

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: P723847

Luminaire Tested: **IFLD-S-SA6B-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723847
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14041.2 lumens	Max Intensity:	330340.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	5091.9 lumens	Field Lumens:	8117.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

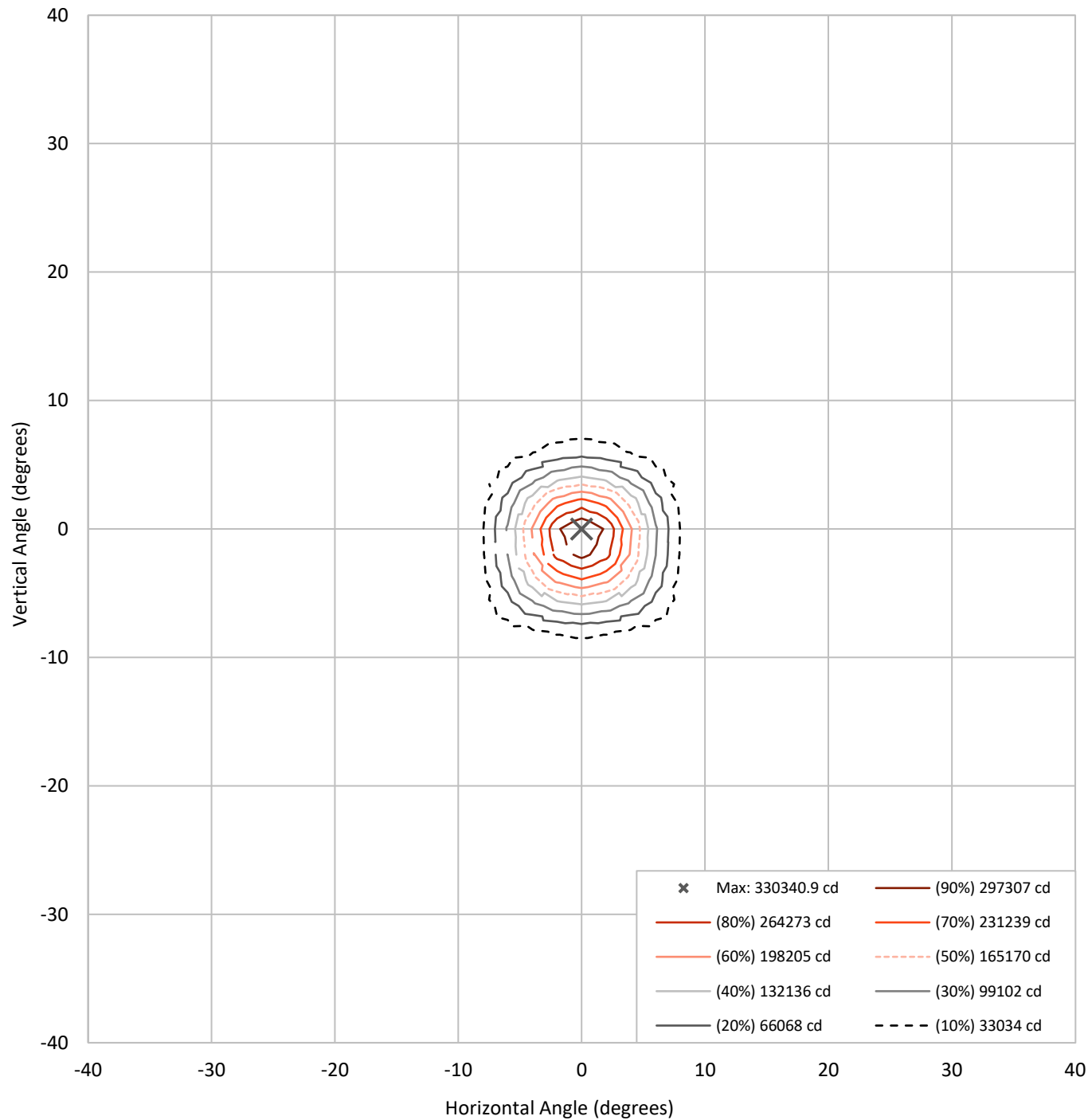
Input Watts (W): 244.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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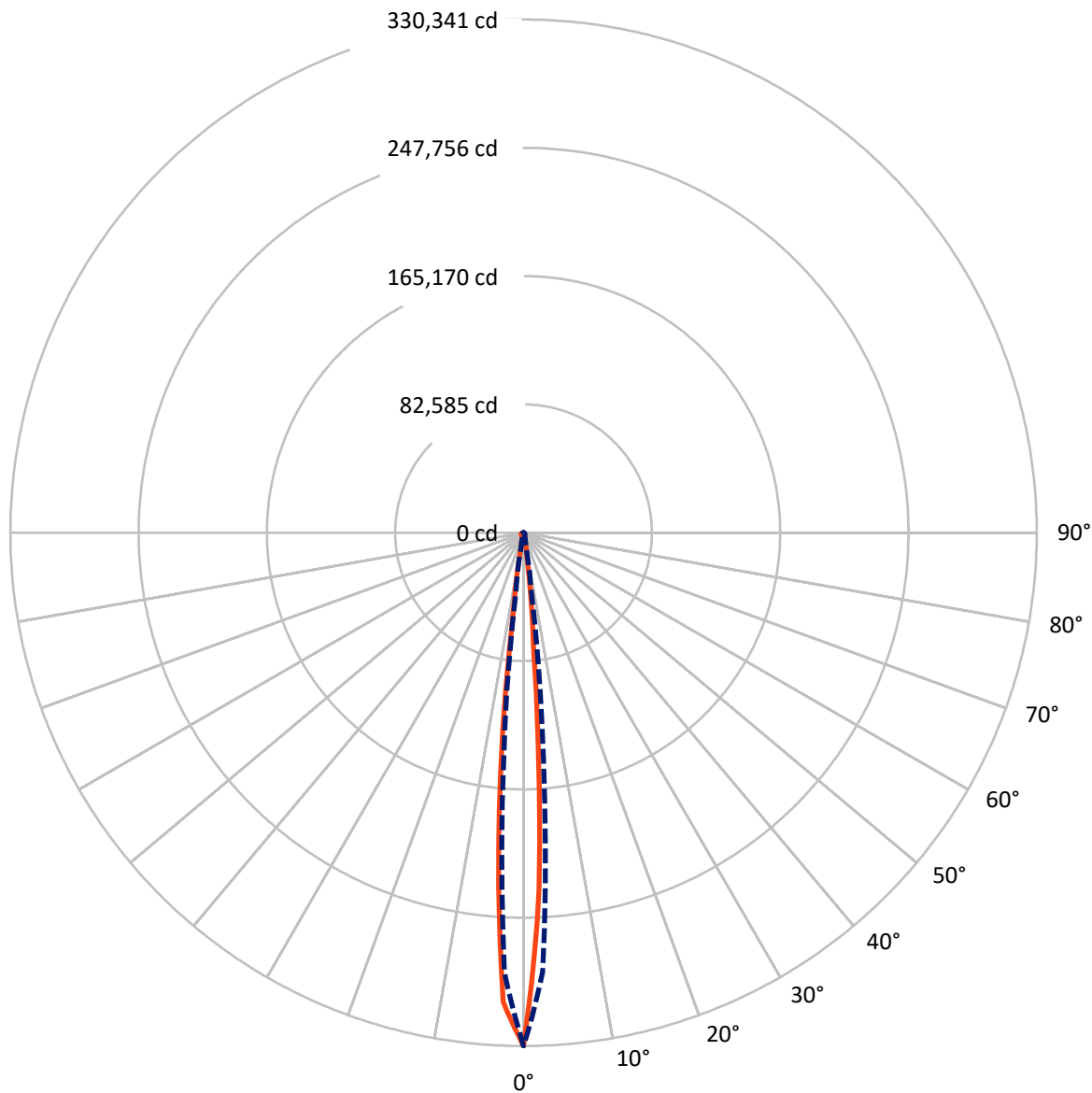
Lumen Table

