

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: P723678

Luminaire Tested: **IFLD-M-SA4B-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723678
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11010 lumens	Max Intensity:	259026.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	66.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	3992.7 lumens	Field Lumens:	6365.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

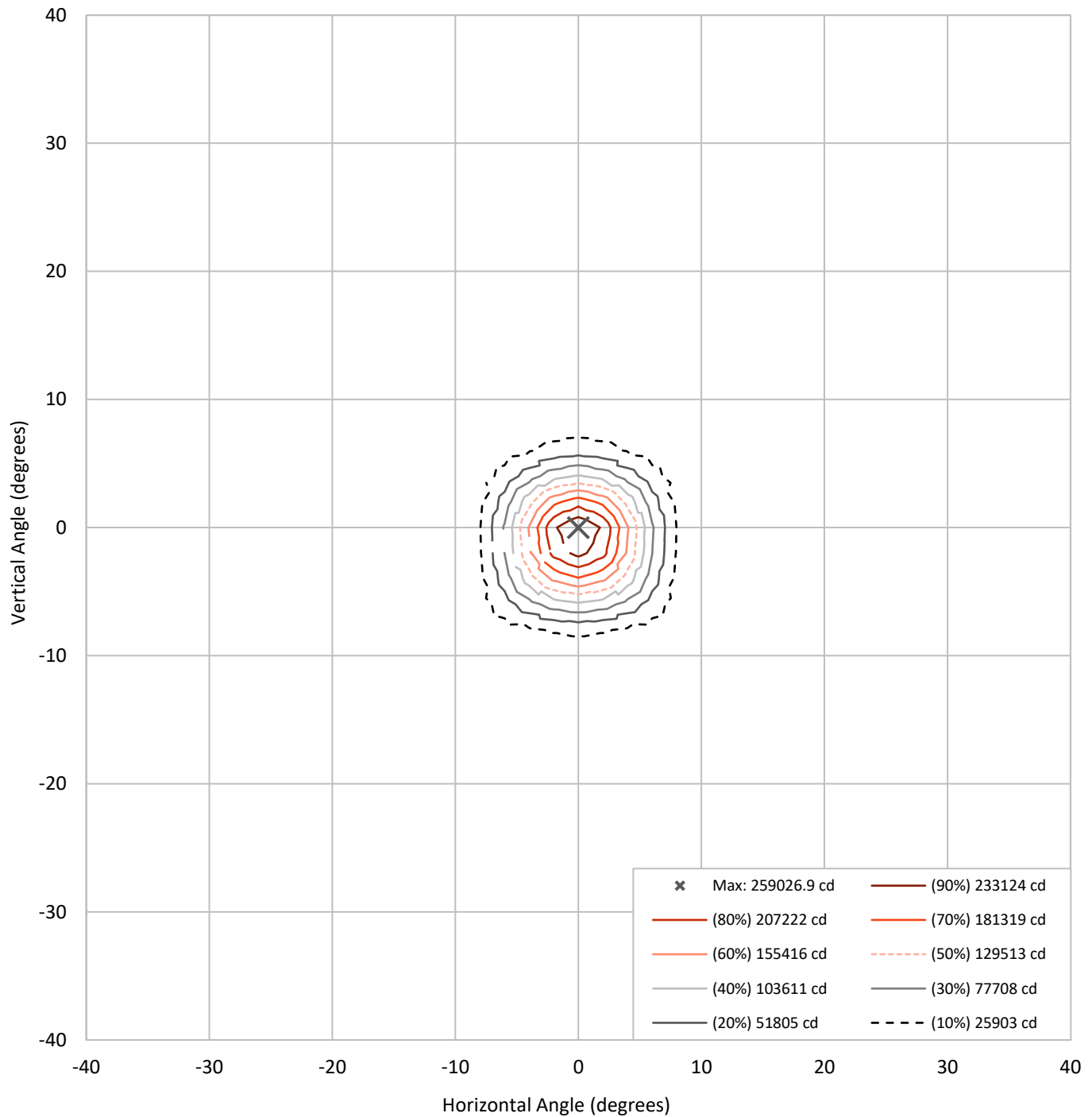
Input Watts (W): 166.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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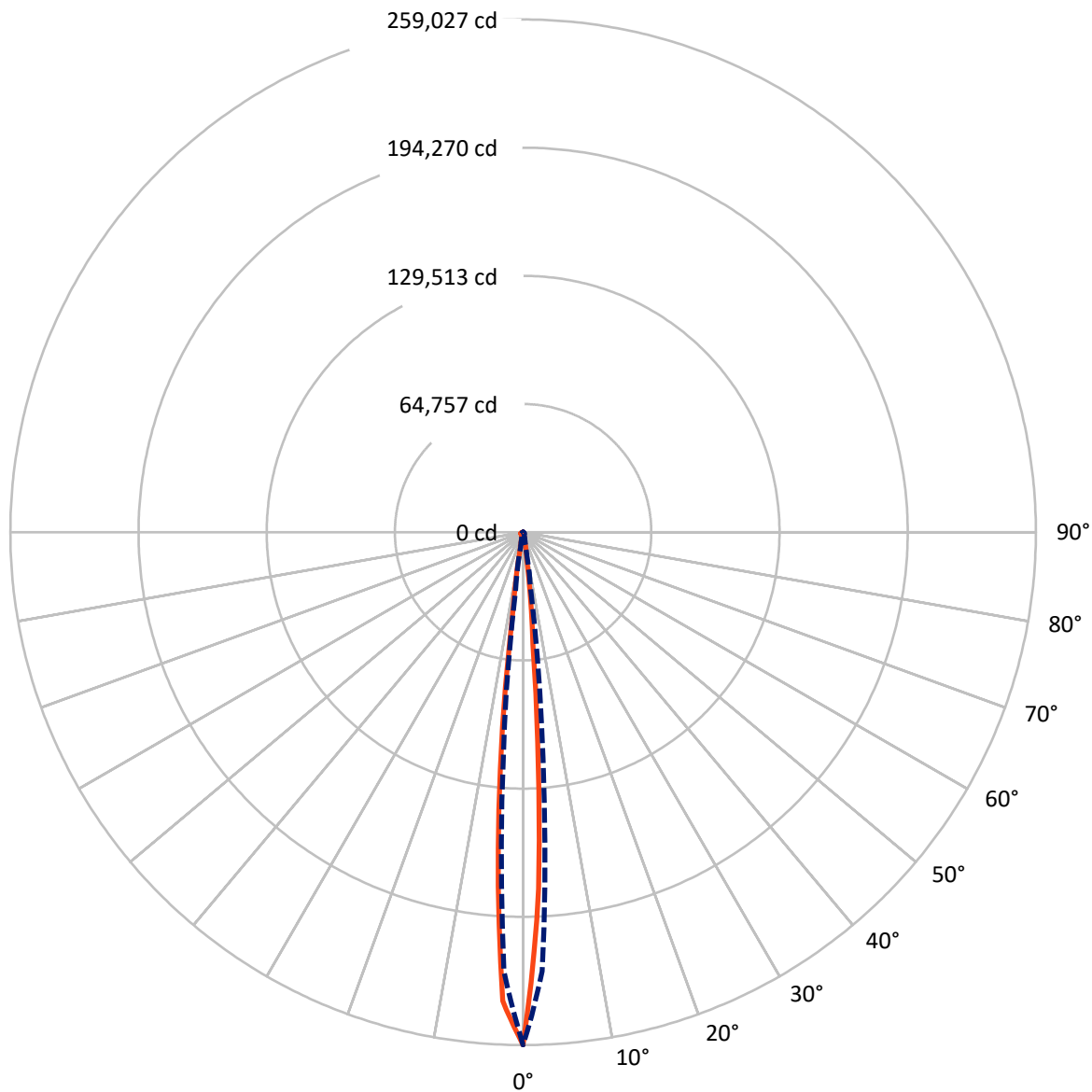
Lumen Table

[illegible]

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Luminous Intensity Polar Plot



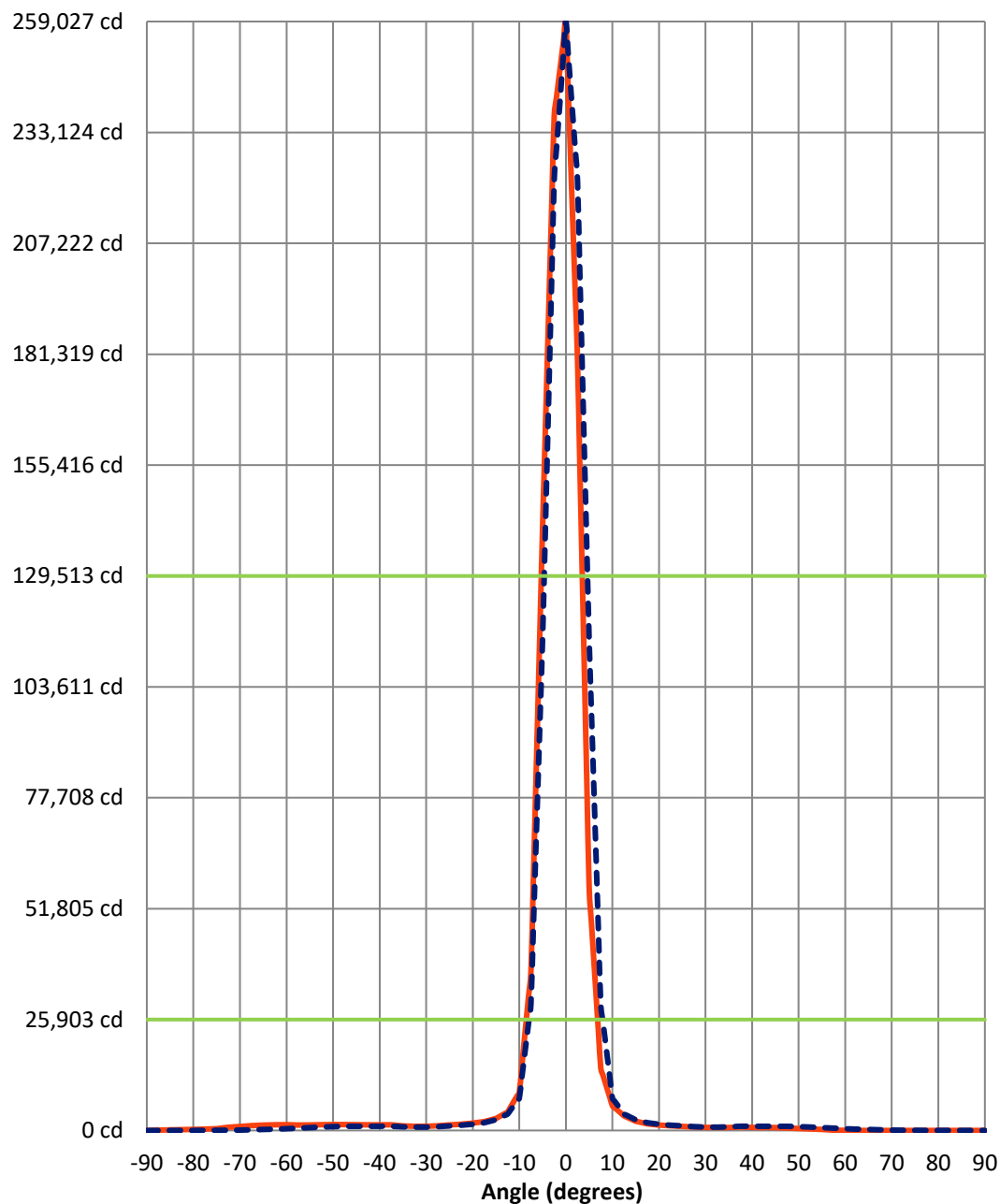
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3992.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6365.1

Efficiency: 57.8%

Spill:

Lumens: 4644.9

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	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
85°	0.0	2.5	2.5	5.1	5.1	5.1	7.6	10.2	12.7	12.7	15.2
82.5°	0.0	2.5	2.5	5.1	5.1	7.6	7.6	12.7	15.2	17.8	22.9
80°	2.5	2.5	2.5	5.1	5.1	7.6	7.6	10.2	12.7	17.8	20.3
77.5°	0.0	2.5	2.5	2.5	5.1	5.1	5.1	7.6	10.2	12.7	15.2
75°	0.0	2.5	2.5	2.5	5.1	5.1	5.1	5.1	7.6	7.6	10.2
72.5°	0.0	0.0	0.0	2.5	2.5	5.1	5.1	5.1	7.6	7.6	7.6
70°	0.0	0.0	0.0	2.5	2.5	5.1	5.1	5.1	7.6	7.6	7.6
67.5°	0.0	0.0	0.0	2.5	2.5	5.1	5.1	5.1	7.6	7.6	7.6
65°	0.0	0.0	0.0	2.5	2.5	5.1	5.1	7.6	7.6	7.6	7.6
62.5°	2.5	2.5	2.5	5.1	7.6	7.6	10.2	12.7	12.7	12.7	12.7
60°	25.4	28.0	30.5	30.5	28.0	28.0	30.5	30.5	30.5	30.5	30.5
57.5°	68.6	73.7	76.2	76.2	76.2	73.7	83.9	86.4	76.2	71.2	78.8
55°	238.9	246.5	241.5	233.8	218.6	200.8	195.7	193.2	195.7	183.0	162.7
52.5°	348.2	355.8	353.3	348.2	338.0	325.3	315.2	305.0	294.8	274.5	251.6
50°	452.4	455.0	452.4	447.3	437.2	424.5	404.1	381.2	360.9	355.8	335.5
47.5°	569.3	576.9	576.9	574.4	566.8	543.9	513.4	480.4	465.1	460.0	439.7
45°	673.5	678.6	681.2	683.7	681.2	658.3	630.3	612.5	579.5	569.3	569.3
42.5°	701.5	704.0	706.6	709.1	716.7	698.9	676.1	645.6	637.9	635.4	630.3
40°	711.7	706.6	709.1	711.7	714.2	701.5	683.7	665.9	660.8	655.7	655.7
37.5°	808.2	785.4	767.6	752.3	739.6	726.9	709.1	693.9	681.2	671.0	681.2
