

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: P723655

Luminaire Tested: **IFLD-L-SA7C-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723655
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-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:	19626.5 lumens	Max Intensity:	461742.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	53.2 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:	7117.4 lumens	Field Lumens:	11346.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

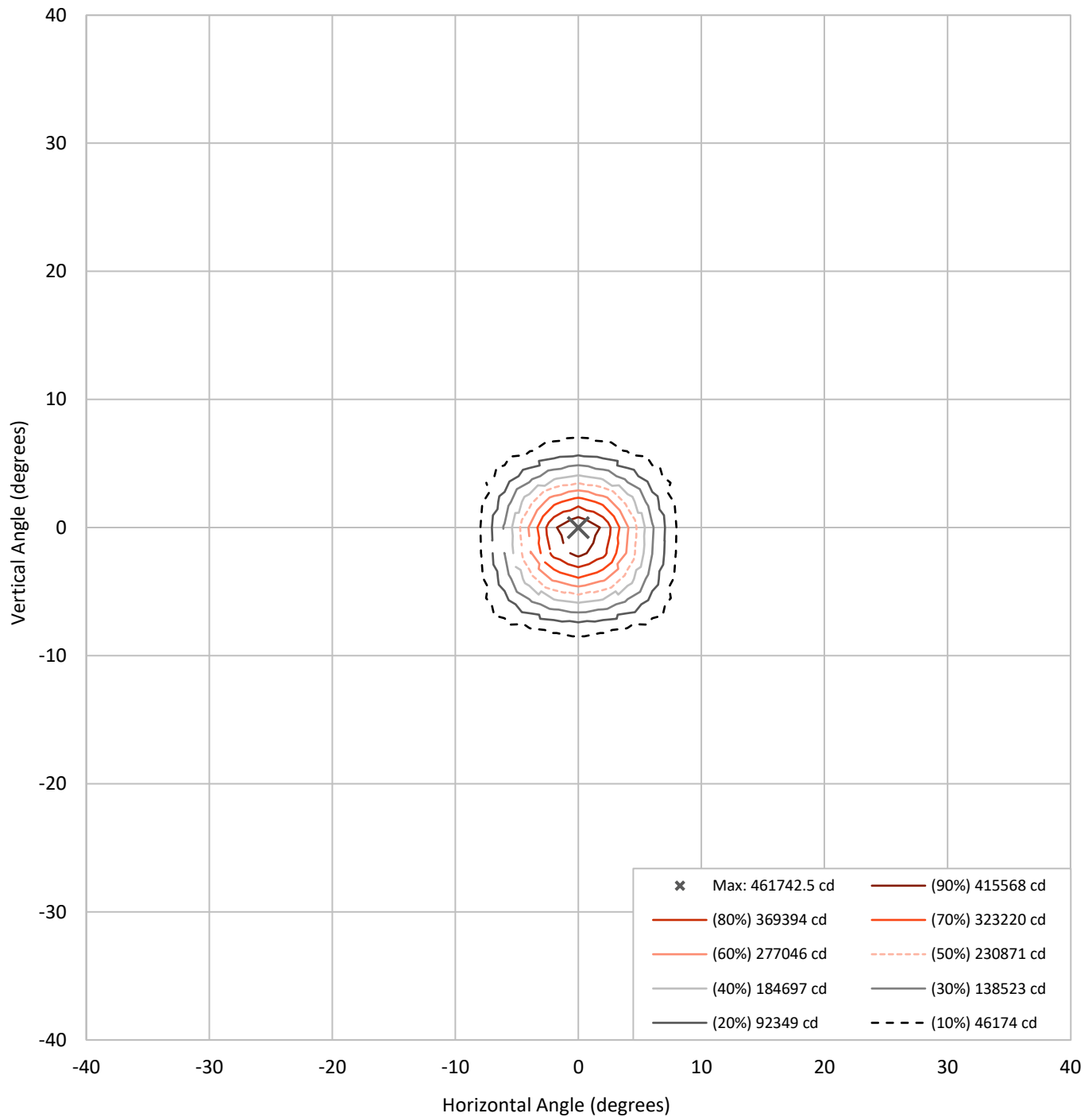
Input Watts (W): 369
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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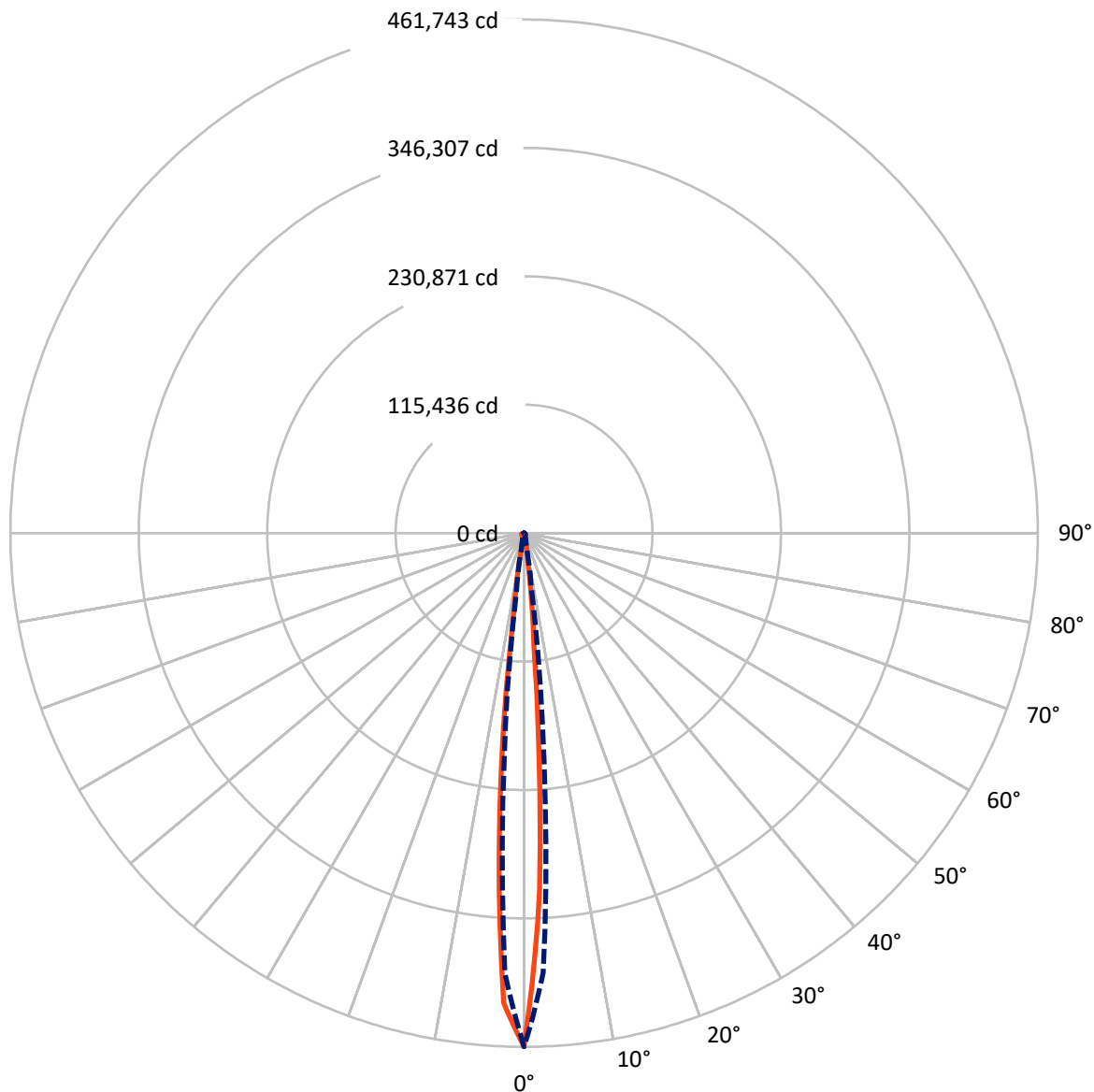
Lumen Table

90																			
80	0.3	4.4		4.7		1.8		0.5		1.8		4.7		4.4		0.3			
70																			
60	0.5	1.0	1.3	1.0	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	1.0	1.3	1.0	0.5			
50		0.6	0.9	2.3	5.1	8.3	10.6	12.2	12.2	10.6	8.3	5.1	2.3	0.9	0.6				
40	0.5	0.7	2.7	8.9	17.6	25.7	31.0	34.3	34.3	31.0	25.7	17.6	8.9	2.7	0.7	0.5			
30		1.3	6.8	18.4	29.9	35.1	37.9	39.2	39.2	37.9	35.1	29.9	18.4	6.8	1.3				
20	0.8	2.5	11.6	26.7	34.6	35.6	42.0	50.6	50.6	42.0	35.6	34.6	26.7	11.6	2.5	0.8			
10		4.0	16.3	32.8	36.9	41.6	73.1	124.6	124.6	73.1	41.6	36.9	32.8	16.3	4.0				
0	1.3	5.2	20.0	36.1	38.2	51.3	139.0	2576.5	2576.5	139.0	51.3	38.2	36.1	20.0	5.2	1.3			
-10		6.1	21.9	37.9	39.6	53.1	149.8	3756.7	3756.7	149.8	53.1	39.6	37.9	21.9	6.1				
-20	1.9	6.5	22.5	39.9	42.9	47.9	87.1	167.1	167.1	87.1	47.9	42.9	39.9	22.5	6.5	1.9			
-30		6.1	21.4	40.4	48.2	48.2	56.4	68.8	68.8	56.4	48.2	48.2	40.4	21.4	6.1				
-40	2.1	5.4	18.9	38.6	53.0	57.7	60.1	60.6	60.6	60.1	57.7	53.0	38.6	18.9	5.4	2.1			
-50		4.8	15.2	32.8	51.1	62.1	69.6	73.0	73.0	69.6	62.1	51.1	32.8	15.2	4.8				
-60	1.6	4.3	11.7	25.4	43.6	58.5	68.0	71.9	71.9	68.0	58.5	43.6	25.4	11.7	4.3	1.6			
-70		4.0	10.3	20.7	36.4	51.2	61.9	66.9	66.9	61.9	51.2	36.4	20.7	10.3	4.0				
-80	0.8	12.1		36.2		67.0		73.9		67.0		36.2		12.1		0.8			
-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



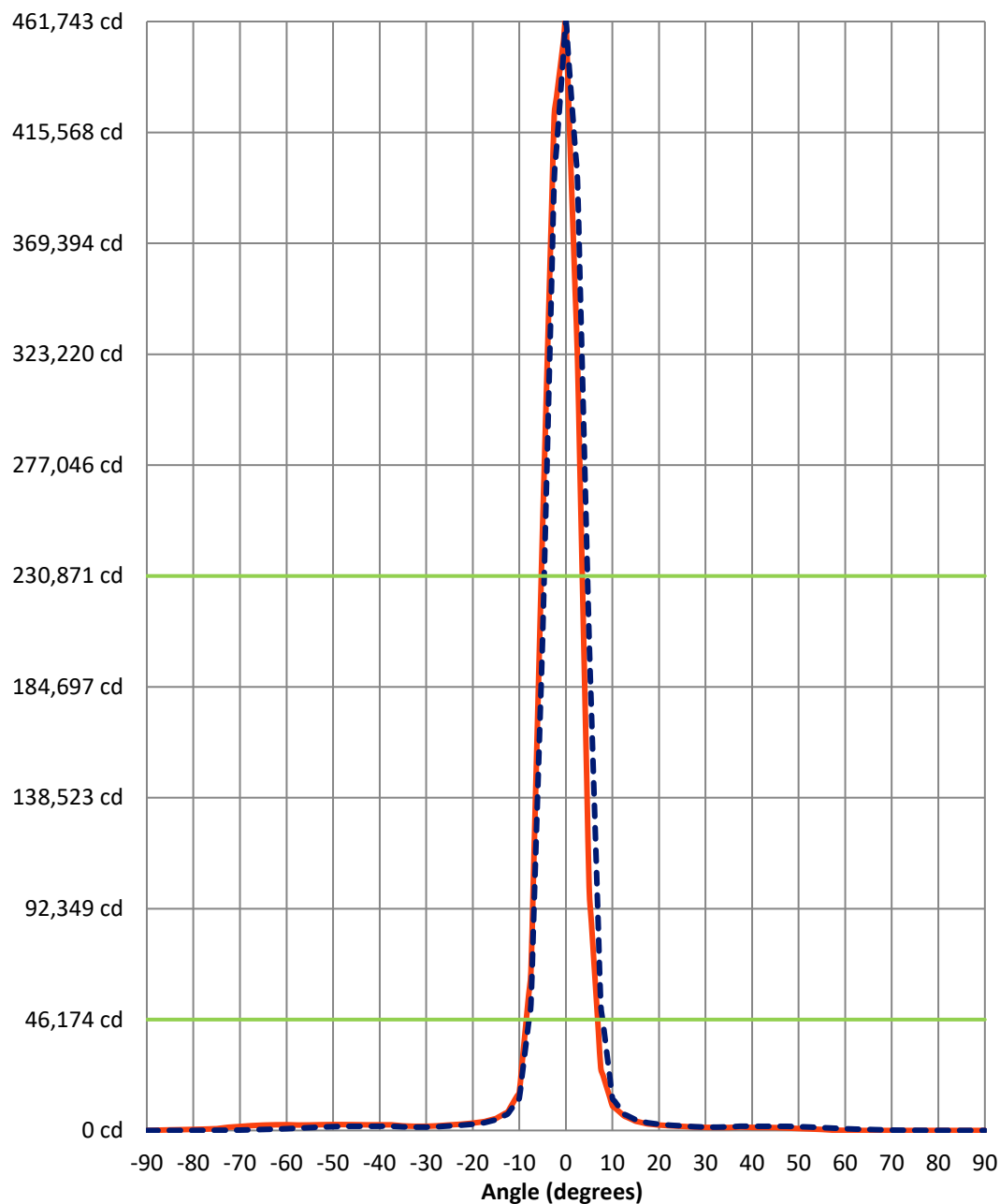
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7117.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11346.5

Efficiency: 57.8%

Spill:

Lumens: 8280

