

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: P723654

Luminaire Tested: **IFLD-L-SA7B-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723654
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15766.4 lumens	Max Intensity:	370929.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.1 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:	5717.6 lumens	Field Lumens:	9114.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

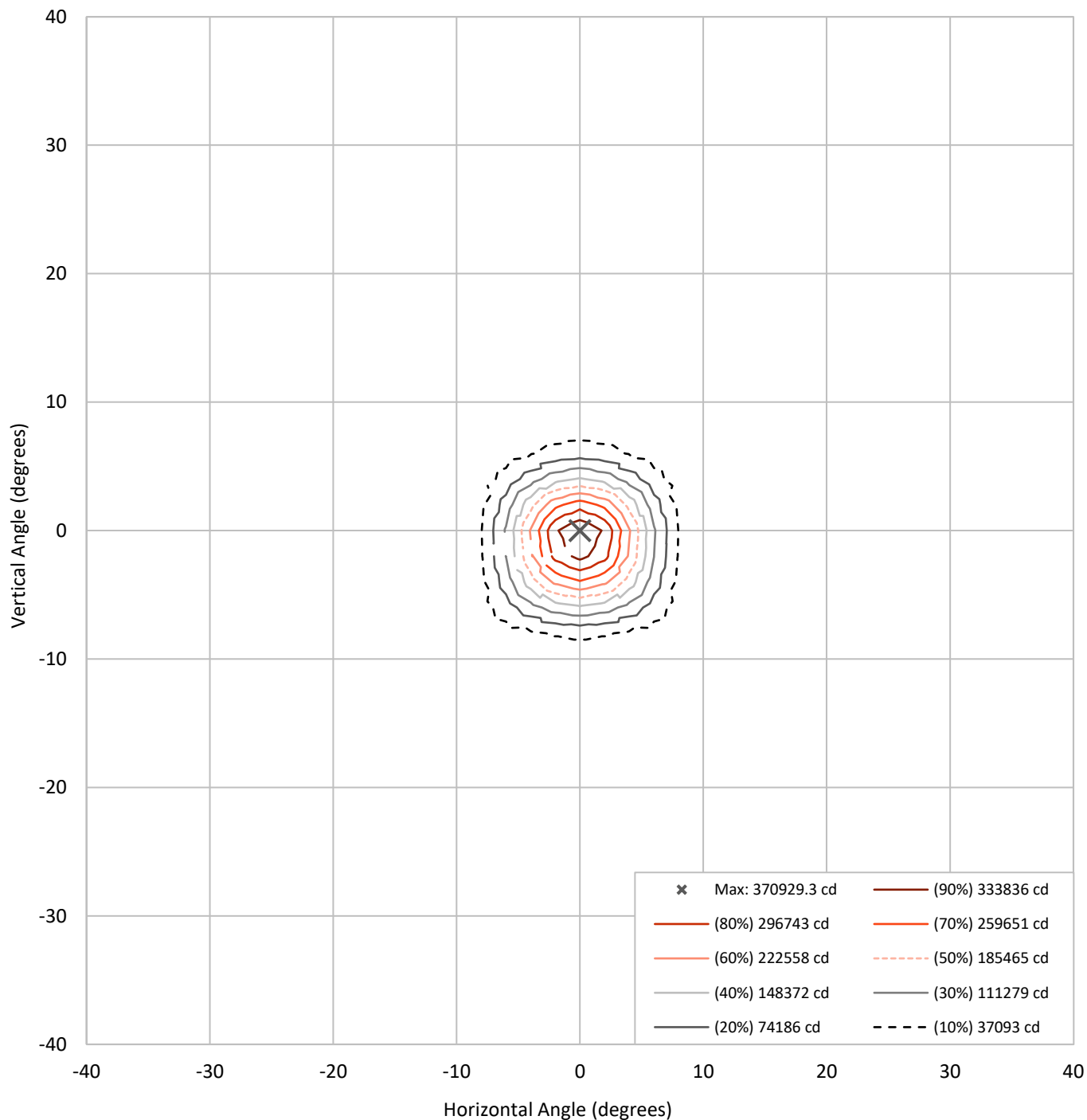
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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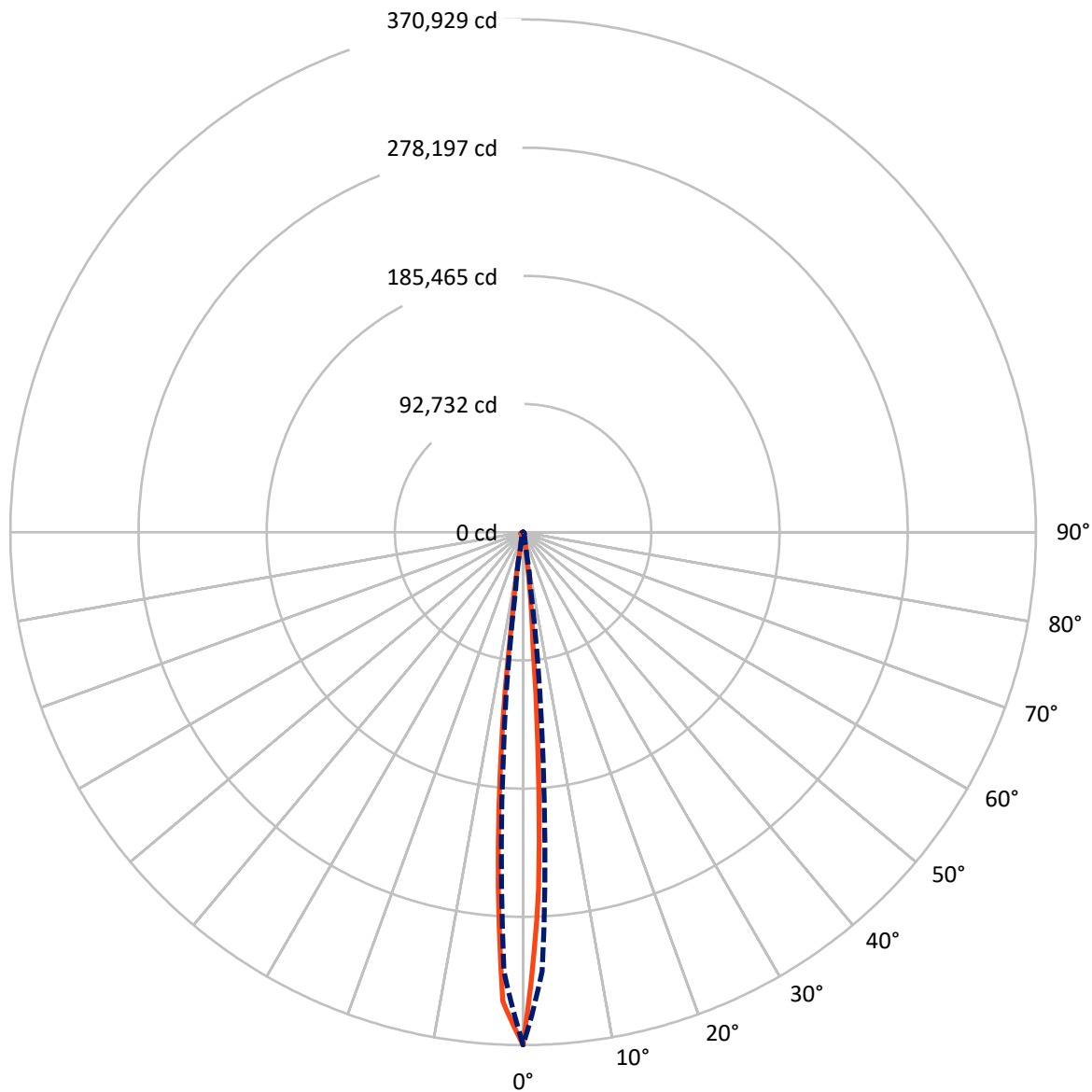
Lumen Table

