

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: P723797

Luminaire Tested: **IFLD-M-SA4E-760-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723797
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-760-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19605.2 lumens	Max Intensity:	461241.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	7109.7 lumens	Field Lumens:	11334.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

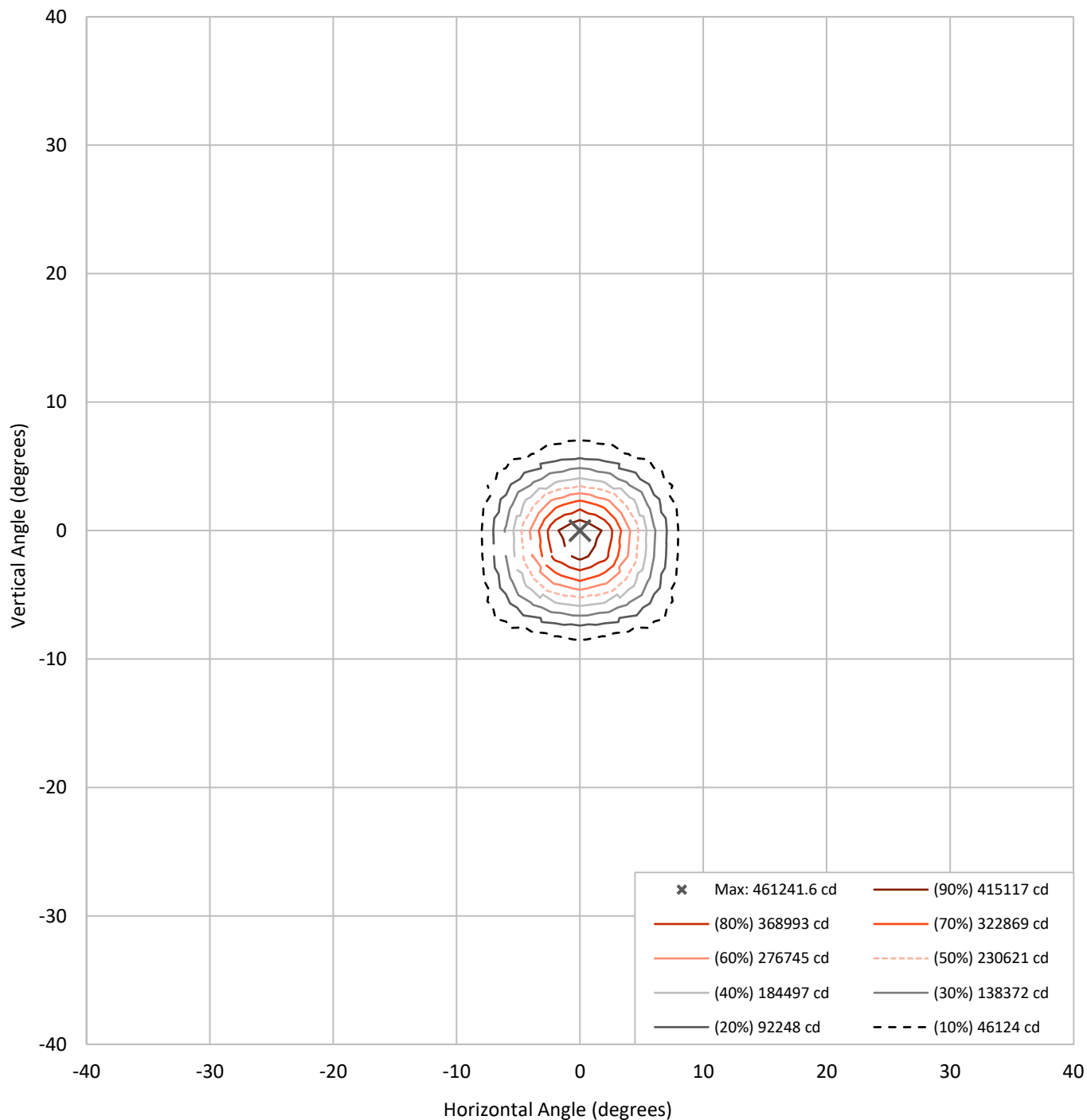
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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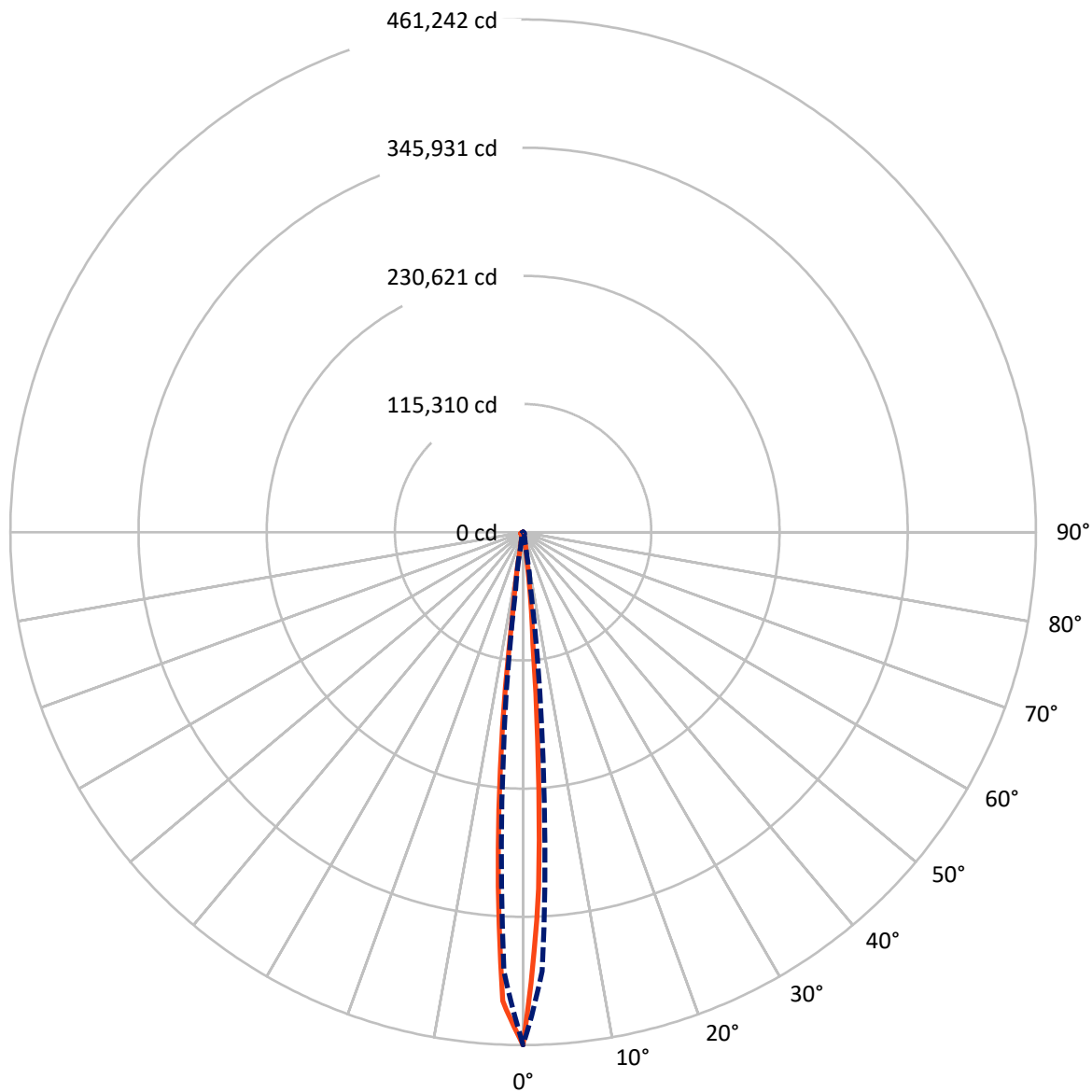
Lumen Table

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Luminous Intensity Polar Plot



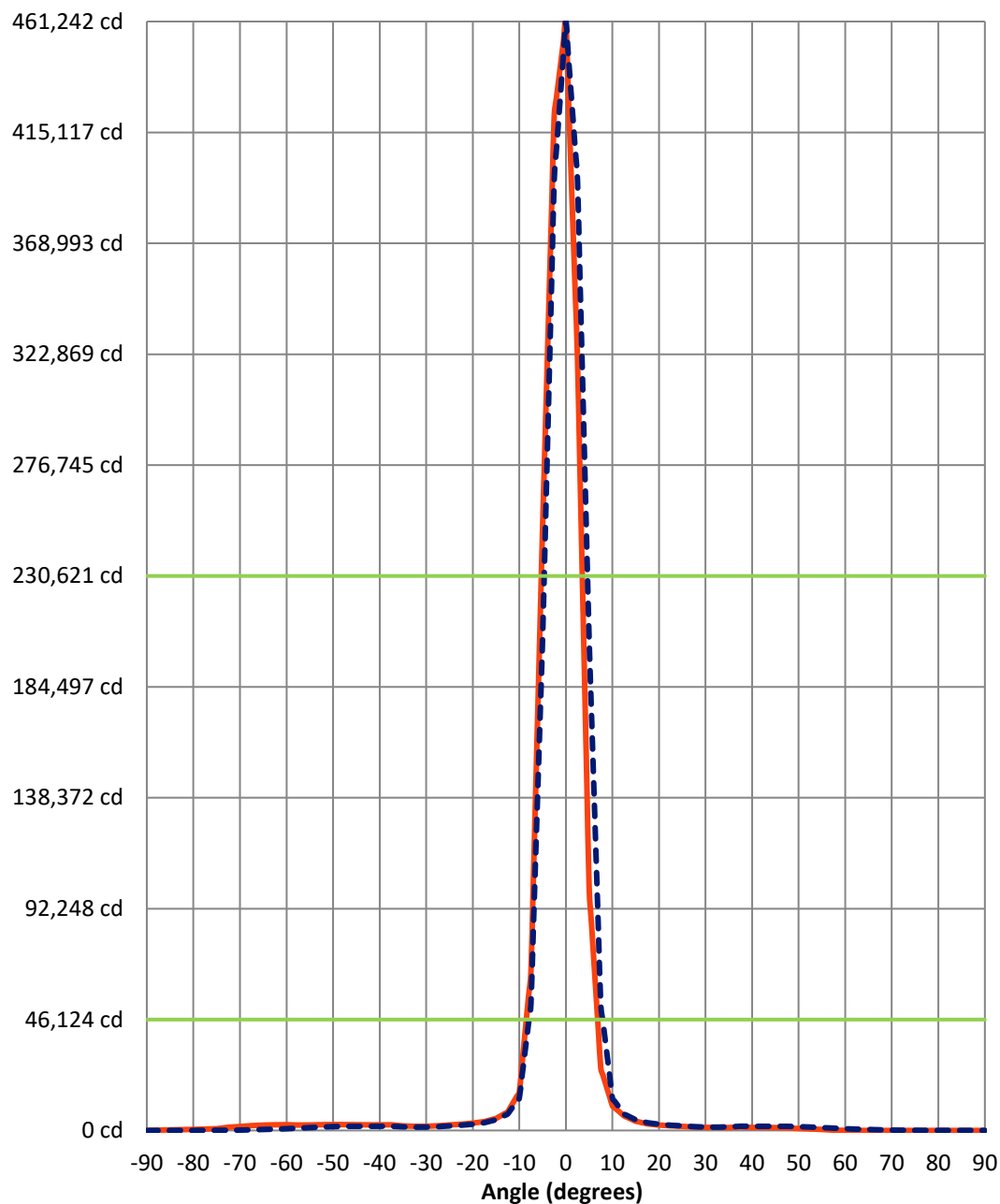
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7109.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11334.2

Efficiency: 57.8%

Spill:

Lumens: 8271

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	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	0.0	4.5	4.5	9.1	9.1	9.1	13.6	18.1	22.6	22.6	27.2
82.5°	0.0	4.5	4.5	9.1	9.1	13.6	13.6	22.6	27.2	31.7	40.7
80°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.1	22.6	31.7	36.2
77.5°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	13.6	18.1	22.6	27.2
75°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	9.1	13.6	13.6	18.1
72.5°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	9.1	13.6	13.6	13.6
70°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	9.1	13.6	13.6	13.6
67.5°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	9.1	13.6	13.6	13.6
65°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	13.6	13.6	13.6	13.6
62.5°	4.5	4.5	4.5	9.1	13.6	13.6	18.1	22.6	22.6	22.6	22.6
60°	45.3	49.8	54.3	54.3	49.8	49.8	54.3	54.3	54.3	54.3	54.3
57.5°	122.2	131.2	135.8	135.8	135.8	131.2	149.4	153.9	135.8	126.7	140.3
55°	425.4	439.0	430.0	416.4	389.2	357.5	348.5	344.0	348.5	325.9	289.7
52.5°	620.0	633.6	629.1	620.0	601.9	579.3	561.2	543.1	525.0	488.8	448.1
50°	805.6	810.1	805.6	796.5	778.4	755.8	719.6	678.9	642.7	633.6	597.4
47.5°	1013.8	1027.4	1027.4	1022.8	1009.3	968.5	914.2	855.4	828.2	819.2	783.0
45°	1199.3	1208.4	1212.9	1217.4	1212.9	1172.2	1122.4	1090.7	1031.9	1013.8	1013.8
42.5°	1249.1	1253.6	1258.2	1262.7	1276.3	1244.6	1203.9	1149.6	1136.0	1131.4	1122.4
