

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: P723681

Luminaire Tested: **IFLD-M-SA4E-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723681
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17452.8 lumens	Max Intensity:	410603.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.4 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:	6329.1 lumens	Field Lumens:	10089.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

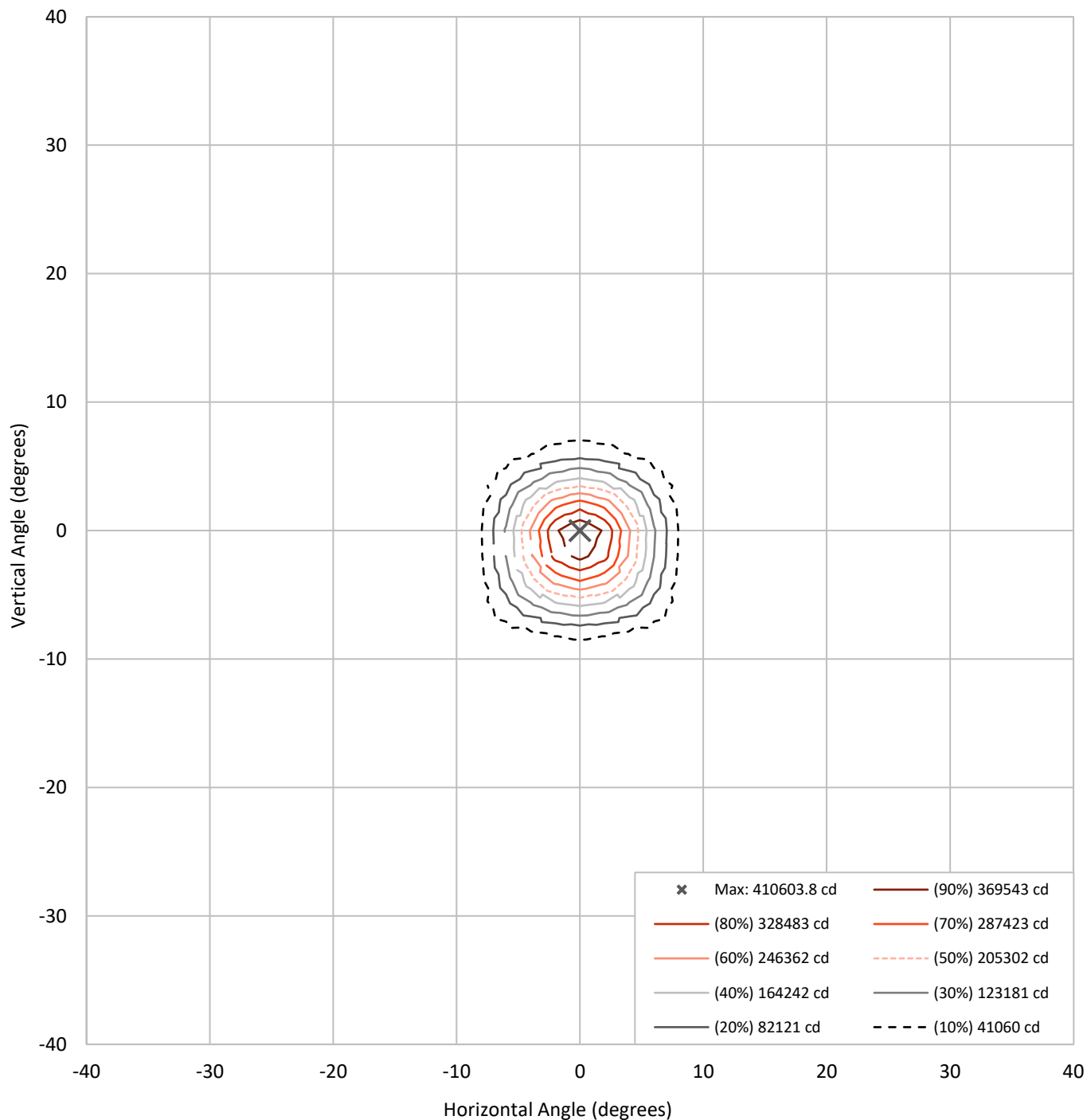
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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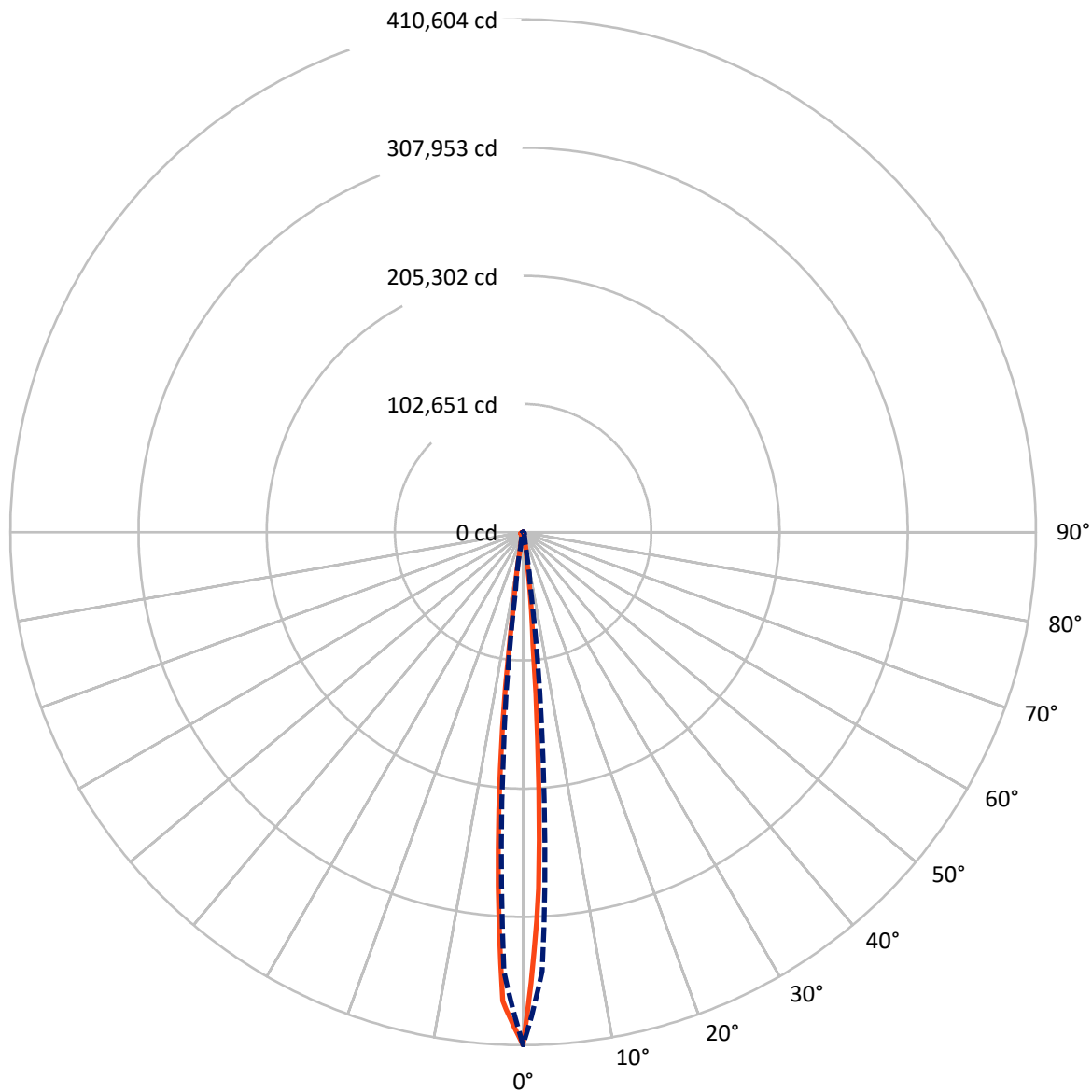
Lumen Table

