

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: P723659

Luminaire Tested: **IFLD-L-SA8B-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723659
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18018.4 lumens	Max Intensity:	423910.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.3 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:	6534.2 lumens	Field Lumens:	10416.8 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

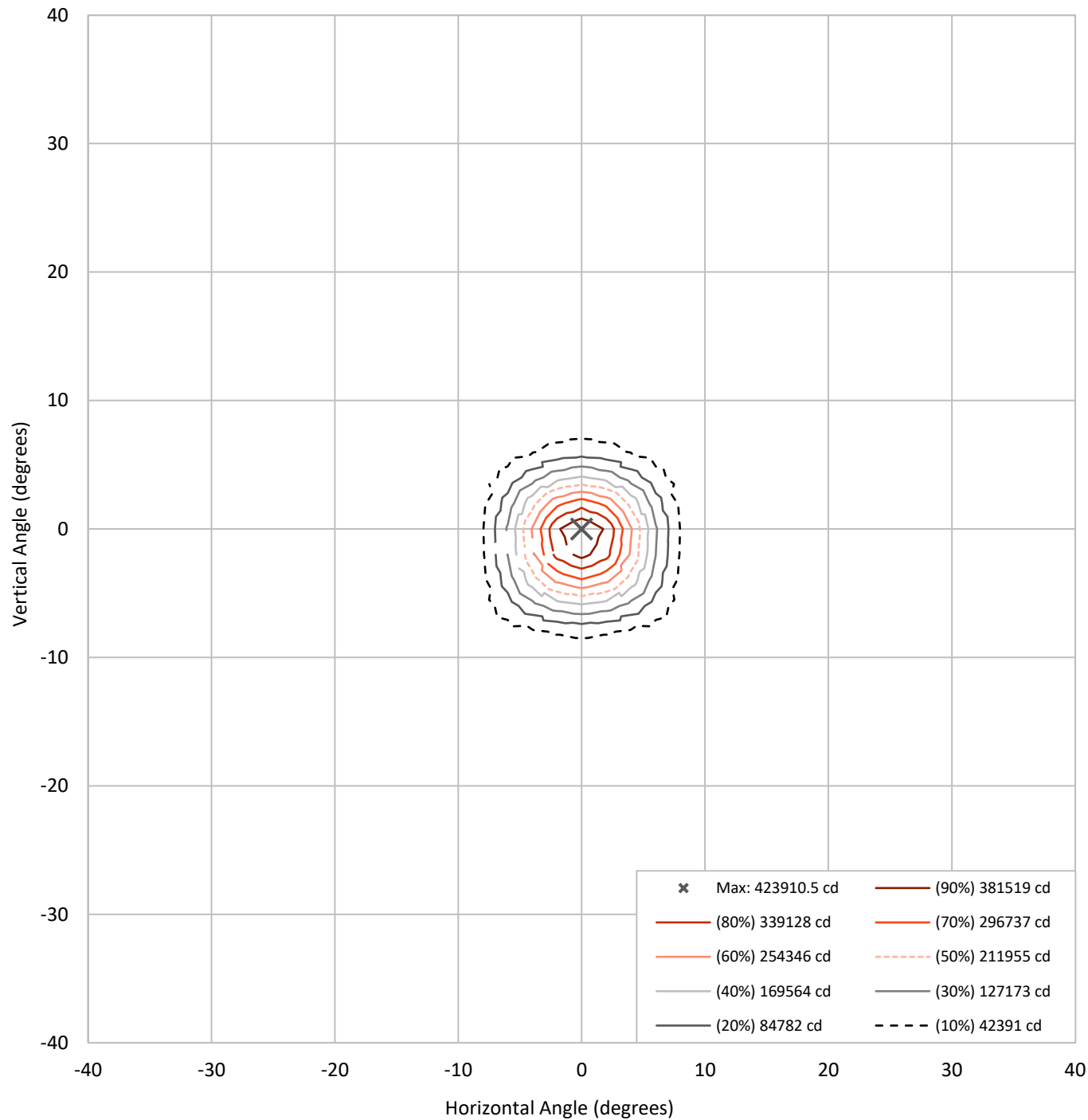
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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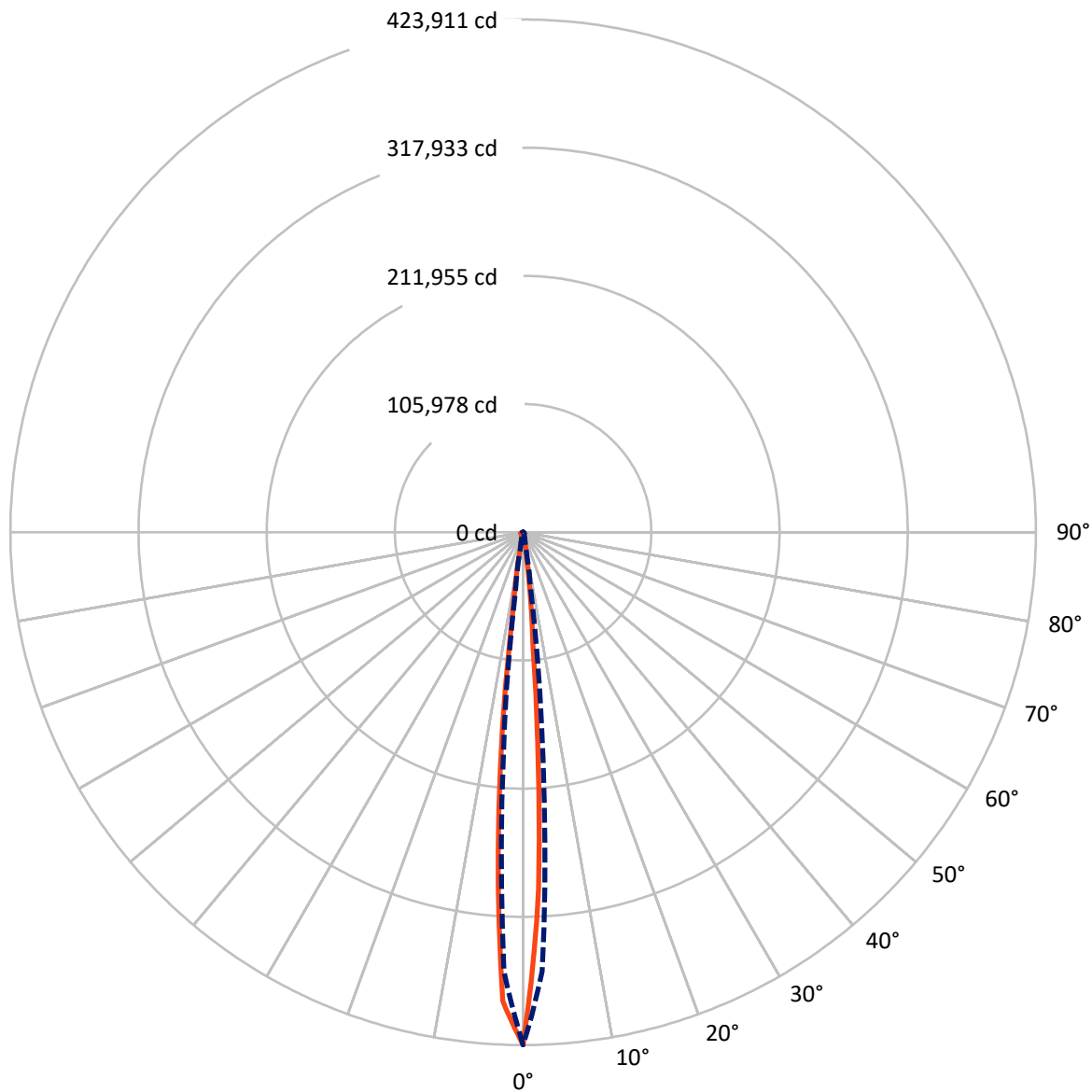
Lumen Table

Vertical Angle (degrees)																		
	-80		-60		-40		-20		0	20		40		60				
90	0.3		4.0		4.4		1.7		0.5		1.7		4.4		4.0			0.3
80	0.3		4.0		4.4		1.7		0.5		1.7		4.4		4.0			0.3
70	0.5	0.9	1.2	0.9	0.7	0.6	0.5	0.3	0.3	0.5	0.6	0.7	0.9	1.2	0.9	0.5		
60		0.6	0.8	2.1	4.6	7.6	9.8	11.2	11.2	9.8	7.6	4.6	2.1	0.8	0.6			
50	0.5	0.6	2.5	8.2	16.2	23.6	28.4	31.5	31.5	28.4	23.6	16.2	8.2	2.5	0.6	0.5		
40		1.2	6.2	16.9	27.4	32.2	34.8	36.0	36.0	34.8	32.2	27.4	16.9	6.2	1.2			
30	0.7	2.3	10.7	24.5	31.7	32.7	38.6	46.5	46.5	38.6	32.7	31.7	24.5	10.7	2.3	0.7		
20		3.7	15.0	30.1	33.9	38.2	67.1	114.4	114.4	67.1	38.2	33.9	30.1	15.0	3.7			
10	1.2	4.8	18.4	33.1	35.1	47.1	127.6	2365.4	2365.4	127.6	47.1	35.1	33.1	18.4	4.8	1.2		
0		5.6	20.1	34.8	36.4	48.7	137.5	3448.9	3448.9	137.5	48.7	36.4	34.8	20.1	5.6			
-10	1.7	6.0	20.6	36.6	39.4	44.0	79.9	153.4	153.4	79.9	44.0	39.4	36.6	20.6	6.0	1.7		
-20		5.6	19.6	37.1	44.2	44.3	51.8	63.2	63.2	51.8	44.3	44.2	37.1	19.6	5.6			
-30	1.9	5.0	17.3	35.5	48.6	53.0	55.2	55.6	55.6	55.2	53.0	48.6	35.5	17.3	5.0	1.9		
-40		4.4	14.0	30.1	46.9	57.0	63.9	67.0	67.0	63.9	57.0	46.9	30.1	14.0	4.4			
-50	1.5	4.0	10.8	23.3	40.0	53.7	62.4	66.0	66.0	62.4	53.7	40.0	23.3	10.8	4.0	1.5		
-60		3.7	9.5	19.0	33.4	47.0	56.8	61.4	61.4	56.8	47.0	33.4	19.0	9.5	3.7			
-70	0.7	11.2	33.2		61.5		67.9		61.5		33.2		11.2		0.7			
-80		11.2	33.2		61.5		67.9		61.5		33.2		11.2		0.7			
-90	0.7	11.2		33.2		61.5		67.9		61.5		33.2		11.2		0.7		

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Luminous Intensity Polar Plot



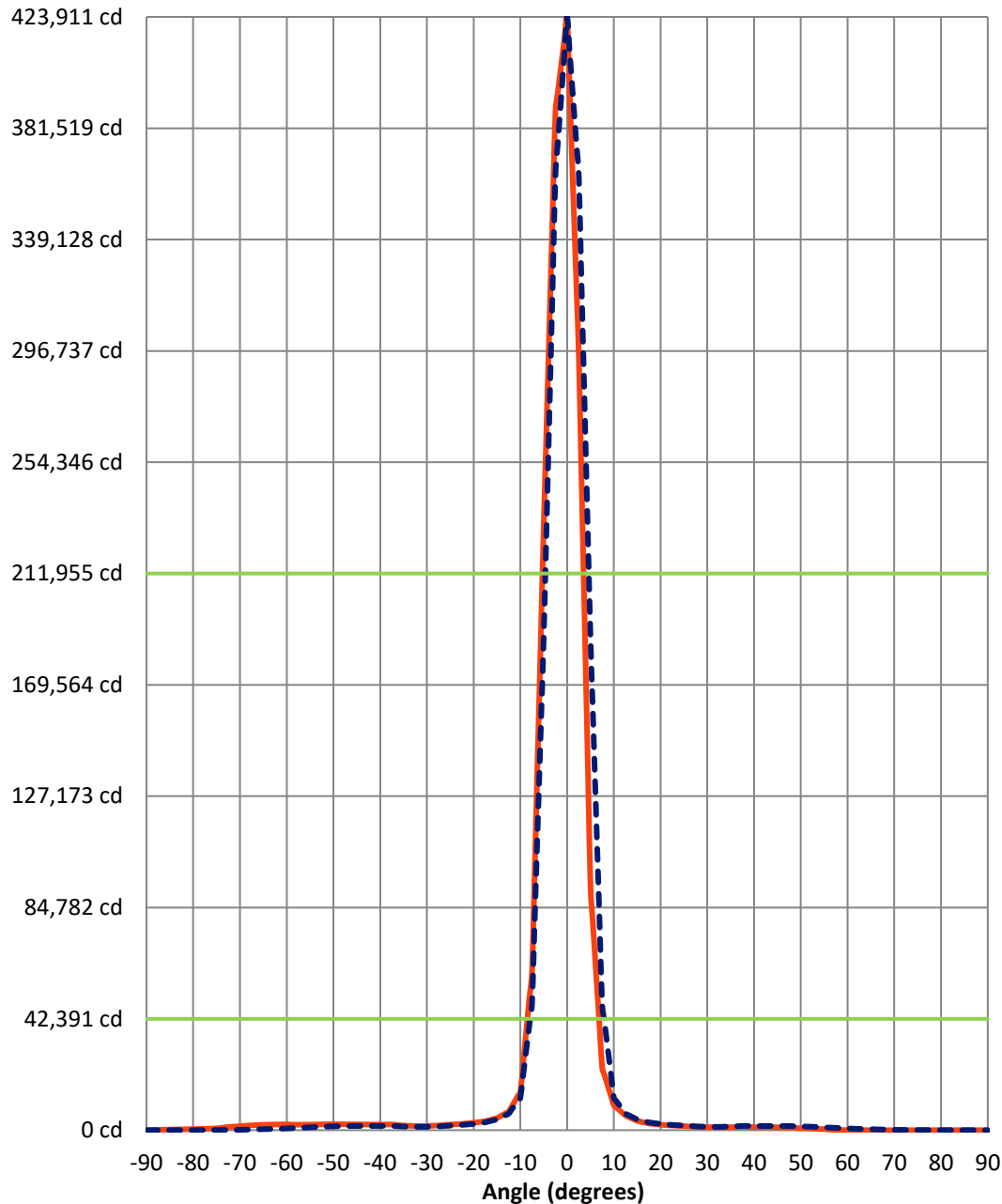
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 6534.2
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 10416.8
Efficiency: 57.8%

Spill:
Lumens: 7601.6
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	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	0.0	4.2	4.2	8.3	8.3	8.3	12.5	16.6	20.8	20.8	25.0