40°	1267.2	1258.2	1262.7	1267.2	1271.7	1249.1	1217.4	1185.8	1176.7	1167.7	1167.7
37.5°	1439.2	1398.5	1366.8	1339.6	1317.0	1294.4	1262.7	1235.5	1212.9	1194.8	1212.9
35°	1226.5	1226.5	1258.2	1285.3	1312.5	1339.6	1344.2	1312.5	1262.7	1240.1	1271.7
32.5°	1253.6	1253.6	1253.6	1262.7	1271.7	1294.4	1317.0	1330.6	1366.8	1326.1	1326.1
30°	1280.8	1285.3	1294.4	1298.9	1285.3	1276.3	1267.2	1267.2	1289.9	1348.7	1380.4
27.5°	1439.2	1439.2	1425.6	1407.5	1366.8	1303.4	1271.7	1226.5	1231.0	1258.2	1335.1
25°	1697.2	1688.1	1656.4	1611.2	1538.8	1448.3	1362.3	1267.2	1226.5	1212.9	1244.6
22.5°	1941.6	1928.0	1887.3	1846.5	1787.7	1697.2	1552.3	1407.5	1280.8	1226.5	1212.9
20°	2253.8	2222.2	2176.9	2113.5	2018.5	1928.0	1801.3	1611.2	1425.6	1285.3	1231.0
17.5°	2756.2	2715.5	2629.5	2516.3	2353.4	2213.1	2032.1	1851.0	1642.9	1416.6	1294.4
15°	3856.0	3751.9	3602.5	3290.3	2968.9	2701.9	2430.4	2127.1	1914.4	1615.7	1430.2
12.5°	6064.6	5779.4	5345.0	4616.3	3896.7	3276.7	2837.7	2448.5	2104.5	1828.4	1565.9
10°	10264.5	9653.5	8454.2	6462.8	5136.8	3996.3	3208.8	2688.3	2253.8	1968.7	1679.1
7.5°	25959.9	21176.2	14984.9	10232.8	6720.8	4883.3	3670.4	2914.6	2412.2	2059.2	1769.6
5°	101178.6	83347.0	44461.4	18555.7	10110.6	5906.2	4086.8	3095.6	2516.3	2127.1	1837.5
2.5°	321109.5	277299.8	145486.1	39944.6	12414.2	6652.9	4371.9	3208.8	2575.2	2176.9	1887.3
0°	461241.6	395300.8	204181.1	52535.4	13464.2	6843.0	4462.4	3231.4	2584.2	2186.0	1887.3
-2.5°	421957.7	369295.6	197238.6	48887.6	13758.4	6897.3	4534.8	3308.4	2652.1	2226.7	1900.8
-5°	250724.4	219921.8	137588.6	34857.7	12224.2	6404.0	4344.8	3240.5	2606.9	2204.1	1891.8
-7.5°	66058.5	57187.9	37618.4	18189.2	7911.1	5417.4	3991.7	3127.3	2548.0	2163.3	1855.6
-10°	15926.3	15093.5	13482.3	8264.1	6159.6	4525.8	3539.2	2923.7	2430.4	2109.0	1796.7
-12.5°	7680.3	7499.2	6806.8	5612.0	4571.1	3760.9	3204.3	2710.9	2321.7	2014.0	1715.3
-15°	4996.5	4892.4	4657.0	4199.9	3670.4	3281.2	2892.0	2493.7	2186.0	1873.7	1647.4
-17.5°	3697.6	3693.0	3575.4	3403.4	3140.9	2851.2	2566.1	2312.7	2014.0	1747.0	1575.0
-20°	3064.0	3064.0	2996.1	2882.9	2697.4	2507.3	2317.2	2081.9	1837.5	1638.3	1565.9

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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°	2602.3	2606.9	2570.7	2498.2	2398.7	2240.3	2054.7	1864.6	1688.1	1615.7	1593.1
-25°	2303.6	2294.6	2253.8	2186.0	2081.9	1955.1	1832.9	1706.2	1656.4	1638.3	1670.0
