

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: P723644

Luminaire Tested: **IFLD-S-SA6B-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723644
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14778.1 lumens	Max Intensity:	347676.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.3 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:	5359.2 lumens	Field Lumens:	8543.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

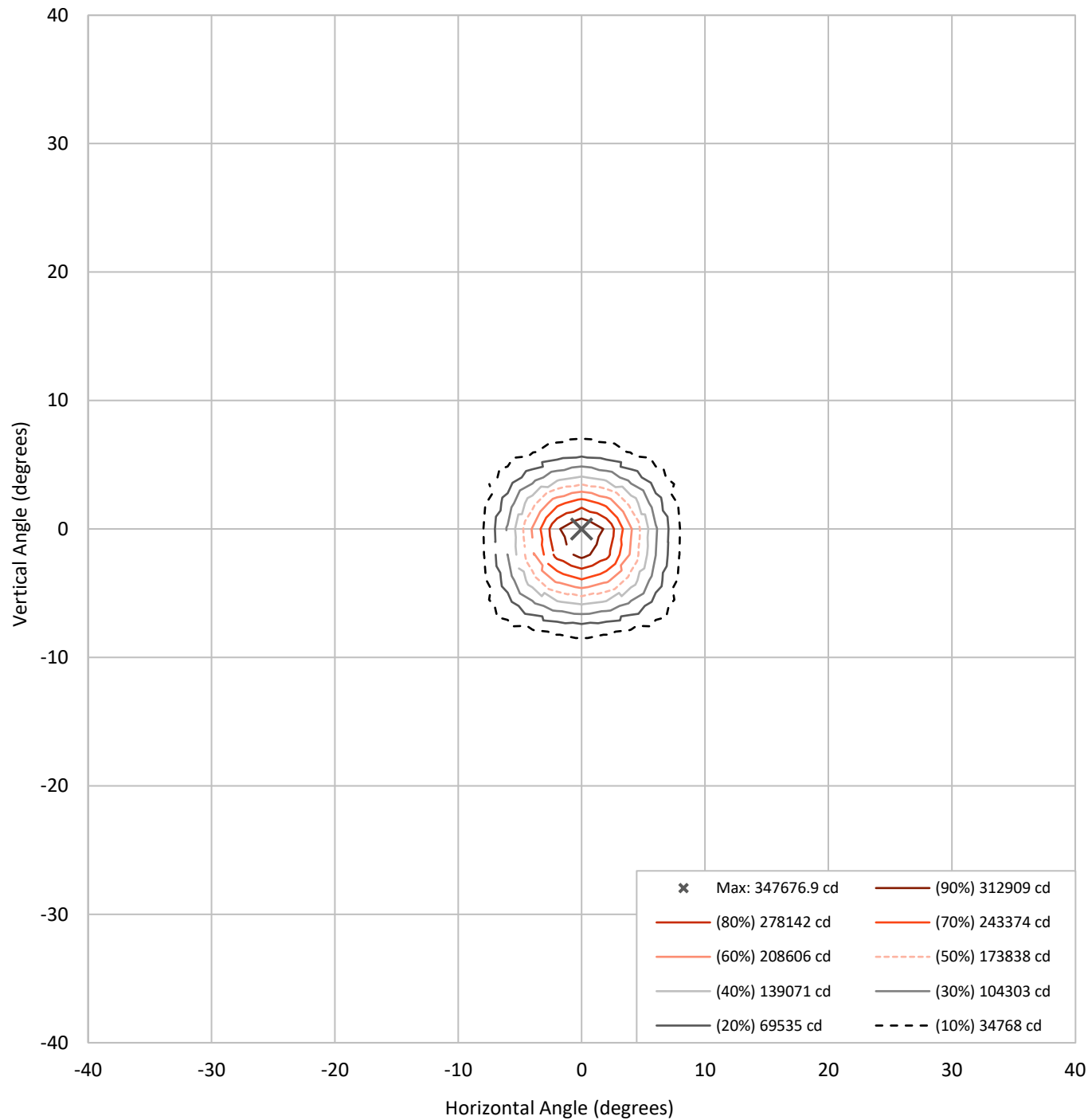
Input Watts (W): 244.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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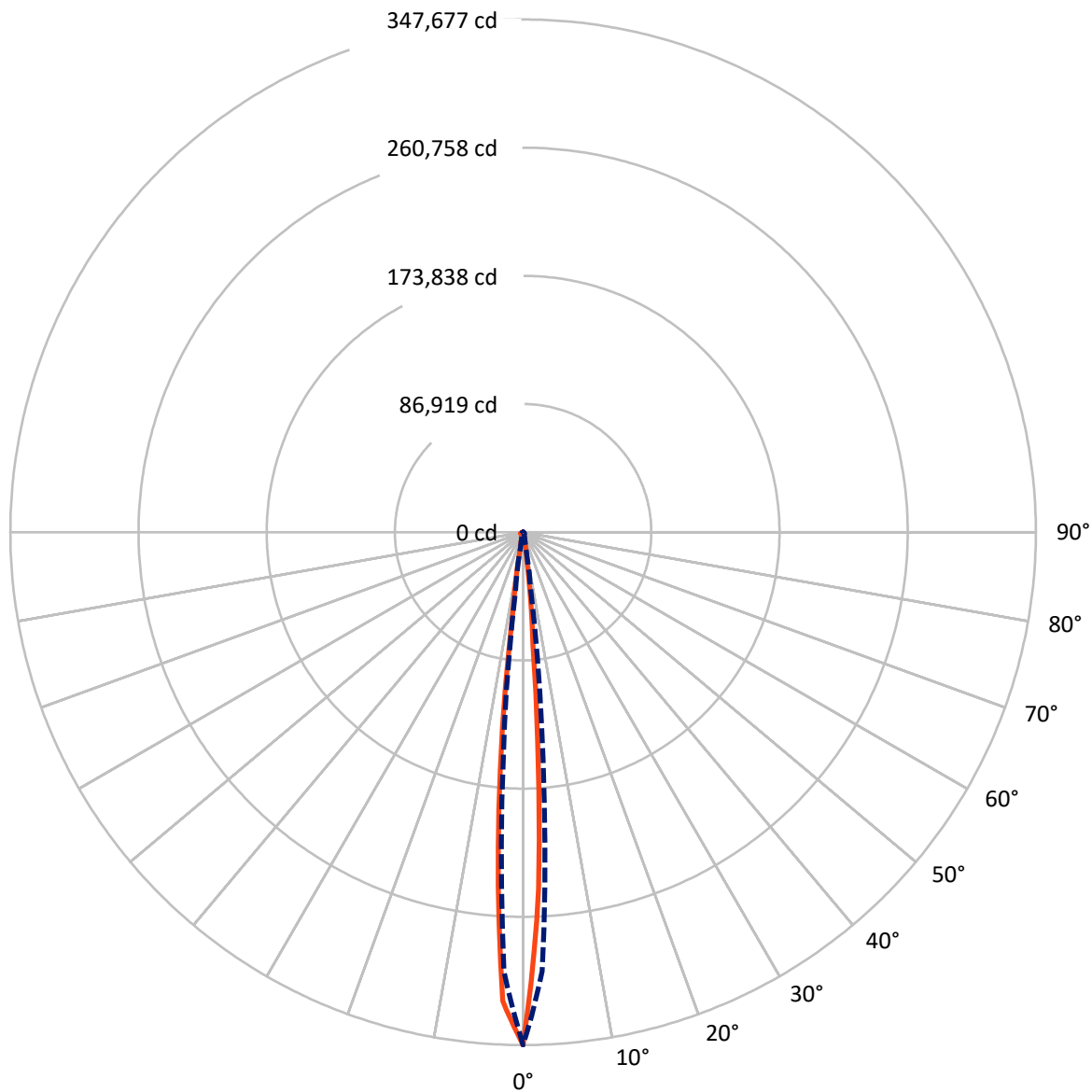
Lumen Table

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Luminous Intensity Polar Plot



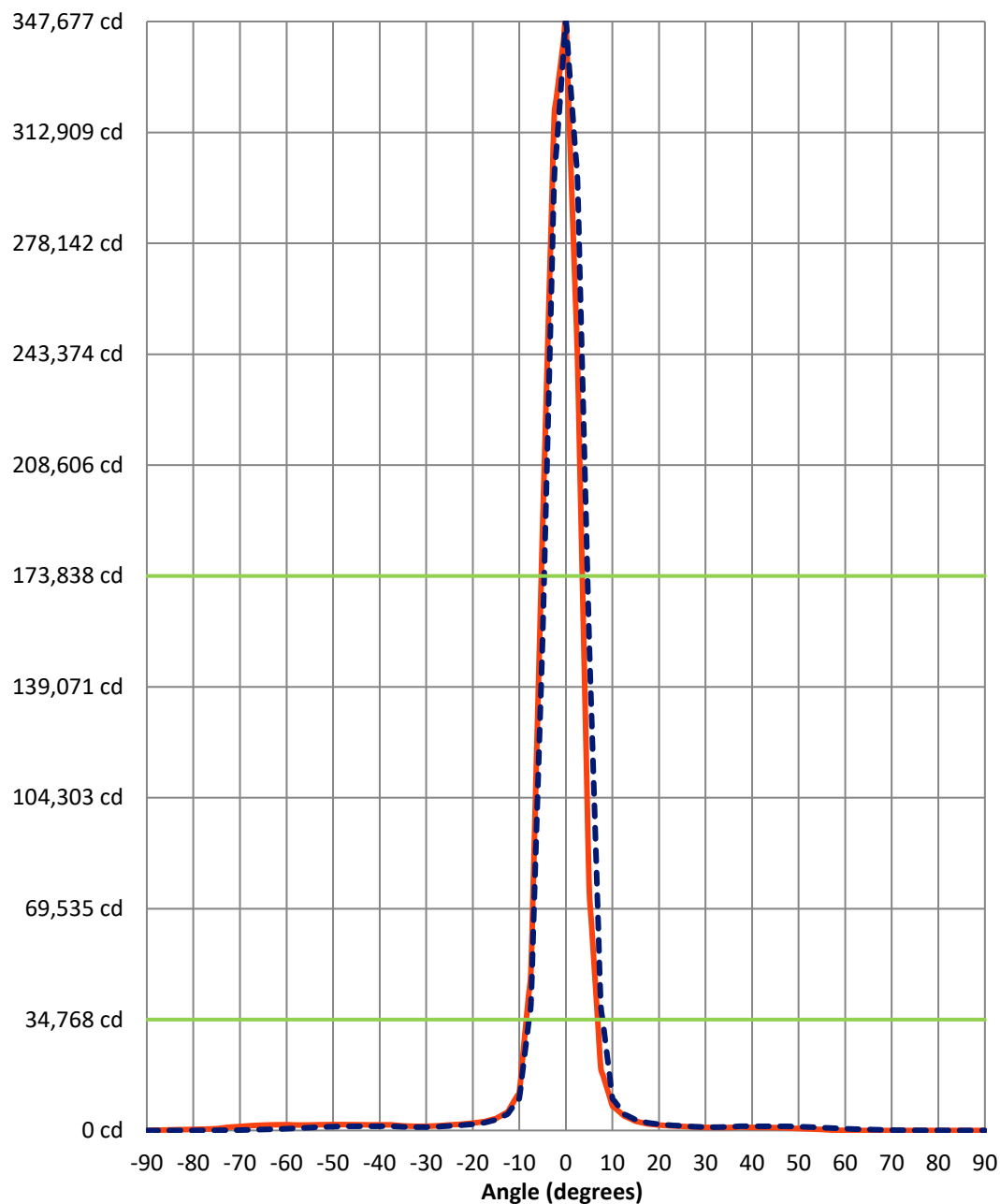
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5359.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8543.5

Efficiency: 57.8%

Spill:

Lumens: 6234.6

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	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	6.8	6.8	6.8	10.2	13.6	17.1	17.1	20.5
82.5°	0.0	3.4	3.4	6.8	6.8	10.2	10.2	17.1	20.5	23.9	30.7
80°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.6	17.1	23.9	27.3
77.5°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	10.2	13.6	17.1	20.5
75°	0.0	3.4	3.4	3.4	6.8	6.8	6.8	6.8	10.2	10.2	13.6
72.5°	0.0	0.0	0.0	3.4	3.4	6.8	6.8	6.8	10.2	10.2	10.2
70°	0.0	0.0	0.0	3.4	3.4	6.8	6.8	6.8	10.2	10.2	10.2
67.5°	0.0	0.0	0.0	3.4	3.4	6.8	6.8	6.8	10.2	10.2	10.2
65°	0.0	0.0	0.0	3.4	3.4	6.8	6.8	10.2	10.2	10.2	10.2
62.5°	3.4	3.4	3.4	6.8	10.2	10.2	13.6	17.1	17.1	17.1	17.1
60°	34.1	37.5	40.9	40.9	37.5	37.5	40.9	40.9	40.9	40.9	40.9
57.5°	92.1	98.9	102.3	102.3	102.3	98.9	112.6	116.0	102.3	95.5	105.8
55°	320.7	330.9	324.1	313.9	293.4	269.5	262.7	259.3	262.7	245.6	218.3
52.5°	467.4	477.6	474.2	467.4	453.7	436.7	423.0	409.4	395.7	368.4	337.7
50°	607.2	610.7	607.2	600.4	586.8	569.7	542.4	511.7	484.4	477.6	450.3
47.5°	764.2	774.4	774.4	771.0	760.8	730.1	689.1	644.8	624.3	617.5	590.2
45°	904.0	910.9	914.3	917.7	914.3	883.6	846.0	822.2	777.8	764.2	764.2
42.5°	941.6	945.0	948.4	951.8	962.0	938.2	907.5	866.5	856.3	852.9	846.0
40°	955.2	948.4	951.8	955.2	958.6	941.6	917.7	893.8	887.0	880.2	880.2
37.5°	1084.8	1054.1	1030.3	1009.8	992.7	975.7	951.8	931.3	914.3	900.6	914.3