82.5°	0.0	4.2	4.2	8.3	8.3	12.5	12.5	20.8	25.0	29.1	37.4
80°	4.2	4.2	4.2	8.3	8.3	12.5	12.5	16.6	20.8	29.1	33.3
77.5°	0.0	4.2	4.2	4.2	8.3	8.3	8.3	12.5	16.6	20.8	25.0
75°	0.0	4.2	4.2	4.2	8.3	8.3	8.3	8.3	12.5	12.5	16.6
72.5°	0.0	0.0	0.0	4.2	4.2	8.3	8.3	8.3	12.5	12.5	12.5
70°	0.0	0.0	0.0	4.2	4.2	8.3	8.3	8.3	12.5	12.5	12.5
67.5°	0.0	0.0	0.0	4.2	4.2	8.3	8.3	8.3	12.5	12.5	12.5
65°	0.0	0.0	0.0	4.2	4.2	8.3	8.3	12.5	12.5	12.5	12.5
62.5°	4.2	4.2	4.2	8.3	12.5	12.5	16.6	20.8	20.8	20.8	20.8
60°	41.6	45.8	49.9	49.9	45.8	45.8	49.9	49.9	49.9	49.9	49.9
57.5°	112.3	120.6	124.8	124.8	124.8	120.6	137.3	141.4	124.8	116.5	128.9
55°	391.0	403.5	395.2	382.7	357.7	328.6	320.3	316.1	320.3	299.5	266.2
52.5°	569.9	582.3	578.2	569.9	553.2	532.4	515.8	499.1	482.5	449.2	411.8
50°	740.4	744.5	740.4	732.1	715.4	694.6	661.4	623.9	590.6	582.3	549.1
47.5°	931.7	944.2	944.2	940.0	927.6	890.1	840.2	786.1	761.2	752.9	719.6
45°	1102.3	1110.6	1114.7	1118.9	1114.7	1077.3	1031.6	1002.4	948.4	931.7	931.7
42.5°	1148.0	1152.2	1156.3	1160.5	1173.0	1143.9	1106.4	1056.5	1044.0	1039.9	1031.6
40°	1164.7	1156.3	1160.5	1164.7	1168.8	1148.0	1118.9	1089.8	1081.5	1073.1	1073.1
37.5°	1322.7	1285.3	1256.2	1231.2	1210.4	1189.6	1160.5	1135.5	1114.7	1098.1	1114.7
35°	1127.2	1127.2	1156.3	1181.3	1206.3	1231.2	1235.4	1206.3	1160.5	1139.7	1168.8
32.5°	1152.2	1152.2	1152.2	1160.5	1168.8	1189.6	1210.4	1222.9	1256.2	1218.7	1218.7
30°	1177.1	1181.3	1189.6	1193.8	1181.3	1173.0	1164.7	1164.7	1185.5	1239.5	1268.6
27.5°	1322.7	1322.7	1310.2	1293.6	1256.2	1197.9	1168.8	1127.2	1131.4	1156.3	1227.1
25°	1559.8	1551.5	1522.4	1480.8	1414.2	1331.0	1252.0	1164.7	1127.2	1114.7	1143.9
22.5°	1784.4	1771.9	1734.5	1697.1	1643.0	1559.8	1426.7	1293.6	1177.1	1127.2	1114.7
20°	2071.4	2042.3	2000.7	1942.5	1855.1	1771.9	1655.5	1480.8	1310.2	1181.3	1131.4
17.5°	2533.1	2495.7	2416.7	2312.7	2162.9	2034.0	1867.6	1701.2	1509.9	1301.9	1189.6
15°	3543.9	3448.2	3311.0	3024.0	2728.6	2483.2	2233.6	1955.0	1759.5	1484.9	1314.4
12.5°	5573.7	5311.7	4912.4	4242.7	3581.3	3011.5	2608.0	2250.3	1934.2	1680.4	1439.2
10°	9433.7	8872.2	7769.9	5939.8	4721.0	3672.8	2949.1	2470.7	2071.4	1809.4	1543.2
7.5°	23858.8	19462.3	13772.1	9404.6	6176.8	4488.1	3373.3	2678.7	2217.0	1892.6	1626.4
5°	92989.6	76601.2	40862.8	17053.9	9292.3	5428.1	3756.0	2845.1	2312.7	1955.0	1688.8
2.5°	295120.1	254856.2	133711.0	36711.7	11409.5	6114.5	4018.1	2949.1	2366.8	2000.7	1734.5
0°	423910.5	363306.7	187655.5	48283.4	12374.5	6289.2	4101.3	2969.9	2375.1	2009.0	1734.5
