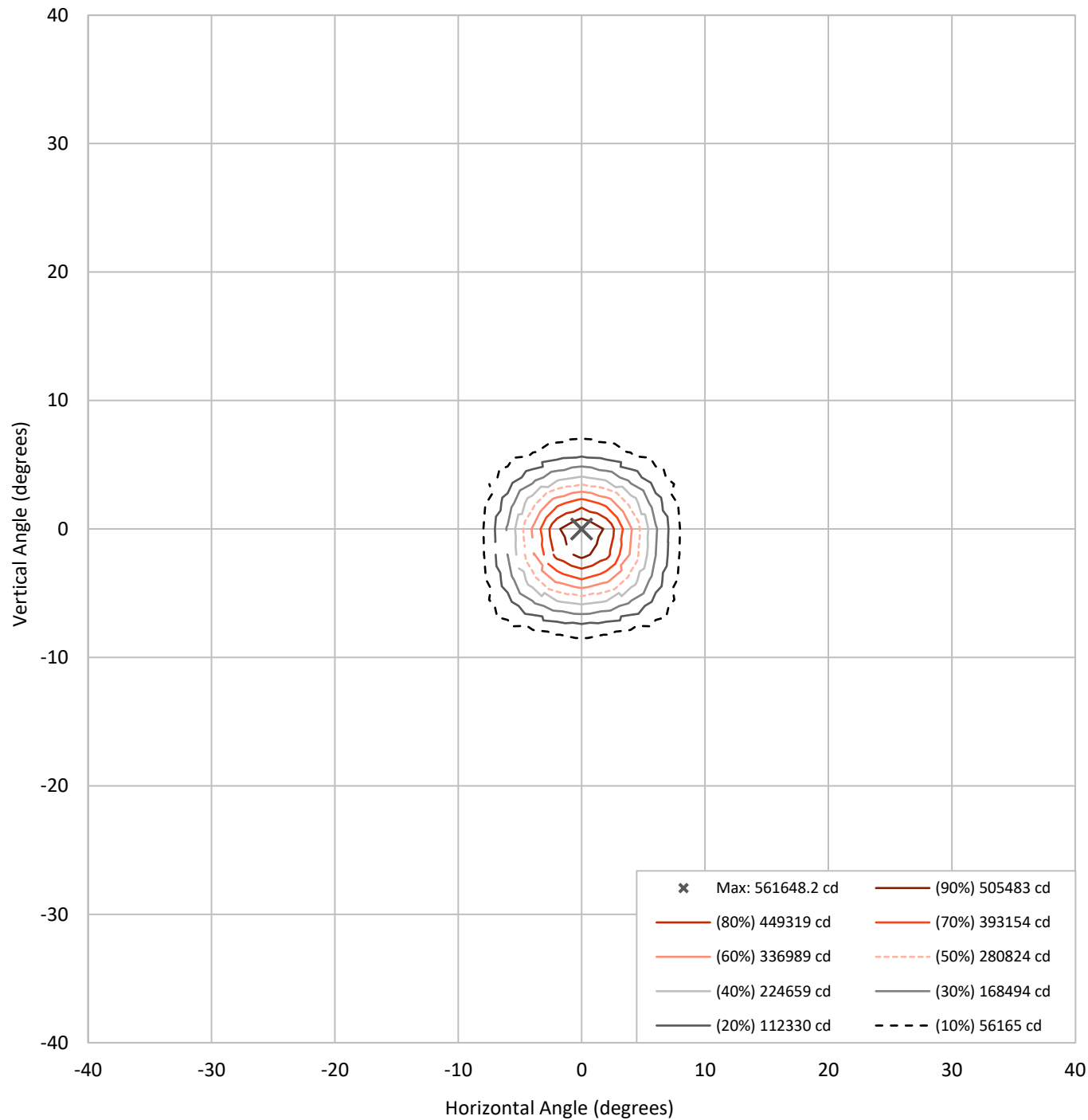
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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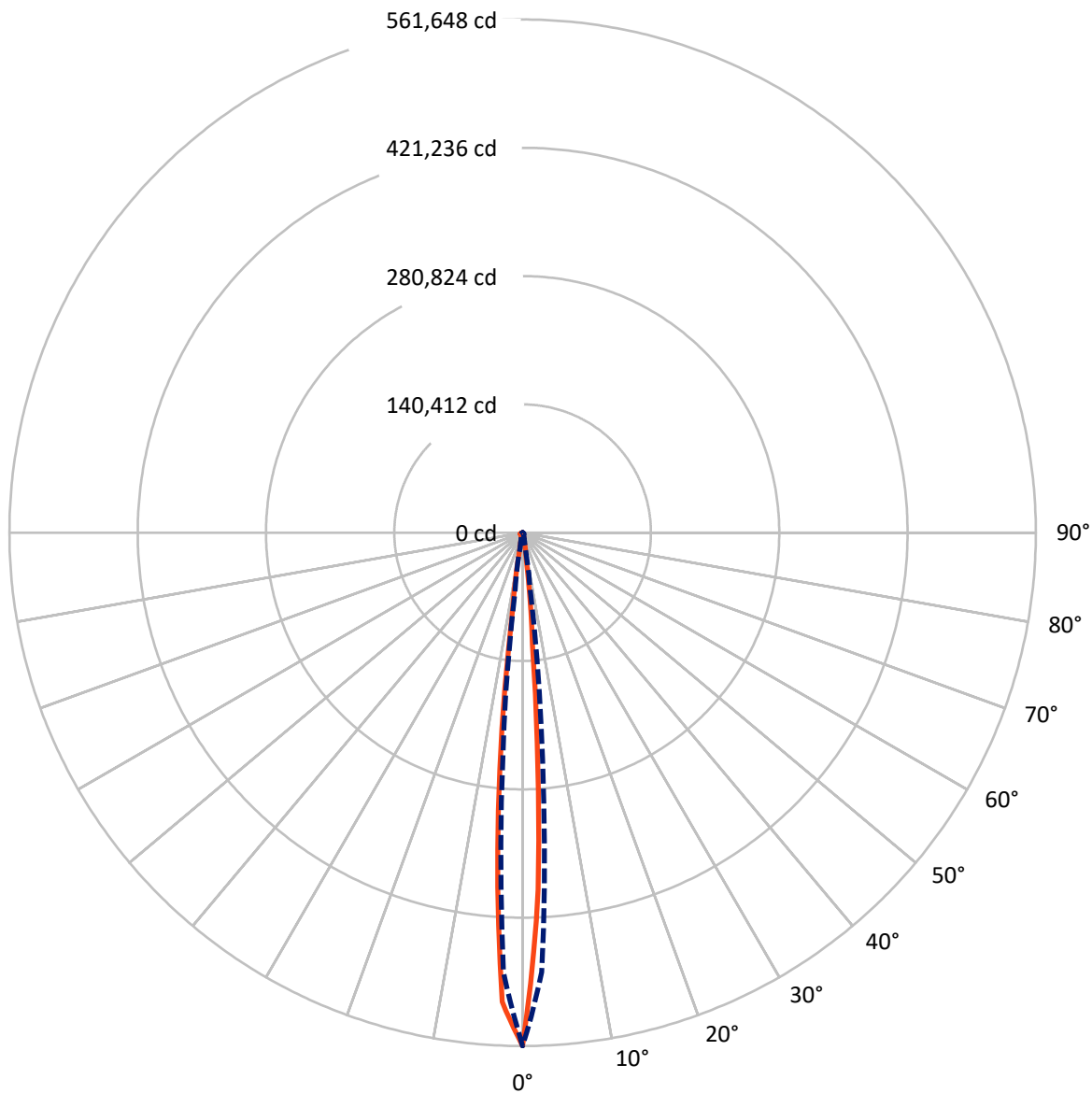
Lumen Table

90																			
80	0.4	5.3		5.8		2.2		0.6		2.2		5.8		5.3		0.4			
70																			
60	0.6	1.2	1.5	1.2	1.0	0.8	0.6	0.3	0.3	0.6	0.8	1.0	1.2	1.5	1.2	0.6			
50		0.8	1.1	2.8	6.1	10.1	12.9	14.8	14.8	12.9	10.1	6.1	2.8	1.1	0.8				
40	0.6	0.8	3.3	10.9	21.4	31.3	37.7	41.8	41.8	37.7	31.3	21.4	10.9	3.3	0.8	0.6			
30		1.6	8.3	22.3	36.3	42.6	46.1	47.7	47.7	46.1	42.6	36.3	22.3	8.3	1.6				
20	0.9	3.1	14.1	32.5	42.1	43.3	51.1	61.5	61.5	51.1	43.3	42.1	32.5	14.1	3.1	0.9			
10		4.9	19.8	39.9	44.9	50.6	88.9	151.5	151.5	88.9	50.6	44.9	39.9	19.8	4.9				
0	1.6	6.3	24.3	43.9	46.5	62.5	169.1	3133.9	3133.9	169.1	62.5	46.5	43.9	24.3	6.3	1.6			
-10		7.4	26.7	46.1	48.2	64.6	182.2	4569.6	4569.6	182.2	64.6	48.2	46.1	26.7	7.4				
-20	2.3	7.9	27.3	48.5	52.2	58.2	105.9	203.3	203.3	105.9	58.2	52.2	48.5	27.3	7.9	2.3			
-30		7.4	26.0	49.1	58.6	58.7	68.6	83.7	83.7	68.6	58.7	58.6	49.1	26.0	7.4				
-40	2.5	6.6	23.0	47.0	64.5	70.2	73.1	73.7	73.7	73.1	70.2	64.5	47.0	23.0	6.6	2.5			
-50		5.8	18.5	39.9	62.1	75.6	84.7	88.8	88.8	84.7	75.6	62.1	39.9	18.5	5.8				
-60	2.0	5.2	14.3	30.9	53.0	71.2	82.7	87.5	87.5	82.7	71.2	53.0	30.9	14.3	5.2	2.0			
-70		4.9	12.6	25.2	44.2	62.2	75.3	81.4	81.4	75.3	62.2	44.2	25.2	12.6	4.9				
-80	0.9	14.8		44.0		81.5		89.9		81.5		44.0		14.8		0.9			
-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



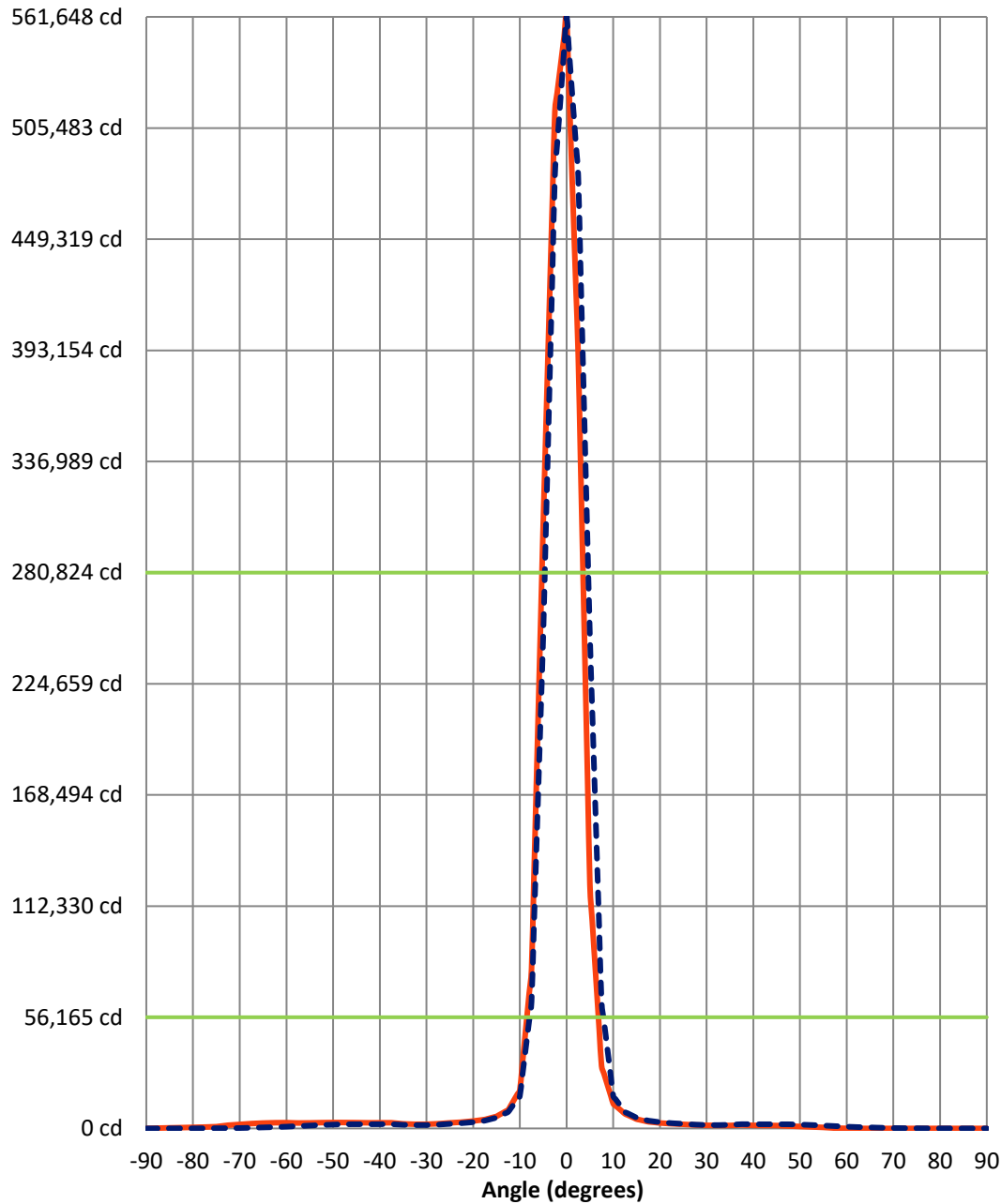
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 8657.3
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 13801.5
Efficiency: 57.8%

Spill:
Lumens: 10071.5
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	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	11.0	11.0	11.0	16.5	22.0	27.6	27.6	33.1
82.5°	0.0	5.5	5.5	11.0	11.0	16.5	16.5	27.6	33.1	38.6	49.6
80°	5.5	5.5	5.5	11.0	11.0	16.5	16.5	22.0	27.6	38.6	44.1
77.5°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	16.5	22.0	27.6	33.1
75°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.5	16.5	22.0
72.5°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0	16.5	16.5	16.5
70°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0	16.5	16.5	16.5
67.5°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0	16.5	16.5	16.5
65°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	16.5	16.5	16.5	16.5
62.5°	5.5	5.5	5.5	11.0	16.5	16.5	22.0	27.6	27.6	27.6	27.6
