

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: P723687

Luminaire Tested: **IFLD-L-SA8A-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723687
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16513.6 lumens	Max Intensity:	388507.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.6 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:	5988.5 lumens	Field Lumens:	9546.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

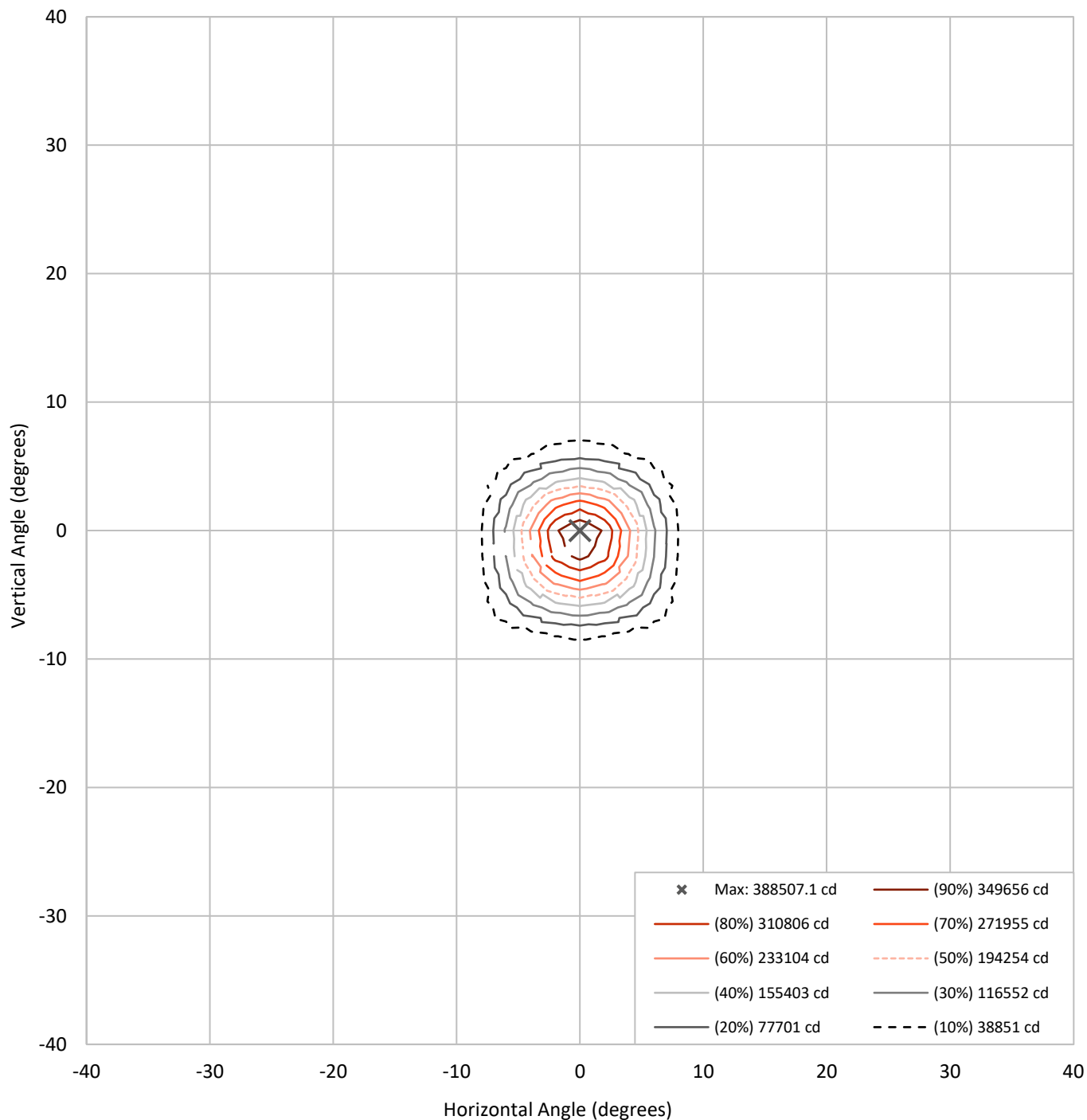
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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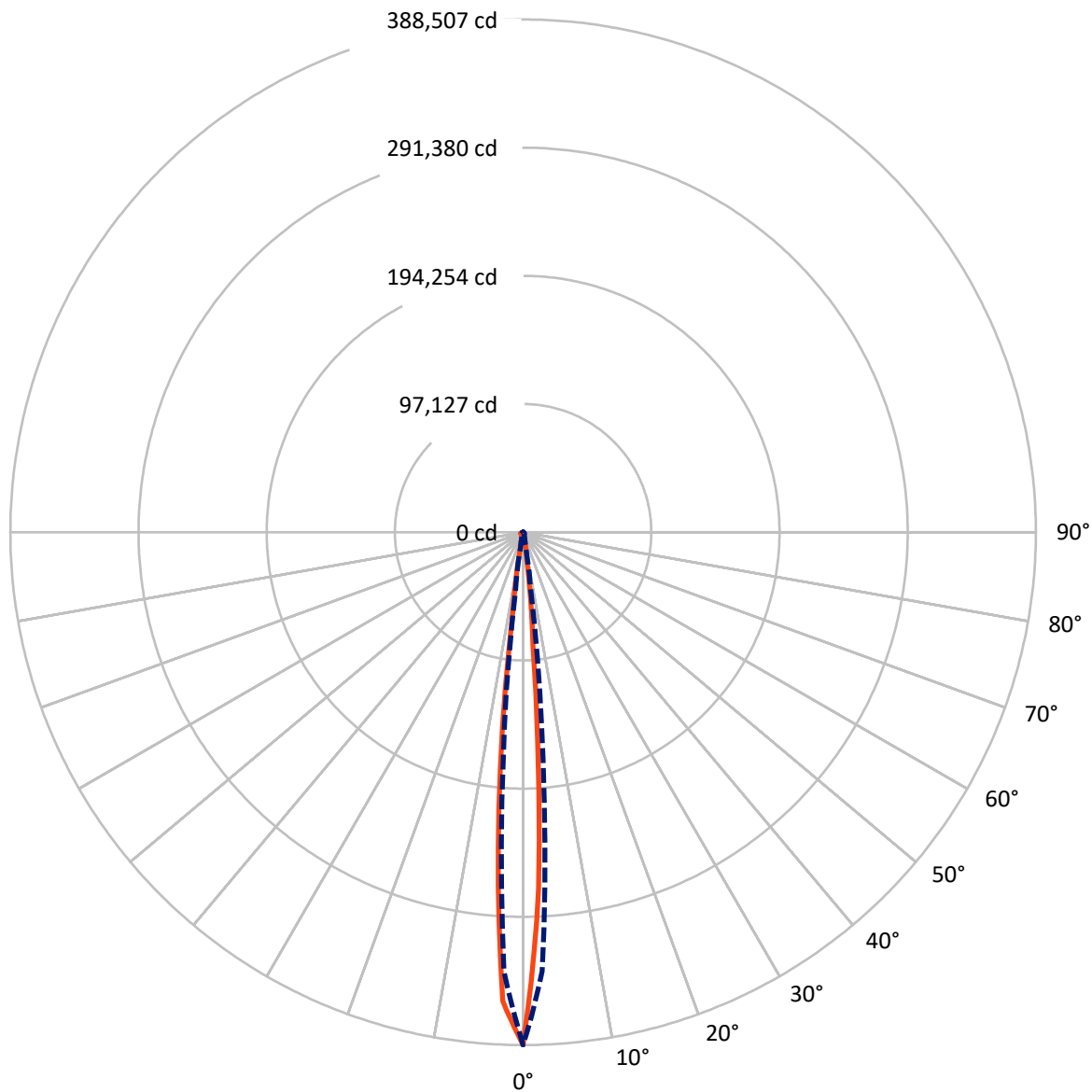
Lumen Table

90																			
80	0.3		3.7		4.0		1.5		0.4		1.5		4.0		3.7		0.3		
70	0.4		0.8	1.1	0.8	0.7	0.5	0.4	0.2	0.2	0.4	0.5	0.7	0.8	1.1	0.8	0.4		
60			0.5	0.7	1.9	4.2	7.0	8.9	10.2	10.2	8.9	7.0	4.2	1.9	0.7	0.5			
50	0.4		0.5	2.3	7.5	14.8	21.7	26.1	28.9	28.9	26.1	21.7	14.8	7.5	2.3	0.5	0.4		
40			1.1	5.7	15.4	25.1	29.5	31.9	33.0	33.0	31.9	29.5	25.1	15.4	5.7	1.1			
30	0.7		2.1	9.8	22.5	29.1	30.0	35.4	42.6	42.6	35.4	30.0	29.1	22.5	9.8	2.1	0.7		
20			3.4	13.7	27.6	31.0	35.0	61.5	104.8	104.8	61.5	35.0	31.0	27.6	13.7	3.4			
10	1.1		4.4	16.8	30.3	32.2	43.2	117.0	2167.8	2167.8	117.0	43.2	32.2	30.3	16.8	4.4	1.1		
0			5.1	18.4	31.9	33.4	44.7	126.0	3160.9	3160.9	126.0	44.7	33.4	31.9	18.4	5.1			
-10	1.6		5.5	18.9	33.6	36.1	40.3	73.3	140.6	140.6	73.3	40.3	36.1	33.6	18.9	5.5	1.6		
-20			5.1	18.0	34.0	40.5	40.6	47.4	57.9	57.9	47.4	40.6	40.5	34.0	18.0	5.1			
-30	1.7		4.6	15.9	32.5	44.6	48.6	50.6	51.0	51.0	50.6	48.6	44.6	32.5	15.9	4.6	1.7		
-40			4.0	12.8	27.6	43.0	52.3	58.6	61.4	61.4	58.6	52.3	43.0	27.6	12.8	4.0			
-50	1.4		3.6	9.9	21.4	36.7	49.2	57.2	60.5	60.5	57.2	49.2	36.7	21.4	9.9	3.6	1.4		
-60			3.4	8.7	17.4	30.6	43.0	52.1	56.3	56.3	52.1	43.0	30.6	17.4	8.7	3.4			
-70	0.6																0.6		
-80			10.2		30.4		56.4		62.2		56.4		30.4		10.2				
-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



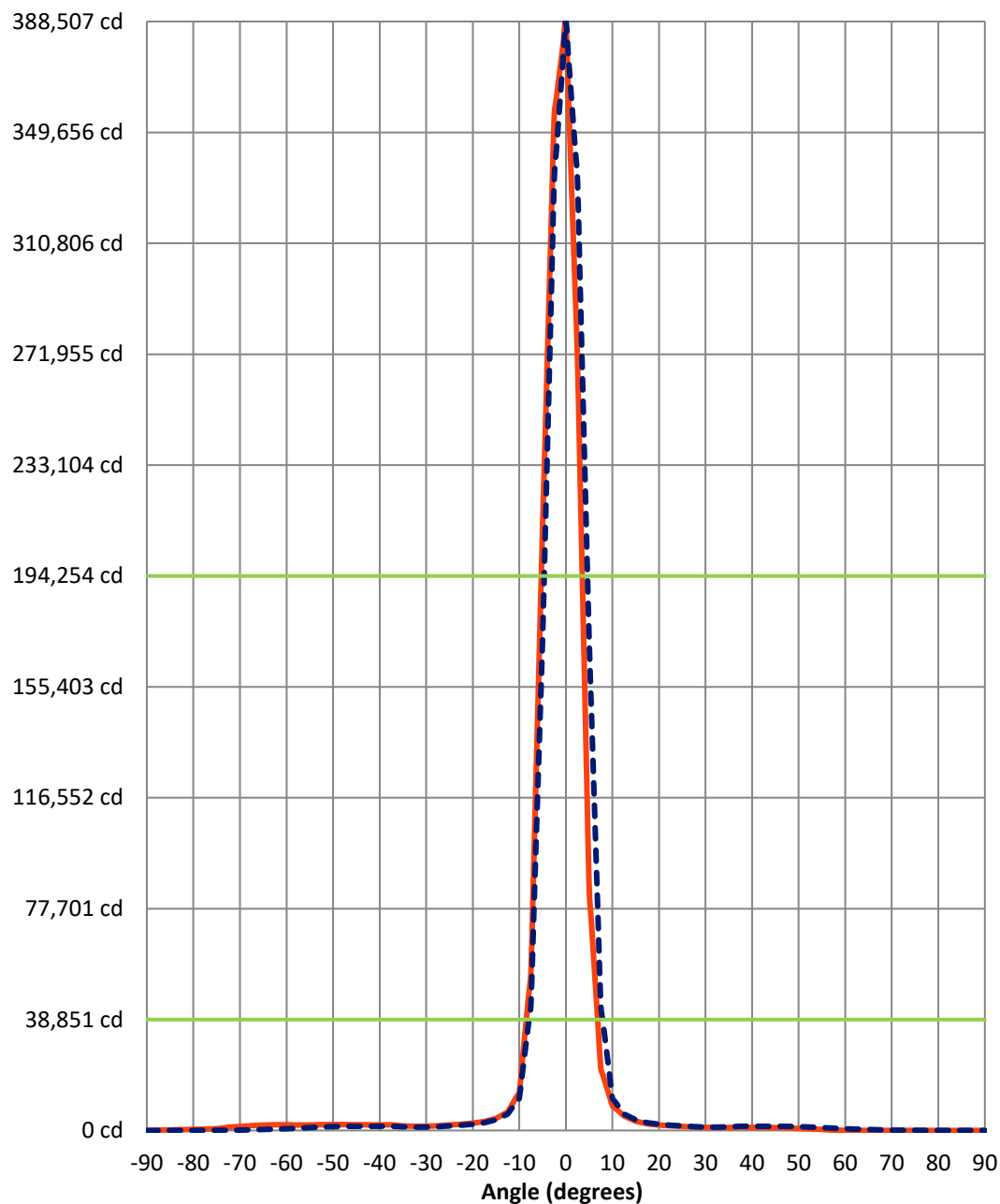
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5988.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9546.9

Efficiency: 57.8%

Spill:

Lumens: 6966.7

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	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	7.6	7.6	7.6	11.4	15.2	19.1	19.1	22.9
82.5°	0.0	3.8	3.8	7.6	7.6	11.4	11.4	19.1	22.9	26.7	34.3
80°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	15.2	19.1	26.7	30.5
77.5°	0.0	3.8	3.8	3.8	7.6	7.6	7.6	11.4	15.2	19.1	22.9