90																			
80	0.2	3.1		3.4		1.3		0.4		1.3		3.4		3.1		0.2			
70	0.4	0.7	0.9	0.7	0.6	0.4	0.4	0.2	0.2	0.4	0.4	0.6	0.7	0.9	0.7	0.4			
60		0.4	0.6	1.6	3.6	5.9	7.6	8.7	8.7	7.6	5.9	3.6	1.6	0.6	0.4				
50	0.4	0.5	1.9	6.4	12.6	18.4	22.2	24.6	24.6	22.2	18.4	12.6	6.4	1.9	0.5	0.4			
40		0.9	4.9	13.1	21.4	25.1	27.1	28.0	28.0	27.1	25.1	21.4	13.1	4.9	0.9				
30	0.6	1.8	8.3	19.1	24.7	25.5	30.1	36.2	36.2	30.1	25.5	24.7	19.1	8.3	1.8	0.6			
20		2.9	11.7	23.5	26.4	29.8	52.3	89.1	89.1	52.3	29.8	26.4	23.5	11.7	2.9				
10	0.9	3.7	14.3	25.8	27.4	36.7	99.5	1843.3	1843.3	99.5	36.7	27.4	25.8	14.3	3.7	0.9			
0		4.3	15.7	27.1	28.4	38.0	107.2	2687.7	2687.7	107.2	38.0	28.4	27.1	15.7	4.3				
-10	1.3	4.6	16.1	28.5	30.7	34.3	62.3	119.6	119.6	62.3	34.3	30.7	28.5	16.1	4.6	1.3			
-20		4.4	15.3	28.9	34.5	34.5	40.3	49.2	49.2	40.3	34.5	34.5	28.9	15.3	4.4				
-30	1.5	3.9	13.5	27.6	37.9	41.3	43.0	43.4	43.4	43.0	41.3	37.9	27.6	13.5	3.9	1.5			
-40		3.4	10.9	23.5	36.6	44.4	49.8	52.2	52.2	49.8	44.4	36.6	23.5	10.9	3.4				
-50	1.2	3.1	8.4	18.2	31.2	41.9	48.6	51.4	51.4	48.6	41.9	31.2	18.2	8.4	3.1	1.2			
-60		2.9	7.4	14.8	26.0	36.6	44.3	47.9	47.9	44.3	36.6	26.0	14.8	7.4	2.9				
-70	0.5	8.7		25.9		47.9		52.9		47.9		25.9		8.7		0.5			
-80																			
-90																			
	Horizontal Angle (degrees)																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