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	22.7	22.7	27.2
82.5°	0.0	4.5	4.5	9.1	9.1	13.6	13.6	22.7	27.2	31.7	40.8
80°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.1	22.7	31.7	36.2
77.5°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	13.6	18.1	22.7	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	22.7	22.7	22.7	22.7
60°	45.3	49.8	54.4	54.4	49.8	49.8	54.4	54.4	54.4	54.4	54.4
57.5°	122.3	131.4	135.9	135.9	135.9	131.4	149.5	154.0	135.9	126.9	140.5
55°	425.9	439.5	430.4	416.8	389.6	357.9	348.9	344.3	348.9	326.2	290.0
52.5°	620.7	634.3	629.8	620.7	602.6	579.9	561.8	543.7	525.6	489.3	448.5
50°	806.5	811.0	806.5	797.4	779.3	756.6	720.4	679.6	643.4	634.3	598.1
47.5°	1014.9	1028.5	1028.5	1023.9	1010.3	969.6	915.2	856.3	829.1	820.1	783.8
45°	1200.6	1209.7	1214.2	1218.8	1214.2	1173.5	1123.6	1091.9	1033.0	1014.9	1014.9
42.5°	1250.5	1255.0	1259.5	1264.1	1277.7	1245.9	1205.2	1150.8	1137.2	1132.7	1123.6
40°	1268.6	1259.5	1264.1	1268.6	1273.1	1250.5	1218.8	1187.0	1178.0	1168.9	1168.9
37.5°	1440.8	1400.0	1368.3	1341.1	1318.4	1295.8	1264.1	1236.9	1214.2	1196.1	1214.2
35°	1227.8	1227.8	1259.5	1286.7	1313.9	1341.1	1345.6	1313.9	1264.1	1241.4	1273.1
32.5°	1255.0	1255.0	1255.0	1264.1	1273.1	1295.8	1318.4	1332.0	1368.3	1327.5	1327.5
30°	1282.2	1286.7	1295.8	1300.3	1286.7	1277.7	1268.6	1268.6	1291.3	1350.2	1381.9
27.5°	1440.8	1440.8	1427.2	1409.1	1368.3	1304.8	1273.1	1227.8	1232.4	1259.5	1336.6
25°	1699.0	1690.0	1658.2	1612.9	1540.4	1449.8	1363.7	1268.6	1227.8	1214.2	1245.9
22.5°	1943.7	1930.1	1889.3	1848.5	1789.6	1699.0	1554.0	1409.1	1282.2	1227.8	1214.2
20°	2256.3	2224.6	2179.3	2115.8	2020.7	1930.1	1803.2	1612.9	1427.2	1286.7	1232.4
17.5°	2759.2	2718.4	2632.3	2519.1	2356.0	2215.5	2034.3	1853.1	1644.6	1418.1	1295.8
15°	3860.2	3756.0	3606.4	3293.8	2972.1	2704.8	2433.0	2129.4	1916.5	1617.5	1431.7
12.5°	6071.1	5785.7	5350.8	4621.3	3900.9	3280.2	2840.8	2451.1	2106.8	1830.4	1567.6
10°	10275.6	9664.0	8463.4	6469.9	5142.4	4000.6	3212.3	2691.2	2256.3	1970.9	1680.9
7.5°	25988.1	21199.2	15001.2	10243.9	6728.1	4888.6	3674.4	2917.8	2414.9	2061.5	1771.5
5°	101288.5	83437.5	44509.7	18575.9	10121.6	5912.6	4091.2	3099.0	2519.1	2129.4	1839.5
2.5°	321458.2	277601.0	145644.1	39988.0	12427.7	6660.1	4376.7	3212.3	2578.0	2179.3	1889.3
0°	461742.5	395730.1	204402.9	52592.5	13478.9	6850.4	4467.3	3234.9	2587.0	2188.3	1889.3
