

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P571706

Luminaire Tested: **UFLD-S-CA1-30-750-U-66-TS2LW_NFFLD**

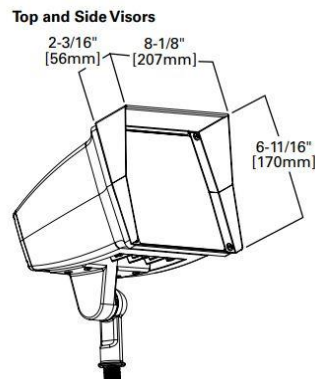
Issue Date: 9/21/2021

Test Information

Test Method: LM-79-08
Report Number: P571706
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-378-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 9/21/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UFLD-S-CA1-30-750-U-66-TS2LW_NFFLD
Description: FLOOD LIGHT SMALL, 6x6 OPTIC WITH TOP AND SIDE VISOR
Light Source: (1) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

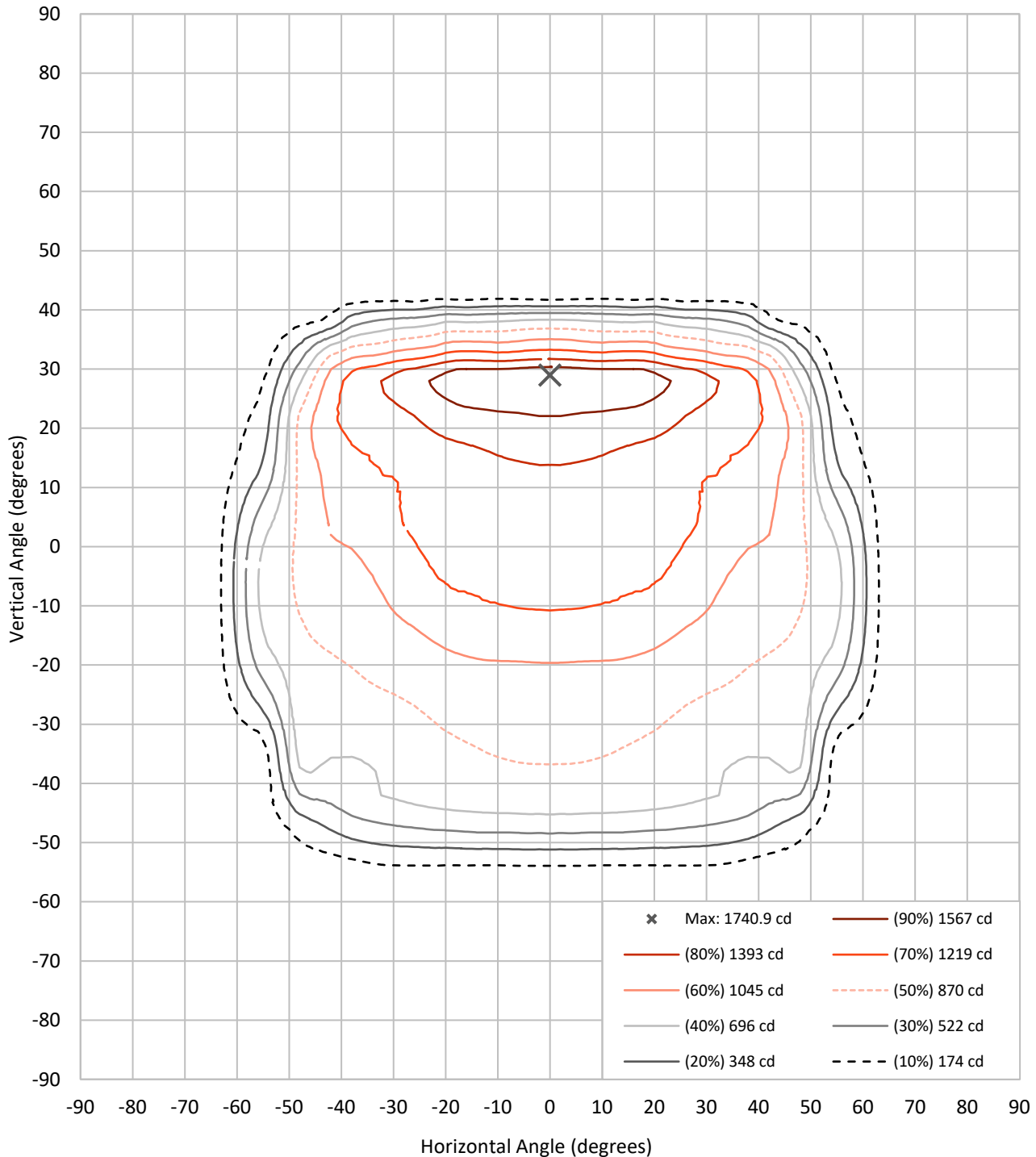
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	2714 lumens	Max Intensity:	1740.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	139.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.67' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.2°H x 73.7°V	Field Angle (10%):	108.6°H x 95.6°V
Beam Lumens:	1961.1 lumens	Field Lumens:	2640.7 lumens
Beam Efficiency:	72.3%	Field Efficiency:	97.3%
Input Watts (W):	19.4		
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:	25 FT		