35°	924.5	924.5	948.4	968.9	989.3	1009.8	1013.2	989.3	951.8	934.7	958.6
32.5°	945.0	945.0	945.0	951.8	958.6	975.7	992.7	1003.0	1030.3	999.6	999.6
30°	965.4	968.9	975.7	979.1	968.9	962.0	955.2	955.2	972.3	1016.6	1040.5
27.5°	1084.8	1084.8	1074.6	1061.0	1030.3	982.5	958.6	924.5	927.9	948.4	1006.4
25°	1279.3	1272.5	1248.6	1214.5	1159.9	1091.7	1026.9	955.2	924.5	914.3	938.2
22.5°	1463.5	1453.3	1422.6	1391.9	1347.5	1279.3	1170.1	1061.0	965.4	924.5	914.3
20°	1698.9	1675.0	1640.9	1593.2	1521.5	1453.3	1357.8	1214.5	1074.6	968.9	927.9
17.5°	2077.6	2046.9	1982.1	1896.8	1774.0	1668.2	1531.8	1395.3	1238.4	1067.8	975.7
15°	2906.6	2828.1	2715.5	2480.1	2237.9	2036.6	1832.0	1603.4	1443.1	1217.9	1078.0
12.5°	4571.4	4356.5	4029.0	3479.7	2937.3	2469.9	2139.0	1845.6	1586.3	1378.2	1180.4
10°	7737.2	7276.7	6372.6	4871.6	3872.0	3012.3	2418.7	2026.4	1698.9	1484.0	1265.7
7.5°	19568.2	15962.3	11295.4	7713.3	5066.0	3681.0	2766.7	2197.0	1818.3	1552.2	1333.9
5°	76266.9	62825.7	33514.3	13987.0	7621.2	4452.0	3080.6	2333.4	1896.8	1603.4	1385.1
2.5°	242047.5	209024.4	109665.2	30109.7	9357.7	5014.9	3295.5	2418.7	1941.1	1640.9	1422.6
0°	347676.9	297971.8	153908.6	39600.4	10149.1	5158.1	3363.7	2435.8	1948.0	1647.7	1422.6
-2.5°	318065.3	278369.4	148675.4	36850.7	10370.9	5199.1	3418.3	2493.8	1999.1	1678.4	1432.8
-5°	188992.2	165773.7	103712.2	26275.2	9214.4	4827.2	3275.0	2442.6	1965.0	1661.4	1426.0
-7.5°	49793.9	43107.4	28356.2	13710.7	5963.3	4083.5	3008.9	2357.3	1920.7	1630.7	1398.7
-10°	12005.0	11377.3	10162.8	6229.4	4643.0	3411.5	2667.8	2203.8	1832.0	1589.7	1354.4
-12.5°	5789.3	5652.8	5130.9	4230.2	3445.6	2834.9	2415.3	2043.5	1750.1	1518.1	1292.9
-15°	3766.3	3687.8	3510.4	3165.8	2766.7	2473.3	2179.9	1879.7	1647.7	1412.4	1241.8
-17.5°	2787.2	2783.8	2695.1	2565.4	2367.6	2149.2	1934.3	1743.3	1518.1	1316.8	1187.2
-20°	2309.6	2309.6	2258.4	2173.1	2033.2	1890.0	1746.7	1569.3	1385.1	1235.0	1180.4

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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°	1961.6	1965.0	1937.7	1883.1	1808.1	1688.7	1548.8	1405.5	1272.5	1217.9	1200.8
-25°	1736.4	1729.6	1698.9	1647.7	1569.3	1473.8	1381.6	1286.1	1248.6	1235.0	1258.8
-27.5°	1470.3	1480.6	1466.9	1443.1	1391.9	1323.7	1303.2	1275.9	1282.7	1303.2	1395.3
-30°	1313.4	1323.7	1337.3	1347.5	1330.5	1313.4	1320.2	1340.7	1385.1	1463.5	1497.6