75°	0.0	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.4	11.4	15.2
72.5°	0.0	0.0	0.0	3.8	3.8	7.6	7.6	7.6	11.4	11.4	11.4
70°	0.0	0.0	0.0	3.8	3.8	7.6	7.6	7.6	11.4	11.4	11.4
67.5°	0.0	0.0	0.0	3.8	3.8	7.6	7.6	7.6	11.4	11.4	11.4
65°	0.0	0.0	0.0	3.8	3.8	7.6	7.6	11.4	11.4	11.4	11.4
62.5°	3.8	3.8	3.8	7.6	11.4	11.4	15.2	19.1	19.1	19.1	19.1
60°	38.1	41.9	45.7	45.7	41.9	41.9	45.7	45.7	45.7	45.7	45.7
57.5°	102.9	110.6	114.4	114.4	114.4	110.6	125.8	129.6	114.4	106.7	118.2
55°	358.3	369.8	362.2	350.7	327.8	301.2	293.5	289.7	293.5	274.5	244.0
52.5°	522.3	533.7	529.9	522.3	507.0	487.9	472.7	457.5	442.2	411.7	377.4
50°	678.6	682.4	678.6	670.9	655.7	636.6	606.1	571.8	541.3	533.7	503.2
47.5°	853.9	865.3	865.3	861.5	850.1	815.8	770.0	720.5	697.6	690.0	659.5
45°	1010.2	1017.8	1021.6	1025.5	1021.6	987.3	945.4	918.7	869.2	853.9	853.9
42.5°	1052.1	1056.0	1059.8	1063.6	1075.0	1048.3	1014.0	968.3	956.8	953.0	945.4
40°	1067.4	1059.8	1063.6	1067.4	1071.2	1052.1	1025.5	998.8	991.1	983.5	983.5
37.5°	1212.3	1177.9	1151.3	1128.4	1109.3	1090.3	1063.6	1040.7	1021.6	1006.4	1021.6
35°	1033.1	1033.1	1059.8	1082.6	1105.5	1128.4	1132.2	1105.5	1063.6	1044.5	1071.2
32.5°	1056.0	1056.0	1056.0	1063.6	1071.2	1090.3	1109.3	1120.8	1151.3	1116.9	1116.9
30°	1078.8	1082.6	1090.3	1094.1	1082.6	1075.0	1067.4	1067.4	1086.5	1136.0	1162.7
27.5°	1212.3	1212.3	1200.8	1185.6	1151.3	1097.9	1071.2	1033.1	1036.9	1059.8	1124.6
25°	1429.5	1421.9	1395.2	1357.1	1296.1	1219.9	1147.4	1067.4	1033.1	1021.6	1048.3
22.5°	1635.4	1624.0	1589.6	1555.3	1505.8	1429.5	1307.6	1185.6	1078.8	1033.1	1021.6
20°	1898.4	1871.7	1833.6	1780.3	1700.2	1624.0	1517.2	1357.1	1200.8	1082.6	1036.9
17.5°	2321.6	2287.3	2214.8	2119.5	1982.3	1864.1	1711.6	1559.2	1383.8	1193.2	1090.3
15°	3247.9	3160.2	3034.4	2771.4	2500.7	2275.8	2047.1	1791.7	1612.5	1360.9	1204.6
12.5°	5108.2	4868.1	4502.1	3888.3	3282.2	2760.0	2390.2	2062.4	1772.6	1540.1	1319.0
10°	8645.9	8131.2	7121.0	5443.7	4326.7	3366.1	2702.8	2264.4	1898.4	1658.3	1414.3
7.5°	21866.2	17836.9	12621.9	8619.2	5661.0	4113.3	3091.6	2455.0	2031.9	1734.5	1490.5
5°	85223.5	70203.8	37450.1	15629.6	8516.2	4974.8	3442.3	2607.5	2119.5	1791.7	1547.7
2.5°	270472.8	233571.6	122544.0	33645.7	10456.6	5603.8	3682.5	2702.8	2169.1	1833.6	1589.6
0°	388507.1	332964.7	171983.2	44250.9	11341.0	5763.9	3758.7	2721.8	2176.7	1841.2	1589.6
-2.5°	355418.0	311060.3	166135.5	41178.4	11588.8	5809.7	3819.7	2786.7	2233.9	1875.6	1601.1
-5°	211186.9	185241.7	115891.9	29360.9	10296.5	5394.1	3659.6	2729.5	2195.8	1856.5	1593.5