	Horizontal Angle (degrees)																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Vertical Angle (degrees)																					
90																					
80	0.3		3.5		3.8		1.5		0.4		1.5		3.8		3.5		0.3				
70	0.4		0.8	1.0	0.8	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.8	1.0	0.8	0.4				
60			0.5	0.7	1.8	4.1	6.6	8.5	9.8	9.8	8.5	6.6	4.1	1.8	0.7	0.5					
50	0.4		0.5	2.2	7.2	14.1	20.7	24.9	27.6	27.6	24.9	20.7	14.1	7.2	2.2	0.5	0.4				
40			1.1	5.5	14.7	24.0	28.2	30.4	31.5	31.5	30.4	28.2	24.0	14.7	5.5	1.1					
30	0.6		2.0	9.3	21.5	27.8	28.6	33.8	40.6	40.6	33.8	28.6	27.8	21.5	9.3	2.0	0.6				
20			3.2	13.1	26.4	29.6	33.4	58.7	100.1	100.1	58.7	33.4	29.6	26.4	13.1	3.2					
10	1.1		4.2	16.1	29.0	30.7	41.2	111.7	2069.8	2069.8	111.7	41.2	30.7	29.0	16.1	4.2	1.1				
0			4.9	17.6	30.4	31.8	42.6	120.3	3017.9	3017.9	120.3	42.6	31.8	30.4	17.6	4.9					
-10	1.5		5.2	18.1	32.0	34.5	38.5	69.9	134.2	134.2	69.9	38.5	34.5	32.0	18.1	5.2	1.5				
-20			4.9	17.2	32.5	38.7	38.7	45.3	55.3	55.3	45.3	38.7	38.7	32.5	17.2	4.9					
-30	1.7		4.4	15.2	31.0	42.6	46.4	48.3	48.7	48.7	48.3	46.4	42.6	31.0	15.2	4.4	1.7				
-40			3.8	12.2	26.3	41.0	49.9	55.9	58.6	58.6	55.9	49.9	41.0	26.3	12.2	3.8					
-50	1.3		3.5	9.4	20.4	35.0	47.0	54.6	57.8	57.8	54.6	47.0	35.0	20.4	9.4	3.5	1.3				
-60			3.2	8.3	16.6	29.2	41.1	49.7	53.7	53.7	49.7	41.1	29.2	16.6	8.3	3.2					
-70	0.6		9.8			29.0		53.8		59.4		53.8		29.0		9.8		0.6			
-80																					
-90																					

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Luminous Intensity Polar Plot