90																
80	0.3	3.9		4.2		1.6		0.4		1.6		4.2		3.9		0.3
70	0.4	0.9	1.1	0.8	0.7	0.6	0.4	0.2	0.2	0.4	0.6	0.7	0.8	1.1	0.9	0.4
60		0.6	0.8	2.0	4.5	7.4	9.4	10.8	10.8	9.4	7.4	4.5	2.0	0.8	0.6	
50	0.4	0.6	2.4	7.9	15.7	22.9	27.5	30.5	30.5	27.5	22.9	15.7	7.9	2.4	0.6	0.4
40		1.2	6.0	16.3	26.5	31.2	33.7	34.8	34.8	33.7	31.2	26.5	16.3	6.0	1.2	
30	0.7	2.3	10.3	23.8	30.8	31.7	37.4	45.0	45.0	37.4	31.7	30.8	23.8	10.3	2.3	0.7
20		3.5	14.5	29.2	32.8	37.0	65.0	110.8	110.8	65.0	37.0	32.8	29.2	14.5	3.5	
10	1.2	4.6	17.8	32.1	34.0	45.7	123.6	2291.1	2291.1	123.6	45.7	34.0	32.1	17.8	4.6	1.2
0		5.4	19.5	33.7	35.3	47.2	133.2	3340.7	3340.7	133.2	47.2	35.3	33.7	19.5	5.4	
-10	1.7	5.8	20.0	35.5	38.2	42.6	77.4	148.6	148.6	77.4	42.6	38.2	35.5	20.0	5.8	1.7
-20		5.4	19.0	35.9	42.8	42.9	50.1	61.2	61.2	50.1	42.9	42.8	35.9	19.0	5.4	
-30	1.8	4.8	16.8	34.4	47.1	51.3	53.5	53.9	53.9	53.5	51.3	47.1	34.4	16.8	4.8	1.8
-40		4.2	13.5	29.2	45.4	55.2	61.9	64.9	64.9	61.9	55.2	45.4	29.2	13.5	4.2	
-50	1.5	3.8	10.4	22.6	38.7	52.0	60.5	63.9	63.9	60.5	52.0	38.7	22.6	10.4	3.8	1.5
-60		3.6	9.2	18.4	32.3	45.5	55.1	59.5	59.5	55.1	45.5	32.3	18.4	9.2	3.6	
-70	0.7	10.8		32.1		59.6		65.7		59.6		32.1		10.8		0.7
-80																
-90																
	Horizontal Angle (degrees)															

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Luminous Intensity Polar Plot



