

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: P723745

Luminaire Tested: **IFLD-L-SA8A-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723745
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	18134.9 lumens	Max Intensity:	426649.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	73.2 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:	6576.4 lumens	Field Lumens:	10484.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

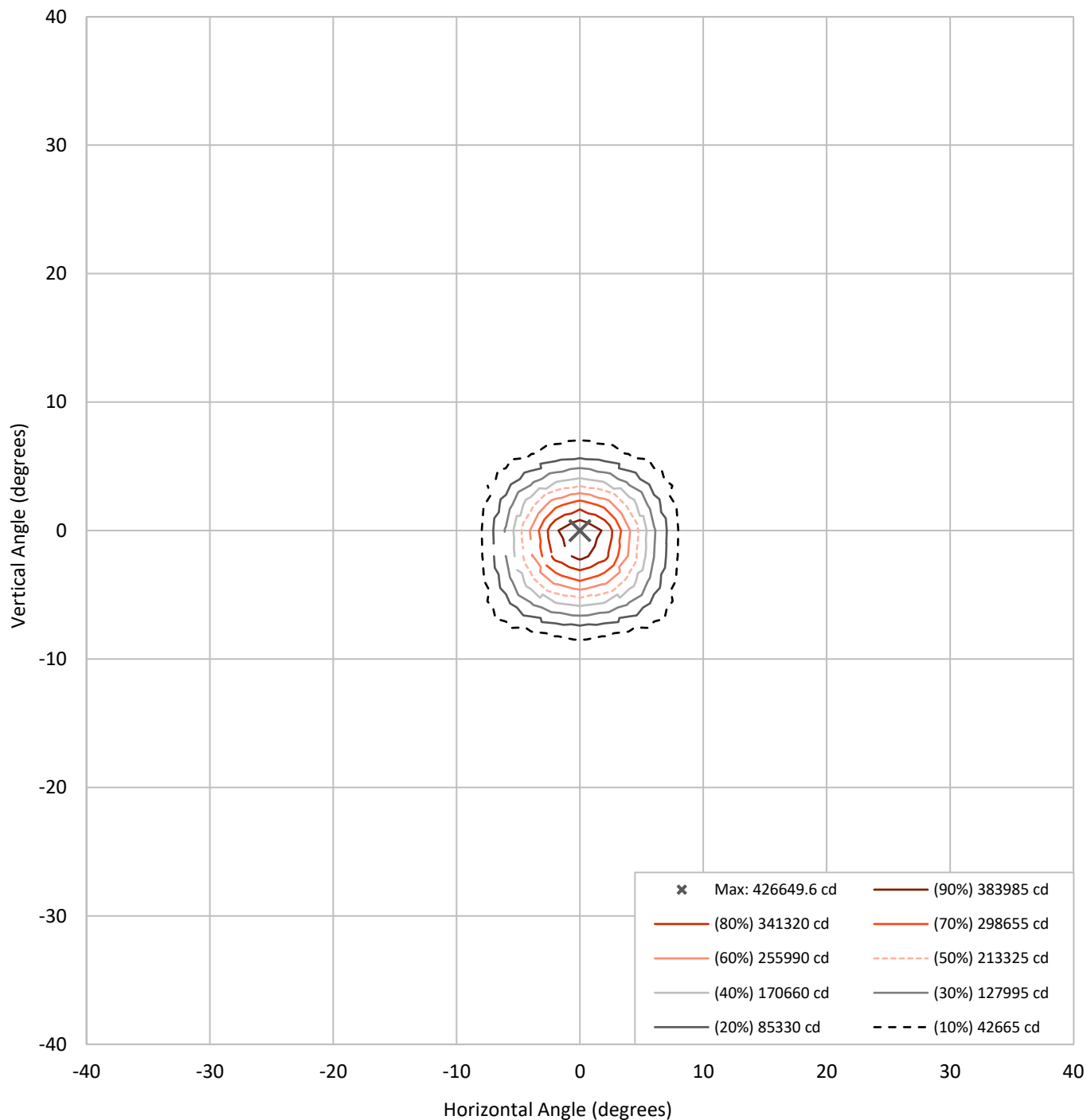
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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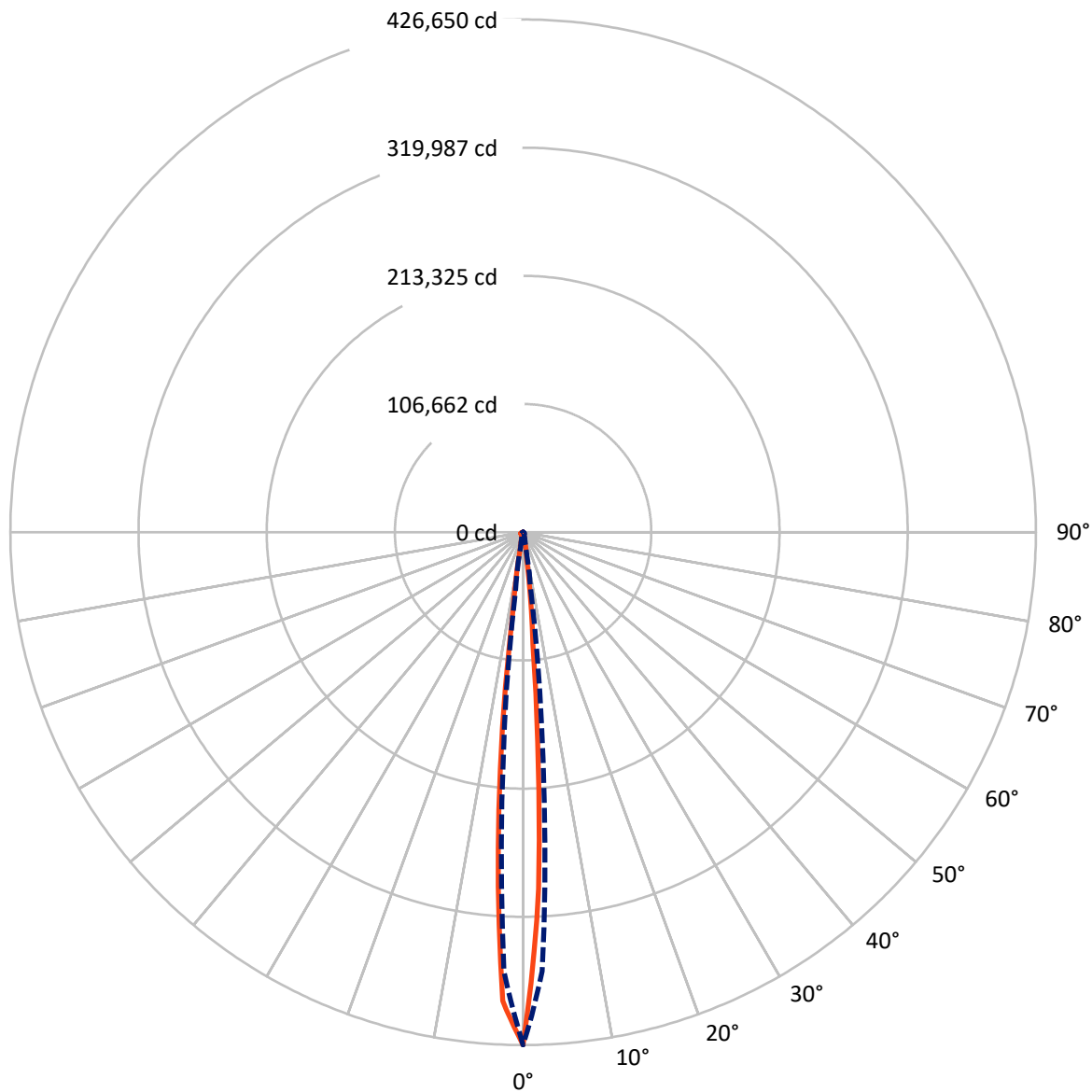
Lumen Table