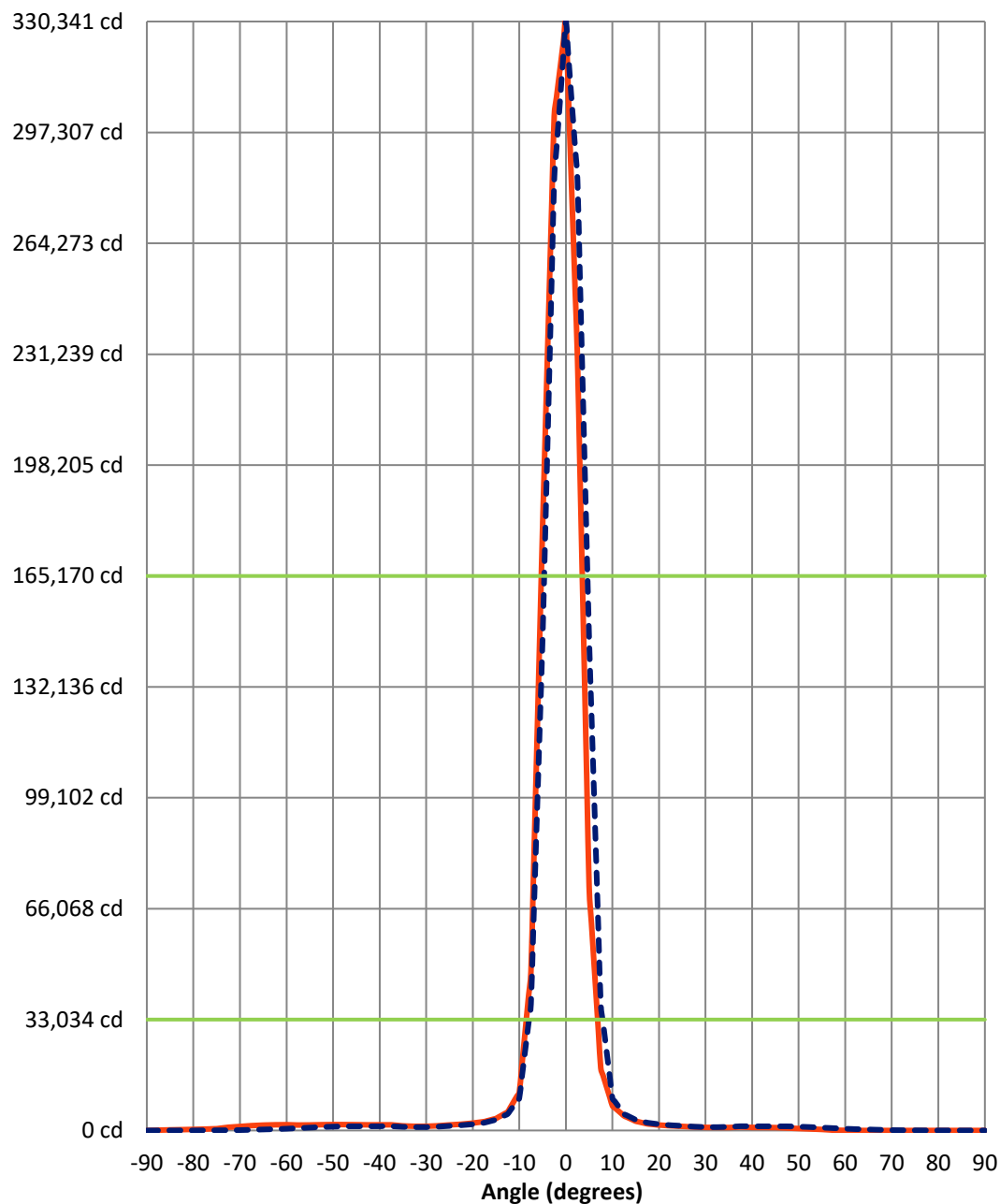
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5091.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8117.5

Efficiency: 57.8%

Spill:

Lumens: 5923.7

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	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	6.5	6.5	6.5	9.7	13.0	16.2	16.2	19.4
82.5°	0.0	3.2	3.2	6.5	6.5	9.7	9.7	16.2	19.4	22.7	29.2
80°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	13.0	16.2	22.7	25.9
77.5°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	9.7	13.0	16.2	19.4
75°	0.0	3.2	3.2	3.2	6.5	6.5	6.5	6.5	9.7	9.7	13.0
72.5°	0.0	0.0	0.0	3.2	3.2	6.5	6.5	6.5	9.7	9.7	9.7
70°	0.0	0.0	0.0	3.2	3.2	6.5	6.5	6.5	9.7	9.7	9.7
67.5°	0.0	0.0	0.0	3.2	3.2	6.5	6.5	6.5	9.7	9.7	9.7
65°	0.0	0.0	0.0	3.2	3.2	6.5	6.5	9.7	9.7	9.7	9.7
62.5°	3.2	3.2	3.2	6.5	9.7	9.7	13.0	16.2	16.2	16.2	16.2
60°	32.4	35.7	38.9	38.9	35.7	35.7	38.9	38.9	38.9	38.9	38.9
57.5°	87.5	94.0	97.2	97.2	97.2	94.0	107.0	110.2	97.2	90.8	100.5
55°	304.7	314.4	307.9	298.2	278.8	256.1	249.6	246.3	249.6	233.4	207.4
52.5°	444.1	453.8	450.6	444.1	431.1	414.9	401.9	389.0	376.0	350.1	320.9
50°	577.0	580.2	577.0	570.5	557.5	541.3	515.4	486.2	460.3	453.8	427.9
47.5°	726.1	735.8	735.8	732.5	722.8	693.7	654.8	612.6	593.2	586.7	560.8
45°	859.0	865.4	868.7	871.9	868.7	839.5	803.9	781.2	739.0	726.1	726.1
42.5°	894.6	897.9	901.1	904.3	914.1	891.4	862.2	823.3	813.6	810.3	803.9
40°	907.6	901.1	904.3	907.6	910.8	894.6	871.9	849.2	842.8	836.3	836.3
37.5°	1030.8	1001.6	978.9	959.4	943.2	927.0	904.3	884.9	868.7	855.7	868.7
35°	878.4	878.4	901.1	920.5	940.0	959.4	962.7	940.0	904.3	888.1	910.8
32.5°	897.9	897.9	897.9	904.3	910.8	927.0	943.2	953.0	978.9	949.7	949.7
30°	917.3	920.5	927.0	930.3	920.5	914.1	907.6	907.6	923.8	965.9	988.6
27.5°	1030.8	1030.8	1021.0	1008.1	978.9	933.5	910.8	878.4	881.7	901.1	956.2
25°	1215.5	1209.0	1186.3	1153.9	1102.1	1037.2	975.7	907.6	878.4	868.7	891.4
22.5°	1390.5	1380.8	1351.7	1322.5	1280.3	1215.5	1111.8	1008.1	917.3	878.4	868.7
20°	1614.2	1591.5	1559.1	1513.7	1445.7	1380.8	1290.1	1153.9	1021.0	920.5	881.7
17.5°	1974.0	1944.8	1883.2	1802.2	1685.5	1585.0	1455.4	1325.7	1176.6	1014.5	927.0
15°	2761.6	2687.1	2580.1	2356.5	2126.3	1935.1	1740.6	1523.4	1371.1	1157.2	1024.3
12.5°	4343.4	4139.2	3828.1	3306.2	2790.8	2346.8	2032.3	1753.6	1507.2	1309.5	1121.5
10°	7351.4	6913.8	6054.9	4628.7	3679.0	2862.1	2298.1	1925.4	1614.2	1410.0	1202.5
7.5°	18592.5	15166.4	10732.2	7328.7	4813.4	3497.4	2628.8	2087.4	1727.6	1474.8	1267.4
5°	72464.0	59693.1	31843.2	13289.6	7241.2	4230.0	2927.0	2217.1	1802.2	1523.4	1316.0
2.5°	229978.4	198601.9	104197.1	28608.3	8891.1	4764.8	3131.2	2298.1	1844.3	1559.1	1351.7
0°	330340.9	283114.1	146234.4	37625.8	9643.1	4901.0	3196.0	2314.3	1850.8	1565.6	1351.7
-2.5°	302205.8	264489.2	141262.1	35013.3	9853.8	4939.8	3247.9	2369.4	1899.4	1594.8	1361.4
-5°	179568.6	157507.8	98540.9	24965.0	8754.9	4586.5	3111.7	2320.8	1867.0	1578.5	1354.9
-7.5°	47311.0	40957.9	26942.3	13027.1	5665.9	3879.9	2858.9	2239.8	1824.9	1549.4	1329.0
-10°	11406.4	10810.0	9656.0	5918.7	4411.5	3241.4	2534.8	2093.9	1740.6	1510.5	1286.8
-12.5°	5500.6	5370.9	4875.0	4019.3	3273.8	2693.6	2294.9	1941.6	1662.8	1442.4	1228.5
-15°	3578.5	3503.9	3335.4	3008.0	2628.8	2350.0	2071.2	1786.0	1565.6	1341.9	1179.9
-17.5°	2648.2	2645.0	2560.7	2437.5	2249.5	2042.1	1837.9	1656.3	1442.4	1251.2	1128.0
-20°	2194.4	2194.4	2145.8	2064.8	1931.9	1795.7	1659.6	1491.0	1316.0	1173.4	1121.5