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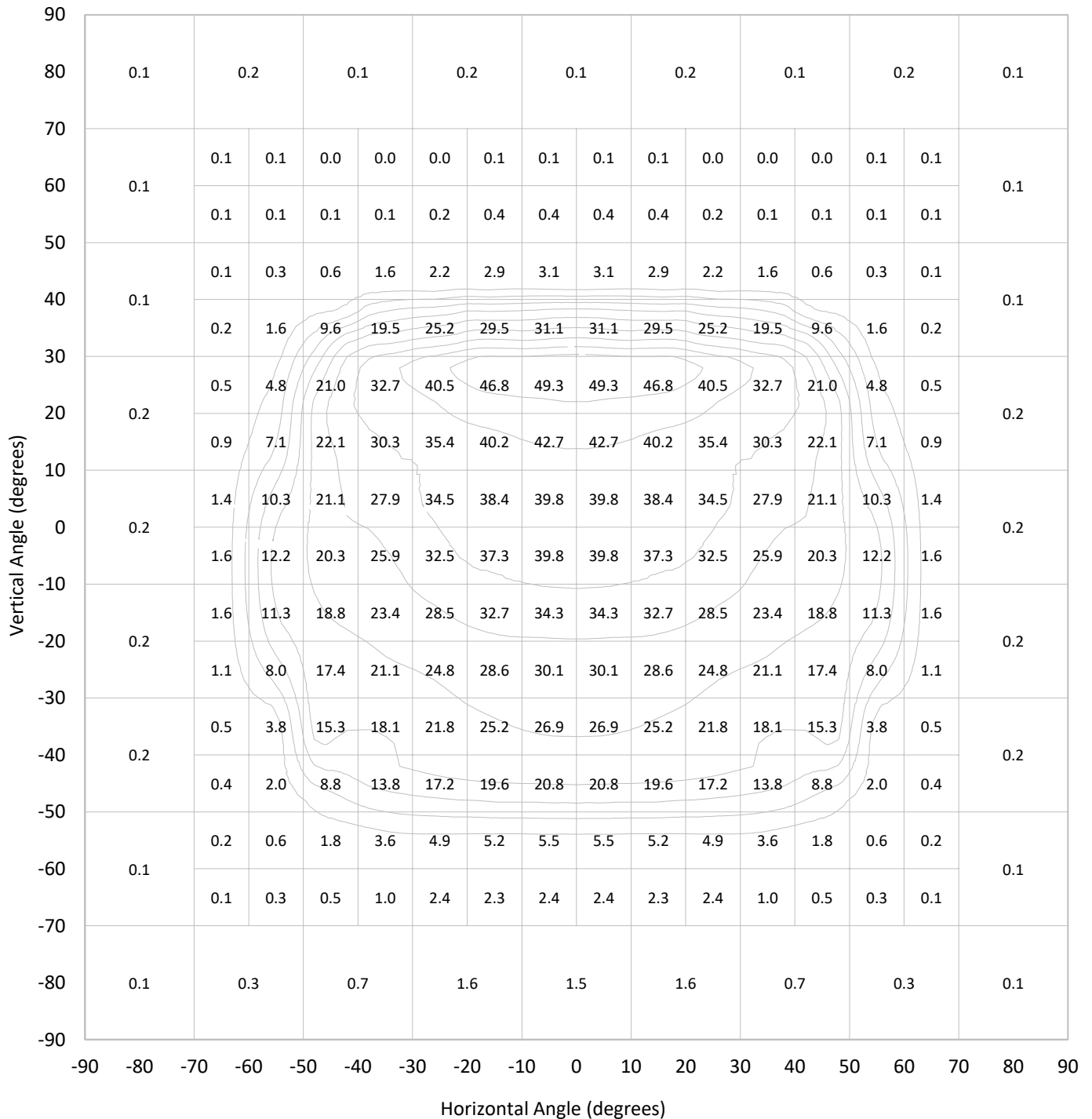
Iso-Candela Plot