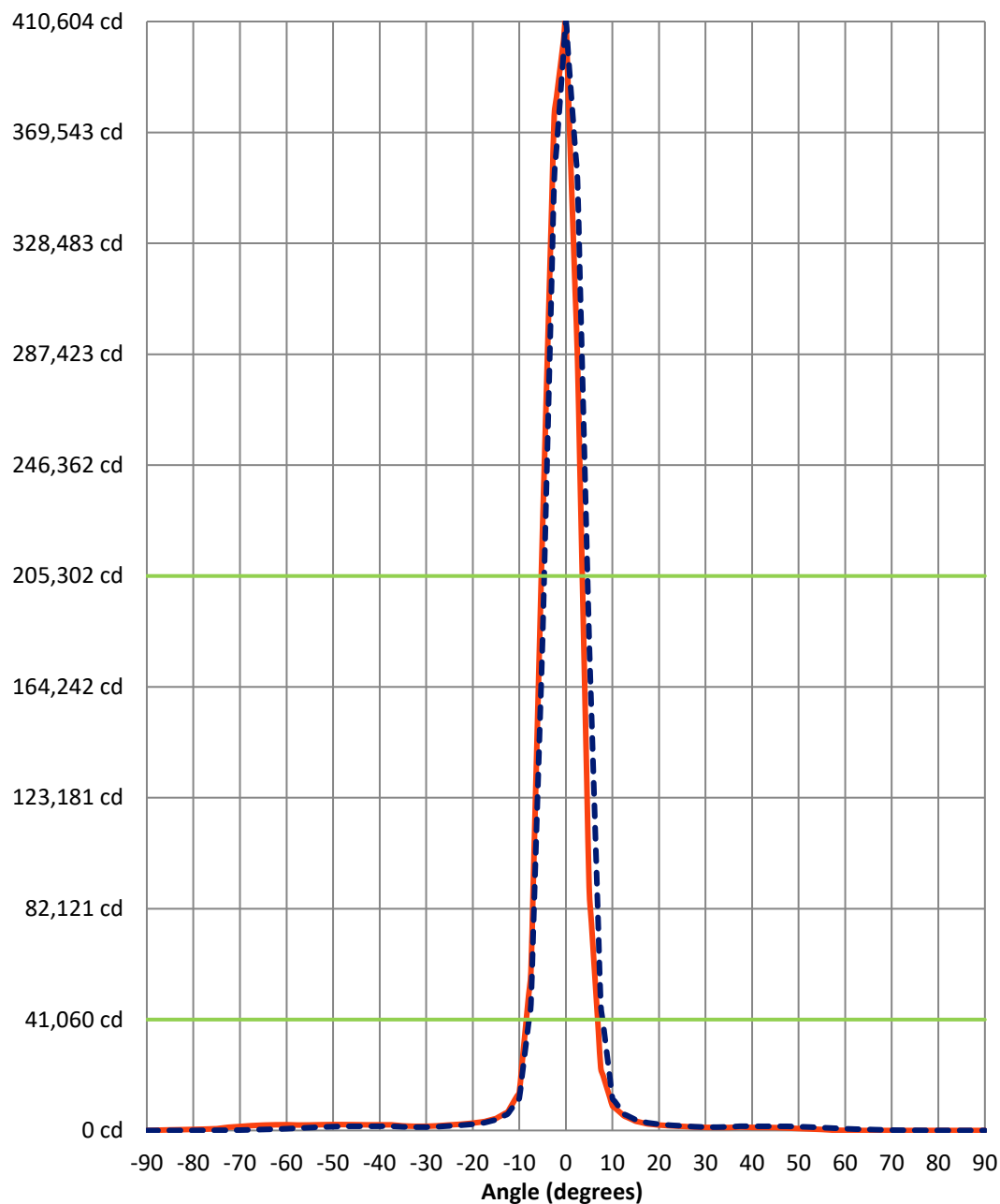
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6329.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10089.8

Efficiency: 57.8%

Spill:

Lumens: 7363

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	8.1	8.1	8.1	12.1	16.1	20.1	20.1	24.2
82.5°	0.0	4.0	4.0	8.1	8.1	12.1	12.1	20.1	24.2	28.2	36.3
80°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.1	20.1	28.2	32.2
77.5°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	12.1	16.1	20.1	24.2
75°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	12.1	12.1	16.1
72.5°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	12.1
70°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	12.1
67.5°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	12.1
65°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	12.1
62.5°	4.0	4.0	4.0	8.1	12.1	12.1	16.1	20.1	20.1	20.1	20.1
60°	40.3	44.3	48.3	48.3	44.3	44.3	48.3	48.3	48.3	48.3	48.3
57.5°	108.8	116.8	120.9	120.9	120.9	116.8	133.0	137.0	120.9	112.8	124.9
55°	378.7	390.8	382.7	370.7	346.5	318.3	310.2	306.2	310.2	290.1	257.9
52.5°	552.0	564.0	560.0	552.0	535.8	515.7	499.6	483.5	467.4	435.1	398.9
50°	717.1	721.2	717.1	709.1	693.0	672.8	640.6	604.3	572.1	564.0	531.8
47.5°	902.5	914.6	914.6	910.5	898.5	862.2	813.8	761.5	737.3	729.2	697.0
45°	1067.7	1075.7	1079.8	1083.8	1079.8	1043.5	999.2	971.0	918.6	902.5	902.5
42.5°	1112.0	1116.0	1120.0	1124.1	1136.2	1108.0	1071.7	1023.3	1011.3	1007.2	999.2
40°	1128.1	1120.0	1124.1	1128.1	1132.1	1112.0	1083.8	1055.6	1047.5	1039.5	1039.5
37.5°	1281.2	1244.9	1216.7	1192.6	1172.4	1152.3	1124.1	1099.9	1079.8	1063.6	1079.8
35°	1091.8	1091.8	1120.0	1144.2	1168.4	1192.6	1196.6	1168.4	1124.1	1103.9	1132.1
32.5°	1116.0	1116.0	1116.0	1124.1	1132.1	1152.3	1172.4	1184.5	1216.7	1180.5	1180.5
30°	1140.2	1144.2	1152.3	1156.3	1144.2	1136.2	1128.1	1128.1	1148.2	1200.6	1228.8
27.5°	1281.2	1281.2	1269.1	1253.0	1216.7	1160.3	1132.1	1091.8	1095.9	1120.0	1188.5
25°	1510.8	1502.8	1474.6	1434.3	1369.8	1289.3	1212.7	1128.1	1091.8	1079.8	1108.0
22.5°	1728.4	1716.3	1680.1	1643.8	1591.4	1510.8	1381.9	1253.0	1140.2	1091.8	1079.8
20°	2006.4	1978.2	1937.9	1881.5	1796.9	1716.3	1603.5	1434.3	1269.1	1144.2	1095.9
17.5°	2453.6	2417.4	2340.8	2240.1	2095.0	1970.1	1809.0	1647.8	1462.5	1261.1	1152.3
15°	3432.6	3340.0	3207.0	2929.0	2643.0	2405.3	2163.5	1893.6	1704.2	1438.3	1273.1
12.5°	5398.8	5144.9	4758.2	4109.5	3468.9	2916.9	2526.1	2179.6	1873.4	1627.7	1394.0
10°	9137.6	8593.7	7526.0	5753.3	4572.8	3557.5	2856.5	2393.2	2006.4	1752.6	1494.7
7.5°	23109.9	18851.3	13339.8	9109.4	5983.0	4347.2	3267.5	2594.6	2147.4	1833.2	1575.3
5°	90070.6	74196.7	39580.2	16518.6	9000.6	5257.7	3638.1	2755.8	2240.1	1893.6	1635.7
2.5°	285856.2	246856.2	129513.8	35559.3	11051.3	5922.5	3891.9	2856.5	2292.5	1937.9	1680.1
0°	410603.8	351902.4	181764.9	46767.8	11986.0	6091.7	3972.5	2876.7	2300.5	1946.0	1680.1
-2.5°	375632.7	328752.2	175584.5	43520.4	12247.9	6140.1	4037.0	2945.1	2360.9	1982.2	1692.1
-5°	223198.4	195777.5	122483.3	31030.8	10882.1	5700.9	3867.8	2884.7	2320.7	1962.1	1684.1
-7.5°	58806.2	50909.5	33488.4	16192.2	7042.6	4822.6	3553.5	2784.0	2268.3	1925.8	1651.9
-10°	14177.8	13436.5	12002.2	7356.8	5483.4	4028.9	3150.6	2602.7	2163.5	1877.5	1599.5
-12.5°	6837.1	6675.9	6059.5	4995.9	4069.2	3348.0	2852.5	2413.3	2066.8	1792.9	1527.0
-15°	4447.9	4355.3	4145.8	3738.8	3267.5	2921.0	2574.5	2219.9	1946.0	1668.0	1466.5
-17.5°	3291.6	3287.6	3182.9	3029.8	2796.1	2538.2	2284.4	2058.8	1792.9	1555.2	1402.1
-20°	2727.6	2727.6	2667.1	2566.4	2401.2	2232.0	2062.8	1853.3	1635.7	1458.5	1394.0