60°	55.1	60.6	66.1	66.1	60.6	60.6	66.1	66.1	66.1	66.1	66.1
57.5°	148.8	159.8	165.3	165.3	165.3	159.8	181.9	187.4	165.3	154.3	170.8
55°	518.0	534.6	523.5	507.0	473.9	435.4	424.3	418.8	424.3	396.8	352.7
52.5°	755.0	771.5	766.0	755.0	733.0	705.4	683.4	661.3	639.3	595.2	545.6
50°	981.0	986.5	981.0	969.9	947.9	920.3	876.2	826.7	782.6	771.5	727.5
47.5°	1234.5	1251.0	1251.0	1245.5	1229.0	1179.4	1113.2	1041.6	1008.5	997.5	953.4
45°	1460.4	1471.4	1476.9	1482.5	1476.9	1427.3	1366.7	1328.2	1256.5	1234.5	1234.5
42.5°	1521.0	1526.5	1532.1	1537.6	1554.1	1515.5	1465.9	1399.8	1383.3	1377.8	1366.7
40°	1543.1	1532.1	1537.6	1543.1	1548.6	1521.0	1482.5	1443.9	1432.9	1421.8	1421.8
37.5°	1752.5	1702.9	1664.3	1631.3	1603.7	1576.1	1537.6	1504.5	1476.9	1454.9	1476.9
35°	1493.5	1493.5	1532.1	1565.1	1598.2	1631.3	1636.8	1598.2	1537.6	1510.0	1548.6
32.5°	1526.5	1526.5	1526.5	1537.6	1548.6	1576.1	1603.7	1620.2	1664.3	1614.7	1614.7
30°	1559.6	1565.1	1576.1	1581.7	1565.1	1554.1	1543.1	1543.1	1570.6	1642.3	1680.9
27.5°	1752.5	1752.5	1736.0	1713.9	1664.3	1587.2	1548.6	1493.5	1499.0	1532.1	1625.7
25°	2066.6	2055.6	2017.0	1961.9	1873.7	1763.5	1658.8	1543.1	1493.5	1476.9	1515.5
22.5°	2364.2	2347.7	2298.1	2248.5	2176.8	2066.6	1890.3	1713.9	1559.6	1493.5	1476.9
20°	2744.5	2705.9	2650.8	2573.6	2457.9	2347.7	2193.4	1961.9	1736.0	1565.1	1499.0
17.5°	3356.2	3306.6	3201.9	3064.1	2865.7	2694.9	2474.4	2254.0	2000.5	1724.9	1576.1
15°	4695.4	4568.6	4386.8	4006.5	3615.2	3290.1	2959.4	2590.2	2331.2	1967.4	1741.5
12.5°	7384.7	7037.5	6508.5	5621.2	4745.0	3990.0	3455.4	2981.5	2562.6	2226.4	1906.8
10°	12499.0	11755.0	10294.6	7869.7	6255.0	4866.2	3907.3	3273.5	2744.5	2397.3	2044.6
7.5°	31611.1	25786.0	18246.9	12460.4	8183.8	5946.4	4469.4	3549.1	2937.4	2507.5	2154.8
5°	123204.0	101490.6	54140.1	22595.1	12311.6	7191.9	4976.4	3769.5	3064.1	2590.2	2237.5
2.5°	391011.1	337664.6	177156.7	48640.1	15116.7	8101.2	5323.6	3907.3	3135.8	2650.8	2298.1
0°	561648.2	481352.9	248628.8	63971.7	16395.2	8332.6	5433.8	3934.9	3146.8	2661.8	2298.1
-2.5°	513812.7	449686.7	240175.0	59529.8	16753.4	8398.8	5522.0	4028.5	3229.4	2711.4	2314.6
-5°	305304.0	267796.1	167540.0	42445.7	14885.2	7798.1	5290.6	3945.9	3174.3	2683.9	2303.6
-7.5°	80438.6	69637.0	45807.4	22148.7	9633.2	6596.7	4860.7	3808.1	3102.7	2634.3	2259.5
-10°	19393.2	18379.2	16417.3	10063.1	7500.5	5511.0	4309.6	3560.1	2959.4	2568.1	2187.9
-12.5°	9352.2	9131.7	8288.5	6833.6	5566.1	4579.6	3901.8	3301.1	2827.1	2452.4	2088.7
-15°	6084.1	5957.4	5670.8	5114.2	4469.4	3995.5	3521.5	3036.6	2661.8	2281.6	2006.0