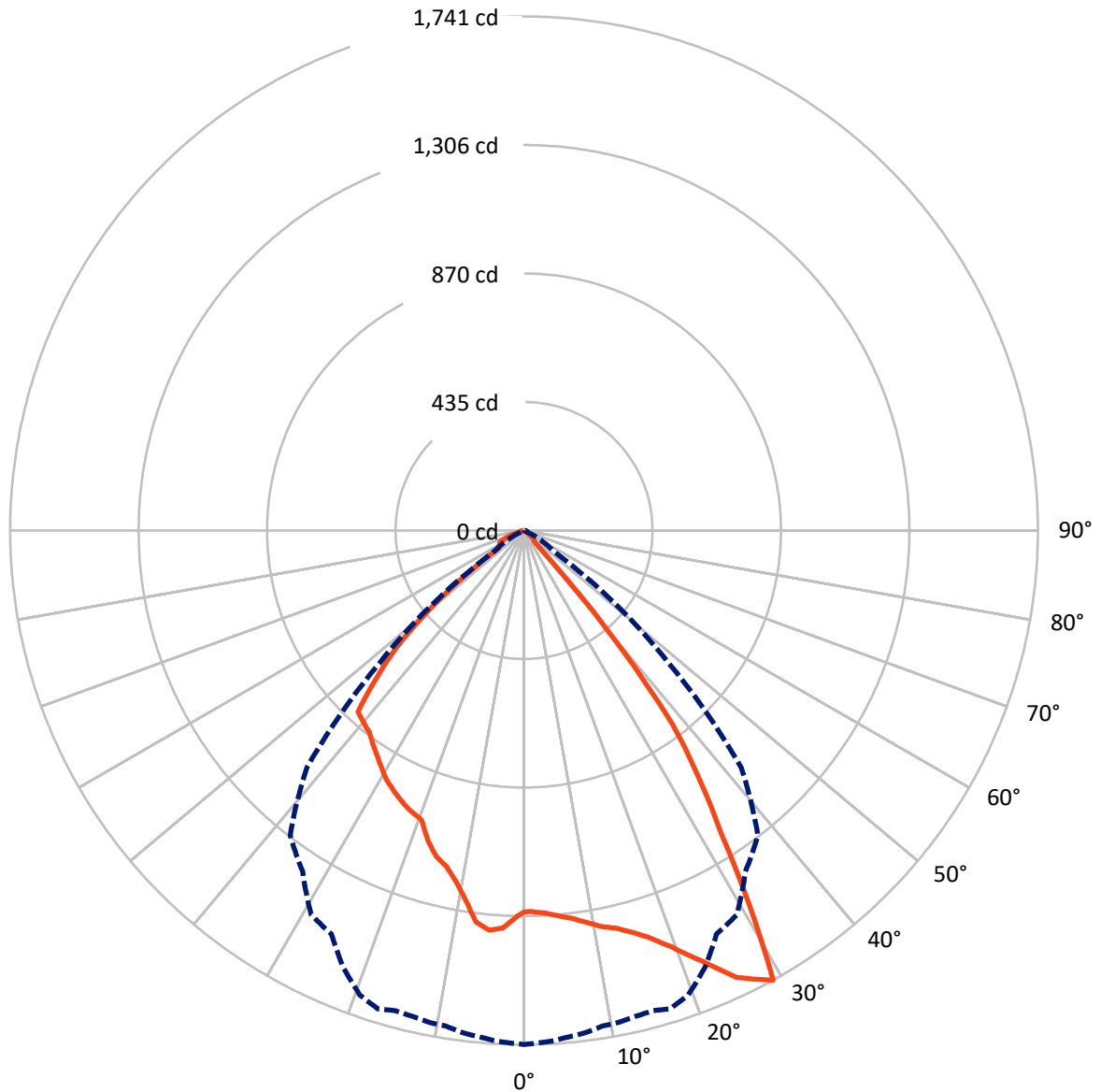
REPORT NUMBER: P571706
 CATALOG NUMBER: UFLD-S-CA1-30-750-U-66-TS2LW_NFFLD

Lumen Table



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