

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: P723716

Luminaire Tested: **IFLD-L-SA8A-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723716
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17886.4 lumens	Max Intensity:	420804.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	72.2 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:	6486.4 lumens	Field Lumens:	10340.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

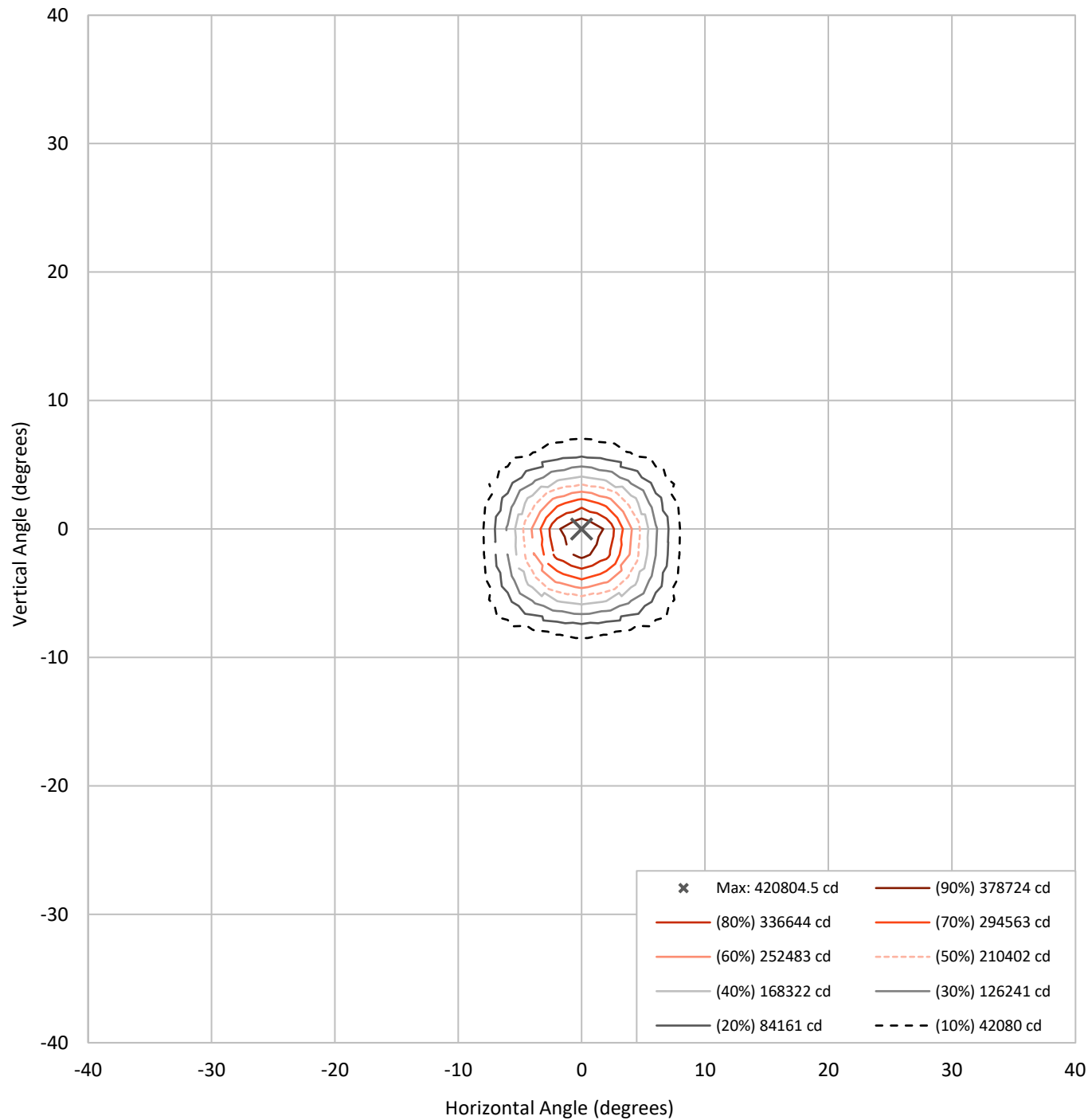
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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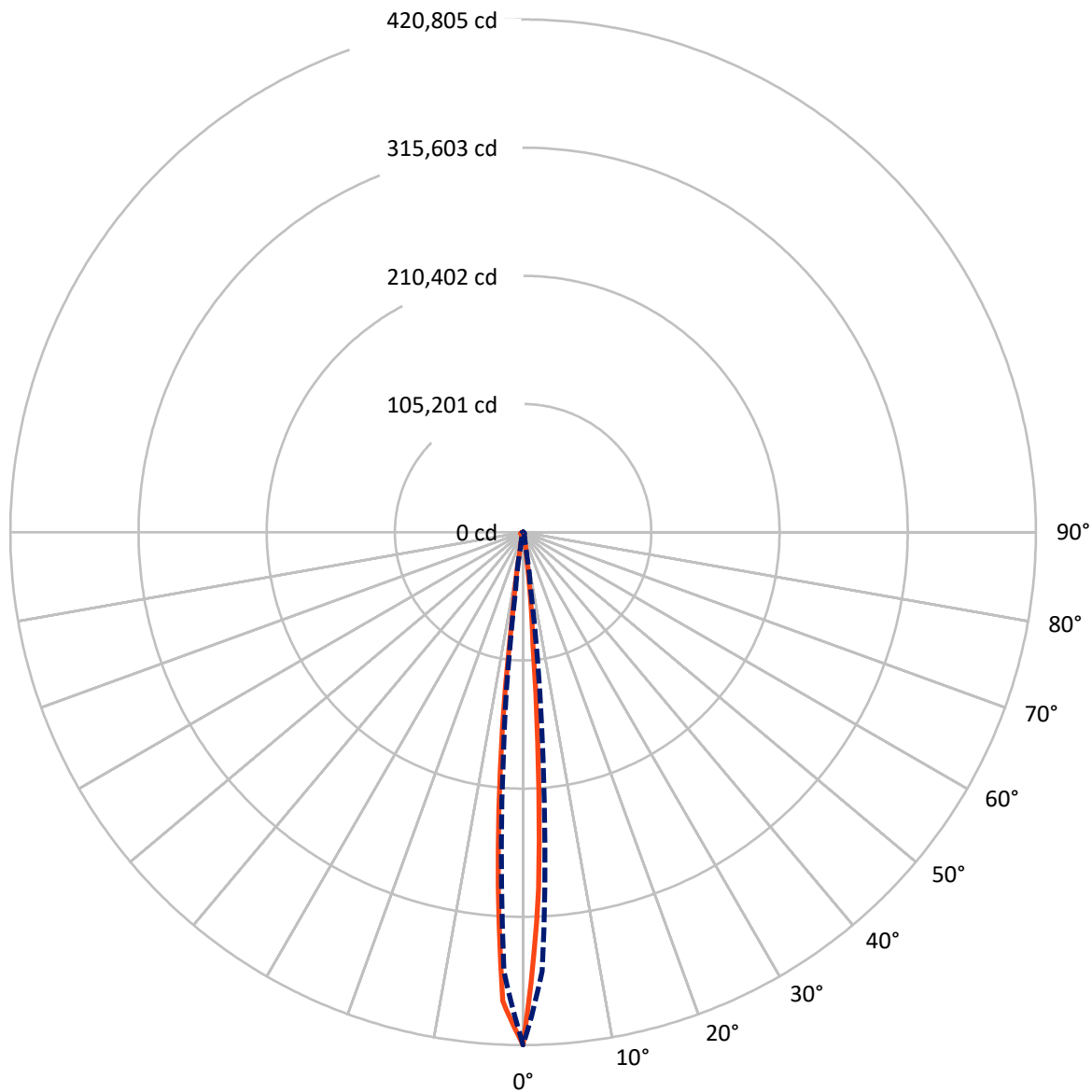
Lumen Table

90																				
80	0.3		4.0		4.3		1.7		0.5		1.7		4.3		4.0		0.3			
70	0.5		0.9	1.1	0.9	0.7	0.6	0.5	0.3	0.3	0.5	0.6	0.7	0.9	1.1	0.9	0.5			
60			0.6	0.8	2.1	4.6	7.5	9.7	11.1	11.1	9.7	7.5	4.6	2.1	0.8	0.6				
50	0.5		0.6	2.4	8.1	16.0	23.5	28.2	31.3	31.3	28.2	23.5	16.0	8.1	2.4	0.6	0.5			
40			1.2	6.2	16.7	27.2	31.9	34.5	35.7	35.7	34.5	31.9	27.2	16.7	6.2	1.2				
30	0.7		2.3	10.6	24.4	31.5	32.5	38.3	46.1	46.1	38.3	32.5	31.5	24.4	10.6	2.3	0.7			
20			3.6	14.9	29.9	33.6	37.9	66.6	113.5	113.5	66.6	37.9	33.6	29.9	14.9	3.6				
10	1.2		4.7	18.2	32.9	34.8	46.8	126.7	2348.1	2348.1	126.7	46.8	34.8	32.9	18.2	4.7	1.2			
0			5.5	20.0	34.5	36.1	48.4	136.5	3423.7	3423.7	136.5	48.4	36.1	34.5	20.0	5.5				
-10	1.7		5.9	20.5	36.4	39.1	43.6	79.4	152.3	152.3	79.4	43.6	39.1	36.4	20.5	5.9	1.7			
-20			5.6	19.5	36.8	43.9	44.0	51.4	62.7	62.7	51.4	44.0	43.9	36.8	19.5	5.6				
-30	1.9		4.9	17.2	35.2	48.3	52.6	54.8	55.2	55.2	54.8	52.6	48.3	35.2	17.2	4.9	1.9			
-40			4.3	13.9	29.9	46.6	56.6	63.5	66.5	66.5	63.5	56.6	46.6	29.9	13.9	4.3				
-50	1.5		3.9	10.7	23.2	39.7	53.3	62.0	65.5	65.5	62.0	53.3	39.7	23.2	10.7	3.9	1.5			
-60			3.6	9.4	18.9	33.1	46.6	56.4	61.0	61.0	56.4	46.6	33.1	18.9	9.4	3.6				
-70	0.7																0.7			
-80			11.1		32.9		61.0		67.4		61.0		32.9		11.1					
-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



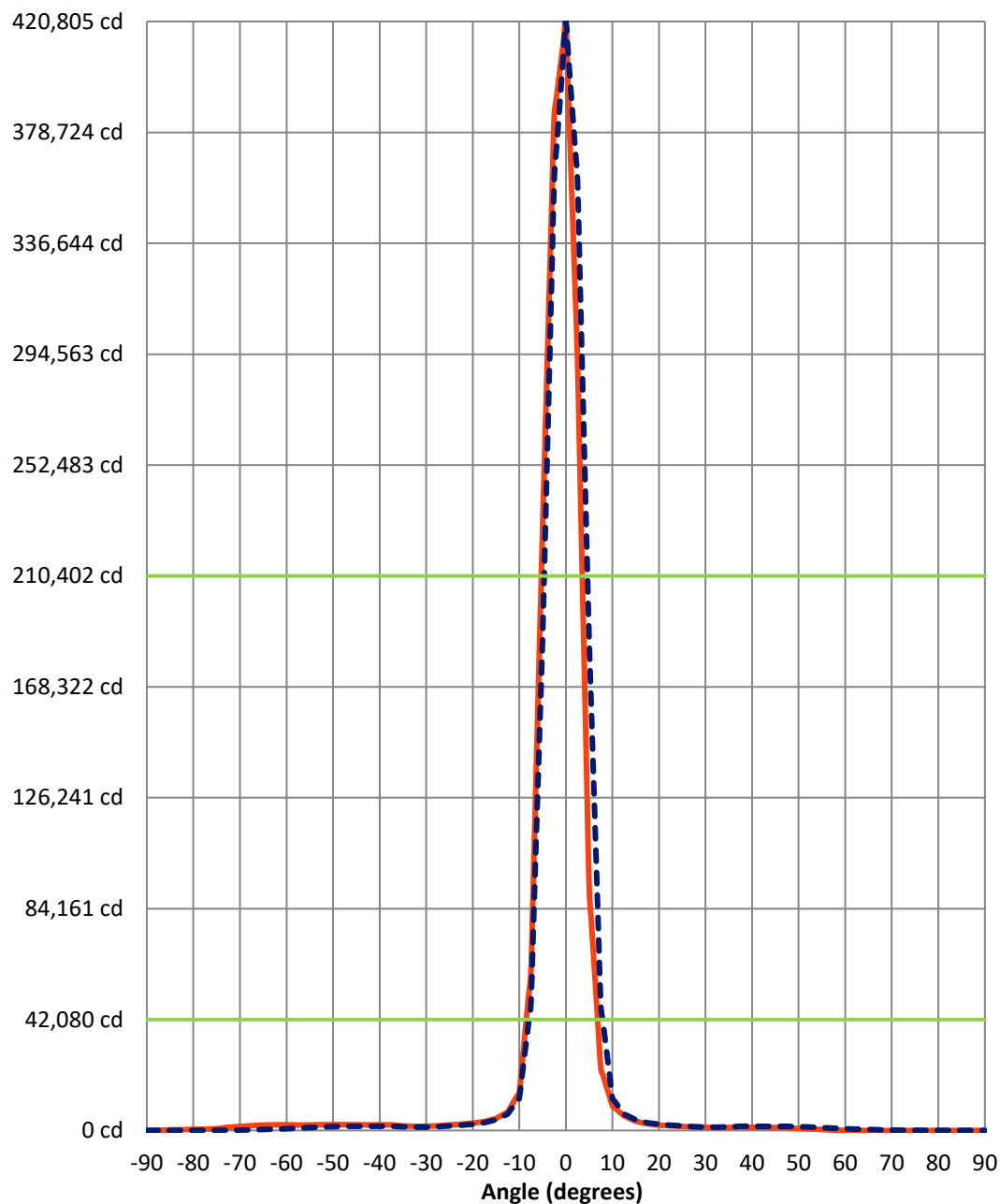
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6486.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10340.5

Efficiency: 57.8%

Spill:

Lumens: 7545.9

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	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
85°	0.0	4.1	4.1	8.3	8.3	8.3	12.4	16.5	20.6	20.6	24.8
82.5°	0.0	4.1	4.1	8.3	8.3	12.4	12.4	20.6	24.8	28.9	37.2
80°	4.1	4.1	4.1	8.3	8.3	12.4	12.4	16.5	20.6	28.9	33.0
77.5°	0.0	4.1	4.1	4.1	8.3	8.3	8.3	12.4	16.5	20.6	24.8