-2.5°	422416.0	369696.7	197452.8	48940.7	13773.4	6904.8	4539.8	3311.9	2655.0	2229.1	1902.9
-5°	250996.7	220160.7	137738.0	34895.5	12237.4	6411.0	4349.5	3244.0	2609.7	2206.5	1893.8
-7.5°	66130.2	57250.0	37659.2	18208.9	7919.7	5423.3	3996.1	3130.7	2550.8	2165.7	1857.6
-10°	15943.6	15109.9	13497.0	8273.1	6166.3	4530.7	3543.0	2926.8	2433.0	2111.3	1798.7
-12.5°	7688.6	7507.4	6814.2	5618.1	4576.0	3765.0	3207.7	2713.9	2324.3	2016.2	1717.1
-15°	5001.9	4897.7	4662.1	4204.5	3674.4	3284.8	2895.1	2496.4	2188.3	1875.7	1649.2
-17.5°	3701.6	3697.1	3579.3	3407.1	3144.3	2854.3	2568.9	2315.2	2016.2	1748.9	1576.7
-20°	3067.3	3067.3	2999.3	2886.1	2700.3	2510.0	2319.7	2084.1	1839.5	1640.1	1567.6

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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°	2605.2	2609.7	2573.4	2501.0	2401.3	2242.7	2056.9	1866.7	1690.0	1617.5	1594.8
-25°	2306.1	2297.1	2256.3	2188.3	2084.1	1957.3	1834.9	1708.1	1658.2	1640.1	1671.8
-27.5°	1952.7	1966.3	1948.2	1916.5	1848.5	1757.9	1730.7	1694.5	1703.5	1730.7	1853.1
-30°	1744.3	1757.9	1776.0	1789.6	1767.0	1744.3	1753.4	1780.6	1839.5	1943.7	1989.0
-32.5°	1744.3	1748.9	1776.0	1803.2	1816.8	1834.9	1884.8	1975.4	2061.5	2034.3	2025.2
-35°	1902.9	1889.3	1925.6	1961.8	2011.6	2075.1	2129.4	2111.3	2079.6	2070.5	2079.6
-37.5°	2356.0	2269.9	2233.6	2211.0	2197.4	2188.3	2174.7	2161.1	2147.6	2138.5	2152.1
-40°	2351.4	2328.8	2306.1	2288.0	2274.4	2256.3	2247.2	2242.7	2229.1	2220.0	2211.0
-42.5°	2342.4	2351.4	2351.4	2346.9	2351.4	2346.9	2333.3	2315.2	2292.5	2274.4	2256.3
-45°	2410.3	2414.9	2423.9	2433.0	2446.6	2428.5	2401.3	2369.6	2337.8	2310.7	2288.0
-47.5°	2451.1	2455.6	2464.7	2478.3	2487.4	2469.2	2433.0	2392.2	2342.4	2297.1	2251.8
-50°	2464.7	2478.3	2482.8	2482.8	2478.3	2455.6	2401.3	2342.4	2288.0	2242.7	2201.9
-52.5°	2401.3	2414.9	2419.4	2410.3	2405.8	2383.2	2333.3	2278.9	2220.0	2188.3	2152.1
-55°	2297.1	2315.2	2328.8	2328.8	2328.8	2324.3	2278.9	2229.1	2183.8	2147.6	2111.3
-57.5°	2256.3	2288.0	2315.2	2319.7	2324.3	2328.8	2297.1	2247.2	2192.9	2138.5	2093.2
-60°	2405.8	2433.0	2446.6	2428.5	2414.9	2401.3	2351.4	2292.5	2238.2	2183.8	2097.7
-62.5°	2365.0	2410.3	2433.0	2419.4	2401.3	2378.6	2324.3	2256.3	2192.9	2134.0	2047.9
-65°	2233.6	2274.4	2301.6	2278.9	2251.8	2220.0	2170.2	2106.8	2047.9	1989.0	1912.0