-17.5°	4502.5	4497.0	4353.7	4144.3	3824.6	3471.9	3124.7	2816.1	2452.4	2127.2	1917.8
-20°	3730.9	3730.9	3648.3	3510.5	3284.6	3053.1	2821.6	2535.1	2237.5	1995.0	1906.8

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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°	3168.8	3174.3	3130.2	3042.1	2920.8	2727.9	2502.0	2270.5	2055.6	1967.4	1939.9
-25°	2805.1	2794.1	2744.5	2661.8	2535.1	2380.8	2232.0	2077.6	2017.0	1995.0	2033.6
-27.5°	2375.2	2391.8	2369.7	2331.2	2248.5	2138.3	2105.2	2061.1	2072.1	2105.2	2254.0
-30°	2121.7	2138.3	2160.3	2176.8	2149.3	2121.7	2132.8	2165.8	2237.5	2364.2	2419.3
-32.5°	2121.7	2127.2	2160.3	2193.4	2209.9	2232.0	2292.6	2402.8	2507.5	2474.4	2463.4
-35°	2314.6	2298.1	2342.2	2386.3	2446.9	2524.0	2590.2	2568.1	2529.5	2518.5	2529.5
-37.5°	2865.7	2761.0	2716.9	2689.4	2672.8	2661.8	2645.3	2628.7	2612.2	2601.2	2617.7
-40°	2860.2	2832.7	2805.1	2783.1	2766.5	2744.5	2733.5	2727.9	2711.4	2700.4	2689.4
-42.5°	2849.2	2860.2	2860.2	2854.7	2860.2	2854.7	2838.2	2816.1	2788.6	2766.5	2744.5
-45°	2931.9	2937.4	2948.4	2959.4	2975.9	2953.9	2920.8	2882.3	2843.7	2810.6	2783.1
-47.5°	2981.5	2987.0	2998.0	3014.5	3025.5	3003.5	2959.4	2909.8	2849.2	2794.1	2739.0
-50°	2998.0	3014.5	3020.0	3020.0	3014.5	2987.0	2920.8	2849.2	2783.1	2727.9	2678.3
-52.5°	2920.8	2937.4	2942.9	2931.9	2926.3	2898.8	2838.2	2772.0	2700.4	2661.8	2617.7
-55°	2794.1	2816.1	2832.7	2832.7	2832.7	2827.1	2772.0	2711.4	2656.3	2612.2	2568.1
-57.5°	2744.5	2783.1	2816.1	2821.6	2827.1	2832.7	2794.1	2733.5	2667.3	2601.2	2546.1
-60°	2926.3	2959.4	2975.9	2953.9	2937.4	2920.8	2860.2	2788.6	2722.4	2656.3	2551.6
-62.5°	2876.7	2931.9	2959.4	2942.9	2920.8	2893.3	2827.1	2744.5	2667.3	2595.7	2491.0
-65°	2716.9	2766.5	2799.6	2772.0	2739.0	2700.4	2639.8	2562.6	2491.0	2419.3	2325.6
-67.5°	2446.9	2518.5	2573.6	2513.0	2468.9	2419.3	2369.7	2303.6	2232.0	2149.3	2061.1
-70°	2022.5	2077.6	2127.2	2110.7	2099.7	2088.7	2055.6	1989.5	1928.9	1862.7	1785.6
-72.5°	1625.7	1675.3	1719.4	1691.9	1669.8	1636.8	1587.2	1515.5	1443.9	1372.2	1300.6
-75°	898.3	914.8	931.4	925.8	925.8	925.8	925.8	931.4	920.3	903.8	870.7
-77.5°	688.9	710.9	727.5	738.5	755.0	777.1	793.6	766.0	738.5	710.9	677.9
-80°	540.1	562.1	578.7	639.3	683.4	733.0	766.0	727.5	688.9	655.8	628.3
-82.5°	407.8	424.3	440.9	473.9	496.0	523.5	545.6	545.6	540.1	534.6	518.0
-85°	297.6	319.6	341.7	352.7	369.2	369.2	374.7	352.7	330.7	314.1	292.1
-87.5°	170.8	176.4	176.4	176.4	181.9	181.9	181.9	170.8	165.3	154.3	148.8