75°	0.0	4.1	4.1	4.1	8.3	8.3	8.3	8.3	12.4	12.4	16.5
72.5°	0.0	0.0	0.0	4.1	4.1	8.3	8.3	8.3	12.4	12.4	12.4
70°	0.0	0.0	0.0	4.1	4.1	8.3	8.3	8.3	12.4	12.4	12.4
67.5°	0.0	0.0	0.0	4.1	4.1	8.3	8.3	8.3	12.4	12.4	12.4
65°	0.0	0.0	0.0	4.1	4.1	8.3	8.3	12.4	12.4	12.4	12.4
62.5°	4.1	4.1	4.1	8.3	12.4	12.4	16.5	20.6	20.6	20.6	20.6
60°	41.3	45.4	49.5	49.5	45.4	45.4	49.5	49.5	49.5	49.5	49.5
57.5°	111.5	119.7	123.9	123.9	123.9	119.7	136.3	140.4	123.9	115.6	128.0
55°	388.1	400.5	392.3	379.9	355.1	326.2	317.9	313.8	317.9	297.3	264.3
52.5°	565.7	578.1	573.9	565.7	549.2	528.5	512.0	495.5	479.0	445.9	408.8
50°	735.0	739.1	735.0	726.7	710.2	689.5	656.5	619.4	586.3	578.1	545.0
47.5°	924.9	937.3	937.3	933.2	920.8	883.6	834.1	780.4	755.6	747.4	714.3
45°	1094.2	1102.4	1106.6	1110.7	1106.6	1069.4	1024.0	995.1	941.4	924.9	924.9
42.5°	1139.6	1143.7	1147.9	1152.0	1164.4	1135.5	1098.3	1048.8	1036.4	1032.3	1024.0
40°	1156.1	1147.9	1152.0	1156.1	1160.3	1139.6	1110.7	1081.8	1073.5	1065.3	1065.3
37.5°	1313.0	1275.9	1247.0	1222.2	1201.5	1180.9	1152.0	1127.2	1106.6	1090.1	1106.6
35°	1119.0	1119.0	1147.9	1172.6	1197.4	1222.2	1226.3	1197.4	1152.0	1131.4	1160.3
32.5°	1143.7	1143.7	1143.7	1152.0	1160.3	1180.9	1201.5	1213.9	1247.0	1209.8	1209.8
30°	1168.5	1172.6	1180.9	1185.0	1172.6	1164.4	1156.1	1156.1	1176.8	1230.4	1259.3
27.5°	1313.0	1313.0	1300.6	1284.1	1247.0	1189.2	1160.3	1119.0	1123.1	1147.9	1218.1
25°	1548.4	1540.1	1511.2	1469.9	1403.9	1321.3	1242.8	1156.1	1119.0	1106.6	1135.5
22.5°	1771.3	1759.0	1721.8	1684.6	1631.0	1548.4	1416.3	1284.1	1168.5	1119.0	1106.6
20°	2056.2	2027.3	1986.1	1928.3	1841.5	1759.0	1643.3	1469.9	1300.6	1172.6	1123.1
17.5°	2514.6	2477.4	2399.0	2295.7	2147.1	2019.1	1853.9	1688.8	1498.8	1292.4	1180.9
15°	3517.9	3423.0	3286.7	3001.8	2708.6	2465.0	2217.3	1940.6	1746.6	1474.1	1304.8
12.5°	5532.9	5272.8	4876.4	4211.6	3555.1	2989.4	2588.9	2233.8	1920.0	1668.1	1428.6
10°	9364.6	8807.2	7713.0	5896.2	4686.4	3645.9	2927.5	2452.6	2056.2	1796.1	1531.9
7.5°	23684.0	19319.7	13671.2	9335.7	6131.6	4455.2	3348.6	2659.1	2200.8	1878.7	1614.4
5°	92308.3	76040.0	40563.4	16929.0	9224.2	5388.4	3728.5	2824.2	2295.7	1940.6	1676.4
2.5°	292957.8	252988.9	132731.3	36442.7	11325.9	6069.7	3988.6	2927.5	2349.4	1986.1	1721.8
0°	420804.5	360644.7	186280.5	47929.6	12283.8	6243.1	4071.2	2948.1	2357.7	1994.3	1721.8
-2.5°	384964.6	336919.4	179946.6	44601.6	12552.2	6292.6	4137.3	3018.3	2419.6	2031.5	1734.2
-5°	228743.3	200641.3	125526.2	31801.7	11152.5	5842.6	3963.9	2956.4	2378.3	2010.8	1725.9
-7.5°	60267.1	52174.2	34320.4	16594.5	7217.5	4942.4	3641.8	2853.1	2324.6	1973.7	1692.9