90																
80	0.3	4.0		4.4		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	4.7	7.6	9.8	11.3	11.3	9.8	7.6	4.7	2.1	0.8	0.6	
50	0.5	0.6	2.5	8.3	16.3	23.8	28.6	31.7	31.7	28.6	23.8	16.3	8.3	2.5	0.6	0.5
40		1.2	6.3	17.0	27.6	32.4	35.0	36.2	36.2	35.0	32.4	27.6	17.0	6.3	1.2	
30	0.7	2.4	10.7	24.7	32.0	32.9	38.8	46.8	46.8	38.8	32.9	32.0	24.7	10.7	2.4	0.7
20		3.7	15.1	30.3	34.1	38.4	67.5	115.1	115.1	67.5	38.4	34.1	30.3	15.1	3.7	
10	1.2	4.8	18.5	33.3	35.3	47.4	128.5	2380.7	2380.7	128.5	47.4	35.3	33.3	18.5	4.8	1.2
0		5.6	20.2	35.0	36.6	49.1	138.4	3471.2	3471.2	138.4	49.1	36.6	35.0	20.2	5.6	
-10	1.7	6.0	20.8	36.9	39.7	44.2	80.5	154.4	154.4	80.5	44.2	39.7	36.9	20.8	6.0	1.7
-20		5.6	19.7	37.3	44.5	44.6	52.1	63.6	63.6	52.1	44.6	44.5	37.3	19.7	5.6	
-30	1.9	5.0	17.4	35.7	49.0	53.4	55.5	56.0	56.0	55.5	53.4	49.0	35.7	17.4	5.0	1.9
-40		4.4	14.0	30.3	47.2	57.4	64.3	67.5	67.5	64.3	57.4	47.2	30.3	14.0	4.4	
-50	1.5	4.0	10.8	23.5	40.3	54.1	62.8	66.4	66.4	62.8	54.1	40.3	23.5	10.8	4.0	1.5
-60		3.7	9.5	19.1	33.6	47.3	57.2	61.8	61.8	57.2	47.3	33.6	19.1	9.5	3.7	
-70	0.7	11.2		33.4		61.9		68.3		61.9		33.4		11.2		0.7
-80																
-90	Horizontal Angle (degrees)															

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Luminous Intensity Polar Plot