-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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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°	5.5	5.5	5.5	11.0	11.0	16.5	16.5	22.0	22.0	27.6	27.6
85°	33.1	33.1	33.1	38.6	38.6	44.1	49.6	55.1	60.6	60.6	66.1
82.5°	55.1	60.6	66.1	71.6	77.2	82.7	88.2	93.7	110.2	121.2	126.8
80°	55.1	60.6	77.2	88.2	99.2	110.2	110.2	110.2	110.2	115.7	126.8
77.5°	38.6	44.1	49.6	60.6	88.2	110.2	126.8	137.8	126.8	121.2	110.2
75°	22.0	27.6	33.1	38.6	55.1	77.2	104.7	132.3	154.3	148.8	137.8
72.5°	22.0	22.0	27.6	33.1	38.6	44.1	49.6	77.2	110.2	137.8	154.3
70°	22.0	27.6	27.6	33.1	38.6	44.1	49.6	60.6	77.2	110.2	143.3
67.5°	22.0	27.6	27.6	38.6	49.6	55.1	60.6	55.1	49.6	71.6	104.7
65°	22.0	22.0	27.6	33.1	38.6	44.1	60.6	60.6	55.1	55.1	55.1
62.5°	33.1	33.1	33.1	33.1	38.6	38.6	38.6	49.6	49.6	49.6	49.6
60°	66.1	60.6	60.6	60.6	60.6	49.6	49.6	49.6	44.1	49.6	44.1
57.5°	159.8	132.3	121.2	121.2	104.7	99.2	82.7	60.6	60.6	49.6	49.6
55°	325.1	308.6	259.0	214.9	192.9	170.8	132.3	110.2	82.7	66.1	60.6
52.5°	501.5	457.4	413.3	358.2	303.1	259.0	220.4	170.8	137.8	99.2	77.2
50°	655.8	617.2	567.6	507.0	435.4	380.3	325.1	259.0	203.9	154.3	110.2
47.5°	892.8	815.6	755.0	683.4	600.7	523.5	451.9	374.7	286.6	226.0	170.8
45°	1146.3	1036.1	953.4	887.3	777.1	672.3	589.7	507.0	402.3	297.6	231.5
42.5°	1322.6	1240.0	1129.8	1041.6	942.4	832.2	721.9	633.8	523.5	402.3	297.6
40°	1416.3	1361.2	1273.0	1195.9	1091.2	969.9	854.2	766.0	650.3	518.0	374.7
37.5°	1488.0	1460.4	1416.3	1355.7	1256.5	1113.2	997.5	892.8	793.6	639.3	485.0
35°	1570.6	1565.1	1537.6	1510.0	1427.3	1289.6	1151.8	1030.6	909.3	766.0	595.2
32.5°	1647.8	1642.3	1625.7	1614.7	1581.7	1460.4	1311.6	1173.8	1036.1	887.3	699.9
30°	1686.4	1675.3	1675.3	1686.4	1653.3	1576.1	1465.9	1317.1	1162.8	986.5	810.1
27.5°	1686.4	1675.3	1680.9	1697.4	1691.9	1653.3	1570.6	1449.4	1278.6	1080.2	909.3
25°	1614.7	1669.8	1669.8	1691.9	1697.4	1686.4	1642.3	1565.1	1388.8	1179.4	986.5
22.5°	1515.5	1647.8	1697.4	1691.9	1697.4	1724.9	1730.5	1658.8	1493.5	1278.6	1063.6
20°	1515.5	1609.2	1752.5	1713.9	1724.9	1785.6	1813.1	1752.5	1603.7	1372.2	1140.8
17.5°	1548.6	1609.2	1730.5	1791.1	1807.6	1857.2	1901.3	1862.7	1702.9	1471.4	1245.5
15°	1642.3	1631.3	1713.9	1862.7	1890.3	1928.9	1978.4	1934.4	1791.1	1581.7	1344.7
12.5°	1708.4	1647.8	1713.9	1873.7	1961.9	2000.5	2017.0	1984.0	1868.2	1680.9	1443.9
10°	1796.6	1691.9	1724.9	1862.7	1989.5	2017.0	2033.6	2022.5	1939.9	1763.5	1532.1
7.5°	1862.7	1713.9	1713.9	1846.2	2017.0	2039.1	2050.1	2061.1	2000.5	1835.2	1609.2