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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°	2316.6	2320.7	2288.4	2224.0	2135.3	1994.3	1829.1	1659.9	1502.8	1438.3	1418.2
-25°	2050.7	2042.7	2006.4	1946.0	1853.3	1740.5	1631.7	1518.9	1474.6	1458.5	1486.7
-27.5°	1736.5	1748.6	1732.4	1704.2	1643.8	1563.2	1539.0	1506.8	1514.9	1539.0	1647.8
-30°	1551.1	1563.2	1579.3	1591.4	1571.3	1551.1	1559.2	1583.4	1635.7	1728.4	1768.7
-32.5°	1551.1	1555.2	1579.3	1603.5	1615.6	1631.7	1676.0	1756.6	1833.2	1809.0	1800.9
-35°	1692.1	1680.1	1712.3	1744.5	1788.8	1845.2	1893.6	1877.5	1849.3	1841.2	1849.3
-37.5°	2095.0	2018.5	1986.3	1966.1	1954.0	1946.0	1933.9	1921.8	1909.7	1901.7	1913.7
-40°	2091.0	2070.9	2050.7	2034.6	2022.5	2006.4	1998.3	1994.3	1982.2	1974.2	1966.1
-42.5°	2083.0	2091.0	2091.0	2087.0	2091.0	2087.0	2074.9	2058.8	2038.6	2022.5	2006.4
-45°	2143.4	2147.4	2155.5	2163.5	2175.6	2159.5	2135.3	2107.1	2078.9	2054.8	2034.6
-47.5°	2179.6	2183.7	2191.7	2203.8	2211.9	2195.8	2163.5	2127.3	2083.0	2042.7	2002.4
-50°	2191.7	2203.8	2207.9	2207.9	2203.8	2183.7	2135.3	2083.0	2034.6	1994.3	1958.1
-52.5°	2135.3	2147.4	2151.4	2143.4	2139.4	2119.2	2074.9	2026.5	1974.2	1946.0	1913.7
-55°	2042.7	2058.8	2070.9	2070.9	2070.9	2066.8	2026.5	1982.2	1941.9	1909.7	1877.5
-57.5°	2006.4	2034.6	2058.8	2062.8	2066.8	2070.9	2042.7	1998.3	1950.0	1901.7	1861.4
-60°	2139.4	2163.5	2175.6	2159.5	2147.4	2135.3	2091.0	2038.6	1990.3	1941.9	1865.4
-62.5°	2103.1	2143.4	2163.5	2151.4	2135.3	2115.2	2066.8	2006.4	1950.0	1897.6	1821.1
-65°	1986.3	2022.5	2046.7	2026.5	2002.4	1974.2	1929.9	1873.4	1821.1	1768.7	1700.2
-67.5°	1788.8	1841.2	1881.5	1837.2	1805.0	1768.7	1732.4	1684.1	1631.7	1571.3	1506.8
-70°	1478.6	1518.9	1555.2	1543.1	1535.0	1527.0	1502.8	1454.4	1410.1	1361.8	1305.4
-72.5°	1188.5	1224.8	1257.0	1236.9	1220.8	1196.6	1160.3	1108.0	1055.6	1003.2	950.8
-75°	656.7	668.8	680.9	676.9	676.9	676.9	676.9	680.9	672.8	660.7	636.6
-77.5°	503.6	519.7	531.8	539.9	552.0	568.1	580.2	560.0	539.9	519.7	495.6
-80°	394.8	411.0	423.0	467.4	499.6	535.8	560.0	531.8	503.6	479.4	459.3
-82.5°	298.1	310.2	322.3	346.5	362.6	382.7	398.9	398.9	394.8	390.8	378.7
-85°	217.6	233.7	249.8	257.9	269.9	269.9	274.0	257.9	241.7	229.6	213.5
-87.5°	124.9	128.9	128.9	128.9	133.0	133.0	133.0	124.9	120.9	112.8	108.8
-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°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.1	16.1	20.1	20.1
85°	24.2	24.2	24.2	28.2	28.2	32.2	36.3	40.3	44.3	44.3	48.3
82.5°	40.3	44.3	48.3	52.4	56.4	60.4	64.5	68.5	80.6	88.6	92.7
80°	40.3	44.3	56.4	64.5	72.5	80.6	80.6	80.6	80.6	84.6	92.7
77.5°	28.2	32.2	36.3	44.3	64.5	80.6	92.7	100.7	92.7	88.6	80.6
75°	16.1	20.1	24.2	28.2	40.3	56.4	76.5	96.7	112.8	108.8	100.7
72.5°	16.1	16.1	20.1	24.2	28.2	32.2	36.3	56.4	80.6	100.7	112.8
70°	16.1	20.1	20.1	24.2	28.2	32.2	36.3	44.3	56.4	80.6	104.8
67.5°	16.1	20.1	20.1	28.2	36.3	40.3	44.3	40.3	36.3	52.4	76.5
65°	16.1	16.1	20.1	24.2	28.2	32.2	44.3	44.3	40.3	40.3	40.3
62.5°	24.2	24.2	24.2	24.2	28.2	28.2	28.2	36.3	36.3	36.3	36.3
60°	48.3	44.3	44.3	44.3	44.3	36.3	36.3	36.3	32.2	36.3	32.2
57.5°	116.8	96.7	88.6	88.6	76.5	72.5	60.4	44.3	44.3	36.3	36.3
55°	237.7	225.6	189.4	157.1	141.0	124.9	96.7	80.6	60.4	48.3	44.3
52.5°	366.6	334.4	302.2	261.9	221.6	189.4	161.2	124.9	100.7	72.5	56.4
50°	479.4	451.2	415.0	370.7	318.3	278.0	237.7	189.4	149.1	112.8	80.6
47.5°	652.7	596.3	552.0	499.6	439.2	382.7	330.4	274.0	209.5	165.2	124.9
45°	838.0	757.4	697.0	648.7	568.1	491.5	431.1	370.7	294.1	217.6	169.2
42.5°	966.9	906.5	825.9	761.5	688.9	608.4	527.8	463.3	382.7	294.1	217.6
40°	1035.4	995.1	930.7	874.3	797.7	709.1	624.5	560.0	475.4	378.7	274.0
37.5°	1087.8	1067.7	1035.4	991.1	918.6	813.8	729.2	652.7	580.2	467.4	354.5
35°	1148.2	1144.2	1124.1	1103.9	1043.5	942.8	842.0	753.4	664.8	560.0	435.1
32.5°	1204.6	1200.6	1188.5	1180.5	1156.3	1067.7	958.9	858.2	757.4	648.7	511.7
30°	1232.9	1224.8	1224.8	1232.9	1208.7	1152.3	1071.7	962.9	850.1	721.2	592.3
27.5°	1232.9	1224.8	1228.8	1240.9	1236.9	1208.7	1148.2	1059.6	934.7	789.7	664.8
25°	1180.5	1220.8	1220.8	1236.9	1240.9	1232.9	1200.6	1144.2	1015.3	862.2	721.2
22.5°	1108.0	1204.6	1240.9	1236.9	1240.9	1261.1	1265.1	1212.7	1091.8	934.7	777.6
20°	1108.0	1176.4	1281.2	1253.0	1261.1	1305.4	1325.5	1281.2	1172.4	1003.2	834.0
17.5°	1132.1	1176.4	1265.1	1309.4	1321.5	1357.7	1390.0	1361.8	1244.9	1075.7	910.5
15°	1200.6	1192.6	1253.0	1361.8	1381.9	1410.1	1446.4	1414.2	1309.4	1156.3	983.1
12.5°	1249.0	1204.6	1253.0	1369.8	1434.3	1462.5	1474.6	1450.4	1365.8	1228.8	1055.6
10°	1313.4	1236.9	1261.1	1361.8	1454.4	1474.6	1486.7	1478.6	1418.2	1289.3	1120.0
7.5°	1361.8	1253.0	1253.0	1349.7	1474.6	1490.7	1498.8	1506.8	1462.5	1341.6	1176.4
5°	1381.9	1253.0	1244.9	1337.6	1494.7	1510.8	1510.8	1522.9	1494.7	1381.9	1216.7
2.5°	1385.9	1249.0	1236.9	1329.5	1531.0	1531.0	1522.9	1535.0	1518.9	1406.1	1244.9
0°	1406.1	1244.9	1232.9	1341.6	1571.3	1555.2	1535.0	1539.0	1531.0	1418.2	1261.1
-2.5°	1406.1	1265.1	1249.0	1349.7	1567.3	1563.2	1555.2	1559.2	1551.1	1454.4	1293.3
-5°	1426.2	1293.3	1277.2	1385.9	1563.2	1575.3	1579.3	1579.3	1567.3	1478.6	1313.4
-7.5°	1430.3	1313.4	1309.4	1422.2	1571.3	1591.4	1603.5	1611.6	1587.4	1494.7	1329.5
-10°	1410.1	1321.5	1341.6	1466.5	1579.3	1607.5	1631.7	1643.8	1603.5	1502.8	1337.6
-12.5°	1365.8	1321.5	1373.9	1522.9	1599.5	1631.7	1668.0	1672.0	1619.6	1506.8	1341.6
-15°	1361.8	1353.7	1430.3	1579.3	1611.6	1651.9	1708.3	1696.2	1631.7	1506.8	1341.6
-17.5°	1357.7	1398.0	1514.9	1599.5	1631.7	1676.0	1720.4	1708.3	1639.8	1506.8	1333.6
-20°	1394.0	1470.6	1615.6	1619.6	1655.9	1704.2	1728.4	1704.2	1627.7	1494.7	1321.5