-27.5°	1950.6	1964.2	1946.1	1914.4	1846.5	1756.0	1728.9	1692.6	1701.7	1728.9	1851.0
-30°	1742.4	1756.0	1774.1	1787.7	1765.1	1742.4	1751.5	1778.6	1837.5	1941.6	1986.8
-32.5°	1742.4	1747.0	1774.1	1801.3	1814.8	1832.9	1882.7	1973.2	2059.2	2032.1	2023.0
-35°	1900.8	1887.3	1923.5	1959.7	2009.5	2072.8	2127.1	2109.0	2077.3	2068.3	2077.3
-37.5°	2353.4	2267.4	2231.2	2208.6	2195.0	2186.0	2172.4	2158.8	2145.2	2136.2	2149.8
-40°	2348.9	2326.3	2303.6	2285.5	2271.9	2253.8	2244.8	2240.3	2226.7	2217.6	2208.6
-42.5°	2339.8	2348.9	2348.9	2344.4	2348.9	2344.4	2330.8	2312.7	2290.1	2271.9	2253.8
-45°	2407.7	2412.2	2421.3	2430.4	2443.9	2425.8	2398.7	2367.0	2335.3	2308.2	2285.5
-47.5°	2448.5	2453.0	2462.0	2475.6	2484.7	2466.6	2430.4	2389.6	2339.8	2294.6	2249.3
-50°	2462.0	2475.6	2480.1	2480.1	2475.6	2453.0	2398.7	2339.8	2285.5	2240.3	2199.5
-52.5°	2398.7	2412.2	2416.8	2407.7	2403.2	2380.6	2330.8	2276.5	2217.6	2186.0	2149.8
-55°	2294.6	2312.7	2326.3	2326.3	2326.3	2321.7	2276.5	2226.7	2181.4	2145.2	2109.0
-57.5°	2253.8	2285.5	2312.7	2317.2	2321.7	2326.3	2294.6	2244.8	2190.5	2136.2	2090.9
-60°	2403.2	2430.4	2443.9	2425.8	2412.2	2398.7	2348.9	2290.1	2235.7	2181.4	2095.4
-62.5°	2362.5	2407.7	2430.4	2416.8	2398.7	2376.0	2321.7	2253.8	2190.5	2131.6	2045.7
-65°	2231.2	2271.9	2299.1	2276.5	2249.3	2217.6	2167.9	2104.5	2045.7	1986.8	1909.9
-67.5°	2009.5	2068.3	2113.5	2063.8	2027.6	1986.8	1946.1	1891.8	1832.9	1765.1	1692.6
-70°	1661.0	1706.2	1747.0	1733.4	1724.3	1715.3	1688.1	1633.8	1584.0	1529.7	1466.4
-72.5°	1335.1	1375.8	1412.0	1389.4	1371.3	1344.2	1303.4	1244.6	1185.8	1126.9	1068.1
-75°	737.7	751.3	764.9	760.3	760.3	760.3	760.3	764.9	755.8	742.2	715.1
-77.5°	565.7	583.8	597.4	606.5	620.0	638.1	651.7	629.1	606.5	583.8	556.7
-80°	443.5	461.6	475.2	525.0	561.2	601.9	629.1	597.4	565.7	538.6	515.9
-82.5°	334.9	348.5	362.1	389.2	407.3	430.0	448.1	448.1	443.5	439.0	425.4
-85°	244.4	262.5	280.6	289.7	303.2	303.2	307.8	289.7	271.5	258.0	239.9
-87.5°	140.3	144.8	144.8	144.8	149.4	149.4	149.4	140.3	135.8	126.7	122.2
-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°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.1	18.1	22.6	22.6
85°	27.2	27.2	27.2	31.7	31.7	36.2	40.7	45.3	49.8	49.8	54.3
82.5°	45.3	49.8	54.3	58.8	63.4	67.9	72.4	76.9	90.5	99.6	104.1
80°	45.3	49.8	63.4	72.4	81.5	90.5	90.5	90.5	90.5	95.0	104.1
77.5°	31.7	36.2	40.7	49.8	72.4	90.5	104.1	113.1	104.1	99.6	90.5