-32.5°	1313.4	1316.8	1337.3	1357.8	1368.0	1381.6	1419.2	1487.4	1552.2	1531.8	1524.9
-35°	1432.8	1422.6	1449.9	1477.2	1514.7	1562.5	1603.4	1589.7	1565.9	1559.0	1565.9
-37.5°	1774.0	1709.1	1681.9	1664.8	1654.6	1647.7	1637.5	1627.3	1617.0	1610.2	1620.4
-40°	1770.6	1753.5	1736.4	1722.8	1712.6	1698.9	1692.1	1688.7	1678.4	1671.6	1664.8
-42.5°	1763.7	1770.6	1770.6	1767.1	1770.6	1767.1	1756.9	1743.3	1726.2	1712.6	1698.9
-45°	1814.9	1818.3	1825.1	1832.0	1842.2	1828.5	1808.1	1784.2	1760.3	1739.9	1722.8
-47.5°	1845.6	1849.0	1855.8	1866.1	1872.9	1859.3	1832.0	1801.3	1763.7	1729.6	1695.5
-50°	1855.8	1866.1	1869.5	1869.5	1866.1	1849.0	1808.1	1763.7	1722.8	1688.7	1658.0
-52.5°	1808.1	1818.3	1821.7	1814.9	1811.5	1794.4	1756.9	1716.0	1671.6	1647.7	1620.4
-55°	1729.6	1743.3	1753.5	1753.5	1753.5	1750.1	1716.0	1678.4	1644.3	1617.0	1589.7
-57.5°	1698.9	1722.8	1743.3	1746.7	1750.1	1753.5	1729.6	1692.1	1651.2	1610.2	1576.1
-60°	1811.5	1832.0	1842.2	1828.5	1818.3	1808.1	1770.6	1726.2	1685.3	1644.3	1579.5
-62.5°	1780.8	1814.9	1832.0	1821.7	1808.1	1791.0	1750.1	1698.9	1651.2	1606.8	1542.0
-65°	1681.9	1712.6	1733.0	1716.0	1695.5	1671.6	1634.1	1586.3	1542.0	1497.6	1439.6
-67.5°	1514.7	1559.0	1593.2	1555.6	1528.3	1497.6	1466.9	1426.0	1381.6	1330.5	1275.9
-70°	1252.0	1286.1	1316.8	1306.6	1299.8	1292.9	1272.5	1231.5	1194.0	1153.1	1105.3
-72.5°	1006.4	1037.1	1064.4	1047.3	1033.7	1013.2	982.5	938.2	893.8	849.5	805.1
-75°	556.1	566.3	576.5	573.1	573.1	573.1	573.1	576.5	569.7	559.5	539.0
-77.5°	426.4	440.1	450.3	457.1	467.4	481.0	491.3	474.2	457.1	440.1	419.6
-80°	334.3	348.0	358.2	395.7	423.0	453.7	474.2	450.3	426.4	406.0	388.9
-82.5°	252.4	262.7	272.9	293.4	307.0	324.1	337.7	337.7	334.3	330.9	320.7
-85°	184.2	197.9	211.5	218.3	228.6	228.6	232.0	218.3	204.7	194.5	180.8
-87.5°	105.8	109.2	109.2	109.2	112.6	112.6	112.6	105.8	102.3	95.5	92.1
-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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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°	3.4	3.4	3.4	6.8	6.8	10.2	10.2	13.6	13.6	17.1	17.1
85°	20.5	20.5	20.5	23.9	23.9	27.3	30.7	34.1	37.5	37.5	40.9
82.5°	34.1	37.5	40.9	44.3	47.8	51.2	54.6	58.0	68.2	75.1	78.5
80°	34.1	37.5	47.8	54.6	61.4	68.2	68.2	68.2	68.2	71.6	78.5
77.5°	23.9	27.3	30.7	37.5	54.6	68.2	78.5	85.3	78.5	75.1	68.2