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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°	1863.8	1867.0	1841.1	1789.2	1717.9	1604.5	1471.6	1335.4	1209.0	1157.2	1141.0
-25°	1649.9	1643.4	1614.2	1565.6	1491.0	1400.3	1312.8	1222.0	1186.3	1173.4	1196.1
-27.5°	1397.0	1406.8	1393.8	1371.1	1322.5	1257.7	1238.2	1212.3	1218.8	1238.2	1325.7
-30°	1247.9	1257.7	1270.6	1280.3	1264.1	1247.9	1254.4	1273.9	1316.0	1390.5	1423.0
-32.5°	1247.9	1251.2	1270.6	1290.1	1299.8	1312.8	1348.4	1413.2	1474.8	1455.4	1448.9
-35°	1361.4	1351.7	1377.6	1403.5	1439.2	1484.5	1523.4	1510.5	1487.8	1481.3	1487.8
-37.5°	1685.5	1623.9	1598.0	1581.8	1572.1	1565.6	1555.9	1546.1	1536.4	1529.9	1539.7
-40°	1682.3	1666.1	1649.9	1636.9	1627.2	1614.2	1607.7	1604.5	1594.8	1588.3	1581.8
-42.5°	1675.8	1682.3	1682.3	1679.0	1682.3	1679.0	1669.3	1656.3	1640.1	1627.2	1614.2
-45°	1724.4	1727.6	1734.1	1740.6	1750.3	1737.4	1717.9	1695.2	1672.5	1653.1	1636.9
-47.5°	1753.6	1756.8	1763.3	1773.0	1779.5	1766.5	1740.6	1711.4	1675.8	1643.4	1611.0
-50°	1763.3	1773.0	1776.3	1776.3	1773.0	1756.8	1717.9	1675.8	1636.9	1604.5	1575.3
-52.5°	1717.9	1727.6	1730.9	1724.4	1721.2	1705.0	1669.3	1630.4	1588.3	1565.6	1539.7
-55°	1643.4	1656.3	1666.1	1666.1	1666.1	1662.8	1630.4	1594.8	1562.3	1536.4	1510.5
-57.5°	1614.2	1636.9	1656.3	1659.6	1662.8	1666.1	1643.4	1607.7	1568.8	1529.9	1497.5
-60°	1721.2	1740.6	1750.3	1737.4	1727.6	1717.9	1682.3	1640.1	1601.2	1562.3	1500.8
-62.5°	1692.0	1724.4	1740.6	1730.9	1717.9	1701.7	1662.8	1614.2	1568.8	1526.7	1465.1
-65°	1598.0	1627.2	1646.6	1630.4	1611.0	1588.3	1552.6	1507.2	1465.1	1423.0	1367.9
-67.5°	1439.2	1481.3	1513.7	1478.1	1452.1	1423.0	1393.8	1354.9	1312.8	1264.1	1212.3
-70°	1189.6	1222.0	1251.2	1241.4	1235.0	1228.5	1209.0	1170.1	1134.5	1095.6	1050.2
-72.5°	956.2	985.4	1011.3	995.1	982.1	962.7	933.5	891.4	849.2	807.1	765.0
-75°	528.3	538.1	547.8	544.6	544.6	544.6	544.6	547.8	541.3	531.6	512.1
-77.5°	405.2	418.1	427.9	434.3	444.1	457.0	466.8	450.6	434.3	418.1	398.7
-80°	317.7	330.6	340.3	376.0	401.9	431.1	450.6	427.9	405.2	385.7	369.5
-82.5°	239.9	249.6	259.3	278.8	291.7	307.9	320.9	320.9	317.7	314.4	304.7
-85°	175.0	188.0	201.0	207.4	217.2	217.2	220.4	207.4	194.5	184.8	171.8
-87.5°	100.5	103.7	103.7	103.7	107.0	107.0	107.0	100.5	97.2	90.8	87.5
-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°	3.2	3.2	3.2	6.5	6.5	9.7	9.7	13.0	13.0	16.2	16.2
85°	19.4	19.4	19.4	22.7	22.7	25.9	29.2	32.4	35.7	35.7	38.9
82.5°	32.4	35.7	38.9	42.1	45.4	48.6	51.9	55.1	64.8	71.3	74.6
80°	32.4	35.7	45.4	51.9	58.3	64.8	64.8	64.8	64.8	68.1	74.6
77.5°	22.7	25.9	29.2	35.7	51.9	64.8	74.6	81.0	74.6	71.3	64.8
75°	13.0	16.2	19.4	22.7	32.4	45.4	61.6	77.8	90.8	87.5	81.0
72.5°	13.0	13.0	16.2	19.4	22.7	25.9	29.2	45.4	64.8	81.0	90.8