35°	688.8	688.8	706.6	721.8	737.1	752.3	754.9	737.1	709.1	696.4	714.2
32.5°	704.0	704.0	704.0	709.1	714.2	726.9	739.6	747.2	767.6	744.7	744.7
30°	719.3	721.8	726.9	729.4	721.8	716.7	711.7	711.7	724.4	757.4	775.2
27.5°	808.2	808.2	800.6	790.4	767.6	732.0	714.2	688.8	691.3	706.6	749.8
25°	953.1	948.0	930.2	904.8	864.2	813.3	765.0	711.7	688.8	681.2	698.9
22.5°	1090.4	1082.7	1059.9	1037.0	1003.9	953.1	871.8	790.4	719.3	688.8	681.2
20°	1265.7	1247.9	1222.5	1186.9	1133.6	1082.7	1011.6	904.8	800.6	721.8	691.3
17.5°	1547.8	1525.0	1476.7	1413.1	1321.6	1242.9	1141.2	1039.5	922.6	795.5	726.9
15°	2165.5	2107.0	2023.1	1847.8	1667.3	1517.3	1364.9	1194.6	1075.1	907.4	803.2
12.5°	3405.8	3245.7	3001.7	2592.5	2188.3	1840.1	1593.6	1375.0	1181.9	1026.8	879.4
10°	5764.4	5421.3	4747.8	3629.4	2884.7	2244.3	1802.0	1509.7	1265.7	1105.6	942.9
7.5°	14578.7	11892.3	8415.3	5746.6	3774.3	2742.4	2061.3	1636.8	1354.7	1156.4	993.8
5°	56820.5	46806.5	24968.9	10420.7	5678.0	3316.8	2295.1	1738.5	1413.1	1194.6	1031.9
2.5°	180330.6	155727.7	81703.0	22432.4	6971.7	3736.2	2455.2	1802.0	1446.2	1222.5	1059.9
0°	259026.9	221995.5	114665.3	29503.2	7561.3	3842.9	2506.0	1814.7	1451.3	1227.6	1059.9
-2.5°	236965.6	207391.3	110766.4	27454.6	7726.5	3873.4	2546.7	1857.9	1489.4	1250.5	1067.5
-5°	140803.3	123505.0	77267.9	19575.6	6864.9	3596.4	2440.0	1819.8	1464.0	1237.8	1062.4
-7.5°	37097.5	32115.9	21126.0	10214.8	4442.8	3042.3	2241.7	1756.3	1430.9	1214.9	1042.1
-10°	8944.0	8476.3	7571.5	4641.0	3459.1	2541.6	1987.5	1641.9	1364.9	1184.4	1009.0
-12.5°	4313.1	4211.5	3822.6	3151.6	2567.0	2112.1	1799.5	1522.4	1303.9	1131.0	963.3
-15°	2806.0	2747.5	2615.3	2358.6	2061.3	1842.7	1624.1	1400.4	1227.6	1052.2	925.2
-17.5°	2076.5	2074.0	2007.9	1911.3	1763.9	1601.2	1441.1	1298.8	1131.0	981.1	884.5
-20°	1720.7	1720.7	1682.6	1619.0	1514.8	1408.1	1301.3	1169.1	1031.9	920.1	879.4

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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°	1461.4	1464.0	1443.6	1403.0	1347.1	1258.1	1153.9	1047.1	948.0	907.4	894.7
-25°	1293.7	1288.6	1265.7	1227.6	1169.1	1098.0	1029.4	958.2	930.2	920.1	937.9
-27.5°	1095.4	1103.1	1092.9	1075.1	1037.0	986.1	970.9	950.6	955.6	970.9	1039.5
-30°	978.5	986.1	996.3	1003.9	991.2	978.5	983.6	998.9	1031.9	1090.4	1115.8