-2.5°	387806.1	339406.2	181274.8	44930.8	12644.9	6339.1	4167.8	3040.6	2437.5	2046.5	1747.0
-5°	230431.7	202122.2	126452.7	32036.4	11234.8	5885.7	3993.1	2978.2	2395.9	2025.7	1738.7
-7.5°	60711.9	52559.3	34573.7	16717.0	7270.8	4978.9	3668.7	2874.2	2341.8	1988.2	1705.4
-10°	14637.3	13871.9	12391.1	7595.2	5661.1	4159.5	3252.7	2687.0	2233.6	1938.3	1651.3
-12.5°	7058.7	6892.3	6255.9	5157.8	4201.1	3456.5	2944.9	2491.5	2133.8	1851.0	1576.4
-15°	4592.1	4496.4	4280.1	3860.0	3373.3	3015.6	2657.9	2291.9	2009.0	1722.0	1514.1
-17.5°	3398.3	3394.1	3286.0	3127.9	2886.7	2620.5	2358.4	2125.5	1851.0	1605.6	1447.5
-20°	2816.0	2816.0	2753.6	2649.6	2479.1	2304.4	2129.7	1913.4	1688.8	1505.7	1439.2

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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°	2391.7	2395.9	2362.6	2296.0	2204.5	2058.9	1888.4	1713.7	1551.5	1484.9	1464.1
-25°	2117.2	2108.9	2071.4	2009.0	1913.4	1796.9	1684.6	1568.1	1522.4	1505.7	1534.9
-27.5°	1792.7	1805.2	1788.6	1759.5	1697.1	1613.9	1588.9	1555.6	1564.0	1588.9	1701.2
-30°	1601.4	1613.9	1630.5	1643.0	1622.2	1601.4	1609.7	1634.7	1688.8	1784.4	1826.0
-32.5°	1601.4	1605.6	1630.5	1655.5	1668.0	1684.6	1730.3	1813.5	1892.6	1867.6	1859.3
-35°	1747.0	1734.5	1767.8	1801.1	1846.8	1905.0	1955.0	1938.3	1909.2	1900.9	1909.2
-37.5°	2162.9	2083.9	2050.6	2029.8	2017.4	2009.0	1996.6	1984.1	1971.6	1963.3	1975.8
-40°	2158.8	2138.0	2117.2	2100.5	2088.1	2071.4	2063.1	2058.9	2046.5	2038.2	2029.8
-42.5°	2150.5	2158.8	2158.8	2154.6	2158.8	2154.6	2142.1	2125.5	2104.7	2088.1	2071.4
-45°	2212.8	2217.0	2225.3	2233.6	2246.1	2229.5	2204.5	2175.4	2146.3	2121.3	2100.5
-47.5°	2250.3	2254.4	2262.8	2275.2	2283.6	2266.9	2233.6	2196.2	2150.5	2108.9	2067.3
-50°	2262.8	2275.2	2279.4	2279.4	2275.2	2254.4	2204.5	2150.5	2100.5	2058.9	2021.5
-52.5°	2204.5	2217.0	2221.2	2212.8	2208.7	2187.9	2142.1	2092.2	2038.2	2009.0	1975.8
-55°	2108.9	2125.5	2138.0	2138.0	2138.0	2133.8	2092.2	2046.5	2004.9	1971.6	1938.3
-57.5°	2071.4	2100.5	2125.5	2129.7	2133.8	2138.0	2108.9	2063.1	2013.2	1963.3	1921.7
-60°	2208.7	2233.6	2246.1	2229.5	2217.0	2204.5	2158.8	2104.7	2054.8	2004.9	1925.8
-62.5°	2171.3	2212.8	2233.6	2221.2	2204.5	2183.7	2133.8	2071.4	2013.2	1959.1	1880.1
-65°	2050.6	2088.1	2113.0	2092.2	2067.3	2038.2	1992.4	1934.2	1880.1	1826.0	1755.3
-67.5°	1846.8	1900.9	1942.5	1896.7	1863.5	1826.0	1788.6	1738.7	1684.6	1622.2	1555.6
-70°	1526.5	1568.1	1605.6	1593.1	1584.8	1576.4	1551.5	1501.6	1455.8	1405.9	1347.7
-72.5°	1227.1	1264.5	1297.8	1277.0	1260.3	1235.4	1197.9	1143.9	1089.8	1035.7	981.6