5°	1890.3	1713.9	1702.9	1829.7	2044.6	2066.6	2066.6	2083.2	2044.6	1890.3	1664.3
2.5°	1895.8	1708.4	1691.9	1818.6	2094.2	2094.2	2083.2	2099.7	2077.6	1923.3	1702.9
0°	1923.3	1702.9	1686.4	1835.2	2149.3	2127.2	2099.7	2105.2	2094.2	1939.9	1724.9
-2.5°	1923.3	1730.5	1708.4	1846.2	2143.8	2138.3	2127.2	2132.8	2121.7	1989.5	1769.0
-5°	1950.9	1769.0	1747.0	1895.8	2138.3	2154.8	2160.3	2160.3	2143.8	2022.5	1796.6
-7.5°	1956.4	1796.6	1791.1	1945.4	2149.3	2176.8	2193.4	2204.4	2171.3	2044.6	1818.6
-10°	1928.9	1807.6	1835.2	2006.0	2160.3	2198.9	2232.0	2248.5	2193.4	2055.6	1829.7
-12.5°	1868.2	1807.6	1879.3	2083.2	2187.9	2232.0	2281.6	2287.1	2215.4	2061.1	1835.2
-15°	1862.7	1851.7	1956.4	2160.3	2204.4	2259.5	2336.7	2320.1	2232.0	2061.1	1835.2
-17.5°	1857.2	1912.3	2072.1	2187.9	2232.0	2292.6	2353.2	2336.7	2243.0	2061.1	1824.1
-20°	1906.8	2011.5	2209.9	2215.4	2265.0	2331.2	2364.2	2331.2	2226.4	2044.6	1807.6

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CATALOG NUMBER: IFLD-S-SA6D-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°	1989.5	2187.9	2254.0	2276.0	2320.1	2369.7	2386.3	2336.7	2209.9	2017.0	1780.1
-25°	2198.9	2298.1	2298.1	2347.7	2391.8	2413.8	2397.3	2342.2	2187.9	1989.5	1752.5
-27.5°	2358.7	2353.2	2380.8	2430.4	2468.9	2468.9	2424.8	2314.6	2154.8	1961.9	1713.9
-30°	2419.3	2424.8	2463.4	2518.5	2529.5	2502.0	2435.9	2292.6	2127.2	1917.8	1664.3
-32.5°	2480.0	2502.0	2551.6	2579.1	2584.7	2529.5	2408.3	2254.0	2083.2	1868.2	1609.2
-35°	2551.6	2595.7	2623.2	2628.7	2601.2	2507.5	2369.7	2204.4	2017.0	1796.6	1559.6
-37.5°	2645.3	2667.3	2683.9	2661.8	2584.7	2474.4	2303.6	2138.3	1956.4	1719.4	1488.0
-40°	2705.9	2716.9	2722.4	2650.8	2557.1	2397.3	2232.0	2061.1	1851.7	1631.3	1410.8
-42.5°	2744.5	2733.5	2689.4	2612.2	2474.4	2320.1	2160.3	1967.4	1758.0	1543.1	1328.2
-45°	2733.5	2694.9	2628.7	2535.1	2391.8	2237.5	2050.1	1857.2	1658.8	1449.4	1234.5
-47.5°	2689.4	2628.7	2546.1	2435.9	2303.6	2116.2	1928.9	1741.5	1548.6	1344.7	1146.3
-50°	2634.3	2562.6	2463.4	2325.6	2149.3	1978.4	1807.6	1625.7	1427.3	1240.0	1063.6
-52.5°	2573.6	2496.5	2369.7	2215.4	2022.5	1846.2	1680.9	1504.5	1322.6	1146.3	992.0
-55°	2507.5	2430.4	2287.1	2110.7	1917.8	1724.9	1565.1	1416.3	1240.0	1069.1	931.4
-57.5°	2474.4	2375.2	2226.4	2050.1	1846.2	1647.8	1510.0	1350.2	1190.4	1014.0	881.8
-60°	2446.9	2347.7	2209.9	2006.0	1813.1	1625.7	1465.9	1311.6	1140.8	975.4	843.2
-62.5°	2369.7	2265.0	2138.3	1939.9	1752.5	1581.7	1438.4	1256.5	1091.2	936.9	815.6
-65°	2215.4	2105.2	1995.0	1818.6	1647.8	1488.0	1344.7	1179.4	1025.0	892.8	788.1