-32.5°	978.5	981.1	996.3	1011.6	1019.2	1029.4	1057.3	1108.1	1156.4	1141.2	1136.1
-35°	1067.5	1059.9	1080.2	1100.5	1128.5	1164.1	1194.6	1184.4	1166.6	1161.5	1166.6
-37.5°	1321.6	1273.4	1253.0	1240.3	1232.7	1227.6	1220.0	1212.4	1204.7	1199.6	1207.3
-40°	1319.1	1306.4	1293.7	1283.5	1275.9	1265.7	1260.6	1258.1	1250.5	1245.4	1240.3
-42.5°	1314.0	1319.1	1319.1	1316.6	1319.1	1316.6	1308.9	1298.8	1286.1	1275.9	1265.7
-45°	1352.1	1354.7	1359.8	1364.9	1372.5	1362.3	1347.1	1329.3	1311.5	1296.2	1283.5
-47.5°	1375.0	1377.6	1382.6	1390.3	1395.4	1385.2	1364.9	1342.0	1314.0	1288.6	1263.2
-50°	1382.6	1390.3	1392.8	1392.8	1390.3	1377.6	1347.1	1314.0	1283.5	1258.1	1235.2
-52.5°	1347.1	1354.7	1357.2	1352.1	1349.6	1336.9	1308.9	1278.4	1245.4	1227.6	1207.3
-55°	1288.6	1298.8	1306.4	1306.4	1306.4	1303.9	1278.4	1250.5	1225.1	1204.7	1184.4
-57.5°	1265.7	1283.5	1298.8	1301.3	1303.9	1306.4	1288.6	1260.6	1230.1	1199.6	1174.2
-60°	1349.6	1364.9	1372.5	1362.3	1354.7	1347.1	1319.1	1286.1	1255.6	1225.1	1176.8
-62.5°	1326.7	1352.1	1364.9	1357.2	1347.1	1334.4	1303.9	1265.7	1230.1	1197.1	1148.8
-65°	1253.0	1275.9	1291.1	1278.4	1263.2	1245.4	1217.4	1181.9	1148.8	1115.8	1072.6
-67.5°	1128.5	1161.5	1186.9	1159.0	1138.6	1115.8	1092.9	1062.4	1029.4	991.2	950.6
-70°	932.8	958.2	981.1	973.4	968.4	963.3	948.0	917.5	889.6	859.1	823.5
-72.5°	749.8	772.7	793.0	780.3	770.1	754.9	732.0	698.9	665.9	632.9	599.8
-75°	414.3	421.9	429.5	427.0	427.0	427.0	427.0	429.5	424.5	416.8	401.6
-77.5°	317.7	327.9	335.5	340.6	348.2	358.4	366.0	353.3	340.6	327.9	312.6
-80°	249.1	259.2	266.9	294.8	315.2	338.0	353.3	335.5	317.7	302.5	289.7
-82.5°	188.1	195.7	203.3	218.6	228.7	241.5	251.6	251.6	249.1	246.5	238.9
-85°	137.2	147.4	157.6	162.7	170.3	170.3	172.8	162.7	152.5	144.9	134.7
-87.5°	78.8	81.3	81.3	81.3	83.9	83.9	83.9	78.8	76.2	71.2	68.6
-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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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°	2.5	2.5	2.5	5.1	5.1	7.6	7.6	10.2	10.2	12.7	12.7
85°	15.2	15.2	15.2	17.8	17.8	20.3	22.9	25.4	28.0	28.0	30.5
82.5°	25.4	28.0	30.5	33.0	35.6	38.1	40.7	43.2	50.8	55.9	58.5
80°	25.4	28.0	35.6	40.7	45.7	50.8	50.8	50.8	50.8	53.4	58.5
77.5°	17.8	20.3	22.9	28.0	40.7	50.8	58.5	63.5	58.5	55.9	50.8
75°	10.2	12.7	15.2	17.8	25.4	35.6	48.3	61.0	71.2	68.6	63.5