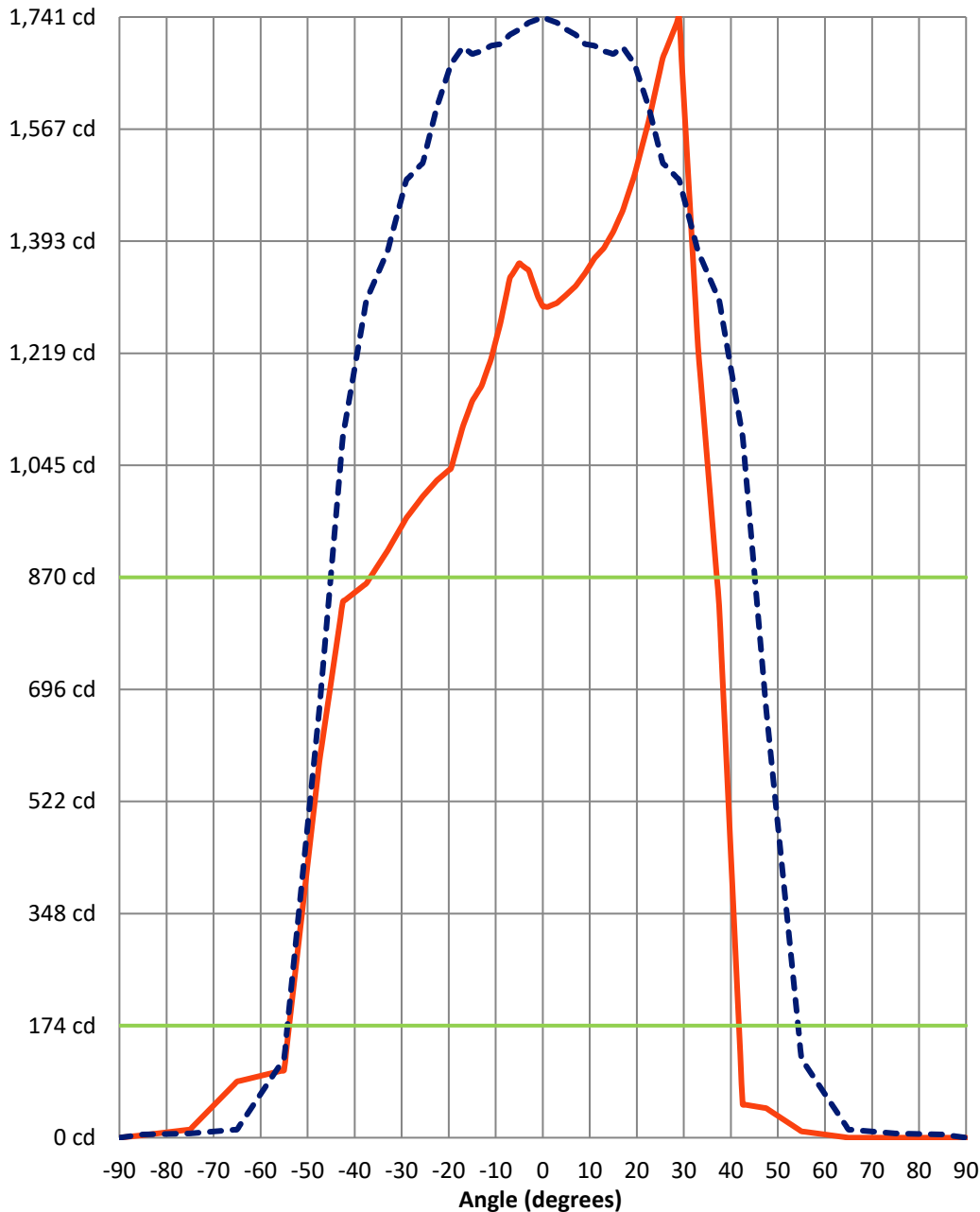
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 29-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.2°
 V Angle: 73.7°
 Lumens: 1961.1
 Efficiency: 72.3%