-7.5°	55641.5	48169.8	31686.2	15320.9	6663.6	4563.1	3362.3	2634.2	2146.2	1822.2	1563.0
-10°	13414.8	12713.4	11356.3	6960.9	5188.3	3812.1	2981.1	2462.6	2047.1	1776.4	1513.4
-12.5°	6469.1	6316.7	5733.4	4727.0	3850.2	3167.9	2699.0	2283.5	1955.6	1696.4	1444.8
-15°	4208.6	4120.9	3922.7	3537.6	3091.6	2763.8	2435.9	2100.5	1841.2	1578.2	1387.6
-17.5°	3114.5	3110.7	3011.6	2866.7	2645.6	2401.6	2161.5	1948.0	1696.4	1471.5	1326.6
-20°	2580.8	2580.8	2523.6	2428.3	2272.0	2111.9	1951.8	1753.6	1547.7	1380.0	1319.0

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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°	2192.0	2195.8	2165.3	2104.3	2020.4	1887.0	1730.7	1570.6	1421.9	1360.9	1341.9
-25°	1940.4	1932.7	1898.4	1841.2	1753.6	1646.8	1543.9	1437.2	1395.2	1380.0	1406.7
-27.5°	1643.0	1654.5	1639.2	1612.5	1555.3	1479.1	1456.2	1425.7	1433.4	1456.2	1559.2
-30°	1467.7	1479.1	1494.3	1505.8	1486.7	1467.7	1475.3	1498.2	1547.7	1635.4	1673.5
-32.5°	1467.7	1471.5	1494.3	1517.2	1528.7	1543.9	1585.8	1662.1	1734.5	1711.6	1704.0
-35°	1601.1	1589.6	1620.1	1650.6	1692.6	1745.9	1791.7	1776.4	1749.8	1742.1	1749.8
-37.5°	1982.3	1909.9	1879.4	1860.3	1848.9	1841.2	1829.8	1818.4	1806.9	1799.3	1810.8
-40°	1978.5	1959.4	1940.4	1925.1	1913.7	1898.4	1890.8	1887.0	1875.6	1867.9	1860.3
-42.5°	1970.9	1978.5	1978.5	1974.7	1978.5	1974.7	1963.2	1948.0	1928.9	1913.7	1898.4
-45°	2028.0	2031.9	2039.5	2047.1	2058.5	2043.3	2020.4	1993.7	1967.0	1944.2	1925.1
-47.5°	2062.4	2066.2	2073.8	2085.2	2092.8	2077.6	2047.1	2012.8	1970.9	1932.7	1894.6
-50°	2073.8	2085.2	2089.0	2089.0	2085.2	2066.2	2020.4	1970.9	1925.1	1887.0	1852.7
-52.5°	2020.4	2031.9	2035.7	2028.0	2024.2	2005.2	1963.2	1917.5	1867.9	1841.2	1810.8
-55°	1932.7	1948.0	1959.4	1959.4	1959.4	1955.6	1917.5	1875.6	1837.4	1806.9	1776.4
-57.5°	1898.4	1925.1	1948.0	1951.8	1955.6	1959.4	1932.7	1890.8	1845.1	1799.3	1761.2
-60°	2024.2	2047.1	2058.5	2043.3	2031.9	2020.4	1978.5	1928.9	1883.2	1837.4	1765.0
-62.5°	1989.9	2028.0	2047.1	2035.7	2020.4	2001.4	1955.6	1898.4	1845.1	1795.5	1723.1
-65°	1879.4	1913.7	1936.6	1917.5	1894.6	1867.9	1826.0	1772.6	1723.1	1673.5	1608.7
-67.5°	1692.6	1742.1	1780.3	1738.3	1707.8	1673.5	1639.2	1593.5	1543.9	1486.7	1425.7
-70°	1399.0	1437.2	1471.5	1460.0	1452.4	1444.8	1421.9	1376.2	1334.2	1288.5	1235.1
-72.5°	1124.6	1158.9	1189.4	1170.3	1155.1	1132.2	1097.9	1048.3	998.8	949.2	899.7
-75°	621.4	632.8	644.2	640.4	640.4	640.4	640.4	644.2	636.6	625.2	602.3
-77.5°	476.5	491.8	503.2	510.8	522.3	537.5	548.9	529.9	510.8	491.8	468.9
-80°	373.6	388.8	400.3	442.2	472.7	507.0	529.9	503.2	476.5	453.6	434.6