-10°	14530.0	13770.3	12300.3	7539.6	5619.6	4129.0	3228.9	2667.3	2217.3	1924.1	1639.2
-12.5°	7006.9	6841.8	6210.0	5120.0	4170.3	3431.2	2923.3	2473.3	2118.2	1837.4	1564.9
-15°	4558.4	4463.5	4248.8	3831.7	3348.6	2993.5	2638.4	2275.1	1994.3	1709.4	1503.0
-17.5°	3373.4	3369.3	3261.9	3105.0	2865.5	2601.3	2341.2	2109.9	1837.4	1593.8	1436.9
-20°	2795.3	2795.3	2733.4	2630.2	2460.9	2287.5	2114.1	1899.3	1676.4	1494.7	1428.6

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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°	2374.2	2378.3	2345.3	2279.2	2188.4	2043.9	1874.6	1701.2	1540.1	1474.1	1453.4
-25°	2101.7	2093.4	2056.2	1994.3	1899.3	1783.7	1672.3	1556.6	1511.2	1494.7	1523.6
-27.5°	1779.6	1792.0	1775.5	1746.6	1684.6	1602.1	1577.3	1544.3	1552.5	1577.3	1688.8
-30°	1589.7	1602.1	1618.6	1631.0	1610.3	1589.7	1597.9	1622.7	1676.4	1771.3	1812.6
-32.5°	1589.7	1593.8	1618.6	1643.3	1655.7	1672.3	1717.7	1800.3	1878.7	1853.9	1845.7
-35°	1734.2	1721.8	1754.8	1787.9	1833.3	1891.1	1940.6	1924.1	1895.2	1887.0	1895.2
-37.5°	2147.1	2068.6	2035.6	2015.0	2002.6	1994.3	1981.9	1969.5	1957.2	1948.9	1961.3
-40°	2143.0	2122.3	2101.7	2085.2	2072.8	2056.2	2048.0	2043.9	2031.5	2023.2	2015.0
-42.5°	2134.7	2143.0	2143.0	2138.8	2143.0	2138.8	2126.4	2109.9	2089.3	2072.8	2056.2
-45°	2196.6	2200.8	2209.0	2217.3	2229.7	2213.2	2188.4	2159.5	2130.6	2105.8	2085.2
-47.5°	2233.8	2237.9	2246.2	2258.6	2266.8	2250.3	2217.3	2180.1	2134.7	2093.4	2052.1
-50°	2246.2	2258.6	2262.7	2262.7	2258.6	2237.9	2188.4	2134.7	2085.2	2043.9	2006.7
-52.5°	2188.4	2200.8	2204.9	2196.6	2192.5	2171.9	2126.4	2076.9	2023.2	1994.3	1961.3
-55°	2093.4	2109.9	2122.3	2122.3	2122.3	2118.2	2076.9	2031.5	1990.2	1957.2	1924.1
-57.5°	2056.2	2085.2	2109.9	2114.1	2118.2	2122.3	2093.4	2048.0	1998.4	1948.9	1907.6
-60°	2192.5	2217.3	2229.7	2213.2	2200.8	2188.4	2143.0	2089.3	2039.7	1990.2	1911.7
-62.5°	2155.3	2196.6	2217.3	2204.9	2188.4	2167.7	2118.2	2056.2	1998.4	1944.8	1866.3
-65°	2035.6	2072.8	2097.5	2076.9	2052.1	2023.2	1977.8	1920.0	1866.3	1812.6	1742.4
-67.5°	1833.3	1887.0	1928.3	1882.8	1849.8	1812.6	1775.5	1725.9	1672.3	1610.3	1544.3
-70°	1515.3	1556.6	1593.8	1581.4	1573.2	1564.9	1540.1	1490.6	1445.2	1395.6	1337.8
-72.5°	1218.1	1255.2	1288.3	1267.6	1251.1	1226.3	1189.2	1135.5	1081.8	1028.1	974.4
-75°	673.0	685.4	697.8	693.7	693.7	693.7	693.7	697.8	689.5	677.2	652.4
-77.5°	516.1	532.6	545.0	553.3	565.7	582.2	594.6	573.9	553.3	532.6	507.9
-80°	404.6	421.2	433.5	479.0	512.0	549.2	573.9	545.0	516.1	491.4	470.7