-67.5°	1972.9	1879.3	1780.1	1631.3	1488.0	1344.7	1212.4	1069.1	942.4	848.7	793.6
-70°	1702.9	1603.7	1504.5	1383.3	1262.0	1146.3	1041.6	936.9	854.2	804.6	760.5
-72.5°	1240.0	1195.9	1146.3	1052.6	953.4	881.8	832.2	788.1	727.5	683.4	655.8
-75°	826.7	766.0	688.9	655.8	661.3	650.3	622.7	589.7	562.1	545.6	507.0
-77.5°	644.8	611.7	573.1	534.6	518.0	501.5	479.5	451.9	429.9	391.3	336.2
-80°	595.2	567.6	540.1	512.5	485.0	446.4	402.3	358.2	336.2	319.6	314.1
-82.5°	490.5	457.4	424.3	396.8	358.2	330.7	303.1	281.1	281.1	275.6	270.0
-85°	281.1	270.0	253.5	242.5	231.5	214.9	198.4	187.4	181.9	176.4	170.8
-87.5°	143.3	137.8	126.8	121.2	115.7	110.2	99.2	93.7	88.2	88.2	82.7
-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-S-SA6D-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°	27.6	27.6	22.0	22.0	22.0	16.5	11.0	11.0	5.5	5.5	0.0
85°	66.1	55.1	49.6	44.1	44.1	33.1	22.0	16.5	11.0	5.5	5.5
82.5°	126.8	110.2	93.7	82.7	66.1	49.6	38.6	27.6	16.5	11.0	5.5
80°	143.3	143.3	137.8	115.7	93.7	71.6	49.6	33.1	22.0	16.5	11.0
77.5°	110.2	121.2	121.2	121.2	115.7	88.2	60.6	38.6	22.0	16.5	11.0
75°	126.8	110.2	104.7	110.2	104.7	88.2	71.6	44.1	27.6	22.0	11.0
72.5°	154.3	132.3	115.7	110.2	99.2	82.7	66.1	49.6	27.6	22.0	16.5
70°	143.3	137.8	126.8	115.7	99.2	82.7	66.1	49.6	33.1	22.0	16.5
67.5°	126.8	126.8	126.8	115.7	99.2	77.2	60.6	44.1	33.1	22.0	16.5
65°	88.2	104.7	115.7	110.2	99.2	77.2	60.6	44.1	33.1	27.6	16.5
62.5°	55.1	71.6	93.7	104.7	93.7	77.2	55.1	44.1	33.1	27.6	16.5
60°	49.6	55.1	66.1	82.7	88.2	71.6	55.1	38.6	33.1	27.6	16.5
57.5°	49.6	49.6	55.1	66.1	71.6	66.1	49.6	33.1	33.1	27.6	22.0
55°	55.1	49.6	49.6	55.1	60.6	60.6	49.6	33.1	33.1	27.6	22.0
52.5°	66.1	55.1	49.6	49.6	49.6	55.1	44.1	33.1	33.1	27.6	22.0
50°	82.7	66.1	60.6	49.6	49.6	49.6	44.1	33.1	27.6	27.6	22.0
47.5°	110.2	88.2	66.1	60.6	49.6	44.1	38.6	33.1	27.6	27.6	22.0
45°	165.3	104.7	88.2	66.1	55.1	49.6	44.1	33.1	27.6	27.6	22.0
42.5°	226.0	154.3	110.2	77.2	60.6	49.6	44.1	38.6	27.6	27.6	22.0
40°	286.6	209.4	137.8	99.2	71.6	55.1	44.1	38.6	33.1	27.6	22.0
37.5°	352.7	259.0	181.9	126.8	82.7	60.6	49.6	38.6	33.1	27.6	22.0
35°	435.4	325.1	226.0	154.3	99.2	71.6	55.1	38.6	33.1	27.6	22.0
32.5°	529.1	385.8	270.0	187.4	126.8	88.2	60.6	44.1	33.1	27.6	22.0
30°	617.2	457.4	319.6	226.0	154.3	99.2	66.1	44.1	33.1	27.6	16.5
27.5°	705.4	529.1	380.3	264.5	187.4	115.7	71.6	49.6	33.1	27.6	22.0
25°	793.6	600.7	440.9	303.1	214.9	137.8	88.2	55.1	33.1	27.6	22.0
22.5°	870.7	672.3	496.0	347.2	248.0	159.8	99.2	60.6	38.6	27.6	22.0
20°	958.9	749.5	556.6	396.8	275.6	181.9	110.2	66.1	38.6	27.6	22.0