-75°	678.0	690.5	703.0	698.8	698.8	698.8	698.8	703.0	694.6	682.2	657.2
-77.5°	519.9	536.6	549.1	557.4	569.9	586.5	599.0	578.2	557.4	536.6	511.6
-80°	407.6	424.3	436.7	482.5	515.8	553.2	578.2	549.1	519.9	495.0	474.2
-82.5°	307.8	320.3	332.8	357.7	374.4	395.2	411.8	411.8	407.6	403.5	391.0
-85°	224.6	241.3	257.9	266.2	278.7	278.7	282.8	266.2	249.6	237.1	220.5
-87.5°	128.9	133.1	133.1	133.1	137.3	137.3	137.3	128.9	124.8	116.5	112.3
-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°	4.2	4.2	4.2	8.3	8.3	12.5	12.5	16.6	16.6	20.8	20.8
85°	25.0	25.0	25.0	29.1	29.1	33.3	37.4	41.6	45.8	45.8	49.9
82.5°	41.6	45.8	49.9	54.1	58.2	62.4	66.6	70.7	83.2	91.5	95.7
80°	41.6	45.8	58.2	66.6	74.9	83.2	83.2	83.2	83.2	87.3	95.7
77.5°	29.1	33.3	37.4	45.8	66.6	83.2	95.7	104.0	95.7	91.5	83.2
75°	16.6	20.8	25.0	29.1	41.6	58.2	79.0	99.8	116.5	112.3	104.0
72.5°	16.6	16.6	20.8	25.0	29.1	33.3	37.4	58.2	83.2	104.0	116.5
70°	16.6	20.8	20.8	25.0	29.1	33.3	37.4	45.8	58.2	83.2	108.1
67.5°	16.6	20.8	20.8	29.1	37.4	41.6	45.8	41.6	37.4	54.1	79.0
65°	16.6	16.6	20.8	25.0	29.1	33.3	45.8	45.8	41.6	41.6	41.6
62.5°	25.0	25.0	25.0	25.0	29.1	29.1	29.1	37.4	37.4	37.4	37.4
60°	49.9	45.8	45.8	45.8	45.8	37.4	37.4	37.4	33.3	37.4	33.3
57.5°	120.6	99.8	91.5	91.5	79.0	74.9	62.4	45.8	45.8	37.4	37.4
55°	245.4	232.9	195.5	162.2	145.6	128.9	99.8	83.2	62.4	49.9	45.8
52.5°	378.5	345.2	312.0	270.4	228.8	195.5	166.4	128.9	104.0	74.9	58.2
50°	495.0	465.9	428.4	382.7	328.6	287.0	245.4	195.5	153.9	116.5	83.2
47.5°	673.8	615.6	569.9	515.8	453.4	395.2	341.1	282.8	216.3	170.5	128.9
45°	865.2	782.0	719.6	669.7	586.5	507.5	445.1	382.7	303.6	224.6	174.7
42.5°	998.3	935.9	852.7	786.1	711.3	628.1	544.9	478.3	395.2	303.6	224.6
40°	1069.0	1027.4	960.8	902.6	823.6	732.1	644.7	578.2	490.8	391.0	282.8
37.5°	1123.1	1102.3	1069.0	1023.2	948.4	840.2	752.9	673.8	599.0	482.5	366.0
35°	1185.5	1181.3	1160.5	1139.7	1077.3	973.3	869.3	777.8	686.3	578.2	449.2
32.5°	1243.7	1239.5	1227.1	1218.7	1193.8	1102.3	990.0	886.0	782.0	669.7	528.3
30°	1272.8	1264.5	1264.5	1272.8	1247.8	1189.6	1106.4	994.1	877.7	744.5	611.4
27.5°	1272.8	1264.5	1268.6	1281.1	1277.0	1247.8	1185.5	1093.9	965.0	815.3	686.3
25°	1218.7	1260.3	1260.3	1277.0	1281.1	1272.8	1239.5	1181.3	1048.2	890.1	744.5
22.5°	1143.9	1243.7	1281.1	1277.0	1281.1	1301.9	1306.1	1252.0	1127.2	965.0	802.8
20°	1143.9	1214.6	1322.7	1293.6	1301.9	1347.7	1368.5	1322.7	1210.4	1035.7	861.0
17.5°	1168.8	1214.6	1306.1	1351.8	1364.3	1401.7	1435.0	1405.9	1285.3	1110.6	940.0
15°	1239.5	1231.2	1293.6	1405.9	1426.7	1455.8	1493.3	1460.0	1351.8	1193.8	1014.9