REPORT NUMBER: P723681

CATALOG NUMBER: IFLD-M-SA4E-730-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°	1454.4	1599.5	1647.8	1663.9	1696.2	1732.4	1744.5	1708.3	1615.6	1474.6	1301.3
-25°	1607.5	1680.1	1680.1	1716.3	1748.6	1764.7	1752.6	1712.3	1599.5	1454.4	1281.2
-27.5°	1724.4	1720.4	1740.5	1776.8	1805.0	1805.0	1772.7	1692.1	1575.3	1434.3	1253.0
-30°	1768.7	1772.7	1800.9	1841.2	1849.3	1829.1	1780.8	1676.0	1555.2	1402.1	1216.7
-32.5°	1813.0	1829.1	1865.4	1885.5	1889.6	1849.3	1760.6	1647.8	1522.9	1365.8	1176.4
-35°	1865.4	1897.6	1917.8	1921.8	1901.7	1833.2	1732.4	1611.6	1474.6	1313.4	1140.2
-37.5°	1933.9	1950.0	1962.1	1946.0	1889.6	1809.0	1684.1	1563.2	1430.3	1257.0	1087.8
-40°	1978.2	1986.3	1990.3	1937.9	1869.4	1752.6	1631.7	1506.8	1353.7	1192.6	1031.4
-42.5°	2006.4	1998.3	1966.1	1909.7	1809.0	1696.2	1579.3	1438.3	1285.2	1128.1	971.0
-45°	1998.3	1970.1	1921.8	1853.3	1748.6	1635.7	1498.8	1357.7	1212.7	1059.6	902.5
-47.5°	1966.1	1921.8	1861.4	1780.8	1684.1	1547.1	1410.1	1273.1	1132.1	983.1	838.0
-50°	1925.8	1873.4	1800.9	1700.2	1571.3	1446.4	1321.5	1188.5	1043.5	906.5	777.6
-52.5°	1881.5	1825.1	1732.4	1619.6	1478.6	1349.7	1228.8	1099.9	966.9	838.0	725.2
-55°	1833.2	1776.8	1672.0	1543.1	1402.1	1261.1	1144.2	1035.4	906.5	781.6	680.9
-57.5°	1809.0	1736.5	1627.7	1498.8	1349.7	1204.6	1103.9	987.1	870.2	741.3	644.6
-60°	1788.8	1716.3	1615.6	1466.5	1325.5	1188.5	1071.7	958.9	834.0	713.1	616.4
-62.5°	1732.4	1655.9	1563.2	1418.2	1281.2	1156.3	1051.5	918.6	797.7	684.9	596.3
-65°	1619.6	1539.0	1458.5	1329.5	1204.6	1087.8	983.1	862.2	749.4	652.7	576.1
-67.5°	1442.4	1373.9	1301.3	1192.6	1087.8	983.1	886.4	781.6	688.9	620.5	580.2
-70°	1244.9	1172.4	1099.9	1011.3	922.6	838.0	761.5	684.9	624.5	588.2	556.0
-72.5°	906.5	874.3	838.0	769.5	697.0	644.6	608.4	576.1	531.8	499.6	479.4
-75°	604.3	560.0	503.6	479.4	483.5	475.4	455.3	431.1	411.0	398.9	370.7
-77.5°	471.4	447.2	419.0	390.8	378.7	366.6	350.5	330.4	314.3	286.1	245.8
-80°	435.1	415.0	394.8	374.7	354.5	326.3	294.1	261.9	245.8	233.7	229.6
-82.5°	358.6	334.4	310.2	290.1	261.9	241.7	221.6	205.5	205.5	201.4	197.4
-85°	205.5	197.4	185.3	177.3	169.2	157.1	145.0	137.0	133.0	128.9	124.9
-87.5°	104.8	100.7	92.7	88.6	84.6	80.6	72.5	68.5	64.5	64.5	60.4
-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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CATALOG NUMBER: IFLD-M-SA4E-730-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°	20.1	20.1	16.1	16.1	16.1	12.1	8.1	8.1	4.0	4.0	0.0
85°	48.3	40.3	36.3	32.2	32.2	24.2	16.1	12.1	8.1	4.0	4.0
82.5°	92.7	80.6	68.5	60.4	48.3	36.3	28.2	20.1	12.1	8.1	4.0
80°	104.8	104.8	100.7	84.6	68.5	52.4	36.3	24.2	16.1	12.1	8.1
77.5°	80.6	88.6	88.6	88.6	84.6	64.5	44.3	28.2	16.1	12.1	8.1
75°	92.7	80.6	76.5	80.6	76.5	64.5	52.4	32.2	20.1	16.1	8.1
72.5°	112.8	96.7	84.6	80.6	72.5	60.4	48.3	36.3	20.1	16.1	12.1
70°	104.8	100.7	92.7	84.6	72.5	60.4	48.3	36.3	24.2	16.1	12.1
67.5°	92.7	92.7	92.7	84.6	72.5	56.4	44.3	32.2	24.2	16.1	12.1
65°	64.5	76.5	84.6	80.6	72.5	56.4	44.3	32.2	24.2	20.1	12.1
62.5°	40.3	52.4	68.5	76.5	68.5	56.4	40.3	32.2	24.2	20.1	12.1
60°	36.3	40.3	48.3	60.4	64.5	52.4	40.3	28.2	24.2	20.1	12.1
57.5°	36.3	36.3	40.3	48.3	52.4	48.3	36.3	24.2	24.2	20.1	16.1
55°	40.3	36.3	36.3	40.3	44.3	44.3	36.3	24.2	24.2	20.1	16.1
52.5°	48.3	40.3	36.3	36.3	36.3	40.3	32.2	24.2	24.2	20.1	16.1
50°	60.4	48.3	44.3	36.3	36.3	36.3	32.2	24.2	20.1	20.1	16.1
47.5°	80.6	64.5	48.3	44.3	36.3	32.2	28.2	24.2	20.1	20.1	16.1
45°	120.9	76.5	64.5	48.3	40.3	36.3	32.2	24.2	20.1	20.1	16.1
42.5°	165.2	112.8	80.6	56.4	44.3	36.3	32.2	28.2	20.1	20.1	16.1
40°	209.5	153.1	100.7	72.5	52.4	40.3	32.2	28.2	24.2	20.1	16.1
37.5°	257.9	189.4	133.0	92.7	60.4	44.3	36.3	28.2	24.2	20.1	16.1
35°	318.3	237.7	165.2	112.8	72.5	52.4	40.3	28.2	24.2	20.1	16.1
32.5°	386.8	282.0	197.4	137.0	92.7	64.5	44.3	32.2	24.2	20.1	16.1
30°	451.2	334.4	233.7	165.2	112.8	72.5	48.3	32.2	24.2	20.1	12.1
27.5°	515.7	386.8	278.0	193.4	137.0	84.6	52.4	36.3	24.2	20.1	16.1
25°	580.2	439.2	322.3	221.6	157.1	100.7	64.5	40.3	24.2	20.1	16.1
22.5°	636.6	491.5	362.6	253.8	181.3	116.8	72.5	44.3	28.2	20.1	16.1
20°	701.0	547.9	406.9	290.1	201.4	133.0	80.6	48.3	28.2	20.1	16.1
17.5°	761.5	604.3	451.2	322.3	225.6	149.1	92.7	52.4	32.2	20.1	16.1
15°	821.9	656.7	491.5	354.5	249.8	165.2	100.7	56.4	36.3	20.1	16.1
12.5°	878.3	705.1	527.8	382.7	269.9	181.3	108.8	60.4	40.3	20.1	16.1
10°	930.7	749.4	564.0	406.9	290.1	193.4	116.8	68.5	44.3	20.1	16.1
7.5°	983.1	785.6	592.3	431.1	314.3	209.5	124.9	72.5	48.3	24.2	16.1
5°	1015.3	817.9	616.4	451.2	334.4	225.6	133.0	76.5	52.4	24.2	16.1
2.5°	1043.5	842.0	632.5	471.4	354.5	237.7	133.0	80.6	56.4	24.2	16.1
0°	1059.6	858.2	644.6	483.5	370.7	245.8	137.0	84.6	60.4	24.2	16.1
-2.5°	1095.9	886.4	672.8	499.6	386.8	269.9	145.0	88.6	64.5	28.2	16.1
-5°	1120.0	902.5	693.0	515.7	398.9	294.1	157.1	96.7	72.5	36.3	20.1
-7.5°	1140.2	918.6	709.1	523.8	411.0	302.2	161.2	100.7	76.5	40.3	20.1
-10°	1144.2	926.7	721.2	535.8	419.0	314.3	165.2	104.8	80.6	44.3	20.1
-12.5°	1148.2	934.7	725.2	543.9	427.1	322.3	169.2	108.8	84.6	48.3	20.1
-15°	1144.2	930.7	725.2	552.0	431.1	314.3	177.3	112.8	88.6	52.4	20.1
-17.5°	1136.2	926.7	721.2	547.9	427.1	306.2	181.3	120.9	88.6	56.4	24.2
-20°	1124.1	914.6	713.1	543.9	423.0	298.1	185.3	124.9	92.7	56.4	24.2