75°	18.1	22.6	27.2	31.7	45.3	63.4	86.0	108.6	126.7	122.2	113.1
72.5°	18.1	18.1	22.6	27.2	31.7	36.2	40.7	63.4	90.5	113.1	126.7
70°	18.1	22.6	22.6	27.2	31.7	36.2	40.7	49.8	63.4	90.5	117.7
67.5°	18.1	22.6	22.6	31.7	40.7	45.3	49.8	45.3	40.7	58.8	86.0
65°	18.1	18.1	22.6	27.2	31.7	36.2	49.8	49.8	45.3	45.3	45.3
62.5°	27.2	27.2	27.2	27.2	31.7	31.7	31.7	40.7	40.7	40.7	40.7
60°	54.3	49.8	49.8	49.8	49.8	40.7	40.7	40.7	36.2	40.7	36.2
57.5°	131.2	108.6	99.6	99.6	86.0	81.5	67.9	49.8	49.8	40.7	40.7
55°	267.0	253.4	212.7	176.5	158.4	140.3	108.6	90.5	67.9	54.3	49.8
52.5°	411.8	375.6	339.4	294.2	248.9	212.7	181.0	140.3	113.1	81.5	63.4
50°	538.6	506.9	466.2	416.4	357.5	312.3	267.0	212.7	167.5	126.7	90.5
47.5°	733.2	669.8	620.0	561.2	493.3	430.0	371.1	307.8	235.3	185.6	140.3
45°	941.4	850.8	783.0	728.7	638.1	552.1	484.3	416.4	330.4	244.4	190.1
42.5°	1086.2	1018.3	927.8	855.4	773.9	683.4	592.9	520.5	430.0	330.4	244.4
40°	1163.1	1117.9	1045.5	982.1	896.1	796.5	701.5	629.1	534.0	425.4	307.8
37.5°	1222.0	1199.3	1163.1	1113.3	1031.9	914.2	819.2	733.2	651.7	525.0	398.3
35°	1289.9	1285.3	1262.7	1240.1	1172.2	1059.0	945.9	846.3	746.8	629.1	488.8
32.5°	1353.2	1348.7	1335.1	1326.1	1298.9	1199.3	1077.1	964.0	850.8	728.7	574.8
30°	1384.9	1375.8	1375.8	1384.9	1357.7	1294.4	1203.9	1081.7	954.9	810.1	665.3
27.5°	1384.9	1375.8	1380.4	1393.9	1389.4	1357.7	1289.9	1190.3	1050.0	887.1	746.8
25°	1326.1	1371.3	1371.3	1389.4	1393.9	1384.9	1348.7	1285.3	1140.5	968.5	810.1
22.5°	1244.6	1353.2	1393.9	1389.4	1393.9	1416.6	1421.1	1362.3	1226.5	1050.0	873.5
20°	1244.6	1321.5	1439.2	1407.5	1416.6	1466.4	1489.0	1439.2	1317.0	1126.9	936.8
17.5°	1271.7	1321.5	1421.1	1470.9	1484.5	1525.2	1561.4	1529.7	1398.5	1208.4	1022.8
15°	1348.7	1339.6	1407.5	1529.7	1552.3	1584.0	1624.8	1588.6	1470.9	1298.9	1104.3
12.5°	1403.0	1353.2	1407.5	1538.8	1611.2	1642.9	1656.4	1629.3	1534.2	1380.4	1185.8
10°	1475.4	1389.4	1416.6	1529.7	1633.8	1656.4	1670.0	1661.0	1593.1	1448.3	1258.2
7.5°	1529.7	1407.5	1407.5	1516.1	1656.4	1674.5	1683.6	1692.6	1642.9	1507.1	1321.5
5°	1552.3	1407.5	1398.5	1502.6	1679.1	1697.2	1697.2	1710.7	1679.1	1552.3	1366.8
2.5°	1556.9	1403.0	1389.4	1493.5	1719.8	1719.8	1710.7	1724.3	1706.2	1579.5	1398.5
0°	1579.5	1398.5	1384.9	1507.1	1765.1	1747.0	1724.3	1728.9	1719.8	1593.1	1416.6
-2.5°	1579.5	1421.1	1403.0	1516.1	1760.5	1756.0	1747.0	1751.5	1742.4	1633.8	1452.8
