

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: P723647

Luminaire Tested: **IFLD-S-SA6E-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723647
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	23426 lumens	Max Intensity:	551132.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.5 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:	8495.2 lumens	Field Lumens:	13543.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

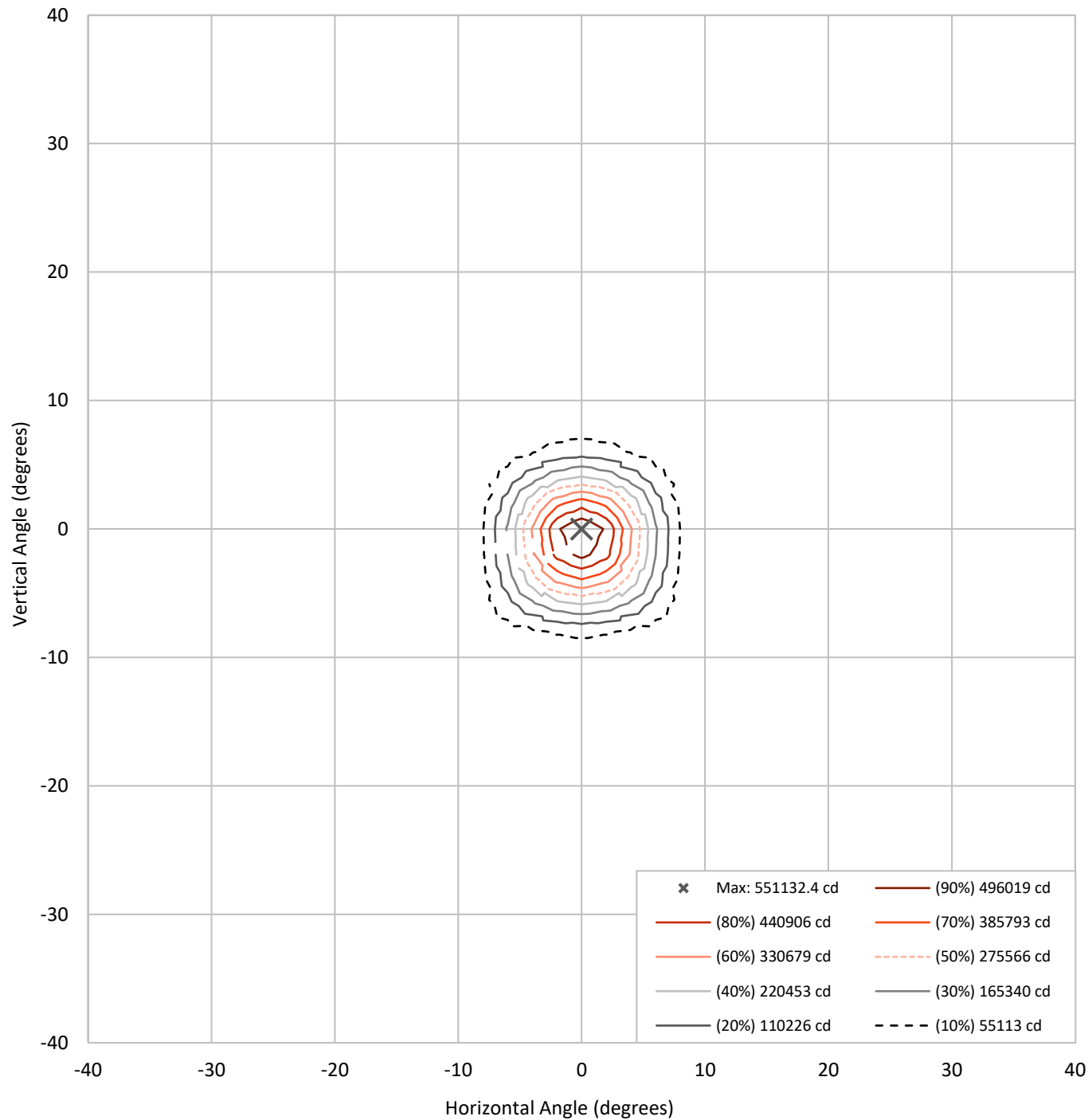
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot





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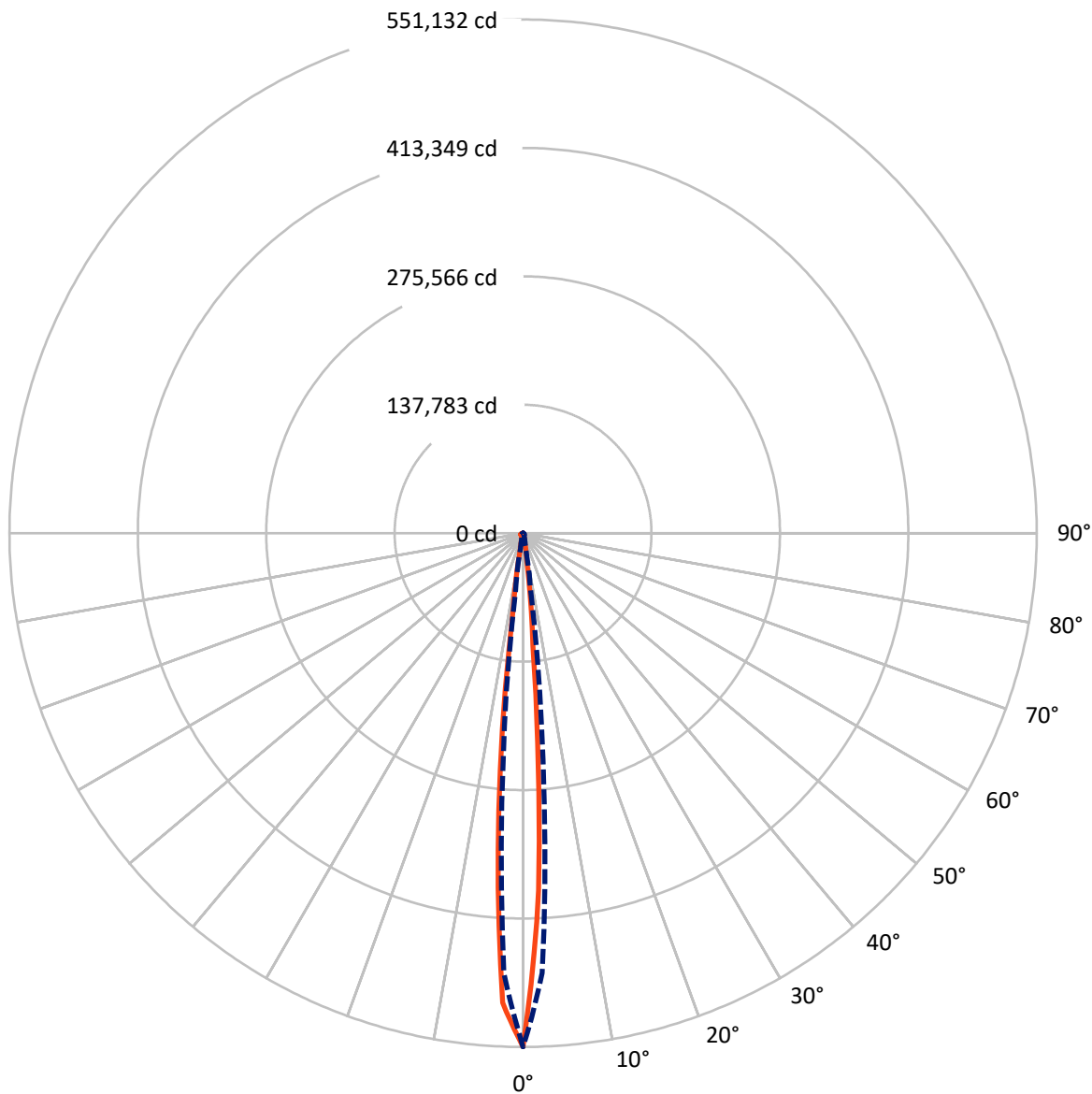
Lumen Table

[illegible]

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Luminous Intensity Polar Plot



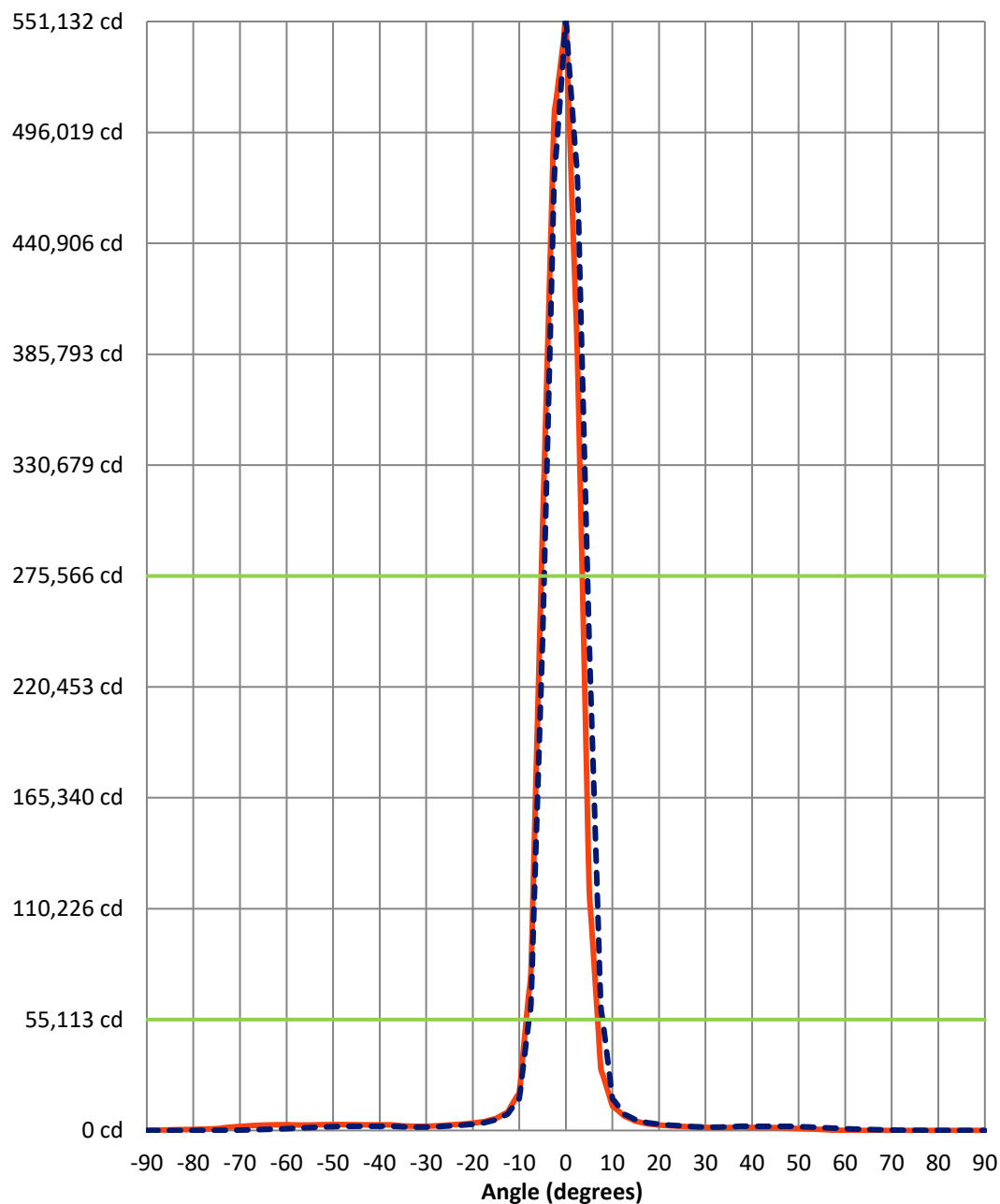
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8495.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 13543.1