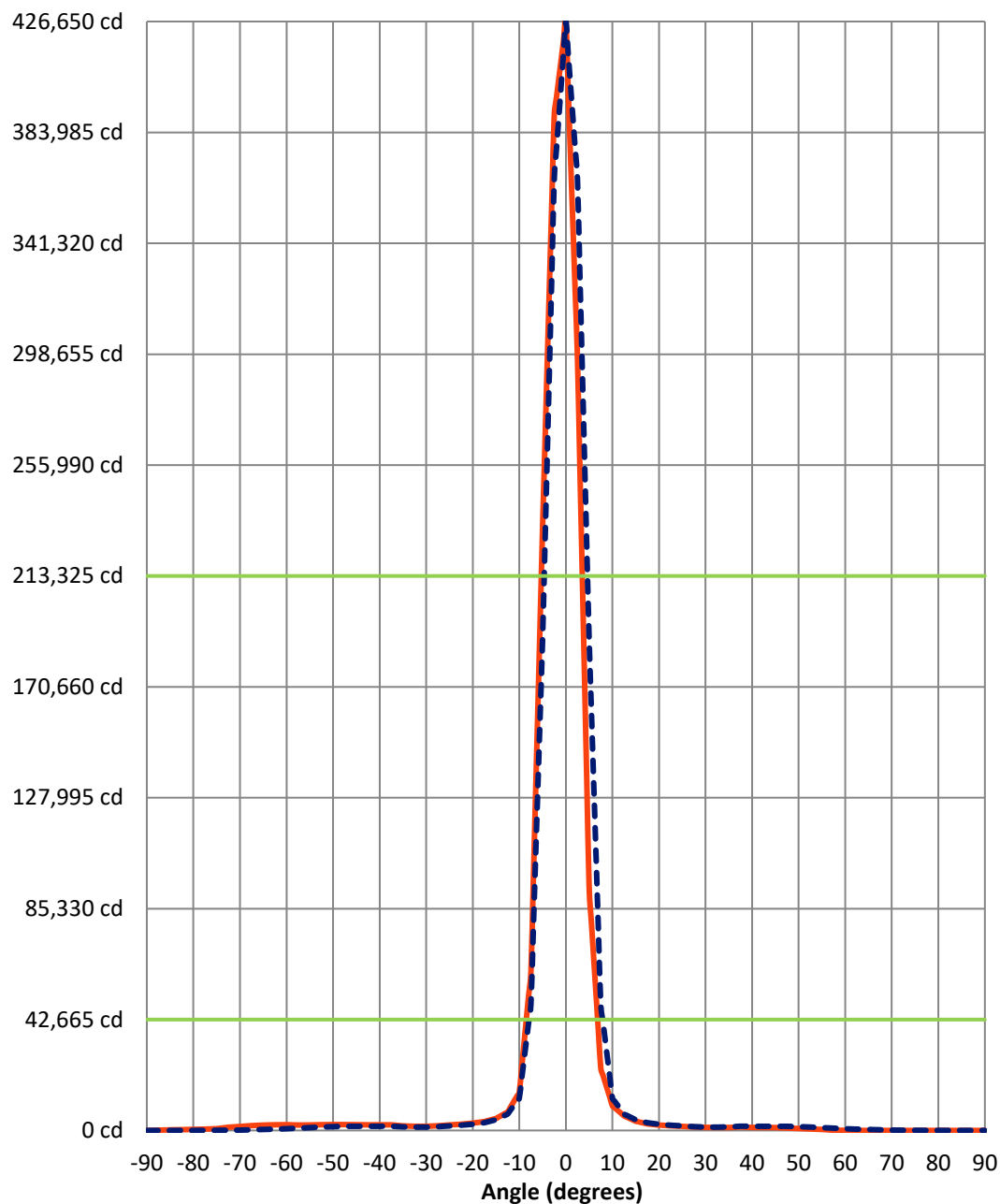
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6576.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10484.1

Efficiency: 57.8%

Spill:

Lumens: 7650.7

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	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	8.4	8.4	8.4	12.6	16.7	20.9	20.9	25.1
82.5°	0.0	4.2	4.2	8.4	8.4	12.6	12.6	20.9	25.1	29.3	37.7
80°	4.2	4.2	4.2	8.4	8.4	12.6	12.6	16.7	20.9	29.3	33.5
77.5°	0.0	4.2	4.2	4.2	8.4	8.4	8.4	12.6	16.7	20.9	25.1
75°	0.0	4.2	4.2	4.2	8.4	8.4	8.4	8.4	12.6	12.6	16.7
72.5°	0.0	0.0	0.0	4.2	4.2	8.4	8.4	8.4	12.6	12.6	12.6
70°	0.0	0.0	0.0	4.2	4.2	8.4	8.4	8.4	12.6	12.6	12.6
67.5°	0.0	0.0	0.0	4.2	4.2	8.4	8.4	8.4	12.6	12.6	12.6
65°	0.0	0.0	0.0	4.2	4.2	8.4	8.4	12.6	12.6	12.6	12.6
62.5°	4.2	4.2	4.2	8.4	12.6	12.6	16.7	20.9	20.9	20.9	20.9
60°	41.9	46.1	50.2	50.2	46.1	46.1	50.2	50.2	50.2	50.2	50.2
57.5°	113.0	121.4	125.6	125.6	125.6	121.4	138.2	142.3	125.6	117.2	129.8
55°	393.5	406.1	397.7	385.1	360.0	330.7	322.4	318.2	322.4	301.4	267.9
52.5°	573.5	586.1	581.9	573.5	556.8	535.9	519.1	502.4	485.6	452.1	414.5
50°	745.2	749.4	745.2	736.8	720.1	699.1	665.6	628.0	594.5	586.1	552.6
47.5°	937.7	950.3	950.3	946.1	933.6	895.9	845.6	791.2	766.1	757.7	724.2
45°	1109.4	1117.8	1121.9	1126.1	1121.9	1084.3	1038.2	1008.9	954.5	937.7	937.7
42.5°	1155.4	1159.6	1163.8	1168.0	1180.6	1151.3	1113.6	1063.3	1050.8	1046.6	1038.2
40°	1172.2	1163.8	1168.0	1172.2	1176.4	1155.4	1126.1	1096.8	1088.5	1080.1	1080.1
37.5°	1331.3	1293.6	1264.3	1239.2	1218.2	1197.3	1168.0	1142.9	1121.9	1105.2	1121.9
35°	1134.5	1134.5	1163.8	1188.9	1214.0	1239.2	1243.4	1214.0	1168.0	1147.1	1176.4
32.5°	1159.6	1159.6	1159.6	1168.0	1176.4	1197.3	1218.2	1230.8	1264.3	1226.6	1226.6
30°	1184.7	1188.9	1197.3	1201.5	1188.9	1180.6	1172.2	1172.2	1193.1	1247.5	1276.8
27.5°	1331.3	1331.3	1318.7	1302.0	1264.3	1205.7	1176.4	1134.5	1138.7	1163.8	1235.0
25°	1569.9	1561.5	1532.2	1490.3	1423.4	1339.6	1260.1	1172.2	1134.5	1121.9	1151.3
22.5°	1796.0	1783.4	1745.7	1708.0	1653.6	1569.9	1435.9	1302.0	1184.7	1134.5	1121.9
20°	2084.8	2055.5	2013.6	1955.0	1867.1	1783.4	1666.2	1490.3	1318.7	1188.9	1138.7
17.5°	2549.5	2511.8	2432.3	2327.6	2176.9	2047.1	1879.7	1712.2	1519.7	1310.3	1197.3
15°	3566.8	3470.5	3332.3	3043.5	2746.3	2499.3	2248.1	1967.6	1770.8	1494.5	1322.9
12.5°	5609.7	5346.0	4944.1	4270.1	3604.5	3030.9	2624.9	2264.8	1946.7	1691.3	1448.5
10°	9494.7	8929.5	7820.1	5978.1	4751.5	3696.6	2968.1	2486.7	2084.8	1821.1	1553.1
7.5°	24013.0	19588.0	13861.1	9465.4	6216.8	4517.1	3395.1	2696.0	2231.3	1904.8	1636.9
5°	93590.5	77096.2	41126.9	17164.1	9352.3	5463.2	3780.3	2863.5	2327.6	1967.6	1699.7
2.5°	297027.1	256503.0	134575.0	36948.9	11483.2	6154.0	4044.0	2968.1	2382.0	2013.6	1745.7
0°	426649.6	365654.2	188868.0	48595.4	12454.4	6329.8	4127.8	2989.1	2390.4	2022.0	1745.7
-2.5°	390311.9	341599.3	182446.1	45221.2	12726.6	6380.0	4194.7	3060.2	2453.2	2059.7	1758.3
-5°	231920.6	203428.2	127269.8	32243.4	11307.4	5923.7	4018.9	2997.4	2411.3	2038.8	1749.9
-7.5°	61104.2	52899.0	34797.1	16825.0	7317.8	5011.1	3692.4	2892.8	2356.9	2001.1	1716.4
-10°	14731.8	13961.5	12471.2	7644.3	5697.6	4186.4	3273.7	2704.4	2248.1	1950.8	1662.0
-12.5°	7104.3	6936.8	6296.3	5191.1	4228.2	3478.9	2963.9	2507.6	2147.6	1862.9	1586.6
-15°	4621.8	4525.5	4307.8	3885.0	3395.1	3035.1	2675.1	2306.7	2022.0	1733.2	1523.8
-17.5°	3420.3	3416.1	3307.2	3148.1	2905.3	2637.4	2373.7	2139.2	1862.9	1615.9	1456.9
-20°	2834.2	2834.2	2771.4	2666.7	2495.1	2319.2	2143.4	1925.7	1699.7	1515.5	1448.5