75°	13.6	17.1	20.5	23.9	34.1	47.8	64.8	81.9	95.5	92.1	85.3
72.5°	13.6	13.6	17.1	20.5	23.9	27.3	30.7	47.8	68.2	85.3	95.5
70°	13.6	17.1	17.1	20.5	23.9	27.3	30.7	37.5	47.8	68.2	88.7
67.5°	13.6	17.1	17.1	23.9	30.7	34.1	37.5	34.1	30.7	44.3	64.8
65°	13.6	13.6	17.1	20.5	23.9	27.3	37.5	37.5	34.1	34.1	34.1
62.5°	20.5	20.5	20.5	20.5	23.9	23.9	23.9	30.7	30.7	30.7	30.7
60°	40.9	37.5	37.5	37.5	37.5	30.7	30.7	30.7	27.3	30.7	27.3
57.5°	98.9	81.9	75.1	75.1	64.8	61.4	51.2	37.5	37.5	30.7	30.7
55°	201.3	191.0	160.3	133.0	119.4	105.8	81.9	68.2	51.2	40.9	37.5
52.5°	310.4	283.2	255.9	221.7	187.6	160.3	136.5	105.8	85.3	61.4	47.8
50°	406.0	382.1	351.4	313.9	269.5	235.4	201.3	160.3	126.2	95.5	68.2
47.5°	552.7	504.9	467.4	423.0	371.9	324.1	279.7	232.0	177.4	139.9	105.8
45°	709.6	641.4	590.2	549.2	481.0	416.2	365.0	313.9	249.0	184.2	143.3
42.5°	818.8	767.6	699.4	644.8	583.4	515.1	446.9	392.3	324.1	249.0	184.2
40°	876.7	842.6	788.1	740.3	675.5	600.4	528.8	474.2	402.6	320.7	232.0
37.5°	921.1	904.0	876.7	839.2	777.8	689.1	617.5	552.7	491.3	395.7	300.2
35°	972.3	968.9	951.8	934.7	883.6	798.3	713.0	637.9	562.9	474.2	368.4
32.5°	1020.0	1016.6	1006.4	999.6	979.1	904.0	811.9	726.6	641.4	549.2	433.3
30°	1043.9	1037.1	1037.1	1043.9	1023.4	975.7	907.5	815.3	719.8	610.7	501.5
27.5°	1043.9	1037.1	1040.5	1050.7	1047.3	1023.4	972.3	897.2	791.5	668.6	562.9
25°	999.6	1033.7	1033.7	1047.3	1050.7	1043.9	1016.6	968.9	859.7	730.1	610.7
22.5°	938.2	1020.0	1050.7	1047.3	1050.7	1067.8	1071.2	1026.9	924.5	791.5	658.4
20°	938.2	996.2	1084.8	1061.0	1067.8	1105.3	1122.4	1084.8	992.7	849.5	706.2
17.5°	958.6	996.2	1071.2	1108.7	1119.0	1149.7	1177.0	1153.1	1054.1	910.9	771.0
15°	1016.6	1009.8	1061.0	1153.1	1170.1	1194.0	1224.7	1197.4	1108.7	979.1	832.4
12.5°	1057.6	1020.0	1061.0	1159.9	1214.5	1238.4	1248.6	1228.1	1156.5	1040.5	893.8
10°	1112.1	1047.3	1067.8	1153.1	1231.5	1248.6	1258.8	1252.0	1200.8	1091.7	948.4
7.5°	1153.1	1061.0	1061.0	1142.8	1248.6	1262.2	1269.1	1275.9	1238.4	1136.0	996.2
5°	1170.1	1061.0	1054.1	1132.6	1265.7	1279.3	1279.3	1289.5	1265.7	1170.1	1030.3
2.5°	1173.5	1057.6	1047.3	1125.8	1296.4	1296.4	1289.5	1299.8	1286.1	1190.6	1054.1
0°	1190.6	1054.1	1043.9	1136.0	1330.5	1316.8	1299.8	1303.2	1296.4	1200.8	1067.8
-2.5°	1190.6	1071.2	1057.6	1142.8	1327.1	1323.7	1316.8	1320.2	1313.4	1231.5	1095.1
-5°	1207.7	1095.1	1081.4	1173.5	1323.7	1333.9	1337.3	1337.3	1327.1	1252.0	1112.1