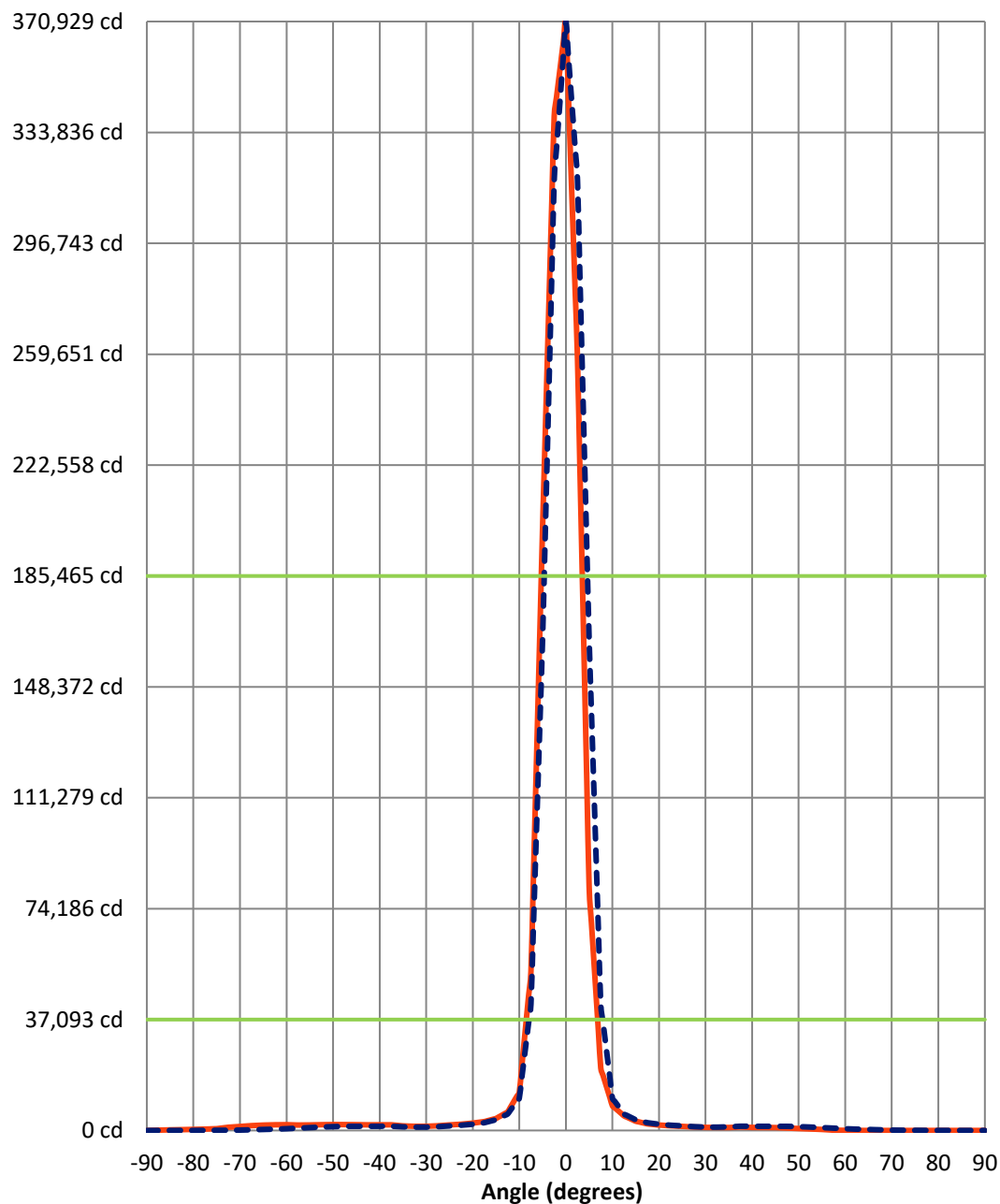
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5717.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9114.9

Efficiency: 57.8%

Spill:

Lumens: 6651.5

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	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
85°	0.0	3.6	3.6	7.3	7.3	7.3	10.9	14.6	18.2	18.2	21.8
82.5°	0.0	3.6	3.6	7.3	7.3	10.9	10.9	18.2	21.8	25.5	32.8
80°	3.6	3.6	3.6	7.3	7.3	10.9	10.9	14.6	18.2	25.5	29.1
77.5°	0.0	3.6	3.6	3.6	7.3	7.3	7.3	10.9	14.6	18.2	21.8
75°	0.0	3.6	3.6	3.6	7.3	7.3	7.3	7.3	10.9	10.9	14.6
72.5°	0.0	0.0	0.0	3.6	3.6	7.3	7.3	7.3	10.9	10.9	10.9
70°	0.0	0.0	0.0	3.6	3.6	7.3	7.3	7.3	10.9	10.9	10.9
67.5°	0.0	0.0	0.0	3.6	3.6	7.3	7.3	7.3	10.9	10.9	10.9
65°	0.0	0.0	0.0	3.6	3.6	7.3	7.3	10.9	10.9	10.9	10.9
62.5°	3.6	3.6	3.6	7.3	10.9	10.9	14.6	18.2	18.2	18.2	18.2
60°	36.4	40.0	43.7	43.7	40.0	40.0	43.7	43.7	43.7	43.7	43.7
57.5°	98.3	105.5	109.2	109.2	109.2	105.5	120.1	123.7	109.2	101.9	112.8
55°	342.1	353.0	345.8	334.8	313.0	287.5	280.3	276.6	280.3	262.1	232.9
52.5°	498.6	509.5	505.9	498.6	484.1	465.9	451.3	436.8	422.2	393.1	360.3
50°	647.9	651.5	647.9	640.6	626.0	607.8	578.7	545.9	516.8	509.5	480.4
47.5°	815.3	826.2	826.2	822.6	811.6	778.9	735.2	687.9	666.1	658.8	629.7
45°	964.5	971.8	975.4	979.1	975.4	942.7	902.6	877.2	829.8	815.3	815.3
42.5°	1004.5	1008.2	1011.8	1015.5	1026.4	1000.9	968.1	924.5	913.5	909.9	902.6
40°	1019.1	1011.8	1015.5	1019.1	1022.7	1004.5	979.1	953.6	946.3	939.0	939.0
37.5°	1157.4	1124.6	1099.2	1077.3	1059.1	1040.9	1015.5	993.6	975.4	960.9	975.4
35°	986.3	986.3	1011.8	1033.7	1055.5	1077.3	1081.0	1055.5	1015.5	997.3	1022.7
32.5°	1008.2	1008.2	1008.2	1015.5	1022.7	1040.9	1059.1	1070.1	1099.2	1066.4	1066.4
30°	1030.0	1033.7	1040.9	1044.6	1033.7	1026.4	1019.1	1019.1	1037.3	1084.6	1110.1
27.5°	1157.4	1157.4	1146.5	1131.9	1099.2	1048.2	1022.7	986.3	990.0	1011.8	1073.7
25°	1364.9	1357.6	1332.1	1295.7	1237.5	1164.7	1095.5	1019.1	986.3	975.4	1000.9
22.5°	1561.4	1550.5	1517.7	1485.0	1437.7	1364.9	1248.4	1131.9	1030.0	986.3	975.4
20°	1812.5	1787.1	1750.7	1699.7	1623.3	1550.5	1448.6	1295.7	1146.5	1033.7	990.0
17.5°	2216.5	2183.8	2114.6	2023.6	1892.6	1779.8	1634.2	1488.6	1321.2	1139.2	1040.9
15°	3101.0	3017.3	2897.1	2646.0	2387.6	2172.9	1954.5	1710.6	1539.6	1299.3	1150.1
12.5°	4877.1	4647.8	4298.4	3712.4	3133.7	2635.1	2282.0	1969.0	1692.4	1470.4	1259.3
10°	8254.7	7763.3	6798.8	5197.4	4131.0	3213.8	2580.5	2161.9	1812.5	1583.2	1350.3
7.5°	20876.9	17029.8	12050.8	8229.2	5404.9	3927.2	2951.7	2343.9	1939.9	1656.0	1423.1
5°	81367.6	67027.4	35755.7	14922.5	8130.9	4749.7	3286.6	2489.5	2023.6	1710.6	1477.7
2.5°	258235.4	223003.8	116999.6	32123.4	9983.5	5350.3	3515.9	2580.5	2070.9	1750.7	1517.7
0°	370929.3	317899.9	164201.9	42248.8	10827.9	5503.1	3588.7	2598.7	2078.2	1757.9	1517.7
-2.5°	339337.3	296986.5	158618.7	39315.3	11064.5	5546.8	3646.9	2660.6	2132.8	1790.7	1528.6
-5°	201631.9	176860.5	110648.4	28032.4	9830.6	5150.1	3494.0	2606.0	2096.4	1772.5	1521.4
-7.5°	53124.0	45990.4	30252.6	14627.7	6362.1	4356.6	3210.2	2515.0	2049.1	1739.7	1492.2
-10°	12807.9	12138.2	10842.5	6646.0	4953.5	3639.6	2846.2	2351.2	1954.5	1696.1	1444.9
-12.5°	6176.5	6030.9	5474.0	4513.1	3676.0	3024.5	2576.9	2180.1	1867.1	1619.6	1379.4
-15°	4018.2	3934.4	3745.2	3377.6	2951.7	2638.7	2325.7	2005.4	1757.9	1506.8	1324.8
-17.5°	2973.6	2969.9	2875.3	2737.0	2525.9	2293.0	2063.7	1859.9	1619.6	1404.9	1266.6
-20°	2464.0	2464.0	2409.4	2318.4	2169.2	2016.4	1863.5	1674.2	1477.7	1317.5	1259.3