17.5°	1041.6	826.7	617.2	440.9	308.6	203.9	126.8	71.6	44.1	27.6	22.0
15°	1124.2	898.3	672.3	485.0	341.7	226.0	137.8	77.2	49.6	27.6	22.0
12.5°	1201.4	964.4	721.9	523.5	369.2	248.0	148.8	82.7	55.1	27.6	22.0
10°	1273.0	1025.0	771.5	556.6	396.8	264.5	159.8	93.7	60.6	27.6	22.0
7.5°	1344.7	1074.6	810.1	589.7	429.9	286.6	170.8	99.2	66.1	33.1	22.0
5°	1388.8	1118.7	843.2	617.2	457.4	308.6	181.9	104.7	71.6	33.1	22.0
2.5°	1427.3	1151.8	865.2	644.8	485.0	325.1	181.9	110.2	77.2	33.1	22.0
0°	1449.4	1173.8	881.8	661.3	507.0	336.2	187.4	115.7	82.7	33.1	22.0
-2.5°	1499.0	1212.4	920.3	683.4	529.1	369.2	198.4	121.2	88.2	38.6	22.0
-5°	1532.1	1234.5	947.9	705.4	545.6	402.3	214.9	132.3	99.2	49.6	27.6
-7.5°	1559.6	1256.5	969.9	716.4	562.1	413.3	220.4	137.8	104.7	55.1	27.6
-10°	1565.1	1267.5	986.5	733.0	573.1	429.9	226.0	143.3	110.2	60.6	27.6
-12.5°	1570.6	1278.6	992.0	744.0	584.2	440.9	231.5	148.8	115.7	66.1	27.6
-15°	1565.1	1273.0	992.0	755.0	589.7	429.9	242.5	154.3	121.2	71.6	27.6
-17.5°	1554.1	1267.5	986.5	749.5	584.2	418.8	248.0	165.3	121.2	77.2	33.1
-20°	1537.6	1251.0	975.4	744.0	578.7	407.8	253.5	170.8	126.8	77.2	33.1

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CATALOG NUMBER: IFLD-S-SA6D-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°	1510.0	1223.4	953.4	727.5	567.6	396.8	253.5	181.9	132.3	77.2	33.1
-25°	1476.9	1195.9	931.4	705.4	551.1	380.3	253.5	187.4	137.8	77.2	33.1
-27.5°	1438.4	1168.3	898.3	688.9	529.1	369.2	253.5	192.9	143.3	77.2	33.1
-30°	1394.3	1129.8	870.7	661.3	512.5	369.2	259.0	198.4	148.8	77.2	33.1
-32.5°	1350.2	1091.2	837.7	639.3	490.5	363.7	259.0	203.9	154.3	71.6	38.6
-35°	1300.6	1047.1	810.1	622.7	473.9	352.7	264.5	203.9	148.8	71.6	38.6
-37.5°	1240.0	992.0	782.6	606.2	462.9	341.7	264.5	209.4	143.3	71.6	38.6
-40°	1173.8	947.9	749.5	584.2	446.4	336.2	264.5	209.4	137.8	71.6	44.1
-42.5°	1102.2	898.3	716.4	562.1	429.9	330.7	264.5	209.4	132.3	71.6	44.1
-45°	1036.1	848.7	677.9	534.6	413.3	330.7	264.5	203.9	121.2	77.2	44.1
-47.5°	964.4	793.6	633.8	507.0	407.8	325.1	259.0	192.9	110.2	77.2	44.1
-50°	903.8	738.5	600.7	479.5	396.8	330.7	264.5	176.4	110.2	77.2	44.1
-52.5°	843.2	699.9	562.1	468.4	385.8	336.2	259.0	165.3	110.2	77.2	44.1
-55°	793.6	661.3	540.1	451.9	396.8	347.2	248.0	148.8	110.2	77.2	44.1
-57.5°	755.0	639.3	523.5	457.4	413.3	336.2	231.5	143.3	110.2	71.6	44.1
-60°	727.5	617.2	529.1	479.5	418.8	319.6	220.4	143.3	110.2	71.6	38.6
-62.5°	705.4	622.7	556.6	496.0	396.8	297.6	209.4	143.3	99.2	66.1	38.6