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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°	2407.2	2411.3	2377.9	2310.9	2218.8	2072.3	1900.6	1724.8	1561.5	1494.5	1473.6
-25°	2130.9	2122.5	2084.8	2022.0	1925.7	1808.5	1695.5	1578.3	1532.2	1515.5	1544.8
-27.5°	1804.3	1816.9	1800.1	1770.8	1708.0	1624.3	1599.2	1565.7	1574.1	1599.2	1712.2
-30°	1611.8	1624.3	1641.1	1653.6	1632.7	1611.8	1620.1	1645.2	1699.7	1796.0	1837.8
-32.5°	1611.8	1615.9	1641.1	1666.2	1678.7	1695.5	1741.5	1825.3	1904.8	1879.7	1871.3
-35°	1758.3	1745.7	1779.2	1812.7	1858.7	1917.4	1967.6	1950.8	1921.5	1913.2	1921.5
-37.5°	2176.9	2097.4	2063.9	2042.9	2030.4	2022.0	2009.5	1996.9	1984.3	1976.0	1988.5
-40°	2172.7	2151.8	2130.9	2114.1	2101.6	2084.8	2076.4	2072.3	2059.7	2051.3	2042.9
-42.5°	2164.4	2172.7	2172.7	2168.5	2172.7	2168.5	2156.0	2139.2	2118.3	2101.6	2084.8
-45°	2227.1	2231.3	2239.7	2248.1	2260.6	2243.9	2218.8	2189.5	2160.2	2135.0	2114.1
-47.5°	2264.8	2269.0	2277.4	2289.9	2298.3	2281.6	2248.1	2210.4	2164.4	2122.5	2080.6
-50°	2277.4	2289.9	2294.1	2294.1	2289.9	2269.0	2218.8	2164.4	2114.1	2072.3	2034.6
-52.5°	2218.8	2231.3	2235.5	2227.1	2223.0	2202.0	2156.0	2105.7	2051.3	2022.0	1988.5
-55°	2122.5	2139.2	2151.8	2151.8	2151.8	2147.6	2105.7	2059.7	2017.8	1984.3	1950.8
-57.5°	2084.8	2114.1	2139.2	2143.4	2147.6	2151.8	2122.5	2076.4	2026.2	1976.0	1934.1
-60°	2223.0	2248.1	2260.6	2243.9	2231.3	2218.8	2172.7	2118.3	2068.1	2017.8	1938.3
-62.5°	2185.3	2227.1	2248.1	2235.5	2218.8	2197.8	2147.6	2084.8	2026.2	1971.8	1892.2
-65°	2063.9	2101.6	2126.7	2105.7	2080.6	2051.3	2005.3	1946.7	1892.2	1837.8	1766.6
-67.5°	1858.7	1913.2	1955.0	1909.0	1875.5	1837.8	1800.1	1749.9	1695.5	1632.7	1565.7
-70°	1536.4	1578.3	1615.9	1603.4	1595.0	1586.6	1561.5	1511.3	1465.2	1415.0	1356.4
-72.5°	1235.0	1272.7	1306.1	1285.2	1268.5	1243.4	1205.7	1151.3	1096.8	1042.4	988.0
-75°	682.4	694.9	707.5	703.3	703.3	703.3	703.3	707.5	699.1	686.6	661.4
-77.5°	523.3	540.0	552.6	561.0	573.5	590.3	602.8	581.9	561.0	540.0	514.9
-80°	410.3	427.0	439.6	485.6	519.1	556.8	581.9	552.6	523.3	498.2	477.2
-82.5°	309.8	322.4	334.9	360.0	376.8	397.7	414.5	414.5	410.3	406.1	393.5
-85°	226.1	242.8	259.6	267.9	280.5	280.5	284.7	267.9	251.2	238.6	221.9
-87.5°	129.8	134.0	134.0	134.0	138.2	138.2	138.2	129.8	125.6	117.2	113.0
-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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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	8.4	8.4	12.6	12.6	16.7	16.7	20.9	20.9
85°	25.1	25.1	25.1	29.3	29.3	33.5	37.7	41.9	46.1	46.1	50.2
82.5°	41.9	46.1	50.2	54.4	58.6	62.8	67.0	71.2	83.7	92.1	96.3
80°	41.9	46.1	58.6	67.0	75.4	83.7	83.7	83.7	83.7	87.9	96.3
77.5°	29.3	33.5	37.7	46.1	67.0	83.7	96.3	104.7	96.3	92.1	83.7
75°	16.7	20.9	25.1	29.3	41.9	58.6	79.5	100.5	117.2	113.0	104.7
72.5°	16.7	16.7	20.9	25.1	29.3	33.5	37.7	58.6	83.7	104.7	117.2