-67.5°	2011.6	2070.5	2115.8	2066.0	2029.8	1989.0	1948.2	1893.8	1834.9	1767.0	1694.5
-70°	1662.8	1708.1	1748.9	1735.3	1726.2	1717.1	1690.0	1635.6	1585.7	1531.4	1467.9
-72.5°	1336.6	1377.3	1413.6	1390.9	1372.8	1345.6	1304.8	1245.9	1187.0	1128.1	1069.2
-75°	738.5	752.1	765.7	761.2	761.2	761.2	761.2	765.7	756.6	743.0	715.9
-77.5°	566.3	584.5	598.1	607.1	620.7	638.8	652.4	629.8	607.1	584.5	557.3
-80°	444.0	462.1	475.7	525.6	561.8	602.6	629.8	598.1	566.3	539.2	516.5
-82.5°	335.3	348.9	362.5	389.6	407.8	430.4	448.5	448.5	444.0	439.5	425.9
-85°	244.7	262.8	280.9	290.0	303.6	303.6	308.1	290.0	271.8	258.3	240.1
-87.5°	140.5	145.0	145.0	145.0	149.5	149.5	149.5	140.5	135.9	126.9	122.3
-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°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.1	18.1	22.7	22.7
85°	27.2	27.2	27.2	31.7	31.7	36.2	40.8	45.3	49.8	49.8	54.4
82.5°	45.3	49.8	54.4	58.9	63.4	68.0	72.5	77.0	90.6	99.7	104.2
80°	45.3	49.8	63.4	72.5	81.6	90.6	90.6	90.6	90.6	95.1	104.2
77.5°	31.7	36.2	40.8	49.8	72.5	90.6	104.2	113.3	104.2	99.7	90.6
75°	18.1	22.7	27.2	31.7	45.3	63.4	86.1	108.7	126.9	122.3	113.3
72.5°	18.1	18.1	22.7	27.2	31.7	36.2	40.8	63.4	90.6	113.3	126.9
70°	18.1	22.7	22.7	27.2	31.7	36.2	40.8	49.8	63.4	90.6	117.8
67.5°	18.1	22.7	22.7	31.7	40.8	45.3	49.8	45.3	40.8	58.9	86.1
65°	18.1	18.1	22.7	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	40.8	40.8	40.8	40.8
60°	54.4	49.8	49.8	49.8	49.8	40.8	40.8	40.8	36.2	40.8	36.2
57.5°	131.4	108.7	99.7	99.7	86.1	81.6	68.0	49.8	49.8	40.8	40.8
55°	267.3	253.7	212.9	176.7	158.6	140.5	108.7	90.6	68.0	54.4	49.8
52.5°	412.3	376.0	339.8	294.5	249.2	212.9	181.2	140.5	113.3	81.6	63.4
50°	539.2	507.4	466.7	416.8	357.9	312.6	267.3	212.9	167.6	126.9	90.6
47.5°	734.0	670.5	620.7	561.8	493.8	430.4	371.5	308.1	235.6	185.8	140.5
45°	942.4	851.8	783.8	729.4	638.8	552.7	484.8	416.8	330.7	244.7	190.3
42.5°	1087.4	1019.4	928.8	856.3	774.8	684.1	593.5	521.0	430.4	330.7	244.7
40°	1164.4	1119.1	1046.6	983.2	897.1	797.4	702.3	629.8	534.6	425.9	308.1
37.5°	1223.3	1200.6	1164.4	1114.6	1033.0	915.2	820.1	734.0	652.4	525.6	398.7
35°	1291.3	1286.7	1264.1	1241.4	1173.5	1060.2	946.9	847.2	747.6	629.8	489.3
32.5°	1354.7	1350.2	1336.6	1327.5	1300.3	1200.6	1078.3	965.0	851.8	729.4	575.4