-5°	1602.1	1452.8	1434.7	1556.9	1756.0	1769.6	1774.1	1774.1	1760.5	1661.0	1475.4
-7.5°	1606.7	1475.4	1470.9	1597.6	1765.1	1787.7	1801.3	1810.3	1783.2	1679.1	1493.5
-10°	1584.0	1484.5	1507.1	1647.4	1774.1	1805.8	1832.9	1846.5	1801.3	1688.1	1502.6
-12.5°	1534.2	1484.5	1543.3	1710.7	1796.7	1832.9	1873.7	1878.2	1819.4	1692.6	1507.1
-15°	1529.7	1520.7	1606.7	1774.1	1810.3	1855.6	1918.9	1905.4	1832.9	1692.6	1507.1
-17.5°	1525.2	1570.4	1701.7	1796.7	1832.9	1882.7	1932.5	1918.9	1842.0	1692.6	1498.0
-20°	1565.9	1651.9	1814.8	1819.4	1860.1	1914.4	1941.6	1914.4	1828.4	1679.1	1484.5

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CATALOG NUMBER: IFLD-M-SA4E-760-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°	1633.8	1796.7	1851.0	1869.2	1905.4	1946.1	1959.7	1918.9	1814.8	1656.4	1461.8
-25°	1805.8	1887.3	1887.3	1928.0	1964.2	1982.3	1968.7	1923.5	1796.7	1633.8	1439.2
-27.5°	1937.0	1932.5	1955.1	1995.9	2027.6	2027.6	1991.3	1900.8	1769.6	1611.2	1407.5
-30°	1986.8	1991.3	2023.0	2068.3	2077.3	2054.7	2000.4	1882.7	1747.0	1575.0	1366.8
-32.5°	2036.6	2054.7	2095.4	2118.1	2122.6	2077.3	1977.8	1851.0	1710.7	1534.2	1321.5
-35°	2095.4	2131.6	2154.3	2158.8	2136.2	2059.2	1946.1	1810.3	1656.4	1475.4	1280.8
-37.5°	2172.4	2190.5	2204.1	2186.0	2122.6	2032.1	1891.8	1756.0	1606.7	1412.0	1222.0
-40°	2222.2	2231.2	2235.7	2176.9	2100.0	1968.7	1832.9	1692.6	1520.7	1339.6	1158.6
-42.5°	2253.8	2244.8	2208.6	2145.2	2032.1	1905.4	1774.1	1615.7	1443.7	1267.2	1090.7
-45°	2244.8	2213.1	2158.8	2081.9	1964.2	1837.5	1683.6	1525.2	1362.3	1190.3	1013.8
-47.5°	2208.6	2158.8	2090.9	2000.4	1891.8	1737.9	1584.0	1430.2	1271.7	1104.3	941.4
-50°	2163.3	2104.5	2023.0	1909.9	1765.1	1624.8	1484.5	1335.1	1172.2	1018.3	873.5
-52.5°	2113.5	2050.2	1946.1	1819.4	1661.0	1516.1	1380.4	1235.5	1086.2	941.4	814.6
-55°	2059.2	1995.9	1878.2	1733.4	1575.0	1416.6	1285.3	1163.1	1018.3	878.0	764.9
-57.5°	2032.1	1950.6	1828.4	1683.6	1516.1	1353.2	1240.1	1108.8	977.6	832.7	724.1
-60°	2009.5	1928.0	1814.8	1647.4	1489.0	1335.1	1203.9	1077.1	936.8	801.1	692.4
-62.5°	1946.1	1860.1	1756.0	1593.1	1439.2	1298.9	1181.2	1031.9	896.1	769.4	669.8
-65°	1819.4	1728.9	1638.3	1493.5	1353.2	1222.0	1104.3	968.5	841.8	733.2	647.2
-67.5°	1620.2	1543.3	1461.8	1339.6	1222.0	1104.3	995.7	878.0	773.9	697.0	651.7
-70°	1398.5	1317.0	1235.5	1136.0	1036.4	941.4	855.4	769.4	701.5	660.8	624.6
-72.5°	1018.3	982.1	941.4	864.4	783.0	724.1	683.4	647.2	597.4	561.2	538.6