70°	13.0	16.2	16.2	19.4	22.7	25.9	29.2	35.7	45.4	64.8	84.3
67.5°	13.0	16.2	16.2	22.7	29.2	32.4	35.7	32.4	29.2	42.1	61.6
65°	13.0	13.0	16.2	19.4	22.7	25.9	35.7	35.7	32.4	32.4	32.4
62.5°	19.4	19.4	19.4	19.4	22.7	22.7	22.7	29.2	29.2	29.2	29.2
60°	38.9	35.7	35.7	35.7	35.7	29.2	29.2	29.2	25.9	29.2	25.9
57.5°	94.0	77.8	71.3	71.3	61.6	58.3	48.6	35.7	35.7	29.2	29.2
55°	191.2	181.5	152.3	126.4	113.4	100.5	77.8	64.8	48.6	38.9	35.7
52.5°	295.0	269.0	243.1	210.7	178.3	152.3	129.7	100.5	81.0	58.3	45.4
50°	385.7	363.0	333.9	298.2	256.1	223.7	191.2	152.3	119.9	90.8	64.8
47.5°	525.1	479.7	444.1	401.9	353.3	307.9	265.8	220.4	168.6	132.9	100.5
45°	674.2	609.4	560.8	521.9	457.0	395.4	346.8	298.2	236.6	175.0	136.1
42.5°	777.9	729.3	664.5	612.6	554.3	489.4	424.6	372.8	307.9	236.6	175.0
40°	833.0	800.6	748.8	703.4	641.8	570.5	502.4	450.6	382.5	304.7	220.4
37.5°	875.2	859.0	833.0	797.4	739.0	654.8	586.7	525.1	466.8	376.0	285.2
35°	923.8	920.5	904.3	888.1	839.5	758.5	677.4	606.1	534.8	450.6	350.1
32.5°	969.2	965.9	956.2	949.7	930.3	859.0	771.4	690.4	609.4	521.9	411.7
30°	991.9	985.4	985.4	991.9	972.4	927.0	862.2	774.7	683.9	580.2	476.5
27.5°	991.9	985.4	988.6	998.3	995.1	972.4	923.8	852.5	752.0	635.3	534.8
25°	949.7	982.1	982.1	995.1	998.3	991.9	965.9	920.5	816.8	693.7	580.2
22.5°	891.4	969.2	998.3	995.1	998.3	1014.5	1017.8	975.7	878.4	752.0	625.6
20°	891.4	946.5	1030.8	1008.1	1014.5	1050.2	1066.4	1030.8	943.2	807.1	671.0
17.5°	910.8	946.5	1017.8	1053.4	1063.2	1092.3	1118.3	1095.6	1001.6	865.4	732.5
15°	965.9	959.4	1008.1	1095.6	1111.8	1134.5	1163.7	1137.7	1053.4	930.3	790.9
12.5°	1004.8	969.2	1008.1	1102.1	1153.9	1176.6	1186.3	1166.9	1098.8	988.6	849.2
10°	1056.7	995.1	1014.5	1095.6	1170.1	1186.3	1196.1	1189.6	1141.0	1037.2	901.1
7.5°	1095.6	1008.1	1008.1	1085.9	1186.3	1199.3	1205.8	1212.3	1176.6	1079.4	946.5
5°	1111.8	1008.1	1001.6	1076.1	1202.5	1215.5	1215.5	1225.2	1202.5	1111.8	978.9
2.5°	1115.0	1004.8	995.1	1069.7	1231.7	1231.7	1225.2	1235.0	1222.0	1131.2	1001.6
0°	1131.2	1001.6	991.9	1079.4	1264.1	1251.2	1235.0	1238.2	1231.7	1141.0	1014.5
-2.5°	1131.2	1017.8	1004.8	1085.9	1260.9	1257.7	1251.2	1254.4	1247.9	1170.1	1040.5
-5°	1147.4	1040.5	1027.5	1115.0	1257.7	1267.4	1270.6	1270.6	1260.9	1189.6	1056.7
-7.5°	1150.7	1056.7	1053.4	1144.2	1264.1	1280.3	1290.1	1296.5	1277.1	1202.5	1069.7
-10°	1134.5	1063.2	1079.4	1179.9	1270.6	1293.3	1312.8	1322.5	1290.1	1209.0	1076.1
-12.5°	1098.8	1063.2	1105.3	1225.2	1286.8	1312.8	1341.9	1345.2	1303.0	1212.3	1079.4
-15°	1095.6	1089.1	1150.7	1270.6	1296.5	1329.0	1374.3	1364.6	1312.8	1212.3	1079.4
-17.5°	1092.3	1124.8	1218.8	1286.8	1312.8	1348.4	1384.1	1374.3	1319.2	1212.3	1072.9
-20°	1121.5	1183.1	1299.8	1303.0	1332.2	1371.1	1390.5	1371.1	1309.5	1202.5	1063.2