30°	1386.4	1377.3	1377.3	1386.4	1359.2	1295.8	1205.2	1082.8	956.0	811.0	666.0
27.5°	1386.4	1377.3	1381.9	1395.5	1390.9	1359.2	1291.3	1191.6	1051.1	888.0	747.6
25°	1327.5	1372.8	1372.8	1390.9	1395.5	1386.4	1350.2	1286.7	1141.7	969.6	811.0
22.5°	1245.9	1354.7	1395.5	1390.9	1395.5	1418.1	1422.6	1363.7	1227.8	1051.1	874.4
20°	1245.9	1323.0	1440.8	1409.1	1418.1	1467.9	1490.6	1440.8	1318.4	1128.1	937.9
17.5°	1273.1	1323.0	1422.6	1472.5	1486.1	1526.8	1563.1	1531.4	1400.0	1209.7	1023.9
15°	1350.2	1341.1	1409.1	1531.4	1554.0	1585.7	1626.5	1590.3	1472.5	1300.3	1105.5
12.5°	1404.5	1354.7	1409.1	1540.4	1612.9	1644.6	1658.2	1631.1	1535.9	1381.9	1187.0
10°	1477.0	1390.9	1418.1	1531.4	1635.6	1658.2	1671.8	1662.8	1594.8	1449.8	1259.5
7.5°	1531.4	1409.1	1409.1	1517.8	1658.2	1676.4	1685.4	1694.5	1644.6	1508.7	1323.0
5°	1554.0	1409.1	1400.0	1504.2	1680.9	1699.0	1699.0	1712.6	1680.9	1554.0	1368.3
2.5°	1558.6	1404.5	1390.9	1495.1	1721.7	1721.7	1712.6	1726.2	1708.1	1581.2	1400.0
0°	1581.2	1400.0	1386.4	1508.7	1767.0	1748.9	1726.2	1730.7	1721.7	1594.8	1418.1
-2.5°	1581.2	1422.6	1404.5	1517.8	1762.4	1757.9	1748.9	1753.4	1744.3	1635.6	1454.4
-5°	1603.9	1454.4	1436.2	1558.6	1757.9	1771.5	1776.0	1776.0	1762.4	1662.8	1477.0
-7.5°	1608.4	1477.0	1472.5	1599.3	1767.0	1789.6	1803.2	1812.3	1785.1	1680.9	1495.1
-10°	1585.7	1486.1	1508.7	1649.2	1776.0	1807.8	1834.9	1848.5	1803.2	1690.0	1504.2
-12.5°	1535.9	1486.1	1545.0	1712.6	1798.7	1834.9	1875.7	1880.2	1821.3	1694.5	1508.7
-15°	1531.4	1522.3	1608.4	1776.0	1812.3	1857.6	1921.0	1907.4	1834.9	1694.5	1508.7
-17.5°	1526.8	1572.2	1703.5	1798.7	1834.9	1884.8	1934.6	1921.0	1844.0	1694.5	1499.7
-20°	1567.6	1653.7	1816.8	1821.3	1862.1	1916.5	1943.7	1916.5	1830.4	1680.9	1486.1



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CATALOG NUMBER: IFLD-L-SA7C-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°	1635.6	1798.7	1853.1	1871.2	1907.4	1948.2	1961.8	1921.0	1816.8	1658.2	1463.4
-25°	1807.8	1889.3	1889.3	1930.1	1966.3	1984.4	1970.9	1925.6	1798.7	1635.6	1440.8
-27.5°	1939.1	1934.6	1957.3	1998.0	2029.8	2029.8	1993.5	1902.9	1771.5	1612.9	1409.1
-30°	1989.0	1993.5	2025.2	2070.5	2079.6	2056.9	2002.6	1884.8	1748.9	1576.7	1368.3
-32.5°	2038.8	2056.9	2097.7	2120.4	2124.9	2079.6	1979.9	1853.1	1712.6	1535.9	1323.0
-35°	2097.7	2134.0	2156.6	2161.1	2138.5	2061.5	1948.2	1812.3	1658.2	1477.0	1282.2