72.5°	10.2	10.2	12.7	15.2	17.8	20.3	22.9	35.6	50.8	63.5	71.2
70°	10.2	12.7	12.7	15.2	17.8	20.3	22.9	28.0	35.6	50.8	66.1
67.5°	10.2	12.7	12.7	17.8	22.9	25.4	28.0	25.4	22.9	33.0	48.3
65°	10.2	10.2	12.7	15.2	17.8	20.3	28.0	28.0	25.4	25.4	25.4
62.5°	15.2	15.2	15.2	15.2	17.8	17.8	17.8	22.9	22.9	22.9	22.9
60°	30.5	28.0	28.0	28.0	28.0	22.9	22.9	22.9	20.3	22.9	20.3
57.5°	73.7	61.0	55.9	55.9	48.3	45.7	38.1	28.0	28.0	22.9	22.9
55°	150.0	142.3	119.5	99.1	89.0	78.8	61.0	50.8	38.1	30.5	28.0
52.5°	231.3	211.0	190.6	165.2	139.8	119.5	101.7	78.8	63.5	45.7	35.6
50°	302.5	284.7	261.8	233.8	200.8	175.4	150.0	119.5	94.0	71.2	50.8
47.5°	411.7	376.2	348.2	315.2	277.0	241.5	208.4	172.8	132.2	104.2	78.8
45°	528.7	477.8	439.7	409.2	358.4	310.1	272.0	233.8	185.5	137.2	106.7
42.5°	610.0	571.9	521.0	480.4	434.6	383.8	333.0	292.3	241.5	185.5	137.2
40°	653.2	627.8	587.1	551.5	503.2	447.3	394.0	353.3	299.9	238.9	172.8
37.5°	686.2	673.5	653.2	625.2	579.5	513.4	460.0	411.7	366.0	294.8	223.7
35°	724.4	721.8	709.1	696.4	658.3	594.7	531.2	475.3	419.4	353.3	274.5
32.5°	759.9	757.4	749.8	744.7	729.4	673.5	604.9	541.4	477.8	409.2	322.8
30°	777.7	772.7	772.7	777.7	762.5	726.9	676.1	607.4	536.3	455.0	373.6
27.5°	777.7	772.7	775.2	782.8	780.3	762.5	724.4	668.4	589.7	498.2	419.4
25°	744.7	770.1	770.1	780.3	782.8	777.7	757.4	721.8	640.5	543.9	455.0
22.5°	698.9	759.9	782.8	780.3	782.8	795.5	798.1	765.0	688.8	589.7	490.5
20°	698.9	742.2	808.2	790.4	795.5	823.5	836.2	808.2	739.6	632.9	526.1
17.5°	714.2	742.2	798.1	826.0	833.7	856.5	876.9	859.1	785.4	678.6	574.4
15°	757.4	752.3	790.4	859.1	871.8	889.6	912.4	892.1	826.0	729.4	620.2
12.5°	787.9	759.9	790.4	864.2	904.8	922.6	930.2	915.0	861.6	775.2	665.9
10°	828.6	780.3	795.5	859.1	917.5	930.2	937.9	932.8	894.7	813.3	706.6
7.5°	859.1	790.4	790.4	851.4	930.2	940.4	945.5	950.6	922.6	846.4	742.2
5°	871.8	790.4	785.4	843.8	942.9	953.1	953.1	960.7	942.9	871.8	767.6
2.5°	874.3	787.9	780.3	838.7	965.8	965.8	960.7	968.4	958.2	887.0	785.4
0°	887.0	785.4	777.7	846.4	991.2	981.1	968.4	970.9	965.8	894.7	795.5
-2.5°	887.0	798.1	787.9	851.4	988.7	986.1	981.1	983.6	978.5	917.5	815.9
-5°	899.7	815.9	805.7	874.3	986.1	993.8	996.3	996.3	988.7	932.8	828.6
-7.5°	902.3	828.6	826.0	897.2	991.2	1003.9	1011.6	1016.6	1001.4	942.9	838.7