-82.5°	282.1	293.5	305.0	327.8	343.1	362.2	377.4	377.4	373.6	369.8	358.3
-85°	205.9	221.1	236.4	244.0	255.4	255.4	259.2	244.0	228.7	217.3	202.0
-87.5°	118.2	122.0	122.0	122.0	125.8	125.8	125.8	118.2	114.4	106.7	102.9
-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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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°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	15.2	15.2	19.1	19.1
85°	22.9	22.9	22.9	26.7	26.7	30.5	34.3	38.1	41.9	41.9	45.7
82.5°	38.1	41.9	45.7	49.6	53.4	57.2	61.0	64.8	76.2	83.9	87.7
80°	38.1	41.9	53.4	61.0	68.6	76.2	76.2	76.2	76.2	80.1	87.7
77.5°	26.7	30.5	34.3	41.9	61.0	76.2	87.7	95.3	87.7	83.9	76.2
75°	15.2	19.1	22.9	26.7	38.1	53.4	72.4	91.5	106.7	102.9	95.3
72.5°	15.2	15.2	19.1	22.9	26.7	30.5	34.3	53.4	76.2	95.3	106.7
70°	15.2	19.1	19.1	22.9	26.7	30.5	34.3	41.9	53.4	76.2	99.1
67.5°	15.2	19.1	19.1	26.7	34.3	38.1	41.9	38.1	34.3	49.6	72.4
65°	15.2	15.2	19.1	22.9	26.7	30.5	41.9	41.9	38.1	38.1	38.1
62.5°	22.9	22.9	22.9	22.9	26.7	26.7	26.7	34.3	34.3	34.3	34.3
60°	45.7	41.9	41.9	41.9	41.9	34.3	34.3	34.3	30.5	34.3	30.5
57.5°	110.6	91.5	83.9	83.9	72.4	68.6	57.2	41.9	41.9	34.3	34.3
55°	224.9	213.5	179.2	148.7	133.4	118.2	91.5	76.2	57.2	45.7	41.9
52.5°	346.9	316.4	285.9	247.8	209.7	179.2	152.5	118.2	95.3	68.6	53.4
50°	453.6	427.0	392.6	350.7	301.2	263.0	224.9	179.2	141.0	106.7	76.2
47.5°	617.6	564.2	522.3	472.7	415.5	362.2	312.6	259.2	198.2	156.3	118.2
45°	792.9	716.7	659.5	613.7	537.5	465.1	407.9	350.7	278.3	205.9	160.1
42.5°	914.9	857.7	781.5	720.5	651.9	575.6	499.4	438.4	362.2	278.3	205.9
40°	979.7	941.6	880.6	827.2	754.8	670.9	590.9	529.9	449.8	358.3	259.2
37.5°	1029.3	1010.2	979.7	937.8	869.2	770.0	690.0	617.6	548.9	442.2	335.5
35°	1086.5	1082.6	1063.6	1044.5	987.3	892.0	796.7	712.9	629.0	529.9	411.7
32.5°	1139.8	1136.0	1124.6	1116.9	1094.1	1010.2	907.3	812.0	716.7	613.7	484.1
30°	1166.5	1158.9	1158.9	1166.5	1143.6	1090.3	1014.0	911.1	804.4	682.4	560.4
27.5°	1166.5	1158.9	1162.7	1174.1	1170.3	1143.6	1086.5	1002.6	884.4	747.2	629.0
25°	1116.9	1155.1	1155.1	1170.3	1174.1	1166.5	1136.0	1082.6	960.7	815.8	682.4
22.5°	1048.3	1139.8	1174.1	1170.3	1174.1	1193.2	1197.0	1147.4	1033.1	884.4	735.7
20°	1048.3	1113.1	1212.3	1185.6	1193.2	1235.1	1254.2	1212.3	1109.3	949.2	789.1
17.5°	1071.2	1113.1	1197.0	1238.9	1250.4	1284.7	1315.2	1288.5	1177.9	1017.8	861.5
15°	1136.0	1128.4	1185.6	1288.5	1307.6	1334.2	1368.5	1338.0	1238.9	1094.1	930.2
12.5°	1181.8	1139.8	1185.6	1296.1	1357.1	1383.8	1395.2	1372.4	1292.3	1162.7	998.8