-7.5°	1211.1	1112.1	1108.7	1204.3	1330.5	1347.5	1357.8	1364.6	1344.1	1265.7	1125.8
-10°	1194.0	1119.0	1136.0	1241.8	1337.3	1361.2	1381.6	1391.9	1357.8	1272.5	1132.6
-12.5°	1156.5	1119.0	1163.3	1289.5	1354.4	1381.6	1412.4	1415.8	1371.4	1275.9	1136.0
-15°	1153.1	1146.3	1211.1	1337.3	1364.6	1398.7	1446.5	1436.2	1381.6	1275.9	1136.0
-17.5°	1149.7	1183.8	1282.7	1354.4	1381.6	1419.2	1456.7	1446.5	1388.5	1275.9	1129.2
-20°	1180.4	1245.2	1368.0	1371.4	1402.1	1443.1	1463.5	1443.1	1378.2	1265.7	1119.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1231.5	1354.4	1395.3	1408.9	1436.2	1466.9	1477.2	1446.5	1368.0	1248.6	1101.9
-25°	1361.2	1422.6	1422.6	1453.3	1480.6	1494.2	1484.0	1449.9	1354.4	1231.5	1084.8
-27.5°	1460.1	1456.7	1473.8	1504.5	1528.3	1528.3	1501.0	1432.8	1333.9	1214.5	1061.0
-30°	1497.6	1501.0	1524.9	1559.0	1565.9	1548.8	1507.9	1419.2	1316.8	1187.2	1030.3
-32.5°	1535.2	1548.8	1579.5	1596.6	1600.0	1565.9	1490.8	1395.3	1289.5	1156.5	996.2
-35°	1579.5	1606.8	1623.9	1627.3	1610.2	1552.2	1466.9	1364.6	1248.6	1112.1	965.4
-37.5°	1637.5	1651.2	1661.4	1647.7	1600.0	1531.8	1426.0	1323.7	1211.1	1064.4	921.1
-40°	1675.0	1681.9	1685.3	1640.9	1582.9	1484.0	1381.6	1275.9	1146.3	1009.8	873.3
-42.5°	1698.9	1692.1	1664.8	1617.0	1531.8	1436.2	1337.3	1217.9	1088.3	955.2	822.2
-45°	1692.1	1668.2	1627.3	1569.3	1480.6	1385.1	1269.1	1149.7	1026.9	897.2	764.2
-47.5°	1664.8	1627.3	1576.1	1507.9	1426.0	1310.0	1194.0	1078.0	958.6	832.4	709.6
-50°	1630.7	1586.3	1524.9	1439.6	1330.5	1224.7	1119.0	1006.4	883.6	767.6	658.4
-52.5°	1593.2	1545.4	1466.9	1371.4	1252.0	1142.8	1040.5	931.3	818.8	709.6	614.1
-55°	1552.2	1504.5	1415.8	1306.6	1187.2	1067.8	968.9	876.7	767.6	661.8	576.5
-57.5°	1531.8	1470.3	1378.2	1269.1	1142.8	1020.0	934.7	835.8	736.9	627.7	545.8
-60°	1514.7	1453.3	1368.0	1241.8	1122.4	1006.4	907.5	811.9	706.2	603.8	522.0
-62.5°	1466.9	1402.1	1323.7	1200.8	1084.8	979.1	890.4	777.8	675.5	580.0	504.9
-65°	1371.4	1303.2	1235.0	1125.8	1020.0	921.1	832.4	730.1	634.5	552.7	487.8
-67.5°	1221.3	1163.3	1101.9	1009.8	921.1	832.4	750.5	661.8	583.4	525.4	491.3
-70°	1054.1	992.7	931.3	856.3	781.2	709.6	644.8	580.0	528.8	498.1	470.8
-72.5°	767.6	740.3	709.6	651.6	590.2	545.8	515.1	487.8	450.3	423.0	406.0
-75°	511.7	474.2	426.4	406.0	409.4	402.6	385.5	365.0	348.0	337.7	313.9