70°	16.7	20.9	20.9	25.1	29.3	33.5	37.7	46.1	58.6	83.7	108.8
67.5°	16.7	20.9	20.9	29.3	37.7	41.9	46.1	41.9	37.7	54.4	79.5
65°	16.7	16.7	20.9	25.1	29.3	33.5	46.1	46.1	41.9	41.9	41.9
62.5°	25.1	25.1	25.1	25.1	29.3	29.3	29.3	37.7	37.7	37.7	37.7
60°	50.2	46.1	46.1	46.1	46.1	37.7	37.7	37.7	33.5	37.7	33.5
57.5°	121.4	100.5	92.1	92.1	79.5	75.4	62.8	46.1	46.1	37.7	37.7
55°	247.0	234.4	196.8	163.3	146.5	129.8	100.5	83.7	62.8	50.2	46.1
52.5°	381.0	347.5	314.0	272.1	230.3	196.8	167.5	129.8	104.7	75.4	58.6
50°	498.2	468.9	431.2	385.1	330.7	288.9	247.0	196.8	154.9	117.2	83.7
47.5°	678.2	619.6	573.5	519.1	456.3	397.7	343.3	284.7	217.7	171.6	129.8
45°	870.8	787.0	724.2	674.0	590.3	510.7	447.9	385.1	305.6	226.1	175.8
42.5°	1004.7	941.9	858.2	791.2	715.9	632.1	548.4	481.4	397.7	305.6	226.1
40°	1075.9	1034.0	967.1	908.4	828.9	736.8	648.9	581.9	494.0	393.5	284.7
37.5°	1130.3	1109.4	1075.9	1029.8	954.5	845.6	757.7	678.2	602.8	485.6	368.4
35°	1193.1	1188.9	1168.0	1147.1	1084.3	979.6	875.0	782.9	690.8	581.9	452.1
32.5°	1251.7	1247.5	1235.0	1226.6	1201.5	1109.4	996.4	891.7	787.0	674.0	531.7
30°	1281.0	1272.7	1272.7	1281.0	1255.9	1197.3	1113.6	1000.5	883.3	749.4	615.4
27.5°	1281.0	1272.7	1276.8	1289.4	1285.2	1255.9	1193.1	1101.0	971.2	820.5	690.8
25°	1226.6	1268.5	1268.5	1285.2	1289.4	1281.0	1247.5	1188.9	1055.0	895.9	749.4
22.5°	1151.3	1251.7	1289.4	1285.2	1289.4	1310.3	1314.5	1260.1	1134.5	971.2	808.0
20°	1151.3	1222.4	1331.3	1302.0	1310.3	1356.4	1377.3	1331.3	1218.2	1042.4	866.6
17.5°	1176.4	1222.4	1314.5	1360.6	1373.1	1410.8	1444.3	1415.0	1293.6	1117.8	946.1
15°	1247.5	1239.2	1302.0	1415.0	1435.9	1465.2	1502.9	1469.4	1360.6	1201.5	1021.5
12.5°	1297.8	1251.7	1302.0	1423.4	1490.3	1519.7	1532.2	1507.1	1419.2	1276.8	1096.8
10°	1364.8	1285.2	1310.3	1415.0	1511.3	1532.2	1544.8	1536.4	1473.6	1339.6	1163.8
7.5°	1415.0	1302.0	1302.0	1402.4	1532.2	1549.0	1557.3	1565.7	1519.7	1394.1	1222.4
5°	1435.9	1302.0	1293.6	1389.9	1553.1	1569.9	1569.9	1582.4	1553.1	1435.9	1264.3
2.5°	1440.1	1297.8	1285.2	1381.5	1590.8	1590.8	1582.4	1595.0	1578.3	1461.0	1293.6
0°	1461.0	1293.6	1281.0	1394.1	1632.7	1615.9	1595.0	1599.2	1590.8	1473.6	1310.3
-2.5°	1461.0	1314.5	1297.8	1402.4	1628.5	1624.3	1615.9	1620.1	1611.8	1511.3	1343.8
-5°	1482.0	1343.8	1327.1	1440.1	1624.3	1636.9	1641.1	1641.1	1628.5	1536.4	1364.8
-7.5°	1486.2	1364.8	1360.6	1477.8	1632.7	1653.6	1666.2	1674.5	1649.4	1553.1	1381.5
-10°	1465.2	1373.1	1394.1	1523.8	1641.1	1670.4	1695.5	1708.0	1666.2	1561.5	1389.9
-12.5°	1419.2	1373.1	1427.6	1582.4	1662.0	1695.5	1733.2	1737.3	1682.9	1565.7	1394.1
-15°	1415.0	1406.6	1486.2	1641.1	1674.5	1716.4	1775.0	1762.5	1695.5	1565.7	1394.1
-17.5°	1410.8	1452.7	1574.1	1662.0	1695.5	1741.5	1787.6	1775.0	1703.9	1565.7	1385.7
-20°	1448.5	1528.0	1678.7	1682.9	1720.6	1770.8	1796.0	1770.8	1691.3	1553.1	1373.1