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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°	2092.8	2096.4	2067.3	2009.1	1929.0	1801.6	1652.4	1499.5	1357.6	1299.3	1281.1
-25°	1852.6	1845.3	1812.5	1757.9	1674.2	1572.3	1474.1	1372.1	1332.1	1317.5	1343.0
-27.5°	1568.7	1579.6	1565.0	1539.6	1485.0	1412.2	1390.3	1361.2	1368.5	1390.3	1488.6
-30°	1401.3	1412.2	1426.7	1437.7	1419.5	1401.3	1408.5	1430.4	1477.7	1561.4	1597.8
-32.5°	1401.3	1404.9	1426.7	1448.6	1459.5	1474.1	1514.1	1586.9	1656.0	1634.2	1626.9
-35°	1528.6	1517.7	1546.8	1576.0	1616.0	1667.0	1710.6	1696.1	1670.6	1663.3	1670.6
-37.5°	1892.6	1823.5	1794.3	1776.1	1765.2	1757.9	1747.0	1736.1	1725.2	1717.9	1728.8
-40°	1889.0	1870.8	1852.6	1838.0	1827.1	1812.5	1805.3	1801.6	1790.7	1783.4	1776.1
-42.5°	1881.7	1889.0	1889.0	1885.3	1889.0	1885.3	1874.4	1859.9	1841.7	1827.1	1812.5
-45°	1936.3	1939.9	1947.2	1954.5	1965.4	1950.8	1929.0	1903.5	1878.0	1856.2	1838.0
-47.5°	1969.0	1972.7	1980.0	1990.9	1998.2	1983.6	1954.5	1921.7	1881.7	1845.3	1808.9
-50°	1980.0	1990.9	1994.5	1994.5	1990.9	1972.7	1929.0	1881.7	1838.0	1801.6	1768.9
-52.5°	1929.0	1939.9	1943.6	1936.3	1932.6	1914.4	1874.4	1830.7	1783.4	1757.9	1728.8
-55°	1845.3	1859.9	1870.8	1870.8	1870.8	1867.1	1830.7	1790.7	1754.3	1725.2	1696.1
-57.5°	1812.5	1838.0	1859.9	1863.5	1867.1	1870.8	1845.3	1805.3	1761.6	1717.9	1681.5
-60°	1932.6	1954.5	1965.4	1950.8	1939.9	1929.0	1889.0	1841.7	1798.0	1754.3	1685.1
-62.5°	1899.9	1936.3	1954.5	1943.6	1929.0	1910.8	1867.1	1812.5	1761.6	1714.3	1645.1
-65°	1794.3	1827.1	1848.9	1830.7	1808.9	1783.4	1743.4	1692.4	1645.1	1597.8	1535.9
-67.5°	1616.0	1663.3	1699.7	1659.7	1630.6	1597.8	1565.0	1521.4	1474.1	1419.5	1361.2
-70°	1335.7	1372.1	1404.9	1394.0	1386.7	1379.4	1357.6	1313.9	1273.9	1230.2	1179.2
-72.5°	1073.7	1106.4	1135.6	1117.4	1102.8	1081.0	1048.2	1000.9	953.6	906.3	859.0
-75°	593.3	604.2	615.1	611.5	611.5	611.5	611.5	615.1	607.8	596.9	575.1
-77.5°	455.0	469.5	480.4	487.7	498.6	513.2	524.1	505.9	487.7	469.5	447.7
-80°	356.7	371.2	382.2	422.2	451.3	484.1	505.9	480.4	455.0	433.1	414.9
-82.5°	269.3	280.3	291.2	313.0	327.6	345.8	360.3	360.3	356.7	353.0	342.1
-85°	196.5	211.1	225.7	232.9	243.9	243.9	247.5	232.9	218.4	207.5	192.9
-87.5°	112.8	116.5	116.5	116.5	120.1	120.1	120.1	112.8	109.2	101.9	98.3
-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°	3.6	3.6	3.6	7.3	7.3	10.9	10.9	14.6	14.6	18.2	18.2
85°	21.8	21.8	21.8	25.5	25.5	29.1	32.8	36.4	40.0	40.0	43.7
82.5°	36.4	40.0	43.7	47.3	51.0	54.6	58.2	61.9	72.8	80.1	83.7
80°	36.4	40.0	51.0	58.2	65.5	72.8	72.8	72.8	72.8	76.4	83.7
77.5°	25.5	29.1	32.8	40.0	58.2	72.8	83.7	91.0	83.7	80.1	72.8
75°	14.6	18.2	21.8	25.5	36.4	51.0	69.2	87.4	101.9	98.3	91.0
72.5°	14.6	14.6	18.2	21.8	25.5	29.1	32.8	51.0	72.8	91.0	101.9
70°	14.6	18.2	18.2	21.8	25.5	29.1	32.8	40.0	51.0	72.8	94.6
67.5°	14.6	18.2	18.2	25.5	32.8	36.4	40.0	36.4	32.8	47.3	69.2
65°	14.6	14.6	18.2	21.8	25.5	29.1	40.0	40.0	36.4	36.4	36.4
62.5°	21.8	21.8	21.8	21.8	25.5	25.5	25.5	32.8	32.8	32.8	32.8
60°	43.7	40.0	40.0	40.0	40.0	32.8	32.8	32.8	29.1	32.8	29.1
57.5°	105.5	87.4	80.1	80.1	69.2	65.5	54.6	40.0	40.0	32.8	32.8
55°	214.7	203.8	171.1	141.9	127.4	112.8	87.4	72.8	54.6	43.7	40.0
52.5°	331.2	302.1	273.0	236.6	200.2	171.1	145.6	112.8	91.0	65.5	51.0
50°	433.1	407.6	374.9	334.8	287.5	251.1	214.7	171.1	134.7	101.9	72.8
47.5°	589.6	538.7	498.6	451.3	396.7	345.8	298.4	247.5	189.3	149.2	112.8
45°	757.0	684.3	629.7	586.0	513.2	444.0	389.4	334.8	265.7	196.5	152.9
42.5°	873.5	818.9	746.1	687.9	622.4	549.6	476.8	418.6	345.8	265.7	196.5
40°	935.4	899.0	840.8	789.8	720.6	640.6	564.1	505.9	429.5	342.1	247.5
37.5°	982.7	964.5	935.4	895.3	829.8	735.2	658.8	589.6	524.1	422.2	320.3
35°	1037.3	1033.7	1015.5	997.3	942.7	851.7	760.7	680.6	600.5	505.9	393.1
32.5°	1088.2	1084.6	1073.7	1066.4	1044.6	964.5	866.2	775.2	684.3	586.0	462.2
30°	1113.7	1106.4	1106.4	1113.7	1091.9	1040.9	968.1	869.9	768.0	651.5	535.0
27.5°	1113.7	1106.4	1110.1	1121.0	1117.4	1091.9	1037.3	957.2	844.4	713.4	600.5
25°	1066.4	1102.8	1102.8	1117.4	1121.0	1113.7	1084.6	1033.7	917.2	778.9	651.5
22.5°	1000.9	1088.2	1121.0	1117.4	1121.0	1139.2	1142.8	1095.5	986.3	844.4	702.4
20°	1000.9	1062.8	1157.4	1131.9	1139.2	1179.2	1197.4	1157.4	1059.1	906.3	753.4
17.5°	1022.7	1062.8	1142.8	1182.9	1193.8	1226.6	1255.7	1230.2	1124.6	971.8	822.6
15°	1084.6	1077.3	1131.9	1230.2	1248.4	1273.9	1306.6	1277.5	1182.9	1044.6	888.1
12.5°	1128.3	1088.2	1131.9	1237.5	1295.7	1321.2	1332.1	1310.3	1233.8	1110.1	953.6
10°	1186.5	1117.4	1139.2	1230.2	1313.9	1332.1	1343.0	1335.7	1281.1	1164.7	1011.8
7.5°	1230.2	1131.9	1131.9	1219.3	1332.1	1346.7	1353.9	1361.2	1321.2	1212.0	1062.8
5°	1248.4	1131.9	1124.6	1208.4	1350.3	1364.9	1364.9	1375.8	1350.3	1248.4	1099.2
2.5°	1252.0	1128.3	1117.4	1201.1	1383.1	1383.1	1375.8	1386.7	1372.1	1270.2	1124.6
0°	1270.2	1124.6	1113.7	1212.0	1419.5	1404.9	1386.7	1390.3	1383.1	1281.1	1139.2
-2.5°	1270.2	1142.8	1128.3	1219.3	1415.8	1412.2	1404.9	1408.5	1401.3	1313.9	1168.3
-5°	1288.4	1168.3	1153.8	1252.0	1412.2	1423.1	1426.7	1426.7	1415.8	1335.7	1186.5
-7.5°	1292.1	1186.5	1182.9	1284.8	1419.5	1437.7	1448.6	1455.9	1434.0	1350.3	1201.1
-10°	1273.9	1193.8	1212.0	1324.8	1426.7	1452.2	1474.1	1485.0	1448.6	1357.6	1208.4
-12.5°	1233.8	1193.8	1241.1	1375.8	1444.9	1474.1	1506.8	1510.4	1463.1	1361.2	1212.0
-15°	1230.2	1222.9	1292.1	1426.7	1455.9	1492.2	1543.2	1532.3	1474.1	1361.2	1212.0
-17.5°	1226.6	1263.0	1368.5	1444.9	1474.1	1514.1	1554.1	1543.2	1481.3	1361.2	1204.7
-20°	1259.3	1328.5	1459.5	1463.1	1495.9	1539.6	1561.4	1539.6	1470.4	1350.3	1193.8