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CATALOG NUMBER: IFLD-M-SA4E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1103.9	894.4	697.0	531.8	415.0	290.1	185.3	133.0	96.7	56.4	24.2
-25°	1079.8	874.3	680.9	515.7	402.9	278.0	185.3	137.0	100.7	56.4	24.2
-27.5°	1051.5	854.1	656.7	503.6	386.8	269.9	185.3	141.0	104.8	56.4	24.2
-30°	1019.3	825.9	636.6	483.5	374.7	269.9	189.4	145.0	108.8	56.4	24.2
-32.5°	987.1	797.7	612.4	467.4	358.6	265.9	189.4	149.1	112.8	52.4	28.2
-35°	950.8	765.5	592.3	455.3	346.5	257.9	193.4	149.1	108.8	52.4	28.2
-37.5°	906.5	725.2	572.1	443.2	338.4	249.8	193.4	153.1	104.8	52.4	28.2
-40°	858.2	693.0	547.9	427.1	326.3	245.8	193.4	153.1	100.7	52.4	32.2
-42.5°	805.8	656.7	523.8	411.0	314.3	241.7	193.4	153.1	96.7	52.4	32.2
-45°	757.4	620.5	495.6	390.8	302.2	241.7	193.4	149.1	88.6	56.4	32.2
-47.5°	705.1	580.2	463.3	370.7	298.1	237.7	189.4	141.0	80.6	56.4	32.2
-50°	660.7	539.9	439.2	350.5	290.1	241.7	193.4	128.9	80.6	56.4	32.2
-52.5°	616.4	511.7	411.0	342.5	282.0	245.8	189.4	120.9	80.6	56.4	32.2
-55°	580.2	483.5	394.8	330.4	290.1	253.8	181.3	108.8	80.6	56.4	32.2
-57.5°	552.0	467.4	382.7	334.4	302.2	245.8	169.2	104.8	80.6	52.4	32.2
-60°	531.8	451.2	386.8	350.5	306.2	233.7	161.2	104.8	80.6	52.4	28.2
-62.5°	515.7	455.3	406.9	362.6	290.1	217.6	153.1	104.8	72.5	48.3	28.2
-65°	519.7	471.4	415.0	346.5	278.0	201.4	141.0	100.7	68.5	44.3	28.2
-67.5°	531.8	459.3	390.8	326.3	249.8	181.3	128.9	92.7	64.5	44.3	28.2
-70°	491.5	423.0	354.5	278.0	213.5	157.1	120.9	84.6	56.4	40.3	28.2
-72.5°	443.2	354.5	282.0	225.6	181.3	145.0	108.8	76.5	52.4	36.3	24.2
-75°	322.3	257.9	209.5	189.4	161.2	128.9	96.7	68.5	48.3	36.3	24.2
-77.5°	229.6	213.5	193.4	173.2	145.0	112.8	84.6	64.5	44.3	32.2	20.1
-80°	225.6	205.5	181.3	149.1	120.9	96.7	72.5	56.4	40.3	28.2	16.1
-82.5°	189.4	161.2	137.0	112.8	92.7	76.5	60.4	44.3	32.2	20.1	12.1
-85°	116.8	100.7	88.6	76.5	64.5	52.4	40.3	28.2	20.1	12.1	8.1
-87.5°	56.4	52.4	44.3	36.3	32.2	24.2	20.1	16.1	12.1	8.1	4.0
-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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CATALOG NUMBER: IFLD-M-SA4E-730-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°	4.0	0.0	0.0	0.0
80°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	8.1	4.0	4.0	0.0
67.5°	8.1	4.0	4.0	0.0
65°	8.1	4.0	4.0	0.0
62.5°	8.1	4.0	4.0	0.0
60°	8.1	4.0	4.0	0.0
57.5°	8.1	4.0	4.0	0.0
55°	8.1	4.0	4.0	0.0
52.5°	8.1	4.0	4.0	0.0
50°	8.1	4.0	4.0	0.0
47.5°	8.1	8.1	4.0	0.0
45°	8.1	8.1	4.0	0.0
42.5°	8.1	8.1	4.0	0.0
40°	8.1	8.1	4.0	0.0
37.5°	8.1	8.1	4.0	0.0
35°	8.1	8.1	4.0	0.0
32.5°	12.1	8.1	4.0	0.0
30°	12.1	8.1	8.1	0.0
27.5°	12.1	8.1	8.1	0.0
25°	12.1	8.1	8.1	0.0
22.5°	12.1	8.1	8.1	0.0
20°	12.1	8.1	8.1	0.0
17.5°	12.1	8.1	8.1	0.0
15°	12.1	8.1	8.1	0.0
12.5°	12.1	8.1	8.1	0.0
10°	12.1	8.1	8.1	0.0
7.5°	12.1	8.1	8.1	0.0
5°	12.1	8.1	8.1	0.0
2.5°	12.1	8.1	8.1	0.0
0°	12.1	8.1	8.1	0.0
-2.5°	12.1	8.1	8.1	0.0
-5°	12.1	8.1	8.1	0.0
-7.5°	12.1	8.1	8.1	0.0
-10°	12.1	8.1	8.1	0.0
-12.5°	16.1	8.1	8.1	0.0
-15°	16.1	8.1	8.1	0.0
-17.5°	16.1	8.1	8.1	0.0
-20°	16.1	8.1	8.1	0.0