-82.5°	305.5	317.9	330.3	355.1	371.6	392.3	408.8	408.8	404.6	400.5	388.1
-85°	223.0	239.5	256.0	264.3	276.6	276.6	280.8	264.3	247.7	235.4	218.8
-87.5°	128.0	132.1	132.1	132.1	136.3	136.3	136.3	128.0	123.9	115.6	111.5
-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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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°	4.1	4.1	4.1	8.3	8.3	12.4	12.4	16.5	16.5	20.6	20.6
85°	24.8	24.8	24.8	28.9	28.9	33.0	37.2	41.3	45.4	45.4	49.5
82.5°	41.3	45.4	49.5	53.7	57.8	61.9	66.1	70.2	82.6	90.8	95.0
80°	41.3	45.4	57.8	66.1	74.3	82.6	82.6	82.6	82.6	86.7	95.0
77.5°	28.9	33.0	37.2	45.4	66.1	82.6	95.0	103.2	95.0	90.8	82.6
75°	16.5	20.6	24.8	28.9	41.3	57.8	78.5	99.1	115.6	111.5	103.2
72.5°	16.5	16.5	20.6	24.8	28.9	33.0	37.2	57.8	82.6	103.2	115.6
70°	16.5	20.6	20.6	24.8	28.9	33.0	37.2	45.4	57.8	82.6	107.4
67.5°	16.5	20.6	20.6	28.9	37.2	41.3	45.4	41.3	37.2	53.7	78.5
65°	16.5	16.5	20.6	24.8	28.9	33.0	45.4	45.4	41.3	41.3	41.3
62.5°	24.8	24.8	24.8	24.8	28.9	28.9	28.9	37.2	37.2	37.2	37.2
60°	49.5	45.4	45.4	45.4	45.4	37.2	37.2	37.2	33.0	37.2	33.0
57.5°	119.7	99.1	90.8	90.8	78.5	74.3	61.9	45.4	45.4	37.2	37.2
55°	243.6	231.2	194.1	161.0	144.5	128.0	99.1	82.6	61.9	49.5	45.4
52.5°	375.7	342.7	309.7	268.4	227.1	194.1	165.2	128.0	103.2	74.3	57.8
50°	491.4	462.4	425.3	379.9	326.2	284.9	243.6	194.1	152.8	115.6	82.6
47.5°	668.9	611.1	565.7	512.0	450.1	392.3	338.6	280.8	214.7	169.3	128.0
45°	858.8	776.3	714.3	664.8	582.2	503.7	441.8	379.9	301.4	223.0	173.4
42.5°	991.0	929.0	846.4	780.4	706.1	623.5	540.9	474.8	392.3	301.4	223.0
40°	1061.2	1019.9	953.8	896.0	817.5	726.7	640.0	573.9	487.2	388.1	280.8
37.5°	1114.8	1094.2	1061.2	1015.7	941.4	834.1	747.4	668.9	594.6	479.0	363.4
35°	1176.8	1172.6	1152.0	1131.4	1069.4	966.2	863.0	772.1	681.3	573.9	445.9
32.5°	1234.6	1230.4	1218.1	1209.8	1185.0	1094.2	982.7	879.5	776.3	664.8	524.4
30°	1263.5	1255.2	1255.2	1263.5	1238.7	1180.9	1098.3	986.8	871.2	739.1	607.0
27.5°	1263.5	1255.2	1259.3	1271.7	1267.6	1238.7	1176.8	1085.9	957.9	809.3	681.3
25°	1209.8	1251.1	1251.1	1267.6	1271.7	1263.5	1230.4	1172.6	1040.5	883.6	739.1
22.5°	1135.5	1234.6	1271.7	1267.6	1271.7	1292.4	1296.5	1242.8	1119.0	957.9	796.9
20°	1135.5	1205.7	1313.0	1284.1	1292.4	1337.8	1358.4	1313.0	1201.5	1028.1	854.7
17.5°	1160.3	1205.7	1296.5	1341.9	1354.3	1391.5	1424.5	1395.6	1275.9	1102.4	933.2
15°	1230.4	1222.2	1284.1	1395.6	1416.3	1445.2	1482.3	1449.3	1341.9	1185.0	1007.5
12.5°	1280.0	1234.6	1284.1	1403.9	1469.9	1498.8	1511.2	1486.4	1399.7	1259.3	1081.8