-10°	889.6	833.7	846.4	925.2	996.3	1014.1	1029.4	1037.0	1011.6	948.0	843.8
-12.5°	861.6	833.7	866.7	960.7	1009.0	1029.4	1052.2	1054.8	1021.7	950.6	846.4
-15°	859.1	854.0	902.3	996.3	1016.6	1042.1	1077.6	1070.0	1029.4	950.6	846.4
-17.5°	856.5	881.9	955.6	1009.0	1029.4	1057.3	1085.3	1077.6	1034.4	950.6	841.3
-20°	879.4	927.7	1019.2	1021.7	1044.6	1075.1	1090.4	1075.1	1026.8	942.9	833.7

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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°	917.5	1009.0	1039.5	1049.7	1070.0	1092.9	1100.5	1077.6	1019.2	930.2	820.9
-25°	1014.1	1059.9	1059.9	1082.7	1103.1	1113.2	1105.6	1080.2	1009.0	917.5	808.2
-27.5°	1087.8	1085.3	1098.0	1120.9	1138.6	1138.6	1118.3	1067.5	993.8	904.8	790.4
-30°	1115.8	1118.3	1136.1	1161.5	1166.6	1153.9	1123.4	1057.3	981.1	884.5	767.6
-32.5°	1143.7	1153.9	1176.8	1189.5	1192.0	1166.6	1110.7	1039.5	960.7	861.6	742.2
-35°	1176.8	1197.1	1209.8	1212.4	1199.6	1156.4	1092.9	1016.6	930.2	828.6	719.3
-37.5°	1220.0	1230.1	1237.8	1227.6	1192.0	1141.2	1062.4	986.1	902.3	793.0	686.2
-40°	1247.9	1253.0	1255.6	1222.5	1179.3	1105.6	1029.4	950.6	854.0	752.3	650.7
-42.5°	1265.7	1260.6	1240.3	1204.7	1141.2	1070.0	996.3	907.4	810.8	711.7	612.5
-45°	1260.6	1242.9	1212.4	1169.1	1103.1	1031.9	945.5	856.5	765.0	668.4	569.3
-47.5°	1240.3	1212.4	1174.2	1123.4	1062.4	976.0	889.6	803.2	714.2	620.2	528.7
-50°	1214.9	1181.9	1136.1	1072.6	991.2	912.4	833.7	749.8	658.3	571.9	490.5
-52.5°	1186.9	1151.4	1092.9	1021.7	932.8	851.4	775.2	693.9	610.0	528.7	457.5
-55°	1156.4	1120.9	1054.8	973.4	884.5	795.5	721.8	653.2	571.9	493.1	429.5
-57.5°	1141.2	1095.4	1026.8	945.5	851.4	759.9	696.4	622.7	549.0	467.7	406.7
-60°	1128.5	1082.7	1019.2	925.2	836.2	749.8	676.1	604.9	526.1	449.9	388.9
-62.5°	1092.9	1044.6	986.1	894.7	808.2	729.4	663.4	579.5	503.2	432.1	376.2
-65°	1021.7	970.9	920.1	838.7	759.9	686.2	620.2	543.9	472.7	411.7	363.5
-67.5°	909.9	866.7	820.9	752.3	686.2	620.2	559.2	493.1	434.6	391.4	366.0
-70°	785.4	739.6	693.9	637.9	582.0	528.7	480.4	432.1	394.0	371.1	350.7
-72.5°	571.9	551.5	528.7	485.4	439.7	406.7	383.8	363.5	335.5	315.2	302.5
-75°	381.2	353.3	317.7	302.5	305.0	299.9	287.2	272.0	259.2	251.6	233.8
-77.5°	297.4	282.1	264.3	246.5	238.9	231.3	221.1	208.4	198.2	180.5	155.0
-80°	274.5	261.8	249.1	236.4	223.7	205.9	185.5	165.2	155.0	147.4	144.9