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CATALOG NUMBER: IFLD-S-SA6B-830-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°	1170.1	1286.8	1325.7	1338.7	1364.6	1393.8	1403.5	1374.3	1299.8	1186.3	1047.0
-25°	1293.3	1351.7	1351.7	1380.8	1406.8	1419.7	1410.0	1377.6	1286.8	1170.1	1030.8
-27.5°	1387.3	1384.1	1400.3	1429.4	1452.1	1452.1	1426.2	1361.4	1267.4	1153.9	1008.1
-30°	1423.0	1426.2	1448.9	1481.3	1487.8	1471.6	1432.7	1348.4	1251.2	1128.0	978.9
-32.5°	1458.6	1471.6	1500.8	1517.0	1520.2	1487.8	1416.5	1325.7	1225.2	1098.8	946.5
-35°	1500.8	1526.7	1542.9	1546.1	1529.9	1474.8	1393.8	1296.5	1186.3	1056.7	917.3
-37.5°	1555.9	1568.8	1578.5	1565.6	1520.2	1455.4	1354.9	1257.7	1150.7	1011.3	875.2
-40°	1591.5	1598.0	1601.2	1559.1	1504.0	1410.0	1312.8	1212.3	1089.1	959.4	829.8
-42.5°	1614.2	1607.7	1581.8	1536.4	1455.4	1364.6	1270.6	1157.2	1034.0	907.6	781.2
-45°	1607.7	1585.0	1546.1	1491.0	1406.8	1316.0	1205.8	1092.3	975.7	852.5	726.1
-47.5°	1581.8	1546.1	1497.5	1432.7	1354.9	1244.7	1134.5	1024.3	910.8	790.9	674.2
-50°	1549.4	1507.2	1448.9	1367.9	1264.1	1163.7	1063.2	956.2	839.5	729.3	625.6
-52.5°	1513.7	1468.3	1393.8	1303.0	1189.6	1085.9	988.6	884.9	777.9	674.2	583.4
-55°	1474.8	1429.4	1345.2	1241.4	1128.0	1014.5	920.5	833.0	729.3	628.8	547.8
-57.5°	1455.4	1397.0	1309.5	1205.8	1085.9	969.2	888.1	794.1	700.1	596.4	518.6
-60°	1439.2	1380.8	1299.8	1179.9	1066.4	956.2	862.2	771.4	671.0	573.7	495.9
-62.5°	1393.8	1332.2	1257.7	1141.0	1030.8	930.3	846.0	739.0	641.8	551.0	479.7
-65°	1303.0	1238.2	1173.4	1069.7	969.2	875.2	790.9	693.7	602.9	525.1	463.5
-67.5°	1160.4	1105.3	1047.0	959.4	875.2	790.9	713.1	628.8	554.3	499.2	466.8
-70°	1001.6	943.2	884.9	813.6	742.3	674.2	612.6	551.0	502.4	473.2	447.3
-72.5°	729.3	703.4	674.2	619.1	560.8	518.6	489.4	463.5	427.9	401.9	385.7
-75°	486.2	450.6	405.2	385.7	389.0	382.5	366.3	346.8	330.6	320.9	298.2
-77.5°	379.2	359.8	337.1	314.4	304.7	295.0	282.0	265.8	252.8	230.1	197.7
-80°	350.1	333.9	317.7	301.4	285.2	262.6	236.6	210.7	197.7	188.0	184.8
-82.5°	288.5	269.0	249.6	233.4	210.7	194.5	178.3	165.3	165.3	162.1	158.8
-85°	165.3	158.8	149.1	142.6	136.1	126.4	116.7	110.2	107.0	103.7	100.5
-87.5°	84.3	81.0	74.6	71.3	68.1	64.8	58.3	55.1	51.9	51.9	48.6
-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-S-SA6B-830-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°	16.2	16.2	13.0	13.0	13.0	9.7	6.5	6.5	3.2	3.2	0.0
85°	38.9	32.4	29.2	25.9	25.9	19.4	13.0	9.7	6.5	3.2	3.2
82.5°	74.6	64.8	55.1	48.6	38.9	29.2	22.7	16.2	9.7	6.5	3.2
80°	84.3	84.3	81.0	68.1	55.1	42.1	29.2	19.4	13.0	9.7	6.5
77.5°	64.8	71.3	71.3	71.3	68.1	51.9	35.7	22.7	13.0	9.7	6.5
75°	74.6	64.8	61.6	64.8	61.6	51.9	42.1	25.9	16.2	13.0	6.5
72.5°	90.8	77.8	68.1	64.8	58.3	48.6	38.9	29.2	16.2	13.0	9.7
70°	84.3	81.0	74.6	68.1	58.3	48.6	38.9	29.2	19.4	13.0	9.7
67.5°	74.6	74.6	74.6	68.1	58.3	45.4	35.7	25.9	19.4	13.0	9.7
65°	51.9	61.6	68.1	64.8	58.3	45.4	35.7	25.9	19.4	16.2	9.7
62.5°	32.4	42.1	55.1	61.6	55.1	45.4	32.4	25.9	19.4	16.2	9.7
60°	29.2	32.4	38.9	48.6	51.9	42.1	32.4	22.7	19.4	16.2	9.7
57.5°	29.2	29.2	32.4	38.9	42.1	38.9	29.2	19.4	19.4	16.2	13.0
55°	32.4	29.2	29.2	32.4	35.7	35.7	29.2	19.4	19.4	16.2	13.0
52.5°	38.9	32.4	29.2	29.2	29.2	32.4	25.9	19.4	19.4	16.2	13.0
50°	48.6	38.9	35.7	29.2	29.2	29.2	25.9	19.4	16.2	16.2	13.0
47.5°	64.8	51.9	38.9	35.7	29.2	25.9	22.7	19.4	16.2	16.2	13.0
45°	97.2	61.6	51.9	38.9	32.4	29.2	25.9	19.4	16.2	16.2	13.0
42.5°	132.9	90.8	64.8	45.4	35.7	29.2	25.9	22.7	16.2	16.2	13.0
40°	168.6	123.2	81.0	58.3	42.1	32.4	25.9	22.7	19.4	16.2	13.0
37.5°	207.4	152.3	107.0	74.6	48.6	35.7	29.2	22.7	19.4	16.2	13.0
35°	256.1	191.2	132.9	90.8	58.3	42.1	32.4	22.7	19.4	16.2	13.0
32.5°	311.2	226.9	158.8	110.2	74.6	51.9	35.7	25.9	19.4	16.2	13.0
30°	363.0	269.0	188.0	132.9	90.8	58.3	38.9	25.9	19.4	16.2	9.7
27.5°	414.9	311.2	223.7	155.6	110.2	68.1	42.1	29.2	19.4	16.2	13.0
25°	466.8	353.3	259.3	178.3	126.4	81.0	51.9	32.4	19.4	16.2	13.0
22.5°	512.1	395.4	291.7	204.2	145.9	94.0	58.3	35.7	22.7	16.2	13.0
20°	564.0	440.8	327.4	233.4	162.1	107.0	64.8	38.9	22.7	16.2	13.0
17.5°	612.6	486.2	363.0	259.3	181.5	119.9	74.6	42.1	25.9	16.2	13.0
15°	661.2	528.3	395.4	285.2	201.0	132.9	81.0	45.4	29.2	16.2	13.0
12.5°	706.6	567.2	424.6	307.9	217.2	145.9	87.5	48.6	32.4	16.2	13.0
10°	748.8	602.9	453.8	327.4	233.4	155.6	94.0	55.1	35.7	16.2	13.0
7.5°	790.9	632.1	476.5	346.8	252.8	168.6	100.5	58.3	38.9	19.4	13.0
5°	816.8	658.0	495.9	363.0	269.0	181.5	107.0	61.6	42.1	19.4	13.0
2.5°	839.5	677.4	508.9	379.2	285.2	191.2	107.0	64.8	45.4	19.4	13.0
0°	852.5	690.4	518.6	389.0	298.2	197.7	110.2	68.1	48.6	19.4	13.0
-2.5°	881.7	713.1	541.3	401.9	311.2	217.2	116.7	71.3	51.9	22.7	13.0
-5°	901.1	726.1	557.5	414.9	320.9	236.6	126.4	77.8	58.3	29.2	16.2
-7.5°	917.3	739.0	570.5	421.4	330.6	243.1	129.7	81.0	61.6	32.4	16.2
-10°	920.5	745.5	580.2	431.1	337.1	252.8	132.9	84.3	64.8	35.7	16.2
-12.5°	923.8	752.0	583.4	437.6	343.6	259.3	136.1	87.5	68.1	38.9	16.2
-15°	920.5	748.8	583.4	444.1	346.8	252.8	142.6	90.8	71.3	42.1	16.2
-17.5°	914.1	745.5	580.2	440.8	343.6	246.3	145.9	97.2	71.3	45.4	19.4
-20°	904.3	735.8	573.7	437.6	340.3	239.9	149.1	100.5	74.6	45.4	19.4