12.5°	1289.4	1243.7	1293.6	1414.2	1480.8	1509.9	1522.4	1497.4	1410.1	1268.6	1089.8
10°	1356.0	1277.0	1301.9	1405.9	1501.6	1522.4	1534.9	1526.5	1464.1	1331.0	1156.3
7.5°	1405.9	1293.6	1293.6	1393.4	1522.4	1539.0	1547.3	1555.6	1509.9	1385.1	1214.6
5°	1426.7	1293.6	1285.3	1381.0	1543.2	1559.8	1559.8	1572.3	1543.2	1426.7	1256.2
2.5°	1430.9	1289.4	1277.0	1372.6	1580.6	1580.6	1572.3	1584.8	1568.1	1451.7	1285.3
0°	1451.7	1285.3	1272.8	1385.1	1622.2	1605.6	1584.8	1588.9	1580.6	1464.1	1301.9
-2.5°	1451.7	1306.1	1289.4	1393.4	1618.0	1613.9	1605.6	1609.7	1601.4	1501.6	1335.2
-5°	1472.5	1335.2	1318.6	1430.9	1613.9	1626.4	1630.5	1630.5	1618.0	1526.5	1356.0
-7.5°	1476.6	1356.0	1351.8	1468.3	1622.2	1643.0	1655.5	1663.8	1638.8	1543.2	1372.6
-10°	1455.8	1364.3	1385.1	1514.1	1630.5	1659.6	1684.6	1697.1	1655.5	1551.5	1381.0
-12.5°	1410.1	1364.3	1418.4	1572.3	1651.3	1684.6	1722.0	1726.2	1672.1	1555.6	1385.1
-15°	1405.9	1397.6	1476.6	1630.5	1663.8	1705.4	1763.6	1751.1	1684.6	1555.6	1385.1
-17.5°	1401.7	1443.3	1564.0	1651.3	1684.6	1730.3	1776.1	1763.6	1692.9	1555.6	1376.8
-20°	1439.2	1518.2	1668.0	1672.1	1709.6	1759.5	1784.4	1759.5	1680.4	1543.2	1364.3

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CATALOG NUMBER: IFLD-L-SA8B-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°	1501.6	1651.3	1701.2	1717.9	1751.1	1788.6	1801.1	1763.6	1668.0	1522.4	1343.5
-25°	1659.6	1734.5	1734.5	1771.9	1805.2	1821.9	1809.4	1767.8	1651.3	1501.6	1322.7
-27.5°	1780.3	1776.1	1796.9	1834.3	1863.5	1863.5	1830.2	1747.0	1626.4	1480.8	1293.6
-30°	1826.0	1830.2	1859.3	1900.9	1909.2	1888.4	1838.5	1730.3	1605.6	1447.5	1256.2
-32.5°	1871.8	1888.4	1925.8	1946.6	1950.8	1909.2	1817.7	1701.2	1572.3	1410.1	1214.6
-35°	1925.8	1959.1	1979.9	1984.1	1963.3	1892.6	1788.6	1663.8	1522.4	1356.0	1177.1
-37.5°	1996.6	2013.2	2025.7	2009.0	1950.8	1867.6	1738.7	1613.9	1476.6	1297.8	1123.1
-40°	2042.3	2050.6	2054.8	2000.7	1930.0	1809.4	1684.6	1555.6	1397.6	1231.2	1064.8
-42.5°	2071.4	2063.1	2029.8	1971.6	1867.6	1751.1	1630.5	1484.9	1326.9	1164.7	1002.4
-45°	2063.1	2034.0	1984.1	1913.4	1805.2	1688.8	1547.3	1401.7	1252.0	1093.9	931.7
-47.5°	2029.8	1984.1	1921.7	1838.5	1738.7	1597.2	1455.8	1314.4	1168.8	1014.9	865.2
-50°	1988.2	1934.2	1859.3	1755.3	1622.2	1493.3	1364.3	1227.1	1077.3	935.9	802.8
-52.5°	1942.5	1884.2	1788.6	1672.1	1526.5	1393.4	1268.6	1135.5	998.3	865.2	748.7
-55°	1892.6	1834.3	1726.2	1593.1	1447.5	1301.9	1181.3	1069.0	935.9	806.9	703.0
-57.5°	1867.6	1792.7	1680.4	1547.3	1393.4	1243.7	1139.7	1019.1	898.5	765.3	665.5