-82.5°	226.2	211.0	195.7	183.0	165.2	152.5	139.8	129.6	129.6	127.1	124.5
-85°	129.6	124.5	116.9	111.8	106.7	99.1	91.5	86.4	83.9	81.3	78.8
-87.5°	66.1	63.5	58.5	55.9	53.4	50.8	45.7	43.2	40.7	40.7	38.1
-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-M-SA4B-730-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°	12.7	12.7	10.2	10.2	10.2	7.6	5.1	5.1	2.5	2.5	0.0
85°	30.5	25.4	22.9	20.3	20.3	15.2	10.2	7.6	5.1	2.5	2.5
82.5°	58.5	50.8	43.2	38.1	30.5	22.9	17.8	12.7	7.6	5.1	2.5
80°	66.1	66.1	63.5	53.4	43.2	33.0	22.9	15.2	10.2	7.6	5.1
77.5°	50.8	55.9	55.9	55.9	53.4	40.7	28.0	17.8	10.2	7.6	5.1
75°	58.5	50.8	48.3	50.8	48.3	40.7	33.0	20.3	12.7	10.2	5.1
72.5°	71.2	61.0	53.4	50.8	45.7	38.1	30.5	22.9	12.7	10.2	7.6
70°	66.1	63.5	58.5	53.4	45.7	38.1	30.5	22.9	15.2	10.2	7.6
67.5°	58.5	58.5	58.5	53.4	45.7	35.6	28.0	20.3	15.2	10.2	7.6
65°	40.7	48.3	53.4	50.8	45.7	35.6	28.0	20.3	15.2	12.7	7.6
62.5°	25.4	33.0	43.2	48.3	43.2	35.6	25.4	20.3	15.2	12.7	7.6
60°	22.9	25.4	30.5	38.1	40.7	33.0	25.4	17.8	15.2	12.7	7.6
57.5°	22.9	22.9	25.4	30.5	33.0	30.5	22.9	15.2	15.2	12.7	10.2
55°	25.4	22.9	22.9	25.4	28.0	28.0	22.9	15.2	15.2	12.7	10.2
52.5°	30.5	25.4	22.9	22.9	22.9	25.4	20.3	15.2	15.2	12.7	10.2
50°	38.1	30.5	28.0	22.9	22.9	22.9	20.3	15.2	12.7	12.7	10.2
47.5°	50.8	40.7	30.5	28.0	22.9	20.3	17.8	15.2	12.7	12.7	10.2
45°	76.2	48.3	40.7	30.5	25.4	22.9	20.3	15.2	12.7	12.7	10.2
42.5°	104.2	71.2	50.8	35.6	28.0	22.9	20.3	17.8	12.7	12.7	10.2
40°	132.2	96.6	63.5	45.7	33.0	25.4	20.3	17.8	15.2	12.7	10.2
37.5°	162.7	119.5	83.9	58.5	38.1	28.0	22.9	17.8	15.2	12.7	10.2
35°	200.8	150.0	104.2	71.2	45.7	33.0	25.4	17.8	15.2	12.7	10.2
32.5°	244.0	177.9	124.5	86.4	58.5	40.7	28.0	20.3	15.2	12.7	10.2
30°	284.7	211.0	147.4	104.2	71.2	45.7	30.5	20.3	15.2	12.7	7.6
27.5°	325.3	244.0	175.4	122.0	86.4	53.4	33.0	22.9	15.2	12.7	10.2
25°	366.0	277.0	203.3	139.8	99.1	63.5	40.7	25.4	15.2	12.7	10.2
22.5°	401.6	310.1	228.7	160.1	114.4	73.7	45.7	28.0	17.8	12.7	10.2
20°	442.2	345.7	256.7	183.0	127.1	83.9	50.8	30.5	17.8	12.7	10.2
17.5°	480.4	381.2	284.7	203.3	142.3	94.0	58.5	33.0	20.3	12.7	10.2
15°	518.5	414.3	310.1	223.7	157.6	104.2	63.5	35.6	22.9	12.7	10.2
12.5°	554.1	444.8	333.0	241.5	170.3	114.4	68.6	38.1	25.4	12.7	10.2
10°	587.1	472.7	355.8	256.7	183.0	122.0	73.7	43.2	28.0	12.7	10.2