REPORT NUMBER: P723847

CATALOG NUMBER: IFLD-S-SA6B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	888.1	719.6	560.8	427.9	333.9	233.4	149.1	107.0	77.8	45.4	19.4
-25°	868.7	703.4	547.8	414.9	324.1	223.7	149.1	110.2	81.0	45.4	19.4
-27.5°	846.0	687.2	528.3	405.2	311.2	217.2	149.1	113.4	84.3	45.4	19.4
-30°	820.1	664.5	512.1	389.0	301.4	217.2	152.3	116.7	87.5	45.4	19.4
-32.5°	794.1	641.8	492.7	376.0	288.5	213.9	152.3	119.9	90.8	42.1	22.7
-35°	765.0	615.9	476.5	366.3	278.8	207.4	155.6	119.9	87.5	42.1	22.7
-37.5°	729.3	583.4	460.3	356.6	272.3	201.0	155.6	123.2	84.3	42.1	22.7
-40°	690.4	557.5	440.8	343.6	262.6	197.7	155.6	123.2	81.0	42.1	25.9
-42.5°	648.3	528.3	421.4	330.6	252.8	194.5	155.6	123.2	77.8	42.1	25.9
-45°	609.4	499.2	398.7	314.4	243.1	194.5	155.6	119.9	71.3	45.4	25.9
-47.5°	567.2	466.8	372.8	298.2	239.9	191.2	152.3	113.4	64.8	45.4	25.9
-50°	531.6	434.3	353.3	282.0	233.4	194.5	155.6	103.7	64.8	45.4	25.9
-52.5°	495.9	411.7	330.6	275.5	226.9	197.7	152.3	97.2	64.8	45.4	25.9
-55°	466.8	389.0	317.7	265.8	233.4	204.2	145.9	87.5	64.8	45.4	25.9
-57.5°	444.1	376.0	307.9	269.0	243.1	197.7	136.1	84.3	64.8	42.1	25.9
-60°	427.9	363.0	311.2	282.0	246.3	188.0	129.7	84.3	64.8	42.1	22.7
-62.5°	414.9	366.3	327.4	291.7	233.4	175.0	123.2	84.3	58.3	38.9	22.7
-65°	418.1	379.2	333.9	278.8	223.7	162.1	113.4	81.0	55.1	35.7	22.7
-67.5°	427.9	369.5	314.4	262.6	201.0	145.9	103.7	74.6	51.9	35.7	22.7
-70°	395.4	340.3	285.2	223.7	171.8	126.4	97.2	68.1	45.4	32.4	22.7
-72.5°	356.6	285.2	226.9	181.5	145.9	116.7	87.5	61.6	42.1	29.2	19.4
-75°	259.3	207.4	168.6	152.3	129.7	103.7	77.8	55.1	38.9	29.2	19.4
-77.5°	184.8	171.8	155.6	139.4	116.7	90.8	68.1	51.9	35.7	25.9	16.2
-80°	181.5	165.3	145.9	119.9	97.2	77.8	58.3	45.4	32.4	22.7	13.0
-82.5°	152.3	129.7	110.2	90.8	74.6	61.6	48.6	35.7	25.9	16.2	9.7
-85°	94.0	81.0	71.3	61.6	51.9	42.1	32.4	22.7	16.2	9.7	6.5
-87.5°	45.4	42.1	35.7	29.2	25.9	19.4	16.2	13.0	9.7	6.5	3.2
-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-S-SA6B-830-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°	3.2	0.0	0.0	0.0
80°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	6.5	3.2	3.2	0.0
67.5°	6.5	3.2	3.2	0.0
65°	6.5	3.2	3.2	0.0
62.5°	6.5	3.2	3.2	0.0
60°	6.5	3.2	3.2	0.0
57.5°	6.5	3.2	3.2	0.0
55°	6.5	3.2	3.2	0.0
52.5°	6.5	3.2	3.2	0.0
50°	6.5	3.2	3.2	0.0
47.5°	6.5	6.5	3.2	0.0
45°	6.5	6.5	3.2	0.0
42.5°	6.5	6.5	3.2	0.0
40°	6.5	6.5	3.2	0.0
37.5°	6.5	6.5	3.2	0.0
35°	6.5	6.5	3.2	0.0
32.5°	9.7	6.5	3.2	0.0
30°	9.7	6.5	6.5	0.0
27.5°	9.7	6.5	6.5	0.0
25°	9.7	6.5	6.5	0.0
22.5°	9.7	6.5	6.5	0.0
20°	9.7	6.5	6.5	0.0
17.5°	9.7	6.5	6.5	0.0
15°	9.7	6.5	6.5	0.0
12.5°	9.7	6.5	6.5	0.0
10°	9.7	6.5	6.5	0.0
7.5°	9.7	6.5	6.5	0.0
5°	9.7	6.5	6.5	0.0
2.5°	9.7	6.5	6.5	0.0
0°	9.7	6.5	6.5	0.0
-2.5°	9.7	6.5	6.5	0.0
-5°	9.7	6.5	6.5	0.0
-7.5°	9.7	6.5	6.5	0.0
-10°	9.7	6.5	6.5	0.0
-12.5°	13.0	6.5	6.5	0.0
-15°	13.0	6.5	6.5	0.0
-17.5°	13.0	6.5	6.5	0.0
-20°	13.0	6.5	6.5	0.0

REPORT NUMBER: P723847

CATALOG NUMBER: IFLD-S-SA6B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.0	6.5	6.5	0.0
-25°	13.0	6.5	6.5	0.0
-27.5°	13.0	6.5	6.5	0.0
-30°	13.0	6.5	6.5	0.0
-32.5°	13.0	6.5	6.5	0.0
-35°	13.0	6.5	6.5	0.0
-37.5°	13.0	6.5	6.5	0.0
-40°	13.0	6.5	6.5	0.0
-42.5°	9.7	6.5	3.2	0.0
-45°	13.0	6.5	3.2	0.0
-47.5°	13.0	6.5	3.2	0.0
-50°	13.0	6.5	3.2	0.0
-52.5°	13.0	6.5	3.2	0.0
-55°	13.0	6.5	3.2	0.0
-57.5°	13.0	6.5	3.2	0.0
-60°	13.0	6.5	3.2	0.0
-62.5°	13.0	6.5	3.2	0.0
-65°	13.0	6.5	3.2	0.0
-67.5°	13.0	6.5	3.2	0.0
-70°	13.0	3.2	3.2	0.0
-72.5°	9.7	3.2	3.2	0.0
-75°	9.7	3.2	3.2	0.0
-77.5°	6.5	3.2	0.0	0.0
-80°	6.5	3.2	0.0	0.0
-82.5°	6.5	3.2	0.0	0.0
-85°	3.2	0.0	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)