-75°	678.9	629.1	565.7	538.6	543.1	534.0	511.4	484.3	461.6	448.1	416.4
-77.5°	529.5	502.4	470.7	439.0	425.4	411.8	393.7	371.1	353.0	321.3	276.1
-80°	488.8	466.2	443.5	420.9	398.3	366.6	330.4	294.2	276.1	262.5	258.0
-82.5°	402.8	375.6	348.5	325.9	294.2	271.5	248.9	230.8	230.8	226.3	221.8
-85°	230.8	221.8	208.2	199.1	190.1	176.5	162.9	153.9	149.4	144.8	140.3
-87.5°	117.7	113.1	104.1	99.6	95.0	90.5	81.5	76.9	72.4	72.4	67.9
-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-M-SA4E-760-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°	22.6	22.6	18.1	18.1	18.1	13.6	9.1	9.1	4.5	4.5	0.0
85°	54.3	45.3	40.7	36.2	36.2	27.2	18.1	13.6	9.1	4.5	4.5
82.5°	104.1	90.5	76.9	67.9	54.3	40.7	31.7	22.6	13.6	9.1	4.5
80°	117.7	117.7	113.1	95.0	76.9	58.8	40.7	27.2	18.1	13.6	9.1
77.5°	90.5	99.6	99.6	99.6	95.0	72.4	49.8	31.7	18.1	13.6	9.1
75°	104.1	90.5	86.0	90.5	86.0	72.4	58.8	36.2	22.6	18.1	9.1
72.5°	126.7	108.6	95.0	90.5	81.5	67.9	54.3	40.7	22.6	18.1	13.6
70°	117.7	113.1	104.1	95.0	81.5	67.9	54.3	40.7	27.2	18.1	13.6
67.5°	104.1	104.1	104.1	95.0	81.5	63.4	49.8	36.2	27.2	18.1	13.6
65°	72.4	86.0	95.0	90.5	81.5	63.4	49.8	36.2	27.2	22.6	13.6
62.5°	45.3	58.8	76.9	86.0	76.9	63.4	45.3	36.2	27.2	22.6	13.6
60°	40.7	45.3	54.3	67.9	72.4	58.8	45.3	31.7	27.2	22.6	13.6
57.5°	40.7	40.7	45.3	54.3	58.8	54.3	40.7	27.2	27.2	22.6	18.1
55°	45.3	40.7	40.7	45.3	49.8	49.8	40.7	27.2	27.2	22.6	18.1
52.5°	54.3	45.3	40.7	40.7	40.7	45.3	36.2	27.2	27.2	22.6	18.1
50°	67.9	54.3	49.8	40.7	40.7	40.7	36.2	27.2	22.6	22.6	18.1
47.5°	90.5	72.4	54.3	49.8	40.7	36.2	31.7	27.2	22.6	22.6	18.1
45°	135.8	86.0	72.4	54.3	45.3	40.7	36.2	27.2	22.6	22.6	18.1
42.5°	185.6	126.7	90.5	63.4	49.8	40.7	36.2	31.7	22.6	22.6	18.1
40°	235.3	172.0	113.1	81.5	58.8	45.3	36.2	31.7	27.2	22.6	18.1
37.5°	289.7	212.7	149.4	104.1	67.9	49.8	40.7	31.7	27.2	22.6	18.1
35°	357.5	267.0	185.6	126.7	81.5	58.8	45.3	31.7	27.2	22.6	18.1
32.5°	434.5	316.8	221.8	153.9	104.1	72.4	49.8	36.2	27.2	22.6	18.1
30°	506.9	375.6	262.5	185.6	126.7	81.5	54.3	36.2	27.2	22.6	13.6
27.5°	579.3	434.5	312.3	217.2	153.9	95.0	58.8	40.7	27.2	22.6	18.1
25°	651.7	493.3	362.1	248.9	176.5	113.1	72.4	45.3	27.2	22.6	18.1
22.5°	715.1	552.1	407.3	285.1	203.7	131.2	81.5	49.8	31.7	22.6	18.1
20°	787.5	615.5	457.1	325.9	226.3	149.4	90.5	54.3	31.7	22.6	18.1
17.5°	855.4	678.9	506.9	362.1	253.4	167.5	104.1	58.8	36.2	22.6	18.1