10°	1346.1	1267.6	1292.4	1395.6	1490.6	1511.2	1523.6	1515.3	1453.4	1321.3	1147.9
7.5°	1395.6	1284.1	1284.1	1383.2	1511.2	1527.7	1536.0	1544.3	1498.8	1375.0	1205.7
5°	1416.3	1284.1	1275.9	1370.8	1531.9	1548.4	1548.4	1560.8	1531.9	1416.3	1247.0
2.5°	1420.4	1280.0	1267.6	1362.6	1569.0	1569.0	1560.8	1573.2	1556.6	1441.0	1275.9
0°	1441.0	1275.9	1263.5	1375.0	1610.3	1593.8	1573.2	1577.3	1569.0	1453.4	1292.4
-2.5°	1441.0	1296.5	1280.0	1383.2	1606.2	1602.1	1593.8	1597.9	1589.7	1490.6	1325.4
-5°	1461.7	1325.4	1308.9	1420.4	1602.1	1614.4	1618.6	1618.6	1606.2	1515.3	1346.1
-7.5°	1465.8	1346.1	1341.9	1457.5	1610.3	1631.0	1643.3	1651.6	1626.8	1531.9	1362.6
-10°	1445.2	1354.3	1375.0	1503.0	1618.6	1647.5	1672.3	1684.6	1643.3	1540.1	1370.8
-12.5°	1399.7	1354.3	1408.0	1560.8	1639.2	1672.3	1709.4	1713.5	1659.9	1544.3	1375.0
-15°	1395.6	1387.3	1465.8	1618.6	1651.6	1692.9	1750.7	1738.3	1672.3	1544.3	1375.0
-17.5°	1391.5	1432.8	1552.5	1639.2	1672.3	1717.7	1763.1	1750.7	1680.5	1544.3	1366.7
-20°	1428.6	1507.1	1655.7	1659.9	1697.0	1746.6	1771.3	1746.6	1668.1	1531.9	1354.3

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CATALOG NUMBER: IFLD-L-SA8A-735-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°	1490.6	1639.2	1688.8	1705.3	1738.3	1775.5	1787.9	1750.7	1655.7	1511.2	1333.7
-25°	1647.5	1721.8	1721.8	1759.0	1792.0	1808.5	1796.1	1754.8	1639.2	1490.6	1313.0
-27.5°	1767.2	1763.1	1783.7	1820.9	1849.8	1849.8	1816.8	1734.2	1614.4	1469.9	1284.1
-30°	1812.6	1816.8	1845.7	1887.0	1895.2	1874.6	1825.0	1717.7	1593.8	1436.9	1247.0
-32.5°	1858.1	1874.6	1911.7	1932.4	1936.5	1895.2	1804.4	1688.8	1560.8	1399.7	1205.7
-35°	1911.7	1944.8	1965.4	1969.5	1948.9	1878.7	1775.5	1651.6	1511.2	1346.1	1168.5
-37.5°	1981.9	1998.4	2010.8	1994.3	1936.5	1853.9	1725.9	1602.1	1465.8	1288.3	1114.8
-40°	2027.3	2035.6	2039.7	1986.1	1915.9	1796.1	1672.3	1544.3	1387.3	1222.2	1057.0
-42.5°	2056.2	2048.0	2015.0	1957.2	1853.9	1738.3	1618.6	1474.1	1317.2	1156.1	995.1
-45°	2048.0	2019.1	1969.5	1899.3	1792.0	1676.4	1536.0	1391.5	1242.8	1085.9	924.9
-47.5°	2015.0	1969.5	1907.6	1825.0	1725.9	1585.5	1445.2	1304.8	1160.3	1007.5	858.8
-50°	1973.7	1920.0	1845.7	1742.4	1610.3	1482.3	1354.3	1218.1	1069.4	929.0	796.9
-52.5°	1928.3	1870.4	1775.5	1659.9	1515.3	1383.2	1259.3	1127.2	991.0	858.8	743.2
-55°	1878.7	1820.9	1713.5	1581.4	1436.9	1292.4	1172.6	1061.2	929.0	801.0	697.8
-57.5°	1853.9	1779.6	1668.1	1536.0	1383.2	1234.6	1131.4	1011.6	891.9	759.7	660.6
-60°	1833.3	1759.0	1655.7	1503.0	1358.4	1218.1	1098.3	982.7	854.7	730.8	631.7