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CATALOG NUMBER: IFLD-M-SA4E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.1	8.1	8.1	0.0
-25°	16.1	8.1	8.1	0.0
-27.5°	16.1	8.1	8.1	0.0
-30°	16.1	8.1	8.1	0.0
-32.5°	16.1	8.1	8.1	0.0
-35°	16.1	8.1	8.1	0.0
-37.5°	16.1	8.1	8.1	0.0
-40°	16.1	8.1	8.1	0.0
-42.5°	12.1	8.1	4.0	0.0
-45°	16.1	8.1	4.0	0.0
-47.5°	16.1	8.1	4.0	0.0
-50°	16.1	8.1	4.0	0.0
-52.5°	16.1	8.1	4.0	0.0
-55°	16.1	8.1	4.0	0.0
-57.5°	16.1	8.1	4.0	0.0
-60°	16.1	8.1	4.0	0.0
-62.5°	16.1	8.1	4.0	0.0
-65°	16.1	8.1	4.0	0.0
-67.5°	16.1	8.1	4.0	0.0
-70°	16.1	4.0	4.0	0.0
-72.5°	12.1	4.0	4.0	0.0
-75°	12.1	4.0	4.0	0.0
-77.5°	8.1	4.0	0.0	0.0
-80°	8.1	4.0	0.0	0.0
-82.5°	8.1	4.0	0.0	0.0
-85°	4.0	0.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)