Efficiency: 57.8%

Spill:

Lumens: 9883

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	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
85°	0.0	5.4	5.4	10.8	10.8	10.8	16.2	21.6	27.0	27.0	32.4
82.5°	0.0	5.4	5.4	10.8	10.8	16.2	16.2	27.0	32.4	37.9	48.7
80°	5.4	5.4	5.4	10.8	10.8	16.2	16.2	21.6	27.0	37.9	43.3
77.5°	0.0	5.4	5.4	5.4	10.8	10.8	10.8	16.2	21.6	27.0	32.4
75°	0.0	5.4	5.4	5.4	10.8	10.8	10.8	10.8	16.2	16.2	21.6
72.5°	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8	16.2	16.2	16.2
70°	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8	16.2	16.2	16.2
67.5°	0.0	0.0	0.0	5.4	5.4	10.8	10.8	10.8	16.2	16.2	16.2
65°	0.0	0.0	0.0	5.4	5.4	10.8	10.8	16.2	16.2	16.2	16.2
62.5°	5.4	5.4	5.4	10.8	16.2	16.2	21.6	27.0	27.0	27.0	27.0
60°	54.1	59.5	64.9	64.9	59.5	59.5	64.9	64.9	64.9	64.9	64.9
57.5°	146.0	156.8	162.2	162.2	162.2	156.8	178.5	183.9	162.2	151.4	167.6
55°	508.3	524.6	513.7	497.5	465.1	427.2	416.4	411.0	416.4	389.4	346.1
52.5°	740.9	757.1	751.7	740.9	719.2	692.2	670.6	648.9	627.3	584.0	535.4
50°	962.6	968.0	962.6	951.8	930.1	903.1	859.8	811.2	767.9	757.1	713.8
47.5°	1211.4	1227.6	1227.6	1222.2	1205.9	1157.3	1092.4	1022.1	989.6	978.8	935.6
45°	1433.1	1443.9	1449.3	1454.7	1449.3	1400.6	1341.1	1303.3	1233.0	1211.4	1211.4
42.5°	1492.6	1498.0	1503.4	1508.8	1525.0	1487.2	1438.5	1373.6	1357.4	1352.0	1341.1
40°	1514.2	1503.4	1508.8	1514.2	1519.6	1492.6	1454.7	1416.8	1406.0	1395.2	1395.2
37.5°	1719.7	1671.0	1633.2	1600.7	1573.7	1546.6	1508.8	1476.3	1449.3	1427.7	1449.3
35°	1465.5	1465.5	1503.4	1535.8	1568.3	1600.7	1606.1	1568.3	1508.8	1481.7	1519.6
32.5°	1498.0	1498.0	1498.0	1508.8	1519.6	1546.6	1573.7	1589.9	1633.2	1584.5	1584.5
30°	1530.4	1535.8	1546.6	1552.0	1535.8	1525.0	1514.2	1514.2	1541.2	1611.5	1649.4
27.5°	1719.7	1719.7	1703.5	1681.8	1633.2	1557.5	1519.6	1465.5	1470.9	1503.4	1595.3
25°	2027.9	2017.1	1979.3	1925.2	1838.7	1730.5	1627.8	1514.2	1465.5	1449.3	1487.2
22.5°	2320.0	2303.7	2255.1	2206.4	2136.1	2027.9	1854.9	1681.8	1530.4	1465.5	1449.3
20°	2693.1	2655.2	2601.2	2525.5	2411.9	2303.7	2152.3	1925.2	1703.5	1535.8	1470.9
17.5°	3293.4	3244.7	3141.9	3006.7	2812.1	2644.4	2428.1	2211.8	1963.0	1692.6	1546.6
15°	4607.5	4483.1	4304.6	3931.5	3547.5	3228.5	2904.0	2541.7	2287.5	1930.6	1708.9
12.5°	7246.5	6905.8	6386.6	5516.0	4656.1	3915.3	3390.7	2925.6	2514.6	2184.8	1871.1
10°	12264.9	11534.9	10101.8	7722.4	6137.9	4775.1	3834.1	3212.2	2693.1	2352.4	2006.3
7.5°	31019.2	25303.2	17905.3	12227.1	8030.6	5835.0	4385.7	3482.6	2882.4	2460.6	2114.5
5°	120897.2	99590.4	53126.4	22172.1	12081.1	7057.2	4883.3	3698.9	3006.7	2541.7	2195.6
2.5°	383690.1	331342.4	173839.7	47729.4	14833.6	7949.5	5224.0	3834.1	3077.0	2601.2	2255.1
0°	551132.4	472340.5	243973.7	62774.0	16088.3	8176.6	5332.1	3861.2	3087.9	2612.0	2255.1
-2.5°	504192.5	441267.2	235678.1	58415.3	16439.8	8241.5	5418.6	3953.1	3169.0	2660.6	2271.3
-5°	299587.7	262782.1	164403.1	41651.0	14606.5	7652.1	5191.5	3872.0	3114.9	2633.6	2260.5
-7.5°	78932.5	68333.2	44949.8	21734.0	9452.9	6473.2	4769.7	3736.8	3044.6	2584.9	2217.2
-10°	19030.1	18035.1	16109.9	9874.7	7360.0	5407.8	4228.9	3493.5	2904.0	2520.0	2146.9
-12.5°	9177.1	8960.8	8133.4	6705.7	5461.9	4493.9	3828.7	3239.3	2774.2	2406.5	2049.6
-15°	5970.2	5845.9	5564.6	5018.5	4385.7	3920.7	3455.6	2979.7	2612.0	2238.8	1968.4
-17.5°	4418.2	4412.8	4272.2	4066.7	3753.0	3406.9	3066.2	2763.4	2406.5	2087.4	1881.9
-20°	3661.1	3661.1	3580.0	3444.8	3223.1	2995.9	2768.8	2487.6	2195.6	1957.6	1871.1