-62.5°	1775.5	1697.0	1602.1	1453.4	1313.0	1185.0	1077.7	941.4	817.5	701.9	611.1
-65°	1659.9	1577.3	1494.7	1362.6	1234.6	1114.8	1007.5	883.6	768.0	668.9	590.4
-67.5°	1478.2	1408.0	1333.7	1222.2	1114.8	1007.5	908.4	801.0	706.1	635.9	594.6
-70°	1275.9	1201.5	1127.2	1036.4	945.5	858.8	780.4	701.9	640.0	602.8	569.8
-72.5°	929.0	896.0	858.8	788.6	714.3	660.6	623.5	590.4	545.0	512.0	491.4
-75°	619.4	573.9	516.1	491.4	495.5	487.2	466.6	441.8	421.2	408.8	379.9
-77.5°	483.1	458.3	429.4	400.5	388.1	375.7	359.2	338.6	322.1	293.2	251.9
-80°	445.9	425.3	404.6	384.0	363.4	334.5	301.4	268.4	251.9	239.5	235.4
-82.5°	367.5	342.7	317.9	297.3	268.4	247.7	227.1	210.6	210.6	206.5	202.3
-85°	210.6	202.3	189.9	181.7	173.4	161.0	148.6	140.4	136.3	132.1	128.0
-87.5°	107.4	103.2	95.0	90.8	86.7	82.6	74.3	70.2	66.1	66.1	61.9
-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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CATALOG NUMBER: IFLD-L-SA8A-735-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°	20.6	20.6	16.5	16.5	16.5	12.4	8.3	8.3	4.1	4.1	0.0
85°	49.5	41.3	37.2	33.0	33.0	24.8	16.5	12.4	8.3	4.1	4.1
82.5°	95.0	82.6	70.2	61.9	49.5	37.2	28.9	20.6	12.4	8.3	4.1
80°	107.4	107.4	103.2	86.7	70.2	53.7	37.2	24.8	16.5	12.4	8.3
77.5°	82.6	90.8	90.8	90.8	86.7	66.1	45.4	28.9	16.5	12.4	8.3
75°	95.0	82.6	78.5	82.6	78.5	66.1	53.7	33.0	20.6	16.5	8.3
72.5°	115.6	99.1	86.7	82.6	74.3	61.9	49.5	37.2	20.6	16.5	12.4
70°	107.4	103.2	95.0	86.7	74.3	61.9	49.5	37.2	24.8	16.5	12.4
67.5°	95.0	95.0	95.0	86.7	74.3	57.8	45.4	33.0	24.8	16.5	12.4
65°	66.1	78.5	86.7	82.6	74.3	57.8	45.4	33.0	24.8	20.6	12.4
62.5°	41.3	53.7	70.2	78.5	70.2	57.8	41.3	33.0	24.8	20.6	12.4
60°	37.2	41.3	49.5	61.9	66.1	53.7	41.3	28.9	24.8	20.6	12.4
57.5°	37.2	37.2	41.3	49.5	53.7	49.5	37.2	24.8	24.8	20.6	16.5
55°	41.3	37.2	37.2	41.3	45.4	45.4	37.2	24.8	24.8	20.6	16.5
52.5°	49.5	41.3	37.2	37.2	37.2	41.3	33.0	24.8	24.8	20.6	16.5
50°	61.9	49.5	45.4	37.2	37.2	37.2	33.0	24.8	20.6	20.6	16.5
47.5°	82.6	66.1	49.5	45.4	37.2	33.0	28.9	24.8	20.6	20.6	16.5
45°	123.9	78.5	66.1	49.5	41.3	37.2	33.0	24.8	20.6	20.6	16.5
42.5°	169.3	115.6	82.6	57.8	45.4	37.2	33.0	28.9	20.6	20.6	16.5
40°	214.7	156.9	103.2	74.3	53.7	41.3	33.0	28.9	24.8	20.6	16.5
37.5°	264.3	194.1	136.3	95.0	61.9	45.4	37.2	28.9	24.8	20.6	16.5
35°	326.2	243.6	169.3	115.6	74.3	53.7	41.3	28.9	24.8	20.6	16.5
32.5°	396.4	289.0	202.3	140.4	95.0	66.1	45.4	33.0	24.8	20.6	16.5
30°	462.4	342.7	239.5	169.3	115.6	74.3	49.5	33.0	24.8	20.6	12.4
27.5°	528.5	396.4	284.9	198.2	140.4	86.7	53.7	37.2	24.8	20.6	16.5