10°	1242.7	1170.3	1193.2	1288.5	1376.2	1395.2	1406.7	1399.0	1341.9	1219.9	1059.8
7.5°	1288.5	1185.6	1185.6	1277.1	1395.2	1410.5	1418.1	1425.7	1383.8	1269.4	1113.1
5°	1307.6	1185.6	1177.9	1265.6	1414.3	1429.5	1429.5	1441.0	1414.3	1307.6	1151.3
2.5°	1311.4	1181.8	1170.3	1258.0	1448.6	1448.6	1441.0	1452.4	1437.2	1330.4	1177.9
0°	1330.4	1177.9	1166.5	1269.4	1486.7	1471.5	1452.4	1456.2	1448.6	1341.9	1193.2
-2.5°	1330.4	1197.0	1181.8	1277.1	1482.9	1479.1	1471.5	1475.3	1467.7	1376.2	1223.7
-5°	1349.5	1223.7	1208.4	1311.4	1479.1	1490.5	1494.3	1494.3	1482.9	1399.0	1242.7
-7.5°	1353.3	1242.7	1238.9	1345.7	1486.7	1505.8	1517.2	1524.8	1502.0	1414.3	1258.0
-10°	1334.2	1250.4	1269.4	1387.6	1494.3	1521.0	1543.9	1555.3	1517.2	1421.9	1265.6
-12.5°	1292.3	1250.4	1299.9	1441.0	1513.4	1543.9	1578.2	1582.0	1532.5	1425.7	1269.4
-15°	1288.5	1280.9	1353.3	1494.3	1524.8	1563.0	1616.3	1604.9	1543.9	1425.7	1269.4
-17.5°	1284.7	1322.8	1433.4	1513.4	1543.9	1585.8	1627.8	1616.3	1551.5	1425.7	1261.8
-20°	1319.0	1391.4	1528.7	1532.5	1566.8	1612.5	1635.4	1612.5	1540.1	1414.3	1250.4



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CATALOG NUMBER: IFLD-L-SA8A-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°	1376.2	1513.4	1559.2	1574.4	1604.9	1639.2	1650.6	1616.3	1528.7	1395.2	1231.3
-25°	1521.0	1589.6	1589.6	1624.0	1654.5	1669.7	1658.3	1620.1	1513.4	1376.2	1212.3
-27.5°	1631.6	1627.8	1646.8	1681.1	1707.8	1707.8	1677.3	1601.1	1490.5	1357.1	1185.6
-30°	1673.5	1677.3	1704.0	1742.1	1749.8	1730.7	1685.0	1585.8	1471.5	1326.6	1151.3
-32.5°	1715.4	1730.7	1765.0	1784.1	1787.9	1749.8	1665.9	1559.2	1441.0	1292.3	1113.1
-35°	1765.0	1795.5	1814.6	1818.4	1799.3	1734.5	1639.2	1524.8	1395.2	1242.7	1078.8
-37.5°	1829.8	1845.1	1856.5	1841.2	1787.9	1711.6	1593.5	1479.1	1353.3	1189.4	1029.3
-40°	1871.7	1879.4	1883.2	1833.6	1768.8	1658.3	1543.9	1425.7	1280.9	1128.4	975.9
-42.5°	1898.4	1890.8	1860.3	1806.9	1711.6	1604.9	1494.3	1360.9	1216.1	1067.4	918.7
-45°	1890.8	1864.1	1818.4	1753.6	1654.5	1547.7	1418.1	1284.7	1147.4	1002.6	853.9
-47.5°	1860.3	1818.4	1761.2	1685.0	1593.5	1463.8	1334.2	1204.6	1071.2	930.2	792.9
-50°	1822.2	1772.6	1704.0	1608.7	1486.7	1368.5	1250.4	1124.6	987.3	857.7	735.7
-52.5°	1780.3	1726.9	1639.2	1532.5	1399.0	1277.1	1162.7	1040.7	914.9	792.9	686.2
-55°	1734.5	1681.1	1582.0	1460.0	1326.6	1193.2	1082.6	979.7	857.7	739.5	644.2
-57.5°	1711.6	1643.0	1540.1	1418.1	1277.1	1139.8	1044.5	934.0	823.4	701.4	609.9
-60°	1692.6	1624.0	1528.7	1387.6	1254.2	1124.6	1014.0	907.3	789.1	674.7	583.3