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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°	3109.5	3114.9	3071.6	2985.1	2866.1	2676.9	2455.1	2228.0	2017.1	1930.6	1903.6
-25°	2752.6	2741.8	2693.1	2612.0	2487.6	2336.2	2190.2	2038.7	1979.3	1957.6	1995.5
-27.5°	2330.8	2347.0	2325.4	2287.5	2206.4	2098.2	2065.8	2022.5	2033.3	2065.8	2211.8
-30°	2082.0	2098.2	2119.9	2136.1	2109.0	2082.0	2092.8	2125.3	2195.6	2320.0	2374.0
-32.5°	2082.0	2087.4	2119.9	2152.3	2168.5	2190.2	2249.7	2357.8	2460.6	2428.1	2417.3
-35°	2271.3	2255.1	2298.3	2341.6	2401.1	2476.8	2541.7	2520.0	2482.2	2471.4	2482.2
-37.5°	2812.1	2709.3	2666.1	2639.0	2622.8	2612.0	2595.8	2579.5	2563.3	2552.5	2568.7
-40°	2806.7	2779.6	2752.6	2730.9	2714.7	2693.1	2682.3	2676.9	2660.6	2649.8	2639.0
-42.5°	2795.8	2806.7	2806.7	2801.2	2806.7	2801.2	2785.0	2763.4	2736.4	2714.7	2693.1
-45°	2877.0	2882.4	2893.2	2904.0	2920.2	2898.6	2866.1	2828.3	2790.4	2758.0	2730.9
-47.5°	2925.6	2931.0	2941.9	2958.1	2968.9	2947.3	2904.0	2855.3	2795.8	2741.8	2687.7
-50°	2941.9	2958.1	2963.5	2963.5	2958.1	2931.0	2866.1	2795.8	2730.9	2676.9	2628.2
-52.5°	2866.1	2882.4	2887.8	2877.0	2871.6	2844.5	2785.0	2720.1	2649.8	2612.0	2568.7
-55°	2741.8	2763.4	2779.6	2779.6	2779.6	2774.2	2720.1	2660.6	2606.6	2563.3	2520.0
-57.5°	2693.1	2730.9	2763.4	2768.8	2774.2	2779.6	2741.8	2682.3	2617.4	2552.5	2498.4
-60°	2871.6	2904.0	2920.2	2898.6	2882.4	2866.1	2806.7	2736.4	2671.5	2606.6	2503.8
-62.5°	2822.9	2877.0	2904.0	2887.8	2866.1	2839.1	2774.2	2693.1	2617.4	2547.1	2444.3
-65°	2666.1	2714.7	2747.2	2720.1	2687.7	2649.8	2590.3	2514.6	2444.3	2374.0	2282.1
-67.5°	2401.1	2471.4	2525.5	2466.0	2422.7	2374.0	2325.4	2260.5	2190.2	2109.0	2022.5
-70°	1984.7	2038.7	2087.4	2071.2	2060.4	2049.6	2017.1	1952.2	1892.7	1827.8	1752.1
-72.5°	1595.3	1644.0	1687.2	1660.2	1638.6	1606.1	1557.5	1487.2	1416.8	1346.5	1276.2
-75°	881.5	897.7	913.9	908.5	908.5	908.5	908.5	913.9	903.1	886.9	854.4
-77.5°	676.0	697.6	713.8	724.6	740.9	762.5	778.7	751.7	724.6	697.6	665.2
-80°	530.0	551.6	567.8	627.3	670.6	719.2	751.7	713.8	676.0	643.5	616.5
-82.5°	400.2	416.4	432.6	465.1	486.7	513.7	535.4	535.4	530.0	524.6	508.3
-85°	292.0	313.7	335.3	346.1	362.3	362.3	367.7	346.1	324.5	308.2	286.6
-87.5°	167.6	173.1	173.1	173.1	178.5	178.5	178.5	167.6	162.2	151.4	146.0
-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°	5.4	5.4	5.4	10.8	10.8	16.2	16.2	21.6	21.6	27.0	27.0
85°	32.4	32.4	32.4	37.9	37.9	43.3	48.7	54.1	59.5	59.5	64.9
82.5°	54.1	59.5	64.9	70.3	75.7	81.1	86.5	91.9	108.2	119.0	124.4
80°	54.1	59.5	75.7	86.5	97.3	108.2	108.2	108.2	108.2	113.6	124.4
77.5°	37.9	43.3	48.7	59.5	86.5	108.2	124.4	135.2	124.4	119.0	108.2
75°	21.6	27.0	32.4	37.9	54.1	75.7	102.7	129.8	151.4	146.0	135.2
72.5°	21.6	21.6	27.0	32.4	37.9	43.3	48.7	75.7	108.2	135.2	151.4
70°	21.6	27.0	27.0	32.4	37.9	43.3	48.7	59.5	75.7	108.2	140.6
67.5°	21.6	27.0	27.0	37.9	48.7	54.1	59.5	54.1	48.7	70.3	102.7
65°	21.6	21.6	27.0	32.4	37.9	43.3	59.5	59.5	54.1	54.1	54.1
62.5°	32.4	32.4	32.4	32.4	37.9	37.9	37.9	48.7	48.7	48.7	48.7
60°	64.9	59.5	59.5	59.5	59.5	48.7	48.7	48.7	43.3	48.7	43.3
57.5°	156.8	129.8	119.0	119.0	102.7	97.3	81.1	59.5	59.5	48.7	48.7
55°	319.1	302.8	254.2	210.9	189.3	167.6	129.8	108.2	81.1	64.9	59.5
52.5°	492.1	448.8	405.6	351.5	297.4	254.2	216.3	167.6	135.2	97.3	75.7
50°	643.5	605.7	557.0	497.5	427.2	373.1	319.1	254.2	200.1	151.4	108.2
47.5°	876.1	800.4	740.9	670.6	589.5	513.7	443.4	367.7	281.2	221.7	167.6
45°	1124.8	1016.7	935.6	870.7	762.5	659.8	578.6	497.5	394.8	292.0	227.1
42.5°	1297.9	1216.8	1108.6	1022.1	924.7	816.6	708.4	621.9	513.7	394.8	292.0
40°	1389.8	1335.7	1249.2	1173.5	1070.7	951.8	838.2	751.7	638.1	508.3	367.7
37.5°	1460.1	1433.1	1389.8	1330.3	1233.0	1092.4	978.8	876.1	778.7	627.3	475.9
35°	1541.2	1535.8	1508.8	1481.7	1400.6	1265.4	1130.2	1011.3	892.3	751.7	584.0
32.5°	1616.9	1611.5	1595.3	1584.5	1552.0	1433.1	1287.1	1151.9	1016.7	870.7	686.8
30°	1654.8	1644.0	1644.0	1654.8	1622.3	1546.6	1438.5	1292.5	1141.0	968.0	794.9
27.5°	1654.8	1644.0	1649.4	1665.6	1660.2	1622.3	1541.2	1422.3	1254.6	1059.9	892.3
25°	1584.5	1638.6	1638.6	1660.2	1665.6	1654.8	1611.5	1535.8	1362.8	1157.3	968.0
22.5°	1487.2	1616.9	1665.6	1660.2	1665.6	1692.6	1698.1	1627.8	1465.5	1254.6	1043.7
20°	1487.2	1579.1	1719.7	1681.8	1692.6	1752.1	1779.2	1719.7	1573.7	1346.5	1119.4
17.5°	1519.6	1579.1	1698.1	1757.5	1773.8	1822.4	1865.7	1827.8	1671.0	1443.9	1222.2
15°	1611.5	1600.7	1681.8	1827.8	1854.9	1892.7	1941.4	1898.1	1757.5	1552.0	1319.5
12.5°	1676.4	1616.9	1681.8	1838.7	1925.2	1963.0	1979.3	1946.8	1833.3	1649.4	1416.8
10°	1762.9	1660.2	1692.6	1827.8	1952.2	1979.3	1995.5	1984.7	1903.6	1730.5	1503.4
7.5°	1827.8	1681.8	1681.8	1811.6	1979.3	2000.9	2011.7	2022.5	1963.0	1800.8	1579.1
5°	1854.9	1681.8	1671.0	1795.4	2006.3	2027.9	2027.9	2044.2	2006.3	1854.9	1633.2
2.5°	1860.3	1676.4	1660.2	1784.6	2055.0	2055.0	2044.2	2060.4	2038.7	1887.3	1671.0
0°	1887.3	1671.0	1654.8	1800.8	2109.0	2087.4	2060.4	2065.8	2055.0	1903.6	1692.6
-2.5°	1887.3	1698.1	1676.4	1811.6	2103.6	2098.2	2087.4	2092.8	2082.0	1952.2	1735.9
-5°	1914.4	1735.9	1714.3	1860.3	2098.2	2114.5	2119.9	2119.9	2103.6	1984.7	1762.9
-7.5°	1919.8	1762.9	1757.5	1909.0	2109.0	2136.1	2152.3	2163.1	2130.7	2006.3	1784.6
-10°	1892.7	1773.8	1800.8	1968.4	2119.9	2157.7	2190.2	2206.4	2152.3	2017.1	1795.4
-12.5°	1833.3	1773.8	1844.1	2044.2	2146.9	2190.2	2238.8	2244.2	2173.9	2022.5	1800.8
-15°	1827.8	1817.0	1919.8	2119.9	2163.1	2217.2	2292.9	2276.7	2190.2	2022.5	1800.8
-17.5°	1822.4	1876.5	2033.3	2146.9	2190.2	2249.7	2309.1	2292.9	2201.0	2022.5	1790.0
-20°	1871.1	1973.9	2168.5	2173.9	2222.6	2287.5	2320.0	2287.5	2184.8	2006.3	1773.8