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CATALOG NUMBER: IFLD-L-SA7B-727-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°	1313.9	1444.9	1488.6	1503.2	1532.3	1565.0	1576.0	1543.2	1459.5	1332.1	1175.6
-25°	1452.2	1517.7	1517.7	1550.5	1579.6	1594.2	1583.2	1546.8	1444.9	1313.9	1157.4
-27.5°	1557.8	1554.1	1572.3	1605.1	1630.6	1630.6	1601.4	1528.6	1423.1	1295.7	1131.9
-30°	1597.8	1601.4	1626.9	1663.3	1670.6	1652.4	1608.7	1514.1	1404.9	1266.6	1099.2
-32.5°	1637.8	1652.4	1685.1	1703.3	1707.0	1670.6	1590.5	1488.6	1375.8	1233.8	1062.8
-35°	1685.1	1714.3	1732.5	1736.1	1717.9	1656.0	1565.0	1455.9	1332.1	1186.5	1030.0
-37.5°	1747.0	1761.6	1772.5	1757.9	1707.0	1634.2	1521.4	1412.2	1292.1	1135.6	982.7
-40°	1787.1	1794.3	1798.0	1750.7	1688.8	1583.2	1474.1	1361.2	1222.9	1077.3	931.7
-42.5°	1812.5	1805.3	1776.1	1725.2	1634.2	1532.3	1426.7	1299.3	1161.0	1019.1	877.2
-45°	1805.3	1779.8	1736.1	1674.2	1579.6	1477.7	1353.9	1226.6	1095.5	957.2	815.3
-47.5°	1776.1	1736.1	1681.5	1608.7	1521.4	1397.6	1273.9	1150.1	1022.7	888.1	757.0
-50°	1739.7	1692.4	1626.9	1535.9	1419.5	1306.6	1193.8	1073.7	942.7	818.9	702.4
-52.5°	1699.7	1648.8	1565.0	1463.1	1335.7	1219.3	1110.1	993.6	873.5	757.0	655.1
-55°	1656.0	1605.1	1510.4	1394.0	1266.6	1139.2	1033.7	935.4	818.9	706.1	615.1
-57.5°	1634.2	1568.7	1470.4	1353.9	1219.3	1088.2	997.3	891.7	786.2	669.7	582.3
-60°	1616.0	1550.5	1459.5	1324.8	1197.4	1073.7	968.1	866.2	753.4	644.2	556.9
-62.5°	1565.0	1495.9	1412.2	1281.1	1157.4	1044.6	949.9	829.8	720.6	618.7	538.7
-65°	1463.1	1390.3	1317.5	1201.1	1088.2	982.7	888.1	778.9	677.0	589.6	520.5
-67.5°	1303.0	1241.1	1175.6	1077.3	982.7	888.1	800.7	706.1	622.4	560.5	524.1
-70°	1124.6	1059.1	993.6	913.5	833.5	757.0	687.9	618.7	564.1	531.4	502.3
-72.5°	818.9	789.8	757.0	695.2	629.7	582.3	549.6	520.5	480.4	451.3	433.1
-75°	545.9	505.9	455.0	433.1	436.8	429.5	411.3	389.4	371.2	360.3	334.8
-77.5°	425.8	404.0	378.5	353.0	342.1	331.2	316.6	298.4	283.9	258.4	222.0
-80°	393.1	374.9	356.7	338.5	320.3	294.8	265.7	236.6	222.0	211.1	207.5
-82.5°	323.9	302.1	280.3	262.1	236.6	218.4	200.2	185.6	185.6	182.0	178.3
-85°	185.6	178.3	167.4	160.1	152.9	141.9	131.0	123.7	120.1	116.5	112.8
-87.5°	94.6	91.0	83.7	80.1	76.4	72.8	65.5	61.9	58.2	58.2	54.6
-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-SA7B-727-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°	18.2	18.2	14.6	14.6	14.6	10.9	7.3	7.3	3.6	3.6	0.0
85°	43.7	36.4	32.8	29.1	29.1	21.8	14.6	10.9	7.3	3.6	3.6
82.5°	83.7	72.8	61.9	54.6	43.7	32.8	25.5	18.2	10.9	7.3	3.6
80°	94.6	94.6	91.0	76.4	61.9	47.3	32.8	21.8	14.6	10.9	7.3
77.5°	72.8	80.1	80.1	80.1	76.4	58.2	40.0	25.5	14.6	10.9	7.3
75°	83.7	72.8	69.2	72.8	69.2	58.2	47.3	29.1	18.2	14.6	7.3
72.5°	101.9	87.4	76.4	72.8	65.5	54.6	43.7	32.8	18.2	14.6	10.9
70°	94.6	91.0	83.7	76.4	65.5	54.6	43.7	32.8	21.8	14.6	10.9
67.5°	83.7	83.7	83.7	76.4	65.5	51.0	40.0	29.1	21.8	14.6	10.9
65°	58.2	69.2	76.4	72.8	65.5	51.0	40.0	29.1	21.8	18.2	10.9
62.5°	36.4	47.3	61.9	69.2	61.9	51.0	36.4	29.1	21.8	18.2	10.9
60°	32.8	36.4	43.7	54.6	58.2	47.3	36.4	25.5	21.8	18.2	10.9
57.5°	32.8	32.8	36.4	43.7	47.3	43.7	32.8	21.8	21.8	18.2	14.6
55°	36.4	32.8	32.8	36.4	40.0	40.0	32.8	21.8	21.8	18.2	14.6
52.5°	43.7	36.4	32.8	32.8	32.8	36.4	29.1	21.8	21.8	18.2	14.6
50°	54.6	43.7	40.0	32.8	32.8	32.8	29.1	21.8	18.2	18.2	14.6
47.5°	72.8	58.2	43.7	40.0	32.8	29.1	25.5	21.8	18.2	18.2	14.6
45°	109.2	69.2	58.2	43.7	36.4	32.8	29.1	21.8	18.2	18.2	14.6
42.5°	149.2	101.9	72.8	51.0	40.0	32.8	29.1	25.5	18.2	18.2	14.6
40°	189.3	138.3	91.0	65.5	47.3	36.4	29.1	25.5	21.8	18.2	14.6
37.5°	232.9	171.1	120.1	83.7	54.6	40.0	32.8	25.5	21.8	18.2	14.6
35°	287.5	214.7	149.2	101.9	65.5	47.3	36.4	25.5	21.8	18.2	14.6
32.5°	349.4	254.8	178.3	123.7	83.7	58.2	40.0	29.1	21.8	18.2	14.6
30°	407.6	302.1	211.1	149.2	101.9	65.5	43.7	29.1	21.8	18.2	10.9
27.5°	465.9	349.4	251.1	174.7	123.7	76.4	47.3	32.8	21.8	18.2	14.6
25°	524.1	396.7	291.2	200.2	141.9	91.0	58.2	36.4	21.8	18.2	14.6
22.5°	575.1	444.0	327.6	229.3	163.8	105.5	65.5	40.0	25.5	18.2	14.6
20°	633.3	495.0	367.6	262.1	182.0	120.1	72.8	43.7	25.5	18.2	14.6
17.5°	687.9	545.9	407.6	291.2	203.8	134.7	83.7	47.3	29.1	18.2	14.6
15°	742.5	593.3	444.0	320.3	225.7	149.2	91.0	51.0	32.8	18.2	14.6
12.5°	793.4	636.9	476.8	345.8	243.9	163.8	98.3	54.6	36.4	18.2	14.6
10°	840.8	677.0	509.5	367.6	262.1	174.7	105.5	61.9	40.0	18.2	14.6
7.5°	888.1	709.7	535.0	389.4	283.9	189.3	112.8	65.5	43.7	21.8	14.6
5°	917.2	738.8	556.9	407.6	302.1	203.8	120.1	69.2	47.3	21.8	14.6
2.5°	942.7	760.7	571.4	425.8	320.3	214.7	120.1	72.8	51.0	21.8	14.6
0°	957.2	775.2	582.3	436.8	334.8	222.0	123.7	76.4	54.6	21.8	14.6
-2.5°	990.0	800.7	607.8	451.3	349.4	243.9	131.0	80.1	58.2	25.5	14.6
-5°	1011.8	815.3	626.0	465.9	360.3	265.7	141.9	87.4	65.5	32.8	18.2
-7.5°	1030.0	829.8	640.6	473.2	371.2	273.0	145.6	91.0	69.2	36.4	18.2
-10°	1033.7	837.1	651.5	484.1	378.5	283.9	149.2	94.6	72.8	40.0	18.2
-12.5°	1037.3	844.4	655.1	491.4	385.8	291.2	152.9	98.3	76.4	43.7	18.2
-15°	1033.7	840.8	655.1	498.6	389.4	283.9	160.1	101.9	80.1	47.3	18.2
-17.5°	1026.4	837.1	651.5	495.0	385.8	276.6	163.8	109.2	80.1	51.0	21.8
-20°	1015.5	826.2	644.2	491.4	382.2	269.3	167.4	112.8	83.7	51.0	21.8