-60°	1846.8	1771.9	1668.0	1514.1	1368.5	1227.1	1106.4	990.0	861.0	736.2	636.4
-62.5°	1788.6	1709.6	1613.9	1464.1	1322.7	1193.8	1085.6	948.4	823.6	707.1	615.6
-65°	1672.1	1588.9	1505.7	1372.6	1243.7	1123.1	1014.9	890.1	773.7	673.8	594.8
-67.5°	1489.1	1418.4	1343.5	1231.2	1123.1	1014.9	915.1	806.9	711.3	640.6	599.0
-70°	1285.3	1210.4	1135.5	1044.0	952.5	865.2	786.1	707.1	644.7	607.3	574.0
-72.5°	935.9	902.6	865.2	794.5	719.6	665.5	628.1	594.8	549.1	515.8	495.0
-75°	623.9	578.2	519.9	495.0	499.1	490.8	470.0	445.1	424.3	411.8	382.7
-77.5°	486.7	461.7	432.6	403.5	391.0	378.5	361.9	341.1	324.4	295.3	253.7
-80°	449.2	428.4	407.6	386.8	366.0	336.9	303.6	270.4	253.7	241.3	237.1
-82.5°	370.2	345.2	320.3	299.5	270.4	249.6	228.8	212.1	212.1	208.0	203.8
-85°	212.1	203.8	191.3	183.0	174.7	162.2	149.7	141.4	137.3	133.1	128.9
-87.5°	108.1	104.0	95.7	91.5	87.3	83.2	74.9	70.7	66.6	66.6	62.4
-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-L-SA8B-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°	20.8	20.8	16.6	16.6	16.6	12.5	8.3	8.3	4.2	4.2	0.0
85°	49.9	41.6	37.4	33.3	33.3	25.0	16.6	12.5	8.3	4.2	4.2
82.5°	95.7	83.2	70.7	62.4	49.9	37.4	29.1	20.8	12.5	8.3	4.2
80°	108.1	108.1	104.0	87.3	70.7	54.1	37.4	25.0	16.6	12.5	8.3
77.5°	83.2	91.5	91.5	91.5	87.3	66.6	45.8	29.1	16.6	12.5	8.3
75°	95.7	83.2	79.0	83.2	79.0	66.6	54.1	33.3	20.8	16.6	8.3
72.5°	116.5	99.8	87.3	83.2	74.9	62.4	49.9	37.4	20.8	16.6	12.5
70°	108.1	104.0	95.7	87.3	74.9	62.4	49.9	37.4	25.0	16.6	12.5
67.5°	95.7	95.7	95.7	87.3	74.9	58.2	45.8	33.3	25.0	16.6	12.5
65°	66.6	79.0	87.3	83.2	74.9	58.2	45.8	33.3	25.0	20.8	12.5
62.5°	41.6	54.1	70.7	79.0	70.7	58.2	41.6	33.3	25.0	20.8	12.5
60°	37.4	41.6	49.9	62.4	66.6	54.1	41.6	29.1	25.0	20.8	12.5
57.5°	37.4	37.4	41.6	49.9	54.1	49.9	37.4	25.0	25.0	20.8	16.6
55°	41.6	37.4	37.4	41.6	45.8	45.8	37.4	25.0	25.0	20.8	16.6
52.5°	49.9	41.6	37.4	37.4	37.4	41.6	33.3	25.0	25.0	20.8	16.6
50°	62.4	49.9	45.8	37.4	37.4	37.4	33.3	25.0	20.8	20.8	16.6
47.5°	83.2	66.6	49.9	45.8	37.4	33.3	29.1	25.0	20.8	20.8	16.6
45°	124.8	79.0	66.6	49.9	41.6	37.4	33.3	25.0	20.8	20.8	16.6
42.5°	170.5	116.5	83.2	58.2	45.8	37.4	33.3	29.1	20.8	20.8	16.6
40°	216.3	158.1	104.0	74.9	54.1	41.6	33.3	29.1	25.0	20.8	16.6
37.5°	266.2	195.5	137.3	95.7	62.4	45.8	37.4	29.1	25.0	20.8	16.6
35°	328.6	245.4	170.5	116.5	74.9	54.1	41.6	29.1	25.0	20.8	16.6
32.5°	399.3	291.2	203.8	141.4	95.7	66.6	45.8	33.3	25.0	20.8	16.6
30°	465.9	345.2	241.3	170.5	116.5	74.9	49.9	33.3	25.0	20.8	12.5
27.5°	532.4	399.3	287.0	199.7	141.4	87.3	54.1	37.4	25.0	20.8	16.6