-65°	710.9	644.8	567.6	473.9	380.3	275.6	192.9	137.8	93.7	60.6	38.6
-67.5°	727.5	628.3	534.6	446.4	341.7	248.0	176.4	126.8	88.2	60.6	38.6
-70°	672.3	578.7	485.0	380.3	292.1	214.9	165.3	115.7	77.2	55.1	38.6
-72.5°	606.2	485.0	385.8	308.6	248.0	198.4	148.8	104.7	71.6	49.6	33.1
-75°	440.9	352.7	286.6	259.0	220.4	176.4	132.3	93.7	66.1	49.6	33.1
-77.5°	314.1	292.1	264.5	237.0	198.4	154.3	115.7	88.2	60.6	44.1	27.6
-80°	308.6	281.1	248.0	203.9	165.3	132.3	99.2	77.2	55.1	38.6	22.0
-82.5°	259.0	220.4	187.4	154.3	126.8	104.7	82.7	60.6	44.1	27.6	16.5
-85°	159.8	137.8	121.2	104.7	88.2	71.6	55.1	38.6	27.6	16.5	11.0
-87.5°	77.2	71.6	60.6	49.6	44.1	33.1	27.6	22.0	16.5	11.0	5.5
-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):

	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°	5.5	0.0	0.0	0.0
80°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	11.0	5.5	5.5	0.0
67.5°	11.0	5.5	5.5	0.0
65°	11.0	5.5	5.5	0.0
62.5°	11.0	5.5	5.5	0.0
60°	11.0	5.5	5.5	0.0
57.5°	11.0	5.5	5.5	0.0
55°	11.0	5.5	5.5	0.0
52.5°	11.0	5.5	5.5	0.0
50°	11.0	5.5	5.5	0.0
47.5°	11.0	11.0	5.5	0.0
45°	11.0	11.0	5.5	0.0
42.5°	11.0	11.0	5.5	0.0
40°	11.0	11.0	5.5	0.0
37.5°	11.0	11.0	5.5	0.0
35°	11.0	11.0	5.5	0.0
32.5°	16.5	11.0	5.5	0.0
30°	16.5	11.0	11.0	0.0
27.5°	16.5	11.0	11.0	0.0
25°	16.5	11.0	11.0	0.0
22.5°	16.5	11.0	11.0	0.0
20°	16.5	11.0	11.0	0.0
17.5°	16.5	11.0	11.0	0.0
15°	16.5	11.0	11.0	0.0
12.5°	16.5	11.0	11.0	0.0
10°	16.5	11.0	11.0	0.0
7.5°	16.5	11.0	11.0	0.0
5°	16.5	11.0	11.0	0.0
2.5°	16.5	11.0	11.0	0.0
0°	16.5	11.0	11.0	0.0
-2.5°	16.5	11.0	11.0	0.0
-5°	16.5	11.0	11.0	0.0
-7.5°	16.5	11.0	11.0	0.0
-10°	16.5	11.0	11.0	0.0
-12.5°	22.0	11.0	11.0	0.0
-15°	22.0	11.0	11.0	0.0
-17.5°	22.0	11.0	11.0	0.0
-20°	22.0	11.0	11.0	0.0

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CATALOG NUMBER: IFLD-S-SA6D-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.0	11.0	11.0	0.0
-25°	22.0	11.0	11.0	0.0
-27.5°	22.0	11.0	11.0	0.0
-30°	22.0	11.0	11.0	0.0
-32.5°	22.0	11.0	11.0	0.0
-35°	22.0	11.0	11.0	0.0
-37.5°	22.0	11.0	11.0	0.0
-40°	22.0	11.0	11.0	0.0
-42.5°	16.5	11.0	5.5	0.0
-45°	22.0	11.0	5.5	0.0
-47.5°	22.0	11.0	5.5	0.0
-50°	22.0	11.0	5.5	0.0
-52.5°	22.0	11.0	5.5	0.0
-55°	22.0	11.0	5.5	0.0
-57.5°	22.0	11.0	5.5	0.0
-60°	22.0	11.0	5.5	0.0
-62.5°	22.0	11.0	5.5	0.0
-65°	22.0	11.0	5.5	0.0
-67.5°	22.0	11.0	5.5	0.0
-70°	22.0	5.5	5.5	0.0
-72.5°	16.5	5.5	5.5	0.0
-75°	16.5	5.5	5.5	0.0
-77.5°	11.0	5.5	0.0	0.0
-80°	11.0	5.5	0.0	0.0
-82.5°	11.0	5.5	0.0	0.0
-85°	5.5	0.0	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)