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CATALOG NUMBER: IFLD-L-SA7B-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°	997.3	808.0	629.7	480.4	374.9	262.1	167.4	120.1	87.4	51.0	21.8
-25°	975.4	789.8	615.1	465.9	364.0	251.1	167.4	123.7	91.0	51.0	21.8
-27.5°	949.9	771.6	593.3	455.0	349.4	243.9	167.4	127.4	94.6	51.0	21.8
-30°	920.8	746.1	575.1	436.8	338.5	243.9	171.1	131.0	98.3	51.0	21.8
-32.5°	891.7	720.6	553.2	422.2	323.9	240.2	171.1	134.7	101.9	47.3	25.5
-35°	859.0	691.5	535.0	411.3	313.0	232.9	174.7	134.7	98.3	47.3	25.5
-37.5°	818.9	655.1	516.8	400.4	305.7	225.7	174.7	138.3	94.6	47.3	25.5
-40°	775.2	626.0	495.0	385.8	294.8	222.0	174.7	138.3	91.0	47.3	29.1
-42.5°	727.9	593.3	473.2	371.2	283.9	218.4	174.7	138.3	87.4	47.3	29.1
-45°	684.3	560.5	447.7	353.0	273.0	218.4	174.7	134.7	80.1	51.0	29.1
-47.5°	636.9	524.1	418.6	334.8	269.3	214.7	171.1	127.4	72.8	51.0	29.1
-50°	596.9	487.7	396.7	316.6	262.1	218.4	174.7	116.5	72.8	51.0	29.1
-52.5°	556.9	462.2	371.2	309.4	254.8	222.0	171.1	109.2	72.8	51.0	29.1
-55°	524.1	436.8	356.7	298.4	262.1	229.3	163.8	98.3	72.8	51.0	29.1
-57.5°	498.6	422.2	345.8	302.1	273.0	222.0	152.9	94.6	72.8	47.3	29.1
-60°	480.4	407.6	349.4	316.6	276.6	211.1	145.6	94.6	72.8	47.3	25.5
-62.5°	465.9	411.3	367.6	327.6	262.1	196.5	138.3	94.6	65.5	43.7	25.5
-65°	469.5	425.8	374.9	313.0	251.1	182.0	127.4	91.0	61.9	40.0	25.5
-67.5°	480.4	414.9	353.0	294.8	225.7	163.8	116.5	83.7	58.2	40.0	25.5
-70°	444.0	382.2	320.3	251.1	192.9	141.9	109.2	76.4	51.0	36.4	25.5
-72.5°	400.4	320.3	254.8	203.8	163.8	131.0	98.3	69.2	47.3	32.8	21.8
-75°	291.2	232.9	189.3	171.1	145.6	116.5	87.4	61.9	43.7	32.8	21.8
-77.5°	207.5	192.9	174.7	156.5	131.0	101.9	76.4	58.2	40.0	29.1	18.2
-80°	203.8	185.6	163.8	134.7	109.2	87.4	65.5	51.0	36.4	25.5	14.6
-82.5°	171.1	145.6	123.7	101.9	83.7	69.2	54.6	40.0	29.1	18.2	10.9
-85°	105.5	91.0	80.1	69.2	58.2	47.3	36.4	25.5	18.2	10.9	7.3
-87.5°	51.0	47.3	40.0	32.8	29.1	21.8	18.2	14.6	10.9	7.3	3.6
-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-SA7B-727-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°	3.6	0.0	0.0	0.0
80°	3.6	0.0	0.0	0.0
77.5°	3.6	0.0	0.0	0.0
75°	3.6	3.6	0.0	0.0
72.5°	3.6	3.6	0.0	0.0
70°	7.3	3.6	3.6	0.0
67.5°	7.3	3.6	3.6	0.0
65°	7.3	3.6	3.6	0.0
62.5°	7.3	3.6	3.6	0.0
60°	7.3	3.6	3.6	0.0
57.5°	7.3	3.6	3.6	0.0
55°	7.3	3.6	3.6	0.0
52.5°	7.3	3.6	3.6	0.0
50°	7.3	3.6	3.6	0.0
47.5°	7.3	7.3	3.6	0.0
45°	7.3	7.3	3.6	0.0
42.5°	7.3	7.3	3.6	0.0
40°	7.3	7.3	3.6	0.0
37.5°	7.3	7.3	3.6	0.0
35°	7.3	7.3	3.6	0.0
32.5°	10.9	7.3	3.6	0.0
30°	10.9	7.3	7.3	0.0
27.5°	10.9	7.3	7.3	0.0
25°	10.9	7.3	7.3	0.0
22.5°	10.9	7.3	7.3	0.0
20°	10.9	7.3	7.3	0.0
17.5°	10.9	7.3	7.3	0.0
15°	10.9	7.3	7.3	0.0
12.5°	10.9	7.3	7.3	0.0
10°	10.9	7.3	7.3	0.0
7.5°	10.9	7.3	7.3	0.0
5°	10.9	7.3	7.3	0.0
2.5°	10.9	7.3	7.3	0.0
0°	10.9	7.3	7.3	0.0
-2.5°	10.9	7.3	7.3	0.0
-5°	10.9	7.3	7.3	0.0
-7.5°	10.9	7.3	7.3	0.0
-10°	10.9	7.3	7.3	0.0
-12.5°	14.6	7.3	7.3	0.0
-15°	14.6	7.3	7.3	0.0
-17.5°	14.6	7.3	7.3	0.0
-20°	14.6	7.3	7.3	0.0