25°	594.6	450.1	330.3	227.1	161.0	103.2	66.1	41.3	24.8	20.6	16.5
22.5°	652.4	503.7	371.6	260.1	185.8	119.7	74.3	45.4	28.9	20.6	16.5
20°	718.4	561.5	417.0	297.3	206.5	136.3	82.6	49.5	28.9	20.6	16.5
17.5°	780.4	619.4	462.4	330.3	231.2	152.8	95.0	53.7	33.0	20.6	16.5
15°	842.3	673.0	503.7	363.4	256.0	169.3	103.2	57.8	37.2	20.6	16.5
12.5°	900.1	722.6	540.9	392.3	276.6	185.8	111.5	61.9	41.3	20.6	16.5
10°	953.8	768.0	578.1	417.0	297.3	198.2	119.7	70.2	45.4	20.6	16.5
7.5°	1007.5	805.2	607.0	441.8	322.1	214.7	128.0	74.3	49.5	24.8	16.5
5°	1040.5	838.2	631.7	462.4	342.7	231.2	136.3	78.5	53.7	24.8	16.5
2.5°	1069.4	863.0	648.3	483.1	363.4	243.6	136.3	82.6	57.8	24.8	16.5
0°	1085.9	879.5	660.6	495.5	379.9	251.9	140.4	86.7	61.9	24.8	16.5
-2.5°	1123.1	908.4	689.5	512.0	396.4	276.6	148.6	90.8	66.1	28.9	16.5
-5°	1147.9	924.9	710.2	528.5	408.8	301.4	161.0	99.1	74.3	37.2	20.6
-7.5°	1168.5	941.4	726.7	536.8	421.2	309.7	165.2	103.2	78.5	41.3	20.6
-10°	1172.6	949.7	739.1	549.2	429.4	322.1	169.3	107.4	82.6	45.4	20.6
-12.5°	1176.8	957.9	743.2	557.4	437.7	330.3	173.4	111.5	86.7	49.5	20.6
-15°	1172.6	953.8	743.2	565.7	441.8	322.1	181.7	115.6	90.8	53.7	20.6
-17.5°	1164.4	949.7	739.1	561.5	437.7	313.8	185.8	123.9	90.8	57.8	24.8
-20°	1152.0	937.3	730.8	557.4	433.5	305.5	189.9	128.0	95.0	57.8	24.8

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CATALOG NUMBER: IFLD-L-SA8A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1131.4	916.6	714.3	545.0	425.3	297.3	189.9	136.3	99.1	57.8	24.8
-25°	1106.6	896.0	697.8	528.5	412.9	284.9	189.9	140.4	103.2	57.8	24.8
-27.5°	1077.7	875.4	673.0	516.1	396.4	276.6	189.9	144.5	107.4	57.8	24.8
-30°	1044.6	846.4	652.4	495.5	384.0	276.6	194.1	148.6	111.5	57.8	24.8
-32.5°	1011.6	817.5	627.6	479.0	367.5	272.5	194.1	152.8	115.6	53.7	28.9
-35°	974.4	784.5	607.0	466.6	355.1	264.3	198.2	152.8	111.5	53.7	28.9
-37.5°	929.0	743.2	586.3	454.2	346.8	256.0	198.2	156.9	107.4	53.7	28.9
-40°	879.5	710.2	561.5	437.7	334.5	251.9	198.2	156.9	103.2	53.7	33.0
-42.5°	825.8	673.0	536.8	421.2	322.1	247.7	198.2	156.9	99.1	53.7	33.0
-45°	776.3	635.9	507.9	400.5	309.7	247.7	198.2	152.8	90.8	57.8	33.0
-47.5°	722.6	594.6	474.8	379.9	305.5	243.6	194.1	144.5	82.6	57.8	33.0
-50°	677.2	553.3	450.1	359.2	297.3	247.7	198.2	132.1	82.6	57.8	33.0
-52.5°	631.7	524.4	421.2	351.0	289.0	251.9	194.1	123.9	82.6	57.8	33.0
-55°	594.6	495.5	404.6	338.6	297.3	260.1	185.8	111.5	82.6	57.8	33.0
-57.5°	565.7	479.0	392.3	342.7	309.7	251.9	173.4	107.4	82.6	53.7	33.0
-60°	545.0	462.4	396.4	359.2	313.8	239.5	165.2	107.4	82.6	53.7	28.9