15°	923.3	737.7	552.1	398.3	280.6	185.6	113.1	63.4	40.7	22.6	18.1
12.5°	986.6	792.0	592.9	430.0	303.2	203.7	122.2	67.9	45.3	22.6	18.1
10°	1045.5	841.8	633.6	457.1	325.9	217.2	131.2	76.9	49.8	22.6	18.1
7.5°	1104.3	882.5	665.3	484.3	353.0	235.3	140.3	81.5	54.3	27.2	18.1
5°	1140.5	918.7	692.4	506.9	375.6	253.4	149.4	86.0	58.8	27.2	18.1
2.5°	1172.2	945.9	710.5	529.5	398.3	267.0	149.4	90.5	63.4	27.2	18.1
0°	1190.3	964.0	724.1	543.1	416.4	276.1	153.9	95.0	67.9	27.2	18.1
-2.5°	1231.0	995.7	755.8	561.2	434.5	303.2	162.9	99.6	72.4	31.7	18.1
-5°	1258.2	1013.8	778.4	579.3	448.1	330.4	176.5	108.6	81.5	40.7	22.6
-7.5°	1280.8	1031.9	796.5	588.4	461.6	339.4	181.0	113.1	86.0	45.3	22.6
-10°	1285.3	1040.9	810.1	601.9	470.7	353.0	185.6	117.7	90.5	49.8	22.6
-12.5°	1289.9	1050.0	814.6	611.0	479.7	362.1	190.1	122.2	95.0	54.3	22.6
-15°	1285.3	1045.5	814.6	620.0	484.3	353.0	199.1	126.7	99.6	58.8	22.6
-17.5°	1276.3	1040.9	810.1	615.5	479.7	344.0	203.7	135.8	99.6	63.4	27.2
-20°	1262.7	1027.4	801.1	611.0	475.2	334.9	208.2	140.3	104.1	63.4	27.2

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CATALOG NUMBER: IFLD-M-SA4E-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1240.1	1004.7	783.0	597.4	466.2	325.9	208.2	149.4	108.6	63.4	27.2
-25°	1212.9	982.1	764.9	579.3	452.6	312.3	208.2	153.9	113.1	63.4	27.2
-27.5°	1181.2	959.5	737.7	565.7	434.5	303.2	208.2	158.4	117.7	63.4	27.2
-30°	1145.0	927.8	715.1	543.1	420.9	303.2	212.7	162.9	122.2	63.4	27.2
-32.5°	1108.8	896.1	687.9	525.0	402.8	298.7	212.7	167.5	126.7	58.8	31.7
-35°	1068.1	859.9	665.3	511.4	389.2	289.7	217.2	167.5	122.2	58.8	31.7
-37.5°	1018.3	814.6	642.7	497.8	380.2	280.6	217.2	172.0	117.7	58.8	31.7
-40°	964.0	778.4	615.5	479.7	366.6	276.1	217.2	172.0	113.1	58.8	36.2
-42.5°	905.2	737.7	588.4	461.6	353.0	271.5	217.2	172.0	108.6	58.8	36.2
-45°	850.8	697.0	556.7	439.0	339.4	271.5	217.2	167.5	99.6	63.4	36.2
-47.5°	792.0	651.7	520.5	416.4	334.9	267.0	212.7	158.4	90.5	63.4	36.2
-50°	742.2	606.5	493.3	393.7	325.9	271.5	217.2	144.8	90.5	63.4	36.2
-52.5°	692.4	574.8	461.6	384.7	316.8	276.1	212.7	135.8	90.5	63.4	36.2
-55°	651.7	543.1	443.5	371.1	325.9	285.1	203.7	122.2	90.5	63.4	36.2
-57.5°	620.0	525.0	430.0	375.6	339.4	276.1	190.1	117.7	90.5	58.8	36.2
-60°	597.4	506.9	434.5	393.7	344.0	262.5	181.0	117.7	90.5	58.8	31.7
-62.5°	579.3	511.4	457.1	407.3	325.9	244.4	172.0	117.7	81.5	54.3	31.7