REPORT NUMBER: P723654

CATALOG NUMBER: IFLD-L-SA7B-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	14.6	7.3	7.3	0.0
-25°	14.6	7.3	7.3	0.0
-27.5°	14.6	7.3	7.3	0.0
-30°	14.6	7.3	7.3	0.0
-32.5°	14.6	7.3	7.3	0.0
-35°	14.6	7.3	7.3	0.0
-37.5°	14.6	7.3	7.3	0.0
-40°	14.6	7.3	7.3	0.0
-42.5°	10.9	7.3	3.6	0.0
-45°	14.6	7.3	3.6	0.0
-47.5°	14.6	7.3	3.6	0.0
-50°	14.6	7.3	3.6	0.0
-52.5°	14.6	7.3	3.6	0.0
-55°	14.6	7.3	3.6	0.0
-57.5°	14.6	7.3	3.6	0.0
-60°	14.6	7.3	3.6	0.0
-62.5°	14.6	7.3	3.6	0.0
-65°	14.6	7.3	3.6	0.0
-67.5°	14.6	7.3	3.6	0.0
-70°	14.6	3.6	3.6	0.0
-72.5°	10.9	3.6	3.6	0.0
-75°	10.9	3.6	3.6	0.0
-77.5°	7.3	3.6	0.0	0.0
-80°	7.3	3.6	0.0	0.0
-82.5°	7.3	3.6	0.0	0.0
-85°	3.6	0.0	0.0	0.0
-87.5°	3.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)