-62.5°	1639.2	1566.8	1479.1	1341.9	1212.3	1094.1	995.0	869.2	754.8	648.1	564.2
-65°	1532.5	1456.2	1380.0	1258.0	1139.8	1029.3	930.2	815.8	709.1	617.6	545.1
-67.5°	1364.7	1299.9	1231.3	1128.4	1029.3	930.2	838.7	739.5	651.9	587.1	548.9
-70°	1177.9	1109.3	1040.7	956.8	873.0	792.9	720.5	648.1	590.9	556.6	526.1
-72.5°	857.7	827.2	792.9	728.1	659.5	609.9	575.6	545.1	503.2	472.7	453.6
-75°	571.8	529.9	476.5	453.6	457.5	449.8	430.8	407.9	388.8	377.4	350.7
-77.5°	446.0	423.1	396.5	369.8	358.3	346.9	331.7	312.6	297.3	270.7	232.5
-80°	411.7	392.6	373.6	354.5	335.5	308.8	278.3	247.8	232.5	221.1	217.3
-82.5°	339.3	316.4	293.5	274.5	247.8	228.7	209.7	194.4	194.4	190.6	186.8
-85°	194.4	186.8	175.4	167.7	160.1	148.7	137.2	129.6	125.8	122.0	118.2
-87.5°	99.1	95.3	87.7	83.9	80.1	76.2	68.6	64.8	61.0	61.0	57.2
-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-SA8A-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°	19.1	19.1	15.2	15.2	15.2	11.4	7.6	7.6	3.8	3.8	0.0
85°	45.7	38.1	34.3	30.5	30.5	22.9	15.2	11.4	7.6	3.8	3.8
82.5°	87.7	76.2	64.8	57.2	45.7	34.3	26.7	19.1	11.4	7.6	3.8
80°	99.1	99.1	95.3	80.1	64.8	49.6	34.3	22.9	15.2	11.4	7.6
77.5°	76.2	83.9	83.9	83.9	80.1	61.0	41.9	26.7	15.2	11.4	7.6
75°	87.7	76.2	72.4	76.2	72.4	61.0	49.6	30.5	19.1	15.2	7.6
72.5°	106.7	91.5	80.1	76.2	68.6	57.2	45.7	34.3	19.1	15.2	11.4
70°	99.1	95.3	87.7	80.1	68.6	57.2	45.7	34.3	22.9	15.2	11.4
67.5°	87.7	87.7	87.7	80.1	68.6	53.4	41.9	30.5	22.9	15.2	11.4
65°	61.0	72.4	80.1	76.2	68.6	53.4	41.9	30.5	22.9	19.1	11.4
62.5°	38.1	49.6	64.8	72.4	64.8	53.4	38.1	30.5	22.9	19.1	11.4
60°	34.3	38.1	45.7	57.2	61.0	49.6	38.1	26.7	22.9	19.1	11.4
57.5°	34.3	34.3	38.1	45.7	49.6	45.7	34.3	22.9	22.9	19.1	15.2
55°	38.1	34.3	34.3	38.1	41.9	41.9	34.3	22.9	22.9	19.1	15.2
52.5°	45.7	38.1	34.3	34.3	34.3	38.1	30.5	22.9	22.9	19.1	15.2
50°	57.2	45.7	41.9	34.3	34.3	34.3	30.5	22.9	19.1	19.1	15.2
47.5°	76.2	61.0	45.7	41.9	34.3	30.5	26.7	22.9	19.1	19.1	15.2
45°	114.4	72.4	61.0	45.7	38.1	34.3	30.5	22.9	19.1	19.1	15.2
42.5°	156.3	106.7	76.2	53.4	41.9	34.3	30.5	26.7	19.1	19.1	15.2
40°	198.2	144.9	95.3	68.6	49.6	38.1	30.5	26.7	22.9	19.1	15.2
37.5°	244.0	179.2	125.8	87.7	57.2	41.9	34.3	26.7	22.9	19.1	15.2
35°	301.2	224.9	156.3	106.7	68.6	49.6	38.1	26.7	22.9	19.1	15.2
32.5°	366.0	266.8	186.8	129.6	87.7	61.0	41.9	30.5	22.9	19.1	15.2
30°	427.0	316.4	221.1	156.3	106.7	68.6	45.7	30.5	22.9	19.1	11.4
27.5°	487.9	366.0	263.0	183.0	129.6	80.1	49.6	34.3	22.9	19.1	15.2
25°	548.9	415.5	305.0	209.7	148.7	95.3	61.0	38.1	22.9	19.1	15.2