-77.5°	399.1	378.7	354.8	330.9	320.7	310.4	296.8	279.7	266.1	242.2	208.1
-80°	368.4	351.4	334.3	317.3	300.2	276.3	249.0	221.7	208.1	197.9	194.5
-82.5°	303.6	283.2	262.7	245.6	221.7	204.7	187.6	174.0	174.0	170.6	167.2
-85°	174.0	167.2	156.9	150.1	143.3	133.0	122.8	116.0	112.6	109.2	105.8
-87.5°	88.7	85.3	78.5	75.1	71.6	68.2	61.4	58.0	54.6	54.6	51.2
-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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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°	17.1	17.1	13.6	13.6	13.6	10.2	6.8	6.8	3.4	3.4	0.0
85°	40.9	34.1	30.7	27.3	27.3	20.5	13.6	10.2	6.8	3.4	3.4
82.5°	78.5	68.2	58.0	51.2	40.9	30.7	23.9	17.1	10.2	6.8	3.4
80°	88.7	88.7	85.3	71.6	58.0	44.3	30.7	20.5	13.6	10.2	6.8
77.5°	68.2	75.1	75.1	75.1	71.6	54.6	37.5	23.9	13.6	10.2	6.8
75°	78.5	68.2	64.8	68.2	64.8	54.6	44.3	27.3	17.1	13.6	6.8
72.5°	95.5	81.9	71.6	68.2	61.4	51.2	40.9	30.7	17.1	13.6	10.2
70°	88.7	85.3	78.5	71.6	61.4	51.2	40.9	30.7	20.5	13.6	10.2
67.5°	78.5	78.5	78.5	71.6	61.4	47.8	37.5	27.3	20.5	13.6	10.2
65°	54.6	64.8	71.6	68.2	61.4	47.8	37.5	27.3	20.5	17.1	10.2
62.5°	34.1	44.3	58.0	64.8	58.0	47.8	34.1	27.3	20.5	17.1	10.2
60°	30.7	34.1	40.9	51.2	54.6	44.3	34.1	23.9	20.5	17.1	10.2
57.5°	30.7	30.7	34.1	40.9	44.3	40.9	30.7	20.5	20.5	17.1	13.6
55°	34.1	30.7	30.7	34.1	37.5	37.5	30.7	20.5	20.5	17.1	13.6
52.5°	40.9	34.1	30.7	30.7	30.7	34.1	27.3	20.5	20.5	17.1	13.6
50°	51.2	40.9	37.5	30.7	30.7	30.7	27.3	20.5	17.1	17.1	13.6
47.5°	68.2	54.6	40.9	37.5	30.7	27.3	23.9	20.5	17.1	17.1	13.6
45°	102.3	64.8	54.6	40.9	34.1	30.7	27.3	20.5	17.1	17.1	13.6
42.5°	139.9	95.5	68.2	47.8	37.5	30.7	27.3	23.9	17.1	17.1	13.6
40°	177.4	129.6	85.3	61.4	44.3	34.1	27.3	23.9	20.5	17.1	13.6
37.5°	218.3	160.3	112.6	78.5	51.2	37.5	30.7	23.9	20.5	17.1	13.6
35°	269.5	201.3	139.9	95.5	61.4	44.3	34.1	23.9	20.5	17.1	13.6
32.5°	327.5	238.8	167.2	116.0	78.5	54.6	37.5	27.3	20.5	17.1	13.6
30°	382.1	283.2	197.9	139.9	95.5	61.4	40.9	27.3	20.5	17.1	10.2
27.5°	436.7	327.5	235.4	163.8	116.0	71.6	44.3	30.7	20.5	17.1	13.6
25°	491.3	371.9	272.9	187.6	133.0	85.3	54.6	34.1	20.5	17.1	13.6
22.5°	539.0	416.2	307.0	214.9	153.5	98.9	61.4	37.5	23.9	17.1	13.6
20°	593.6	464.0	344.6	245.6	170.6	112.6	68.2	40.9	23.9	17.1	13.6
17.5°	644.8	511.7	382.1	272.9	191.0	126.2	78.5	44.3	27.3	17.1	13.6
15°	695.9	556.1	416.2	300.2	211.5	139.9	85.3	47.8	30.7	17.1	13.6