7.5°	620.2	495.6	373.6	272.0	198.2	132.2	78.8	45.7	30.5	15.2	10.2
5°	640.5	515.9	388.9	284.7	211.0	142.3	83.9	48.3	33.0	15.2	10.2
2.5°	658.3	531.2	399.0	297.4	223.7	150.0	83.9	50.8	35.6	15.2	10.2
0°	668.4	541.4	406.7	305.0	233.8	155.0	86.4	53.4	38.1	15.2	10.2
-2.5°	691.3	559.2	424.5	315.2	244.0	170.3	91.5	55.9	40.7	17.8	10.2
-5°	706.6	569.3	437.2	325.3	251.6	185.5	99.1	61.0	45.7	22.9	12.7
-7.5°	719.3	579.5	447.3	330.4	259.2	190.6	101.7	63.5	48.3	25.4	12.7
-10°	721.8	584.6	455.0	338.0	264.3	198.2	104.2	66.1	50.8	28.0	12.7
-12.5°	724.4	589.7	457.5	343.1	269.4	203.3	106.7	68.6	53.4	30.5	12.7
-15°	721.8	587.1	457.5	348.2	272.0	198.2	111.8	71.2	55.9	33.0	12.7
-17.5°	716.7	584.6	455.0	345.7	269.4	193.2	114.4	76.2	55.9	35.6	15.2
-20°	709.1	576.9	449.9	343.1	266.9	188.1	116.9	78.8	58.5	35.6	15.2

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CATALOG NUMBER: IFLD-M-SA4B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	696.4	564.2	439.7	335.5	261.8	183.0	116.9	83.9	61.0	35.6	15.2
-25°	681.2	551.5	429.5	325.3	254.2	175.4	116.9	86.4	63.5	35.6	15.2
-27.5°	663.4	538.8	414.3	317.7	244.0	170.3	116.9	89.0	66.1	35.6	15.2
-30°	643.0	521.0	401.6	305.0	236.4	170.3	119.5	91.5	68.6	35.6	15.2
-32.5°	622.7	503.2	386.3	294.8	226.2	167.7	119.5	94.0	71.2	33.0	17.8
-35°	599.8	482.9	373.6	287.2	218.6	162.7	122.0	94.0	68.6	33.0	17.8
-37.5°	571.9	457.5	360.9	279.6	213.5	157.6	122.0	96.6	66.1	33.0	17.8
-40°	541.4	437.2	345.7	269.4	205.9	155.0	122.0	96.6	63.5	33.0	20.3
-42.5°	508.3	414.3	330.4	259.2	198.2	152.5	122.0	96.6	61.0	33.0	20.3
-45°	477.8	391.4	312.6	246.5	190.6	152.5	122.0	94.0	55.9	35.6	20.3
-47.5°	444.8	366.0	292.3	233.8	188.1	150.0	119.5	89.0	50.8	35.6	20.3
-50°	416.8	340.6	277.0	221.1	183.0	152.5	122.0	81.3	50.8	35.6	20.3
-52.5°	388.9	322.8	259.2	216.0	177.9	155.0	119.5	76.2	50.8	35.6	20.3
-55°	366.0	305.0	249.1	208.4	183.0	160.1	114.4	68.6	50.8	35.6	20.3
-57.5°	348.2	294.8	241.5	211.0	190.6	155.0	106.7	66.1	50.8	33.0	20.3
-60°	335.5	284.7	244.0	221.1	193.2	147.4	101.7	66.1	50.8	33.0	17.8
-62.5°	325.3	287.2	256.7	228.7	183.0	137.2	96.6	66.1	45.7	30.5	17.8
-65°	327.9	297.4	261.8	218.6	175.4	127.1	89.0	63.5	43.2	28.0	17.8
-67.5°	335.5	289.7	246.5	205.9	157.6	114.4	81.3	58.5	40.7	28.0	17.8
-70°	310.1	266.9	223.7	175.4	134.7	99.1	76.2	53.4	35.6	25.4	17.8