-37.5°	2174.7	2192.9	2206.5	2188.3	2124.9	2034.3	1893.8	1757.9	1608.4	1413.6	1223.3
-40°	2224.6	2233.6	2238.2	2179.3	2102.2	1970.9	1834.9	1694.5	1522.3	1341.1	1159.9
-42.5°	2256.3	2247.2	2211.0	2147.6	2034.3	1907.4	1776.0	1617.5	1445.3	1268.6	1091.9
-45°	2247.2	2215.5	2161.1	2084.1	1966.3	1839.5	1685.4	1526.8	1363.7	1191.6	1014.9
-47.5°	2211.0	2161.1	2093.2	2002.6	1893.8	1739.8	1585.7	1431.7	1273.1	1105.5	942.4
-50°	2165.7	2106.8	2025.2	1912.0	1767.0	1626.5	1486.1	1336.6	1173.5	1019.4	874.4
-52.5°	2115.8	2052.4	1948.2	1821.3	1662.8	1517.8	1381.9	1236.9	1087.4	942.4	815.5
-55°	2061.5	1998.0	1880.2	1735.3	1576.7	1418.1	1286.7	1164.4	1019.4	879.0	765.7
-57.5°	2034.3	1952.7	1830.4	1685.4	1517.8	1354.7	1241.4	1110.0	978.6	833.7	724.9
-60°	2011.6	1930.1	1816.8	1649.2	1490.6	1336.6	1205.2	1078.3	937.9	801.9	693.2
-62.5°	1948.2	1862.1	1757.9	1594.8	1440.8	1300.3	1182.5	1033.0	897.1	770.2	670.5
-65°	1821.3	1730.7	1640.1	1495.1	1354.7	1223.3	1105.5	969.6	842.7	734.0	647.9
-67.5°	1622.0	1545.0	1463.4	1341.1	1223.3	1105.5	996.8	879.0	774.8	697.7	652.4
-70°	1400.0	1318.4	1236.9	1137.2	1037.5	942.4	856.3	770.2	702.3	661.5	625.2
-72.5°	1019.4	983.2	942.4	865.4	783.8	724.9	684.1	647.9	598.1	561.8	539.2
-75°	679.6	629.8	566.3	539.2	543.7	534.6	512.0	484.8	462.1	448.5	416.8
-77.5°	530.1	502.9	471.2	439.5	425.9	412.3	394.2	371.5	353.4	321.7	276.4
-80°	489.3	466.7	444.0	421.4	398.7	367.0	330.7	294.5	276.4	262.8	258.3
-82.5°	403.2	376.0	348.9	326.2	294.5	271.8	249.2	231.1	231.1	226.5	222.0
-85°	231.1	222.0	208.4	199.4	190.3	176.7	163.1	154.0	149.5	145.0	140.5
-87.5°	117.8	113.3	104.2	99.7	95.1	90.6	81.6	77.0	72.5	72.5	68.0
-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-L-SA7C-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°	22.7	22.7	18.1	18.1	18.1	13.6	9.1	9.1	4.5	4.5	0.0
85°	54.4	45.3	40.8	36.2	36.2	27.2	18.1	13.6	9.1	4.5	4.5
82.5°	104.2	90.6	77.0	68.0	54.4	40.8	31.7	22.7	13.6	9.1	4.5
80°	117.8	117.8	113.3	95.1	77.0	58.9	40.8	27.2	18.1	13.6	9.1
77.5°	90.6	99.7	99.7	99.7	95.1	72.5	49.8	31.7	18.1	13.6	9.1
75°	104.2	90.6	86.1	90.6	86.1	72.5	58.9	36.2	22.7	18.1	9.1
72.5°	126.9	108.7	95.1	90.6	81.6	68.0	54.4	40.8	22.7	18.1	13.6
70°	117.8	113.3	104.2	95.1	81.6	68.0	54.4	40.8	27.2	18.1	13.6
67.5°	104.2	104.2	104.2	95.1	81.6	63.4	49.8	36.2	27.2	18.1	13.6