-62.5°	528.5	466.6	417.0	371.6	297.3	223.0	156.9	107.4	74.3	49.5	28.9
-65°	532.6	483.1	425.3	355.1	284.9	206.5	144.5	103.2	70.2	45.4	28.9
-67.5°	545.0	470.7	400.5	334.5	256.0	185.8	132.1	95.0	66.1	45.4	28.9
-70°	503.7	433.5	363.4	284.9	218.8	161.0	123.9	86.7	57.8	41.3	28.9
-72.5°	454.2	363.4	289.0	231.2	185.8	148.6	111.5	78.5	53.7	37.2	24.8
-75°	330.3	264.3	214.7	194.1	165.2	132.1	99.1	70.2	49.5	37.2	24.8
-77.5°	235.4	218.8	198.2	177.5	148.6	115.6	86.7	66.1	45.4	33.0	20.6
-80°	231.2	210.6	185.8	152.8	123.9	99.1	74.3	57.8	41.3	28.9	16.5
-82.5°	194.1	165.2	140.4	115.6	95.0	78.5	61.9	45.4	33.0	20.6	12.4
-85°	119.7	103.2	90.8	78.5	66.1	53.7	41.3	28.9	20.6	12.4	8.3
-87.5°	57.8	53.7	45.4	37.2	33.0	24.8	20.6	16.5	12.4	8.3	4.1
-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-735-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°	4.1	0.0	0.0	0.0
80°	4.1	0.0	0.0	0.0
77.5°	4.1	0.0	0.0	0.0
75°	4.1	4.1	0.0	0.0
72.5°	4.1	4.1	0.0	0.0
70°	8.3	4.1	4.1	0.0
67.5°	8.3	4.1	4.1	0.0
65°	8.3	4.1	4.1	0.0
62.5°	8.3	4.1	4.1	0.0
60°	8.3	4.1	4.1	0.0
57.5°	8.3	4.1	4.1	0.0
55°	8.3	4.1	4.1	0.0
52.5°	8.3	4.1	4.1	0.0
50°	8.3	4.1	4.1	0.0
47.5°	8.3	8.3	4.1	0.0
45°	8.3	8.3	4.1	0.0
42.5°	8.3	8.3	4.1	0.0
40°	8.3	8.3	4.1	0.0
37.5°	8.3	8.3	4.1	0.0
35°	8.3	8.3	4.1	0.0
32.5°	12.4	8.3	4.1	0.0
30°	12.4	8.3	8.3	0.0
27.5°	12.4	8.3	8.3	0.0
25°	12.4	8.3	8.3	0.0
22.5°	12.4	8.3	8.3	0.0
20°	12.4	8.3	8.3	0.0
17.5°	12.4	8.3	8.3	0.0
15°	12.4	8.3	8.3	0.0
12.5°	12.4	8.3	8.3	0.0
10°	12.4	8.3	8.3	0.0
7.5°	12.4	8.3	8.3	0.0
5°	12.4	8.3	8.3	0.0
2.5°	12.4	8.3	8.3	0.0
0°	12.4	8.3	8.3	0.0
-2.5°	12.4	8.3	8.3	0.0
-5°	12.4	8.3	8.3	0.0
-7.5°	12.4	8.3	8.3	0.0
-10°	12.4	8.3	8.3	0.0
-12.5°	16.5	8.3	8.3	0.0
-15°	16.5	8.3	8.3	0.0
-17.5°	16.5	8.3	8.3	0.0
-20°	16.5	8.3	8.3	0.0

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CATALOG NUMBER: IFLD-L-SA8A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.5	8.3	8.3	0.0
-25°	16.5	8.3	8.3	0.0
-27.5°	16.5	8.3	8.3	0.0
-30°	16.5	8.3	8.3	0.0
-32.5°	16.5	8.3	8.3	0.0
-35°	16.5	8.3	8.3	0.0
-37.5°	16.5	8.3	8.3	0.0
-40°	16.5	8.3	8.3	0.0
-42.5°	12.4	8.3	4.1	0.0
-45°	16.5	8.3	4.1	0.0
-47.5°	16.5	8.3	4.1	0.0
-50°	16.5	8.3	4.1	0.0
-52.5°	16.5	8.3	4.1	0.0
-55°	16.5	8.3	4.1	0.0
-57.5°	16.5	8.3	4.1	0.0
-60°	16.5	8.3	4.1	0.0
-62.5°	16.5	8.3	4.1	0.0
-65°	16.5	8.3	4.1	0.0
-67.5°	16.5	8.3	4.1	0.0
-70°	16.5	4.1	4.1	0.0
-72.5°	12.4	4.1	4.1	0.0
-75°	12.4	4.1	4.1	0.0
-77.5°	8.3	4.1	0.0	0.0
-80°	8.3	4.1	0.0	0.0
-82.5°	8.3	4.1	0.0	0.0
-85°	4.1	0.0	0.0	0.0
-87.5°	4.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)