22.5°	602.3	465.1	343.1	240.2	171.5	110.6	68.6	41.9	26.7	19.1	15.2
20°	663.3	518.4	385.0	274.5	190.6	125.8	76.2	45.7	26.7	19.1	15.2
17.5°	720.5	571.8	427.0	305.0	213.5	141.0	87.7	49.6	30.5	19.1	15.2
15°	777.7	621.4	465.1	335.5	236.4	156.3	95.3	53.4	34.3	19.1	15.2
12.5°	831.0	667.1	499.4	362.2	255.4	171.5	102.9	57.2	38.1	19.1	15.2
10°	880.6	709.1	533.7	385.0	274.5	183.0	110.6	64.8	41.9	19.1	15.2
7.5°	930.2	743.4	560.4	407.9	297.3	198.2	118.2	68.6	45.7	22.9	15.2
5°	960.7	773.9	583.3	427.0	316.4	213.5	125.8	72.4	49.6	22.9	15.2
2.5°	987.3	796.7	598.5	446.0	335.5	224.9	125.8	76.2	53.4	22.9	15.2
0°	1002.6	812.0	609.9	457.5	350.7	232.5	129.6	80.1	57.2	22.9	15.2
-2.5°	1036.9	838.7	636.6	472.7	366.0	255.4	137.2	83.9	61.0	26.7	15.2
-5°	1059.8	853.9	655.7	487.9	377.4	278.3	148.7	91.5	68.6	34.3	19.1
-7.5°	1078.8	869.2	670.9	495.6	388.8	285.9	152.5	95.3	72.4	38.1	19.1
-10°	1082.6	876.8	682.4	507.0	396.5	297.3	156.3	99.1	76.2	41.9	19.1
-12.5°	1086.5	884.4	686.2	514.6	404.1	305.0	160.1	102.9	80.1	45.7	19.1
-15°	1082.6	880.6	686.2	522.3	407.9	297.3	167.7	106.7	83.9	49.6	19.1
-17.5°	1075.0	876.8	682.4	518.4	404.1	289.7	171.5	114.4	83.9	53.4	22.9
-20°	1063.6	865.3	674.7	514.6	400.3	282.1	175.4	118.2	87.7	53.4	22.9



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CATALOG NUMBER: IFLD-L-SA8A-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°	1044.5	846.3	659.5	503.2	392.6	274.5	175.4	125.8	91.5	53.4	22.9
-25°	1021.6	827.2	644.2	487.9	381.2	263.0	175.4	129.6	95.3	53.4	22.9
-27.5°	995.0	808.2	621.4	476.5	366.0	255.4	175.4	133.4	99.1	53.4	22.9
-30°	964.5	781.5	602.3	457.5	354.5	255.4	179.2	137.2	102.9	53.4	22.9
-32.5°	934.0	754.8	579.4	442.2	339.3	251.6	179.2	141.0	106.7	49.6	26.7
-35°	899.7	724.3	560.4	430.8	327.8	244.0	183.0	141.0	102.9	49.6	26.7
-37.5°	857.7	686.2	541.3	419.3	320.2	236.4	183.0	144.9	99.1	49.6	26.7
-40°	812.0	655.7	518.4	404.1	308.8	232.5	183.0	144.9	95.3	49.6	30.5
-42.5°	762.4	621.4	495.6	388.8	297.3	228.7	183.0	144.9	91.5	49.6	30.5
-45°	716.7	587.1	468.9	369.8	285.9	228.7	183.0	141.0	83.9	53.4	30.5
-47.5°	667.1	548.9	438.4	350.7	282.1	224.9	179.2	133.4	76.2	53.4	30.5
-50°	625.2	510.8	415.5	331.7	274.5	228.7	183.0	122.0	76.2	53.4	30.5
-52.5°	583.3	484.1	388.8	324.0	266.8	232.5	179.2	114.4	76.2	53.4	30.5
-55°	548.9	457.5	373.6	312.6	274.5	240.2	171.5	102.9	76.2	53.4	30.5
-57.5°	522.3	442.2	362.2	316.4	285.9	232.5	160.1	99.1	76.2	49.6	30.5
-60°	503.2	427.0	366.0	331.7	289.7	221.1	152.5	99.1	76.2	49.6	26.7
-62.5°	487.9	430.8	385.0	343.1	274.5	205.9	144.9	99.1	68.6	45.7	26.7