12.5°	743.7	597.0	446.9	324.1	228.6	153.5	92.1	51.2	34.1	17.1	13.6
10°	788.1	634.5	477.6	344.6	245.6	163.8	98.9	58.0	37.5	17.1	13.6
7.5°	832.4	665.2	501.5	365.0	266.1	177.4	105.8	61.4	40.9	20.5	13.6
5°	859.7	692.5	522.0	382.1	283.2	191.0	112.6	64.8	44.3	20.5	13.6
2.5°	883.6	713.0	535.6	399.1	300.2	201.3	112.6	68.2	47.8	20.5	13.6
0°	897.2	726.6	545.8	409.4	313.9	208.1	116.0	71.6	51.2	20.5	13.6
-2.5°	927.9	750.5	569.7	423.0	327.5	228.6	122.8	75.1	54.6	23.9	13.6
-5°	948.4	764.2	586.8	436.7	337.7	249.0	133.0	81.9	61.4	30.7	17.1
-7.5°	965.4	777.8	600.4	443.5	348.0	255.9	136.5	85.3	64.8	34.1	17.1
-10°	968.9	784.6	610.7	453.7	354.8	266.1	139.9	88.7	68.2	37.5	17.1
-12.5°	972.3	791.5	614.1	460.5	361.6	272.9	143.3	92.1	71.6	40.9	17.1
-15°	968.9	788.1	614.1	467.4	365.0	266.1	150.1	95.5	75.1	44.3	17.1
-17.5°	962.0	784.6	610.7	464.0	361.6	259.3	153.5	102.3	75.1	47.8	20.5
-20°	951.8	774.4	603.8	460.5	358.2	252.4	156.9	105.8	78.5	47.8	20.5

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CATALOG NUMBER: IFLD-S-SA6B-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°	934.7	757.3	590.2	450.3	351.4	245.6	156.9	112.6	81.9	47.8	20.5
-25°	914.3	740.3	576.5	436.7	341.1	235.4	156.9	116.0	85.3	47.8	20.5
-27.5°	890.4	723.2	556.1	426.4	327.5	228.6	156.9	119.4	88.7	47.8	20.5
-30°	863.1	699.4	539.0	409.4	317.3	228.6	160.3	122.8	92.1	47.8	20.5
-32.5°	835.8	675.5	518.5	395.7	303.6	225.2	160.3	126.2	95.5	44.3	23.9
-35°	805.1	648.2	501.5	385.5	293.4	218.3	163.8	126.2	92.1	44.3	23.9
-37.5°	767.6	614.1	484.4	375.3	286.6	211.5	163.8	129.6	88.7	44.3	23.9
-40°	726.6	586.8	464.0	361.6	276.3	208.1	163.8	129.6	85.3	44.3	27.3
-42.5°	682.3	556.1	443.5	348.0	266.1	204.7	163.8	129.6	81.9	44.3	27.3
-45°	641.4	525.4	419.6	330.9	255.9	204.7	163.8	126.2	75.1	47.8	27.3
-47.5°	597.0	491.3	392.3	313.9	252.4	201.3	160.3	119.4	68.2	47.8	27.3
-50°	559.5	457.1	371.9	296.8	245.6	204.7	163.8	109.2	68.2	47.8	27.3
-52.5°	522.0	433.3	348.0	290.0	238.8	208.1	160.3	102.3	68.2	47.8	27.3
-55°	491.3	409.4	334.3	279.7	245.6	214.9	153.5	92.1	68.2	47.8	27.3
-57.5°	467.4	395.7	324.1	283.2	255.9	208.1	143.3	88.7	68.2	44.3	27.3
-60°	450.3	382.1	327.5	296.8	259.3	197.9	136.5	88.7	68.2	44.3	23.9
-62.5°	436.7	385.5	344.6	307.0	245.6	184.2	129.6	88.7	61.4	40.9	23.9
-65°	440.1	399.1	351.4	293.4	235.4	170.6	119.4	85.3	58.0	37.5	23.9