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1952.2	2146.9	2211.8	2233.4	2276.7	2325.4	2341.6	2292.9	2168.5	1979.3	1746.7
-25°	2157.7	2255.1	2255.1	2303.7	2347.0	2368.6	2352.4	2298.3	2146.9	1952.2	1719.7
-27.5°	2314.5	2309.1	2336.2	2384.8	2422.7	2422.7	2379.4	2271.3	2114.5	1925.2	1681.8
-30°	2374.0	2379.4	2417.3	2471.4	2482.2	2455.1	2390.3	2249.7	2087.4	1881.9	1633.2
-32.5°	2433.5	2455.1	2503.8	2530.9	2536.3	2482.2	2363.2	2211.8	2044.2	1833.3	1579.1
-35°	2503.8	2547.1	2574.1	2579.5	2552.5	2460.6	2325.4	2163.1	1979.3	1762.9	1530.4
-37.5°	2595.8	2617.4	2633.6	2612.0	2536.3	2428.1	2260.5	2098.2	1919.8	1687.2	1460.1
-40°	2655.2	2666.1	2671.5	2601.2	2509.2	2352.4	2190.2	2022.5	1817.0	1600.7	1384.4
-42.5°	2693.1	2682.3	2639.0	2563.3	2428.1	2276.7	2119.9	1930.6	1725.1	1514.2	1303.3
-45°	2682.3	2644.4	2579.5	2487.6	2347.0	2195.6	2011.7	1822.4	1627.8	1422.3	1211.4
-47.5°	2639.0	2579.5	2498.4	2390.3	2260.5	2076.6	1892.7	1708.9	1519.6	1319.5	1124.8
-50°	2584.9	2514.6	2417.3	2282.1	2109.0	1941.4	1773.8	1595.3	1400.6	1216.8	1043.7
-52.5°	2525.5	2449.7	2325.4	2173.9	1984.7	1811.6	1649.4	1476.3	1297.9	1124.8	973.4
-55°	2460.6	2384.8	2244.2	2071.2	1881.9	1692.6	1535.8	1389.8	1216.8	1049.1	913.9
-57.5°	2428.1	2330.8	2184.8	2011.7	1811.6	1616.9	1481.7	1324.9	1168.1	995.0	865.3
-60°	2401.1	2303.7	2168.5	1968.4	1779.2	1595.3	1438.5	1287.1	1119.4	957.2	827.4
-62.5°	2325.4	2222.6	2098.2	1903.6	1719.7	1552.0	1411.4	1233.0	1070.7	919.3	800.4
-65°	2173.9	2065.8	1957.6	1784.6	1616.9	1460.1	1319.5	1157.3	1005.9	876.1	773.3
-67.5°	1936.0	1844.1	1746.7	1600.7	1460.1	1319.5	1189.7	1049.1	924.7	832.8	778.7
-70°	1671.0	1573.7	1476.3	1357.4	1238.4	1124.8	1022.1	919.3	838.2	789.5	746.3
-72.5°	1216.8	1173.5	1124.8	1032.9	935.6	865.3	816.6	773.3	713.8	670.6	643.5
-75°	811.2	751.7	676.0	643.5	648.9	638.1	611.1	578.6	551.6	535.4	497.5
-77.5°	632.7	600.3	562.4	524.6	508.3	492.1	470.5	443.4	421.8	384.0	329.9
-80°	584.0	557.0	530.0	502.9	475.9	438.0	394.8	351.5	329.9	313.7	308.2
-82.5°	481.3	448.8	416.4	389.4	351.5	324.5	297.4	275.8	275.8	270.4	265.0
-85°	275.8	265.0	248.8	237.9	227.1	210.9	194.7	183.9	178.5	173.1	167.6
-87.5°	140.6	135.2	124.4	119.0	113.6	108.2	97.3	91.9	86.5	86.5	81.1
-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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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°	27.0	27.0	21.6	21.6	21.6	16.2	10.8	10.8	5.4	5.4	0.0
85°	64.9	54.1	48.7	43.3	43.3	32.4	21.6	16.2	10.8	5.4	5.4
82.5°	124.4	108.2	91.9	81.1	64.9	48.7	37.9	27.0	16.2	10.8	5.4
80°	140.6	140.6	135.2	113.6	91.9	70.3	48.7	32.4	21.6	16.2	10.8
77.5°	108.2	119.0	119.0	119.0	113.6	86.5	59.5	37.9	21.6	16.2	10.8
75°	124.4	108.2	102.7	108.2	102.7	86.5	70.3	43.3	27.0	21.6	10.8
72.5°	151.4	129.8	113.6	108.2	97.3	81.1	64.9	48.7	27.0	21.6	16.2
70°	140.6	135.2	124.4	113.6	97.3	81.1	64.9	48.7	32.4	21.6	16.2
67.5°	124.4	124.4	124.4	113.6	97.3	75.7	59.5	43.3	32.4	21.6	16.2
65°	86.5	102.7	113.6	108.2	97.3	75.7	59.5	43.3	32.4	27.0	16.2
62.5°	54.1	70.3	91.9	102.7	91.9	75.7	54.1	43.3	32.4	27.0	16.2
60°	48.7	54.1	64.9	81.1	86.5	70.3	54.1	37.9	32.4	27.0	16.2
57.5°	48.7	48.7	54.1	64.9	70.3	64.9	48.7	32.4	32.4	27.0	21.6
55°	54.1	48.7	48.7	54.1	59.5	59.5	48.7	32.4	32.4	27.0	21.6
52.5°	64.9	54.1	48.7	48.7	48.7	54.1	43.3	32.4	32.4	27.0	21.6
50°	81.1	64.9	59.5	48.7	48.7	48.7	43.3	32.4	27.0	27.0	21.6
47.5°	108.2	86.5	64.9	59.5	48.7	43.3	37.9	32.4	27.0	27.0	21.6
45°	162.2	102.7	86.5	64.9	54.1	48.7	43.3	32.4	27.0	27.0	21.6
42.5°	221.7	151.4	108.2	75.7	59.5	48.7	43.3	37.9	27.0	27.0	21.6
40°	281.2	205.5	135.2	97.3	70.3	54.1	43.3	37.9	32.4	27.0	21.6
37.5°	346.1	254.2	178.5	124.4	81.1	59.5	48.7	37.9	32.4	27.0	21.6
35°	427.2	319.1	221.7	151.4	97.3	70.3	54.1	37.9	32.4	27.0	21.6
32.5°	519.2	378.5	265.0	183.9	124.4	86.5	59.5	43.3	32.4	27.0	21.6
30°	605.7	448.8	313.7	221.7	151.4	97.3	64.9	43.3	32.4	27.0	16.2
27.5°	692.2	519.2	373.1	259.6	183.9	113.6	70.3	48.7	32.4	27.0	21.6
25°	778.7	589.5	432.6	297.4	210.9	135.2	86.5	54.1	32.4	27.0	21.6
22.5°	854.4	659.8	486.7	340.7	243.4	156.8	97.3	59.5	37.9	27.0	21.6
20°	941.0	735.5	546.2	389.4	270.4	178.5	108.2	64.9	37.9	27.0	21.6
17.5°	1022.1	811.2	605.7	432.6	302.8	200.1	124.4	70.3	43.3	27.0	21.6
15°	1103.2	881.5	659.8	475.9	335.3	221.7	135.2	75.7	48.7	27.0	21.6
12.5°	1178.9	946.4	708.4	513.7	362.3	243.4	146.0	81.1	54.1	27.0	21.6
10°	1249.2	1005.9	757.1	546.2	389.4	259.6	156.8	91.9	59.5	27.0	21.6
7.5°	1319.5	1054.5	794.9	578.6	421.8	281.2	167.6	97.3	64.9	32.4	21.6
5°	1362.8	1097.8	827.4	605.7	448.8	302.8	178.5	102.7	70.3	32.4	21.6
2.5°	1400.6	1130.2	849.0	632.7	475.9	319.1	178.5	108.2	75.7	32.4	21.6
0°	1422.3	1151.9	865.3	648.9	497.5	329.9	183.9	113.6	81.1	32.4	21.6
-2.5°	1470.9	1189.7	903.1	670.6	519.2	362.3	194.7	119.0	86.5	37.9	21.6
-5°	1503.4	1211.4	930.1	692.2	535.4	394.8	210.9	129.8	97.3	48.7	27.0
-7.5°	1530.4	1233.0	951.8	703.0	551.6	405.6	216.3	135.2	102.7	54.1	27.0
-10°	1535.8	1243.8	968.0	719.2	562.4	421.8	221.7	140.6	108.2	59.5	27.0
-12.5°	1541.2	1254.6	973.4	730.1	573.2	432.6	227.1	146.0	113.6	64.9	27.0
-15°	1535.8	1249.2	973.4	740.9	578.6	421.8	237.9	151.4	119.0	70.3	27.0
-17.5°	1525.0	1243.8	968.0	735.5	573.2	411.0	243.4	162.2	119.0	75.7	32.4
-20°	1508.8	1227.6	957.2	730.1	567.8	400.2	248.8	167.6	124.4	75.7	32.4