-72.5°	279.6	223.7	177.9	142.3	114.4	91.5	68.6	48.3	33.0	22.9	15.2
-75°	203.3	162.7	132.2	119.5	101.7	81.3	61.0	43.2	30.5	22.9	15.2
-77.5°	144.9	134.7	122.0	109.3	91.5	71.2	53.4	40.7	28.0	20.3	12.7
-80°	142.3	129.6	114.4	94.0	76.2	61.0	45.7	35.6	25.4	17.8	10.2
-82.5°	119.5	101.7	86.4	71.2	58.5	48.3	38.1	28.0	20.3	12.7	7.6
-85°	73.7	63.5	55.9	48.3	40.7	33.0	25.4	17.8	12.7	7.6	5.1
-87.5°	35.6	33.0	28.0	22.9	20.3	15.2	12.7	10.2	7.6	5.1	2.5
-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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CATALOG NUMBER: IFLD-M-SA4B-730-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°	2.5	0.0	0.0	0.0
80°	2.5	0.0	0.0	0.0
77.5°	2.5	0.0	0.0	0.0
75°	2.5	2.5	0.0	0.0
72.5°	2.5	2.5	0.0	0.0
70°	5.1	2.5	2.5	0.0
67.5°	5.1	2.5	2.5	0.0
65°	5.1	2.5	2.5	0.0
62.5°	5.1	2.5	2.5	0.0
60°	5.1	2.5	2.5	0.0
57.5°	5.1	2.5	2.5	0.0
55°	5.1	2.5	2.5	0.0
52.5°	5.1	2.5	2.5	0.0
50°	5.1	2.5	2.5	0.0
47.5°	5.1	5.1	2.5	0.0
45°	5.1	5.1	2.5	0.0
42.5°	5.1	5.1	2.5	0.0
40°	5.1	5.1	2.5	0.0
37.5°	5.1	5.1	2.5	0.0
35°	5.1	5.1	2.5	0.0
32.5°	7.6	5.1	2.5	0.0
30°	7.6	5.1	5.1	0.0
27.5°	7.6	5.1	5.1	0.0
25°	7.6	5.1	5.1	0.0
22.5°	7.6	5.1	5.1	0.0
20°	7.6	5.1	5.1	0.0
17.5°	7.6	5.1	5.1	0.0
15°	7.6	5.1	5.1	0.0
12.5°	7.6	5.1	5.1	0.0
10°	7.6	5.1	5.1	0.0
7.5°	7.6	5.1	5.1	0.0
5°	7.6	5.1	5.1	0.0
2.5°	7.6	5.1	5.1	0.0
0°	7.6	5.1	5.1	0.0
-2.5°	7.6	5.1	5.1	0.0
-5°	7.6	5.1	5.1	0.0
-7.5°	7.6	5.1	5.1	0.0
-10°	7.6	5.1	5.1	0.0
-12.5°	10.2	5.1	5.1	0.0
-15°	10.2	5.1	5.1	0.0
-17.5°	10.2	5.1	5.1	0.0
-20°	10.2	5.1	5.1	0.0



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CATALOG NUMBER: IFLD-M-SA4B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.2	5.1	5.1	0.0
-25°	10.2	5.1	5.1	0.0
-27.5°	10.2	5.1	5.1	0.0
-30°	10.2	5.1	5.1	0.0
-32.5°	10.2	5.1	5.1	0.0
-35°	10.2	5.1	5.1	0.0
-37.5°	10.2	5.1	5.1	0.0
-40°	10.2	5.1	5.1	0.0
-42.5°	7.6	5.1	2.5	0.0
-45°	10.2	5.1	2.5	0.0
-47.5°	10.2	5.1	2.5	0.0
-50°	10.2	5.1	2.5	0.0
-52.5°	10.2	5.1	2.5	0.0
-55°	10.2	5.1	2.5	0.0
-57.5°	10.2	5.1	2.5	0.0
-60°	10.2	5.1	2.5	0.0
-62.5°	10.2	5.1	2.5	0.0
-65°	10.2	5.1	2.5	0.0
-67.5°	10.2	5.1	2.5	0.0
-70°	10.2	2.5	2.5	0.0
-72.5°	7.6	2.5	2.5	0.0
-75°	7.6	2.5	2.5	0.0
-77.5°	5.1	2.5	0.0	0.0
-80°	5.1	2.5	0.0	0.0
-82.5°	5.1	2.5	0.0	0.0
-85°	2.5	0.0	0.0	0.0
-87.5°	2.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)