-67.5°	450.3	388.9	330.9	276.3	211.5	153.5	109.2	78.5	54.6	37.5	23.9
-70°	416.2	358.2	300.2	235.4	180.8	133.0	102.3	71.6	47.8	34.1	23.9
-72.5°	375.3	300.2	238.8	191.0	153.5	122.8	92.1	64.8	44.3	30.7	20.5
-75°	272.9	218.3	177.4	160.3	136.5	109.2	81.9	58.0	40.9	30.7	20.5
-77.5°	194.5	180.8	163.8	146.7	122.8	95.5	71.6	54.6	37.5	27.3	17.1
-80°	191.0	174.0	153.5	126.2	102.3	81.9	61.4	47.8	34.1	23.9	13.6
-82.5°	160.3	136.5	116.0	95.5	78.5	64.8	51.2	37.5	27.3	17.1	10.2
-85°	98.9	85.3	75.1	64.8	54.6	44.3	34.1	23.9	17.1	10.2	6.8
-87.5°	47.8	44.3	37.5	30.7	27.3	20.5	17.1	13.6	10.2	6.8	3.4
-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-S-SA6B-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°	3.4	0.0	0.0	0.0
80°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	6.8	3.4	3.4	0.0
67.5°	6.8	3.4	3.4	0.0
65°	6.8	3.4	3.4	0.0
62.5°	6.8	3.4	3.4	0.0
60°	6.8	3.4	3.4	0.0
57.5°	6.8	3.4	3.4	0.0
55°	6.8	3.4	3.4	0.0
52.5°	6.8	3.4	3.4	0.0
50°	6.8	3.4	3.4	0.0
47.5°	6.8	6.8	3.4	0.0
45°	6.8	6.8	3.4	0.0
42.5°	6.8	6.8	3.4	0.0
40°	6.8	6.8	3.4	0.0
37.5°	6.8	6.8	3.4	0.0
35°	6.8	6.8	3.4	0.0
32.5°	10.2	6.8	3.4	0.0
30°	10.2	6.8	6.8	0.0
27.5°	10.2	6.8	6.8	0.0
25°	10.2	6.8	6.8	0.0
22.5°	10.2	6.8	6.8	0.0
20°	10.2	6.8	6.8	0.0
17.5°	10.2	6.8	6.8	0.0
15°	10.2	6.8	6.8	0.0
12.5°	10.2	6.8	6.8	0.0
10°	10.2	6.8	6.8	0.0
7.5°	10.2	6.8	6.8	0.0
5°	10.2	6.8	6.8	0.0
2.5°	10.2	6.8	6.8	0.0
0°	10.2	6.8	6.8	0.0
-2.5°	10.2	6.8	6.8	0.0
-5°	10.2	6.8	6.8	0.0
-7.5°	10.2	6.8	6.8	0.0
-10°	10.2	6.8	6.8	0.0
-12.5°	13.6	6.8	6.8	0.0
-15°	13.6	6.8	6.8	0.0
-17.5°	13.6	6.8	6.8	0.0
-20°	13.6	6.8	6.8	0.0



REPORT NUMBER: P723644

CATALOG NUMBER: IFLD-S-SA6B-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.6	6.8	6.8	0.0
-25°	13.6	6.8	6.8	0.0
-27.5°	13.6	6.8	6.8	0.0
-30°	13.6	6.8	6.8	0.0
-32.5°	13.6	6.8	6.8	0.0
-35°	13.6	6.8	6.8	0.0
-37.5°	13.6	6.8	6.8	0.0
-40°	13.6	6.8	6.8	0.0
-42.5°	10.2	6.8	3.4	0.0
-45°	13.6	6.8	3.4	0.0
-47.5°	13.6	6.8	3.4	0.0
-50°	13.6	6.8	3.4	0.0
-52.5°	13.6	6.8	3.4	0.0
-55°	13.6	6.8	3.4	0.0
-57.5°	13.6	6.8	3.4	0.0
-60°	13.6	6.8	3.4	0.0
-62.5°	13.6	6.8	3.4	0.0
-65°	13.6	6.8	3.4	0.0
-67.5°	13.6	6.8	3.4	0.0
-70°	13.6	3.4	3.4	0.0
-72.5°	10.2	3.4	3.4	0.0
-75°	10.2	3.4	3.4	0.0
-77.5°	6.8	3.4	0.0	0.0
-80°	6.8	3.4	0.0	0.0
-82.5°	6.8	3.4	0.0	0.0
-85°	3.4	0.0	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)