REPORT NUMBER: P723745

CATALOG NUMBER: IFLD-L-SA8A-740-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°	1511.3	1662.0	1712.2	1729.0	1762.5	1800.1	1812.7	1775.0	1678.7	1532.2	1352.2
-25°	1670.4	1745.7	1745.7	1783.4	1816.9	1833.6	1821.1	1779.2	1662.0	1511.3	1331.3
-27.5°	1791.8	1787.6	1808.5	1846.2	1875.5	1875.5	1842.0	1758.3	1636.9	1490.3	1302.0
-30°	1837.8	1842.0	1871.3	1913.2	1921.5	1900.6	1850.4	1741.5	1615.9	1456.9	1264.3
-32.5°	1883.9	1900.6	1938.3	1959.2	1963.4	1921.5	1829.4	1712.2	1582.4	1419.2	1222.4
-35°	1938.3	1971.8	1992.7	1996.9	1976.0	1904.8	1800.1	1674.5	1532.2	1364.8	1184.7
-37.5°	2009.5	2026.2	2038.8	2022.0	1963.4	1879.7	1749.9	1624.3	1486.2	1306.1	1130.3
-40°	2055.5	2063.9	2068.1	2013.6	1942.5	1821.1	1695.5	1565.7	1406.6	1239.2	1071.7
-42.5°	2084.8	2076.4	2042.9	1984.3	1879.7	1762.5	1641.1	1494.5	1335.5	1172.2	1008.9
-45°	2076.4	2047.1	1996.9	1925.7	1816.9	1699.7	1557.3	1410.8	1260.1	1101.0	937.7
-47.5°	2042.9	1996.9	1934.1	1850.4	1749.9	1607.6	1465.2	1322.9	1176.4	1021.5	870.8
-50°	2001.1	1946.7	1871.3	1766.6	1632.7	1502.9	1373.1	1235.0	1084.3	941.9	808.0
-52.5°	1955.0	1896.4	1800.1	1682.9	1536.4	1402.4	1276.8	1142.9	1004.7	870.8	753.5
-55°	1904.8	1846.2	1737.3	1603.4	1456.9	1310.3	1188.9	1075.9	941.9	812.2	707.5
-57.5°	1879.7	1804.3	1691.3	1557.3	1402.4	1251.7	1147.1	1025.7	904.3	770.3	669.8
-60°	1858.7	1783.4	1678.7	1523.8	1377.3	1235.0	1113.6	996.4	866.6	741.0	640.5
-62.5°	1800.1	1720.6	1624.3	1473.6	1331.3	1201.5	1092.6	954.5	828.9	711.7	619.6
-65°	1682.9	1599.2	1515.5	1381.5	1251.7	1130.3	1021.5	895.9	778.7	678.2	598.7
-67.5°	1498.7	1427.6	1352.2	1239.2	1130.3	1021.5	921.0	812.2	715.9	644.7	602.8
-70°	1293.6	1218.2	1142.9	1050.8	958.7	870.8	791.2	711.7	648.9	611.2	577.7
-72.5°	941.9	908.4	870.8	799.6	724.2	669.8	632.1	598.7	552.6	519.1	498.2
-75°	628.0	581.9	523.3	498.2	502.4	494.0	473.1	447.9	427.0	414.5	385.1
-77.5°	489.8	464.7	435.4	406.1	393.5	381.0	364.2	343.3	326.5	297.2	255.4
-80°	452.1	431.2	410.3	389.3	368.4	339.1	305.6	272.1	255.4	242.8	238.6
-82.5°	372.6	347.5	322.4	301.4	272.1	251.2	230.3	213.5	213.5	209.3	205.1
-85°	213.5	205.1	192.6	184.2	175.8	163.3	150.7	142.3	138.2	134.0	129.8
-87.5°	108.8	104.7	96.3	92.1	87.9	83.7	75.4	71.2	67.0	67.0	62.8
-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-740-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°	20.9	20.9	16.7	16.7	16.7	12.6	8.4	8.4	4.2	4.2	0.0
85°	50.2	41.9	37.7	33.5	33.5	25.1	16.7	12.6	8.4	4.2	4.2
82.5°	96.3	83.7	71.2	62.8	50.2	37.7	29.3	20.9	12.6	8.4	4.2
80°	108.8	108.8	104.7	87.9	71.2	54.4	37.7	25.1	16.7	12.6	8.4
77.5°	83.7	92.1	92.1	92.1	87.9	67.0	46.1	29.3	16.7	12.6	8.4
75°	96.3	83.7	79.5	83.7	79.5	67.0	54.4	33.5	20.9	16.7	8.4
72.5°	117.2	100.5	87.9	83.7	75.4	62.8	50.2	37.7	20.9	16.7	12.6
70°	108.8	104.7	96.3	87.9	75.4	62.8	50.2	37.7	25.1	16.7	12.6
67.5°	96.3	96.3	96.3	87.9	75.4	58.6	46.1	33.5	25.1	16.7	12.6
65°	67.0	79.5	87.9	83.7	75.4	58.6	46.1	33.5	25.1	20.9	12.6
62.5°	41.9	54.4	71.2	79.5	71.2	58.6	41.9	33.5	25.1	20.9	12.6
60°	37.7	41.9	50.2	62.8	67.0	54.4	41.9	29.3	25.1	20.9	12.6
57.5°	37.7	37.7	41.9	50.2	54.4	50.2	37.7	25.1	25.1	20.9	16.7
55°	41.9	37.7	37.7	41.9	46.1	46.1	37.7	25.1	25.1	20.9	16.7
52.5°	50.2	41.9	37.7	37.7	37.7	41.9	33.5	25.1	25.1	20.9	16.7
50°	62.8	50.2	46.1	37.7	37.7	37.7	33.5	25.1	20.9	20.9	16.7
47.5°	83.7	67.0	50.2	46.1	37.7	33.5	29.3	25.1	20.9	20.9	16.7
45°	125.6	79.5	67.0	50.2	41.9	37.7	33.5	25.1	20.9	20.9	16.7
42.5°	171.6	117.2	83.7	58.6	46.1	37.7	33.5	29.3	20.9	20.9	16.7
40°	217.7	159.1	104.7	75.4	54.4	41.9	33.5	29.3	25.1	20.9	16.7
37.5°	267.9	196.8	138.2	96.3	62.8	46.1	37.7	29.3	25.1	20.9	16.7
35°	330.7	247.0	171.6	117.2	75.4	54.4	41.9	29.3	25.1	20.9	16.7
32.5°	401.9	293.0	205.1	142.3	96.3	67.0	46.1	33.5	25.1	20.9	16.7
30°	468.9	347.5	242.8	171.6	117.2	75.4	50.2	33.5	25.1	20.9	12.6
27.5°	535.9	401.9	288.9	200.9	142.3	87.9	54.4	37.7	25.1	20.9	16.7
25°	602.8	456.3	334.9	230.3	163.3	104.7	67.0	41.9	25.1	20.9	16.7
22.5°	661.4	510.7	376.8	263.7	188.4	121.4	75.4	46.1	29.3	20.9	16.7
20°	728.4	569.3	422.8	301.4	209.3	138.2	83.7	50.2	29.3	20.9	16.7
17.5°	791.2	628.0	468.9	334.9	234.4	154.9	96.3	54.4	33.5	20.9	16.7
15°	854.0	682.4	510.7	368.4	259.6	171.6	104.7	58.6	37.7	20.9	16.7
12.5°	912.6	732.6	548.4	397.7	280.5	188.4	113.0	62.8	41.9	20.9	16.7
10°	967.1	778.7	586.1	422.8	301.4	200.9	121.4	71.2	46.1	20.9	16.7
7.5°	1021.5	816.3	615.4	447.9	326.5	217.7	129.8	75.4	50.2	25.1	16.7
5°	1055.0	849.8	640.5	468.9	347.5	234.4	138.2	79.5	54.4	25.1	16.7
2.5°	1084.3	875.0	657.3	489.8	368.4	247.0	138.2	83.7	58.6	25.1	16.7
0°	1101.0	891.7	669.8	502.4	385.1	255.4	142.3	87.9	62.8	25.1	16.7
-2.5°	1138.7	921.0	699.1	519.1	401.9	280.5	150.7	92.1	67.0	29.3	16.7
-5°	1163.8	937.7	720.1	535.9	414.5	305.6	163.3	100.5	75.4	37.7	20.9
-7.5°	1184.7	954.5	736.8	544.2	427.0	314.0	167.5	104.7	79.5	41.9	20.9
-10°	1188.9	962.9	749.4	556.8	435.4	326.5	171.6	108.8	83.7	46.1	20.9
-12.5°	1193.1	971.2	753.5	565.2	443.8	334.9	175.8	113.0	87.9	50.2	20.9
-15°	1188.9	967.1	753.5	573.5	447.9	326.5	184.2	117.2	92.1	54.4	20.9
-17.5°	1180.6	962.9	749.4	569.3	443.8	318.2	188.4	125.6	92.1	58.6	25.1
-20°	1168.0	950.3	741.0	565.2	439.6	309.8	192.6	129.8	96.3	58.6	25.1