25°	599.0	453.4	332.8	228.8	162.2	104.0	66.6	41.6	25.0	20.8	16.6
22.5°	657.2	507.5	374.4	262.0	187.2	120.6	74.9	45.8	29.1	20.8	16.6
20°	723.8	565.7	420.1	299.5	208.0	137.3	83.2	49.9	29.1	20.8	16.6
17.5°	786.1	623.9	465.9	332.8	232.9	153.9	95.7	54.1	33.3	20.8	16.6
15°	848.5	678.0	507.5	366.0	257.9	170.5	104.0	58.2	37.4	20.8	16.6
12.5°	906.8	727.9	544.9	395.2	278.7	187.2	112.3	62.4	41.6	20.8	16.6
10°	960.8	773.7	582.3	420.1	299.5	199.7	120.6	70.7	45.8	20.8	16.6
7.5°	1014.9	811.1	611.4	445.1	324.4	216.3	128.9	74.9	49.9	25.0	16.6
5°	1048.2	844.4	636.4	465.9	345.2	232.9	137.3	79.0	54.1	25.0	16.6
2.5°	1077.3	869.3	653.0	486.7	366.0	245.4	137.3	83.2	58.2	25.0	16.6
0°	1093.9	886.0	665.5	499.1	382.7	253.7	141.4	87.3	62.4	25.0	16.6
-2.5°	1131.4	915.1	694.6	515.8	399.3	278.7	149.7	91.5	66.6	29.1	16.6
-5°	1156.3	931.7	715.4	532.4	411.8	303.6	162.2	99.8	74.9	37.4	20.8
-7.5°	1177.1	948.4	732.1	540.7	424.3	312.0	166.4	104.0	79.0	41.6	20.8
-10°	1181.3	956.7	744.5	553.2	432.6	324.4	170.5	108.1	83.2	45.8	20.8
-12.5°	1185.5	965.0	748.7	561.5	440.9	332.8	174.7	112.3	87.3	49.9	20.8
-15°	1181.3	960.8	748.7	569.9	445.1	324.4	183.0	116.5	91.5	54.1	20.8
-17.5°	1173.0	956.7	744.5	565.7	440.9	316.1	187.2	124.8	91.5	58.2	25.0
-20°	1160.5	944.2	736.2	561.5	436.7	307.8	191.3	128.9	95.7	58.2	25.0



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CATALOG NUMBER: IFLD-L-SA8B-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°	1139.7	923.4	719.6	549.1	428.4	299.5	191.3	137.3	99.8	58.2	25.0
-25°	1114.7	902.6	703.0	532.4	415.9	287.0	191.3	141.4	104.0	58.2	25.0
-27.5°	1085.6	881.8	678.0	519.9	399.3	278.7	191.3	145.6	108.1	58.2	25.0
-30°	1052.4	852.7	657.2	499.1	386.8	278.7	195.5	149.7	112.3	58.2	25.0
-32.5°	1019.1	823.6	632.2	482.5	370.2	274.5	195.5	153.9	116.5	54.1	29.1
-35°	981.6	790.3	611.4	470.0	357.7	266.2	199.7	153.9	112.3	54.1	29.1
-37.5°	935.9	748.7	590.6	457.5	349.4	257.9	199.7	158.1	108.1	54.1	29.1
-40°	886.0	715.4	565.7	440.9	336.9	253.7	199.7	158.1	104.0	54.1	33.3
-42.5°	831.9	678.0	540.7	424.3	324.4	249.6	199.7	158.1	99.8	54.1	33.3
-45°	782.0	640.6	511.6	403.5	312.0	249.6	199.7	153.9	91.5	58.2	33.3
-47.5°	727.9	599.0	478.3	382.7	307.8	245.4	195.5	145.6	83.2	58.2	33.3
-50°	682.2	557.4	453.4	361.9	299.5	249.6	199.7	133.1	83.2	58.2	33.3
-52.5°	636.4	528.3	424.3	353.6	291.2	253.7	195.5	124.8	83.2	58.2	33.3
-55°	599.0	499.1	407.6	341.1	299.5	262.0	187.2	112.3	83.2	58.2	33.3
-57.5°	569.9	482.5	395.2	345.2	312.0	253.7	174.7	108.1	83.2	54.1	33.3
-60°	549.1	465.9	399.3	361.9	316.1	241.3	166.4	108.1	83.2	54.1	29.1