65°	72.5	86.1	95.1	90.6	81.6	63.4	49.8	36.2	27.2	22.7	13.6
62.5°	45.3	58.9	77.0	86.1	77.0	63.4	45.3	36.2	27.2	22.7	13.6
60°	40.8	45.3	54.4	68.0	72.5	58.9	45.3	31.7	27.2	22.7	13.6
57.5°	40.8	40.8	45.3	54.4	58.9	54.4	40.8	27.2	27.2	22.7	18.1
55°	45.3	40.8	40.8	45.3	49.8	49.8	40.8	27.2	27.2	22.7	18.1
52.5°	54.4	45.3	40.8	40.8	40.8	45.3	36.2	27.2	27.2	22.7	18.1
50°	68.0	54.4	49.8	40.8	40.8	40.8	36.2	27.2	22.7	22.7	18.1
47.5°	90.6	72.5	54.4	49.8	40.8	36.2	31.7	27.2	22.7	22.7	18.1
45°	135.9	86.1	72.5	54.4	45.3	40.8	36.2	27.2	22.7	22.7	18.1
42.5°	185.8	126.9	90.6	63.4	49.8	40.8	36.2	31.7	22.7	22.7	18.1
40°	235.6	172.2	113.3	81.6	58.9	45.3	36.2	31.7	27.2	22.7	18.1
37.5°	290.0	212.9	149.5	104.2	68.0	49.8	40.8	31.7	27.2	22.7	18.1
35°	357.9	267.3	185.8	126.9	81.6	58.9	45.3	31.7	27.2	22.7	18.1
32.5°	434.9	317.1	222.0	154.0	104.2	72.5	49.8	36.2	27.2	22.7	18.1
30°	507.4	376.0	262.8	185.8	126.9	81.6	54.4	36.2	27.2	22.7	13.6
27.5°	579.9	434.9	312.6	217.5	154.0	95.1	58.9	40.8	27.2	22.7	18.1
25°	652.4	493.8	362.5	249.2	176.7	113.3	72.5	45.3	27.2	22.7	18.1
22.5°	715.9	552.7	407.8	285.4	203.9	131.4	81.6	49.8	31.7	22.7	18.1
20°	788.3	616.2	457.6	326.2	226.5	149.5	90.6	54.4	31.7	22.7	18.1
17.5°	856.3	679.6	507.4	362.5	253.7	167.6	104.2	58.9	36.2	22.7	18.1
15°	924.3	738.5	552.7	398.7	280.9	185.8	113.3	63.4	40.8	22.7	18.1
12.5°	987.7	792.9	593.5	430.4	303.6	203.9	122.3	68.0	45.3	22.7	18.1
10°	1046.6	842.7	634.3	457.6	326.2	217.5	131.4	77.0	49.8	22.7	18.1
7.5°	1105.5	883.5	666.0	484.8	353.4	235.6	140.5	81.6	54.4	27.2	18.1
5°	1141.7	919.7	693.2	507.4	376.0	253.7	149.5	86.1	58.9	27.2	18.1
2.5°	1173.5	946.9	711.3	530.1	398.7	267.3	149.5	90.6	63.4	27.2	18.1
0°	1191.6	965.0	724.9	543.7	416.8	276.4	154.0	95.1	68.0	27.2	18.1
-2.5°	1232.4	996.8	756.6	561.8	434.9	303.6	163.1	99.7	72.5	31.7	18.1
-5°	1259.5	1014.9	779.3	579.9	448.5	330.7	176.7	108.7	81.6	40.8	22.7
-7.5°	1282.2	1033.0	797.4	589.0	462.1	339.8	181.2	113.3	86.1	45.3	22.7
-10°	1286.7	1042.1	811.0	602.6	471.2	353.4	185.8	117.8	90.6	49.8	22.7
-12.5°	1291.3	1051.1	815.5	611.6	480.3	362.5	190.3	122.3	95.1	54.4	22.7
-15°	1286.7	1046.6	815.5	620.7	484.8	353.4	199.4	126.9	99.7	58.9	22.7
-17.5°	1277.7	1042.1	811.0	616.2	480.3	344.3	203.9	135.9	99.7	63.4	27.2
-20°	1264.1	1028.5	801.9	611.6	475.7	335.3	208.4	140.5	104.2	63.4	27.2