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CATALOG NUMBER: IFLD-S-SA6E-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1481.7	1200.5	935.6	713.8	557.0	389.4	248.8	178.5	129.8	75.7	32.4
-25°	1449.3	1173.5	913.9	692.2	540.8	373.1	248.8	183.9	135.2	75.7	32.4
-27.5°	1411.4	1146.5	881.5	676.0	519.2	362.3	248.8	189.3	140.6	75.7	32.4
-30°	1368.2	1108.6	854.4	648.9	502.9	362.3	254.2	194.7	146.0	75.7	32.4
-32.5°	1324.9	1070.7	822.0	627.3	481.3	356.9	254.2	200.1	151.4	70.3	37.9
-35°	1276.2	1027.5	794.9	611.1	465.1	346.1	259.6	200.1	146.0	70.3	37.9
-37.5°	1216.8	973.4	767.9	594.9	454.3	335.3	259.6	205.5	140.6	70.3	37.9
-40°	1151.9	930.1	735.5	573.2	438.0	329.9	259.6	205.5	135.2	70.3	43.3
-42.5°	1081.6	881.5	703.0	551.6	421.8	324.5	259.6	205.5	129.8	70.3	43.3
-45°	1016.7	832.8	665.2	524.6	405.6	324.5	259.6	200.1	119.0	75.7	43.3
-47.5°	946.4	778.7	621.9	497.5	400.2	319.1	254.2	189.3	108.2	75.7	43.3
-50°	886.9	724.6	589.5	470.5	389.4	324.5	259.6	173.1	108.2	75.7	43.3
-52.5°	827.4	686.8	551.6	459.7	378.5	329.9	254.2	162.2	108.2	75.7	43.3
-55°	778.7	648.9	530.0	443.4	389.4	340.7	243.4	146.0	108.2	75.7	43.3
-57.5°	740.9	627.3	513.7	448.8	405.6	329.9	227.1	140.6	108.2	70.3	43.3
-60°	713.8	605.7	519.2	470.5	411.0	313.7	216.3	140.6	108.2	70.3	37.9
-62.5°	692.2	611.1	546.2	486.7	389.4	292.0	205.5	140.6	97.3	64.9	37.9
-65°	697.6	632.7	557.0	465.1	373.1	270.4	189.3	135.2	91.9	59.5	37.9
-67.5°	713.8	616.5	524.6	438.0	335.3	243.4	173.1	124.4	86.5	59.5	37.9
-70°	659.8	567.8	475.9	373.1	286.6	210.9	162.2	113.6	75.7	54.1	37.9
-72.5°	594.9	475.9	378.5	302.8	243.4	194.7	146.0	102.7	70.3	48.7	32.4
-75°	432.6	346.1	281.2	254.2	216.3	173.1	129.8	91.9	64.9	48.7	32.4
-77.5°	308.2	286.6	259.6	232.5	194.7	151.4	113.6	86.5	59.5	43.3	27.0
-80°	302.8	275.8	243.4	200.1	162.2	129.8	97.3	75.7	54.1	37.9	21.6
-82.5°	254.2	216.3	183.9	151.4	124.4	102.7	81.1	59.5	43.3	27.0	16.2
-85°	156.8	135.2	119.0	102.7	86.5	70.3	54.1	37.9	27.0	16.2	10.8
-87.5°	75.7	70.3	59.5	48.7	43.3	32.4	27.0	21.6	16.2	10.8	5.4
-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):