-62.5°	532.4	470.0	420.1	374.4	299.5	224.6	158.1	108.1	74.9	49.9	29.1
-65°	536.6	486.7	428.4	357.7	287.0	208.0	145.6	104.0	70.7	45.8	29.1
-67.5°	549.1	474.2	403.5	336.9	257.9	187.2	133.1	95.7	66.6	45.8	29.1
-70°	507.5	436.7	366.0	287.0	220.5	162.2	124.8	87.3	58.2	41.6	29.1
-72.5°	457.5	366.0	291.2	232.9	187.2	149.7	112.3	79.0	54.1	37.4	25.0
-75°	332.8	266.2	216.3	195.5	166.4	133.1	99.8	70.7	49.9	37.4	25.0
-77.5°	237.1	220.5	199.7	178.9	149.7	116.5	87.3	66.6	45.8	33.3	20.8
-80°	232.9	212.1	187.2	153.9	124.8	99.8	74.9	58.2	41.6	29.1	16.6
-82.5°	195.5	166.4	141.4	116.5	95.7	79.0	62.4	45.8	33.3	20.8	12.5
-85°	120.6	104.0	91.5	79.0	66.6	54.1	41.6	29.1	20.8	12.5	8.3
-87.5°	58.2	54.1	45.8	37.4	33.3	25.0	20.8	16.6	12.5	8.3	4.2
-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-SA8B-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°	4.2	0.0	0.0	0.0
80°	4.2	0.0	0.0	0.0
77.5°	4.2	0.0	0.0	0.0
75°	4.2	4.2	0.0	0.0
72.5°	4.2	4.2	0.0	0.0
70°	8.3	4.2	4.2	0.0
67.5°	8.3	4.2	4.2	0.0
65°	8.3	4.2	4.2	0.0
62.5°	8.3	4.2	4.2	0.0
60°	8.3	4.2	4.2	0.0
57.5°	8.3	4.2	4.2	0.0
55°	8.3	4.2	4.2	0.0
52.5°	8.3	4.2	4.2	0.0
50°	8.3	4.2	4.2	0.0
47.5°	8.3	8.3	4.2	0.0
45°	8.3	8.3	4.2	0.0
42.5°	8.3	8.3	4.2	0.0
40°	8.3	8.3	4.2	0.0
37.5°	8.3	8.3	4.2	0.0
35°	8.3	8.3	4.2	0.0
32.5°	12.5	8.3	4.2	0.0
30°	12.5	8.3	8.3	0.0
27.5°	12.5	8.3	8.3	0.0
25°	12.5	8.3	8.3	0.0
22.5°	12.5	8.3	8.3	0.0
20°	12.5	8.3	8.3	0.0
17.5°	12.5	8.3	8.3	0.0
15°	12.5	8.3	8.3	0.0
12.5°	12.5	8.3	8.3	0.0
10°	12.5	8.3	8.3	0.0
7.5°	12.5	8.3	8.3	0.0
5°	12.5	8.3	8.3	0.0
2.5°	12.5	8.3	8.3	0.0
0°	12.5	8.3	8.3	0.0
-2.5°	12.5	8.3	8.3	0.0
-5°	12.5	8.3	8.3	0.0
-7.5°	12.5	8.3	8.3	0.0
-10°	12.5	8.3	8.3	0.0
-12.5°	16.6	8.3	8.3	0.0
-15°	16.6	8.3	8.3	0.0
-17.5°	16.6	8.3	8.3	0.0
-20°	16.6	8.3	8.3	0.0

REPORT NUMBER: P723659

CATALOG NUMBER: IFLD-L-SA8B-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.6	8.3	8.3	0.0
-25°	16.6	8.3	8.3	0.0
-27.5°	16.6	8.3	8.3	0.0
-30°	16.6	8.3	8.3	0.0
-32.5°	16.6	8.3	8.3	0.0
-35°	16.6	8.3	8.3	0.0
-37.5°	16.6	8.3	8.3	0.0
-40°	16.6	8.3	8.3	0.0
-42.5°	12.5	8.3	4.2	0.0
-45°	16.6	8.3	4.2	0.0
-47.5°	16.6	8.3	4.2	0.0
-50°	16.6	8.3	4.2	0.0
-52.5°	16.6	8.3	4.2	0.0
-55°	16.6	8.3	4.2	0.0
-57.5°	16.6	8.3	4.2	0.0
-60°	16.6	8.3	4.2	0.0
-62.5°	16.6	8.3	4.2	0.0
-65°	16.6	8.3	4.2	0.0
-67.5°	16.6	8.3	4.2	0.0
-70°	16.6	4.2	4.2	0.0
-72.5°	12.5	4.2	4.2	0.0
-75°	12.5	4.2	4.2	0.0
-77.5°	8.3	4.2	0.0	0.0
-80°	8.3	4.2	0.0	0.0
-82.5°	8.3	4.2	0.0	0.0
-85°	4.2	0.0	0.0	0.0
-87.5°	4.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)