REPORT NUMBER: P723745

CATALOG NUMBER: IFLD-L-SA8A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1147.1	929.4	724.2	552.6	431.2	301.4	192.6	138.2	100.5	58.6	25.1
-25°	1121.9	908.4	707.5	535.9	418.6	288.9	192.6	142.3	104.7	58.6	25.1
-27.5°	1092.6	887.5	682.4	523.3	401.9	280.5	192.6	146.5	108.8	58.6	25.1
-30°	1059.2	858.2	661.4	502.4	389.3	280.5	196.8	150.7	113.0	58.6	25.1
-32.5°	1025.7	828.9	636.3	485.6	372.6	276.3	196.8	154.9	117.2	54.4	29.3
-35°	988.0	795.4	615.4	473.1	360.0	267.9	200.9	154.9	113.0	54.4	29.3
-37.5°	941.9	753.5	594.5	460.5	351.7	259.6	200.9	159.1	108.8	54.4	29.3
-40°	891.7	720.1	569.3	443.8	339.1	255.4	200.9	159.1	104.7	54.4	33.5
-42.5°	837.3	682.4	544.2	427.0	326.5	251.2	200.9	159.1	100.5	54.4	33.5
-45°	787.0	644.7	514.9	406.1	314.0	251.2	200.9	154.9	92.1	58.6	33.5
-47.5°	732.6	602.8	481.4	385.1	309.8	247.0	196.8	146.5	83.7	58.6	33.5
-50°	686.6	561.0	456.3	364.2	301.4	251.2	200.9	134.0	83.7	58.6	33.5
-52.5°	640.5	531.7	427.0	355.8	293.0	255.4	196.8	125.6	83.7	58.6	33.5
-55°	602.8	502.4	410.3	343.3	301.4	263.7	188.4	113.0	83.7	58.6	33.5
-57.5°	573.5	485.6	397.7	347.5	314.0	255.4	175.8	108.8	83.7	54.4	33.5
-60°	552.6	468.9	401.9	364.2	318.2	242.8	167.5	108.8	83.7	54.4	29.3
-62.5°	535.9	473.1	422.8	376.8	301.4	226.1	159.1	108.8	75.4	50.2	29.3
-65°	540.0	489.8	431.2	360.0	288.9	209.3	146.5	104.7	71.2	46.1	29.3
-67.5°	552.6	477.2	406.1	339.1	259.6	188.4	134.0	96.3	67.0	46.1	29.3
-70°	510.7	439.6	368.4	288.9	221.9	163.3	125.6	87.9	58.6	41.9	29.3
-72.5°	460.5	368.4	293.0	234.4	188.4	150.7	113.0	79.5	54.4	37.7	25.1
-75°	334.9	267.9	217.7	196.8	167.5	134.0	100.5	71.2	50.2	37.7	25.1
-77.5°	238.6	221.9	200.9	180.0	150.7	117.2	87.9	67.0	46.1	33.5	20.9
-80°	234.4	213.5	188.4	154.9	125.6	100.5	75.4	58.6	41.9	29.3	16.7
-82.5°	196.8	167.5	142.3	117.2	96.3	79.5	62.8	46.1	33.5	20.9	12.6
-85°	121.4	104.7	92.1	79.5	67.0	54.4	41.9	29.3	20.9	12.6	8.4
-87.5°	58.6	54.4	46.1	37.7	33.5	25.1	20.9	16.7	12.6	8.4	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-SA8A-740-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°	8.4	4.2	4.2	0.0
67.5°	8.4	4.2	4.2	0.0
65°	8.4	4.2	4.2	0.0
62.5°	8.4	4.2	4.2	0.0
60°	8.4	4.2	4.2	0.0
57.5°	8.4	4.2	4.2	0.0
55°	8.4	4.2	4.2	0.0
52.5°	8.4	4.2	4.2	0.0
50°	8.4	4.2	4.2	0.0
47.5°	8.4	8.4	4.2	0.0
45°	8.4	8.4	4.2	0.0
42.5°	8.4	8.4	4.2	0.0
40°	8.4	8.4	4.2	0.0
37.5°	8.4	8.4	4.2	0.0
35°	8.4	8.4	4.2	0.0
32.5°	12.6	8.4	4.2	0.0
30°	12.6	8.4	8.4	0.0
27.5°	12.6	8.4	8.4	0.0
25°	12.6	8.4	8.4	0.0
22.5°	12.6	8.4	8.4	0.0
20°	12.6	8.4	8.4	0.0
17.5°	12.6	8.4	8.4	0.0
15°	12.6	8.4	8.4	0.0
12.5°	12.6	8.4	8.4	0.0
10°	12.6	8.4	8.4	0.0
7.5°	12.6	8.4	8.4	0.0
5°	12.6	8.4	8.4	0.0
2.5°	12.6	8.4	8.4	0.0
0°	12.6	8.4	8.4	0.0
-2.5°	12.6	8.4	8.4	0.0
-5°	12.6	8.4	8.4	0.0
-7.5°	12.6	8.4	8.4	0.0
-10°	12.6	8.4	8.4	0.0
-12.5°	16.7	8.4	8.4	0.0
-15°	16.7	8.4	8.4	0.0
-17.5°	16.7	8.4	8.4	0.0
-20°	16.7	8.4	8.4	0.0

REPORT NUMBER: P723745

CATALOG NUMBER: IFLD-L-SA8A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.7	8.4	8.4	0.0
-25°	16.7	8.4	8.4	0.0
-27.5°	16.7	8.4	8.4	0.0
-30°	16.7	8.4	8.4	0.0
-32.5°	16.7	8.4	8.4	0.0
-35°	16.7	8.4	8.4	0.0
-37.5°	16.7	8.4	8.4	0.0
-40°	16.7	8.4	8.4	0.0
-42.5°	12.6	8.4	4.2	0.0
-45°	16.7	8.4	4.2	0.0
-47.5°	16.7	8.4	4.2	0.0
-50°	16.7	8.4	4.2	0.0
-52.5°	16.7	8.4	4.2	0.0
-55°	16.7	8.4	4.2	0.0
-57.5°	16.7	8.4	4.2	0.0
-60°	16.7	8.4	4.2	0.0
-62.5°	16.7	8.4	4.2	0.0
-65°	16.7	8.4	4.2	0.0
-67.5°	16.7	8.4	4.2	0.0
-70°	16.7	4.2	4.2	0.0
-72.5°	12.6	4.2	4.2	0.0
-75°	12.6	4.2	4.2	0.0
-77.5°	8.4	4.2	0.0	0.0
-80°	8.4	4.2	0.0	0.0
-82.5°	8.4	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)