	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°	5.4	0.0	0.0	0.0
80°	5.4	0.0	0.0	0.0
77.5°	5.4	0.0	0.0	0.0
75°	5.4	5.4	0.0	0.0
72.5°	5.4	5.4	0.0	0.0
70°	10.8	5.4	5.4	0.0
67.5°	10.8	5.4	5.4	0.0
65°	10.8	5.4	5.4	0.0
62.5°	10.8	5.4	5.4	0.0
60°	10.8	5.4	5.4	0.0
57.5°	10.8	5.4	5.4	0.0
55°	10.8	5.4	5.4	0.0
52.5°	10.8	5.4	5.4	0.0
50°	10.8	5.4	5.4	0.0
47.5°	10.8	10.8	5.4	0.0
45°	10.8	10.8	5.4	0.0
42.5°	10.8	10.8	5.4	0.0
40°	10.8	10.8	5.4	0.0
37.5°	10.8	10.8	5.4	0.0
35°	10.8	10.8	5.4	0.0
32.5°	16.2	10.8	5.4	0.0
30°	16.2	10.8	10.8	0.0
27.5°	16.2	10.8	10.8	0.0
25°	16.2	10.8	10.8	0.0
22.5°	16.2	10.8	10.8	0.0
20°	16.2	10.8	10.8	0.0
17.5°	16.2	10.8	10.8	0.0
15°	16.2	10.8	10.8	0.0
12.5°	16.2	10.8	10.8	0.0
10°	16.2	10.8	10.8	0.0
7.5°	16.2	10.8	10.8	0.0
5°	16.2	10.8	10.8	0.0
2.5°	16.2	10.8	10.8	0.0
0°	16.2	10.8	10.8	0.0
-2.5°	16.2	10.8	10.8	0.0
-5°	16.2	10.8	10.8	0.0
-7.5°	16.2	10.8	10.8	0.0
-10°	16.2	10.8	10.8	0.0
-12.5°	21.6	10.8	10.8	0.0
-15°	21.6	10.8	10.8	0.0
-17.5°	21.6	10.8	10.8	0.0
-20°	21.6	10.8	10.8	0.0