-65°	583.8	529.5	466.2	389.2	312.3	226.3	158.4	113.1	76.9	49.8	31.7
-67.5°	597.4	515.9	439.0	366.6	280.6	203.7	144.8	104.1	72.4	49.8	31.7
-70°	552.1	475.2	398.3	312.3	239.9	176.5	135.8	95.0	63.4	45.3	31.7
-72.5°	497.8	398.3	316.8	253.4	203.7	162.9	122.2	86.0	58.8	40.7	27.2
-75°	362.1	289.7	235.3	212.7	181.0	144.8	108.6	76.9	54.3	40.7	27.2
-77.5°	258.0	239.9	217.2	194.6	162.9	126.7	95.0	72.4	49.8	36.2	22.6
-80°	253.4	230.8	203.7	167.5	135.8	108.6	81.5	63.4	45.3	31.7	18.1
-82.5°	212.7	181.0	153.9	126.7	104.1	86.0	67.9	49.8	36.2	22.6	13.6
-85°	131.2	113.1	99.6	86.0	72.4	58.8	45.3	31.7	22.6	13.6	9.1
-87.5°	63.4	58.8	49.8	40.7	36.2	27.2	22.6	18.1	13.6	9.1	4.5
-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°	4.5	0.0	0.0	0.0
80°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	9.1	4.5	4.5	0.0
67.5°	9.1	4.5	4.5	0.0
65°	9.1	4.5	4.5	0.0
62.5°	9.1	4.5	4.5	0.0
60°	9.1	4.5	4.5	0.0
57.5°	9.1	4.5	4.5	0.0
55°	9.1	4.5	4.5	0.0
52.5°	9.1	4.5	4.5	0.0
50°	9.1	4.5	4.5	0.0
47.5°	9.1	9.1	4.5	0.0
45°	9.1	9.1	4.5	0.0
42.5°	9.1	9.1	4.5	0.0
40°	9.1	9.1	4.5	0.0
37.5°	9.1	9.1	4.5	0.0
35°	9.1	9.1	4.5	0.0
32.5°	13.6	9.1	4.5	0.0
30°	13.6	9.1	9.1	0.0
27.5°	13.6	9.1	9.1	0.0
25°	13.6	9.1	9.1	0.0
22.5°	13.6	9.1	9.1	0.0
20°	13.6	9.1	9.1	0.0
17.5°	13.6	9.1	9.1	0.0
15°	13.6	9.1	9.1	0.0
12.5°	13.6	9.1	9.1	0.0
10°	13.6	9.1	9.1	0.0
7.5°	13.6	9.1	9.1	0.0
5°	13.6	9.1	9.1	0.0
2.5°	13.6	9.1	9.1	0.0
0°	13.6	9.1	9.1	0.0
-2.5°	13.6	9.1	9.1	0.0
-5°	13.6	9.1	9.1	0.0
-7.5°	13.6	9.1	9.1	0.0
-10°	13.6	9.1	9.1	0.0
-12.5°	18.1	9.1	9.1	0.0
-15°	18.1	9.1	9.1	0.0
-17.5°	18.1	9.1	9.1	0.0
-20°	18.1	9.1	9.1	0.0

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CATALOG NUMBER: IFLD-M-SA4E-760-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.1	9.1	9.1	0.0
-25°	18.1	9.1	9.1	0.0
-27.5°	18.1	9.1	9.1	0.0
-30°	18.1	9.1	9.1	0.0
-32.5°	18.1	9.1	9.1	0.0
-35°	18.1	9.1	9.1	0.0
-37.5°	18.1	9.1	9.1	0.0
-40°	18.1	9.1	9.1	0.0
-42.5°	13.6	9.1	4.5	0.0
-45°	18.1	9.1	4.5	0.0
-47.5°	18.1	9.1	4.5	0.0
-50°	18.1	9.1	4.5	0.0
-52.5°	18.1	9.1	4.5	0.0
-55°	18.1	9.1	4.5	0.0
-57.5°	18.1	9.1	4.5	0.0
-60°	18.1	9.1	4.5	0.0
-62.5°	18.1	9.1	4.5	0.0
-65°	18.1	9.1	4.5	0.0
-67.5°	18.1	9.1	4.5	0.0
-70°	18.1	4.5	4.5	0.0
-72.5°	13.6	4.5	4.5	0.0
-75°	13.6	4.5	4.5	0.0
-77.5°	9.1	4.5	0.0	0.0
-80°	9.1	4.5	0.0	0.0
-82.5°	9.1	4.5	0.0	0.0
-85°	4.5	0.0	0.0	0.0
-87.5°	4.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)