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CATALOG NUMBER: IFLD-L-SA7C-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°	1241.4	1005.8	783.8	598.1	466.7	326.2	208.4	149.5	108.7	63.4	27.2
-25°	1214.2	983.2	765.7	579.9	453.1	312.6	208.4	154.0	113.3	63.4	27.2
-27.5°	1182.5	960.5	738.5	566.3	434.9	303.6	208.4	158.6	117.8	63.4	27.2
-30°	1146.3	928.8	715.9	543.7	421.4	303.6	212.9	163.1	122.3	63.4	27.2
-32.5°	1110.0	897.1	688.7	525.6	403.2	299.0	212.9	167.6	126.9	58.9	31.7
-35°	1069.2	860.8	666.0	512.0	389.6	290.0	217.5	167.6	122.3	58.9	31.7
-37.5°	1019.4	815.5	643.4	498.4	380.6	280.9	217.5	172.2	117.8	58.9	31.7
-40°	965.0	779.3	616.2	480.3	367.0	276.4	217.5	172.2	113.3	58.9	36.2
-42.5°	906.1	738.5	589.0	462.1	353.4	271.8	217.5	172.2	108.7	58.9	36.2
-45°	851.8	697.7	557.3	439.5	339.8	271.8	217.5	167.6	99.7	63.4	36.2
-47.5°	792.9	652.4	521.0	416.8	335.3	267.3	212.9	158.6	90.6	63.4	36.2
-50°	743.0	607.1	493.8	394.2	326.2	271.8	217.5	145.0	90.6	63.4	36.2
-52.5°	693.2	575.4	462.1	385.1	317.1	276.4	212.9	135.9	90.6	63.4	36.2
-55°	652.4	543.7	444.0	371.5	326.2	285.4	203.9	122.3	90.6	63.4	36.2
-57.5°	620.7	525.6	430.4	376.0	339.8	276.4	190.3	117.8	90.6	58.9	36.2
-60°	598.1	507.4	434.9	394.2	344.3	262.8	181.2	117.8	90.6	58.9	31.7
-62.5°	579.9	512.0	457.6	407.8	326.2	244.7	172.2	117.8	81.6	54.4	31.7
-65°	584.5	530.1	466.7	389.6	312.6	226.5	158.6	113.3	77.0	49.8	31.7
-67.5°	598.1	516.5	439.5	367.0	280.9	203.9	145.0	104.2	72.5	49.8	31.7
-70°	552.7	475.7	398.7	312.6	240.1	176.7	135.9	95.1	63.4	45.3	31.7
-72.5°	498.4	398.7	317.1	253.7	203.9	163.1	122.3	86.1	58.9	40.8	27.2
-75°	362.5	290.0	235.6	212.9	181.2	145.0	108.7	77.0	54.4	40.8	27.2
-77.5°	258.3	240.1	217.5	194.8	163.1	126.9	95.1	72.5	49.8	36.2	22.7
-80°	253.7	231.1	203.9	167.6	135.9	108.7	81.6	63.4	45.3	31.7	18.1
-82.5°	212.9	181.2	154.0	126.9	104.2	86.1	68.0	49.8	36.2	22.7	13.6
-85°	131.4	113.3	99.7	86.1	72.5	58.9	45.3	31.7	22.7	13.6	9.1
-87.5°	63.4	58.9	49.8	40.8	36.2	27.2	22.7	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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CATALOG NUMBER: IFLD-L-SA7C-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°	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-L-SA7C-727-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)