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CATALOG NUMBER: IFLD-S-SA6E-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	21.6	10.8	10.8	0.0
-25°	21.6	10.8	10.8	0.0
-27.5°	21.6	10.8	10.8	0.0
-30°	21.6	10.8	10.8	0.0
-32.5°	21.6	10.8	10.8	0.0
-35°	21.6	10.8	10.8	0.0
-37.5°	21.6	10.8	10.8	0.0
-40°	21.6	10.8	10.8	0.0
-42.5°	16.2	10.8	5.4	0.0
-45°	21.6	10.8	5.4	0.0
-47.5°	21.6	10.8	5.4	0.0
-50°	21.6	10.8	5.4	0.0
-52.5°	21.6	10.8	5.4	0.0
-55°	21.6	10.8	5.4	0.0
-57.5°	21.6	10.8	5.4	0.0
-60°	21.6	10.8	5.4	0.0
-62.5°	21.6	10.8	5.4	0.0
-65°	21.6	10.8	5.4	0.0
-67.5°	21.6	10.8	5.4	0.0
-70°	21.6	5.4	5.4	0.0
-72.5°	16.2	5.4	5.4	0.0
-75°	16.2	5.4	5.4	0.0
-77.5°	10.8	5.4	0.0	0.0
-80°	10.8	5.4	0.0	0.0
-82.5°	10.8	5.4	0.0	0.0
-85°	5.4	0.0	0.0	0.0
-87.5°	5.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)