-65°	491.8	446.0	392.6	327.8	263.0	190.6	133.4	95.3	64.8	41.9	26.7
-67.5°	503.2	434.6	369.8	308.8	236.4	171.5	122.0	87.7	61.0	41.9	26.7
-70°	465.1	400.3	335.5	263.0	202.0	148.7	114.4	80.1	53.4	38.1	26.7
-72.5°	419.3	335.5	266.8	213.5	171.5	137.2	102.9	72.4	49.6	34.3	22.9
-75°	305.0	244.0	198.2	179.2	152.5	122.0	91.5	64.8	45.7	34.3	22.9
-77.5°	217.3	202.0	183.0	163.9	137.2	106.7	80.1	61.0	41.9	30.5	19.1
-80°	213.5	194.4	171.5	141.0	114.4	91.5	68.6	53.4	38.1	26.7	15.2
-82.5°	179.2	152.5	129.6	106.7	87.7	72.4	57.2	41.9	30.5	19.1	11.4
-85°	110.6	95.3	83.9	72.4	61.0	49.6	38.1	26.7	19.1	11.4	7.6
-87.5°	53.4	49.6	41.9	34.3	30.5	22.9	19.1	15.2	11.4	7.6	3.8
-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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CATALOG NUMBER: IFLD-L-SA8A-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°	3.8	0.0	0.0	0.0
80°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	7.6	3.8	3.8	0.0
67.5°	7.6	3.8	3.8	0.0
65°	7.6	3.8	3.8	0.0
62.5°	7.6	3.8	3.8	0.0
60°	7.6	3.8	3.8	0.0
57.5°	7.6	3.8	3.8	0.0
55°	7.6	3.8	3.8	0.0
52.5°	7.6	3.8	3.8	0.0
50°	7.6	3.8	3.8	0.0
47.5°	7.6	7.6	3.8	0.0
45°	7.6	7.6	3.8	0.0
42.5°	7.6	7.6	3.8	0.0
40°	7.6	7.6	3.8	0.0
37.5°	7.6	7.6	3.8	0.0
35°	7.6	7.6	3.8	0.0
32.5°	11.4	7.6	3.8	0.0
30°	11.4	7.6	7.6	0.0
27.5°	11.4	7.6	7.6	0.0
25°	11.4	7.6	7.6	0.0
22.5°	11.4	7.6	7.6	0.0
20°	11.4	7.6	7.6	0.0
17.5°	11.4	7.6	7.6	0.0
15°	11.4	7.6	7.6	0.0
12.5°	11.4	7.6	7.6	0.0
10°	11.4	7.6	7.6	0.0
7.5°	11.4	7.6	7.6	0.0
5°	11.4	7.6	7.6	0.0
2.5°	11.4	7.6	7.6	0.0
0°	11.4	7.6	7.6	0.0
-2.5°	11.4	7.6	7.6	0.0
-5°	11.4	7.6	7.6	0.0
-7.5°	11.4	7.6	7.6	0.0
-10°	11.4	7.6	7.6	0.0
-12.5°	15.2	7.6	7.6	0.0
-15°	15.2	7.6	7.6	0.0
-17.5°	15.2	7.6	7.6	0.0
-20°	15.2	7.6	7.6	0.0

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CATALOG NUMBER: IFLD-L-SA8A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.2	7.6	7.6	0.0
-25°	15.2	7.6	7.6	0.0
-27.5°	15.2	7.6	7.6	0.0
-30°	15.2	7.6	7.6	0.0
-32.5°	15.2	7.6	7.6	0.0
-35°	15.2	7.6	7.6	0.0
-37.5°	15.2	7.6	7.6	0.0
-40°	15.2	7.6	7.6	0.0
-42.5°	11.4	7.6	3.8	0.0
-45°	15.2	7.6	3.8	0.0
-47.5°	15.2	7.6	3.8	0.0
-50°	15.2	7.6	3.8	0.0
-52.5°	15.2	7.6	3.8	0.0
-55°	15.2	7.6	3.8	0.0
-57.5°	15.2	7.6	3.8	0.0
-60°	15.2	7.6	3.8	0.0
-62.5°	15.2	7.6	3.8	0.0
-65°	15.2	7.6	3.8	0.0
-67.5°	15.2	7.6	3.8	0.0
-70°	15.2	3.8	3.8	0.0
-72.5°	11.4	3.8	3.8	0.0
-75°	11.4	3.8	3.8	0.0
-77.5°	7.6	3.8	0.0	0.0
-80°	7.6	3.8	0.0	0.0
-82.5°	7.6	3.8	0.0	0.0
-85°	3.8	0.0	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)