Field:
 H Angle: 108.6°
 V Angle: 95.6°
 Lumens: 2640.7
 Efficiency: 97.3%

Spill:
 Lumens: 73.3
 Efficiency: 2.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 29-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	0°	1°	3°	5°	7°	9°	11°	13°	15°	17°	19.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.6	1.7	1.7	1.7	1.7	2.2	2.2	2.2	2.2	2.2
75°	0.0	0.6	0.6	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.1
65°	0.0	0.0	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
55°	9.9	9.9	9.9	9.9	9.9	9.9	10.5	9.9	9.4	9.4	9.4
47.5°	45.8	45.8	45.8	43.6	41.9	41.4	40.3	38.1	37.0	38.1	37.0
42.5°	51.9	53.0	60.7	72.3	82.2	90.0	90.0	82.8	65.1	54.1	87.2
37.5°	826.3	819.1	829.6	808.6	794.8	774.4	768.3	760.1	752.3	761.2	772.8
33°	1229.2	1216.0	1229.8	1201.1	1191.7	1172.4	1183.4	1207.2	1212.7	1216.0	1190.6
29°	1740.9	1737.6	1732.1	1721.6	1713.3	1699.0	1696.2	1687.9	1683.5	1694.0	1668.0
25.5°	1676.9	1678.5	1671.4	1664.2	1655.4	1658.1	1650.9	1643.8	1636.0	1620.0	1588.0
22.5°	1578.6	1582.5	1575.3	1564.8	1558.2	1556.5	1549.4	1541.1	1533.9	1528.4	1506.9
19.5°	1495.3	1496.9	1494.2	1488.7	1483.7	1477.6	1466.6	1454.4	1443.4	1440.6	1430.7
17°	1440.1	1441.7	1439.5	1435.1	1430.1	1421.3	1410.8	1397.0	1386.0	1377.2	1362.3
15°	1407.5	1408.6	1407.0	1402.5	1396.5	1389.9	1381.6	1370.5	1358.4	1345.1	1326.9
13°	1382.1	1383.2	1381.6	1376.6	1371.1	1364.5	1357.3	1347.9	1337.4	1325.8	1310.4
11°	1366.1	1366.7	1363.9	1360.0	1354.0	1347.4	1339.6	1329.1	1321.4	1314.8	1306.0
9°	1342.9	1343.5	1342.4	1339.1	1336.3	1329.7	1323.6	1315.3	1309.3	1307.1	1304.3
7°	1323.1	1323.6	1323.6	1319.8	1317.0	1312.6	1307.6	1301.0	1297.7	1299.3	1302.1
5°	1309.3	1310.4	1309.8	1306.5	1304.3	1301.5	1298.8	1294.4	1290.5	1296.6	1304.3
3°	1296.6	1296.6	1297.7	1296.0	1295.5	1296.0	1296.6	1294.9	1293.8	1302.1	1312.6
1°	1290.5	1290.5	1292.7	1293.3	1294.9	1298.2	1304.9	1309.3	1310.4	1307.6	1344.6
0°	1291.6	1291.6	1294.9	1299.3	1304.3	1311.5	1317.0	1319.8	1317.0	1307.1	1412.5
-1°	1306.0	1304.3	1306.5	1314.2	1319.8	1326.4	1328.0	1325.8	1318.1	1303.7	1322.0
-3°	1347.4	1348.5	1347.9	1349.0	1349.0	1347.4	1338.5	1322.5	1305.4	1286.1	1270.6
-5°	1358.4	1361.7	1358.4	1354.5	1351.2	1336.9	1320.3	1297.1	1266.2	1248.0	1232.5
-7°	1335.2	1330.2	1327.5	1319.2	1308.2	1286.1	1265.1	1241.4	1224.3	1219.3	1215.4
-9°	1265.7	1261.8	1260.1	1256.3	1249.1	1233.6	1224.8	1215.4	1209.4	1209.4	1204.9
-11°	1209.4	1207.2	1206.0	1202.2	1201.1	1193.9	1192.8	1189.5	1184.5	1184.5	1176.8
-13°	1168.0	1168.0	1168.0	1166.3	1162.4	1159.7	1159.1	1156.4	1150.3	1148.1	1136.5
-15°	1144.2	1144.8	1142.6	1140.4	1135.4	1132.1	1128.8	1124.4	1116.6	1110.6	1095.7
-17°	1104.5	1101.7	1103.9	1099.5	1099.5	1096.2	1095.1	1092.9	1085.2	1076.3	1058.1
-19.5°	1039.9	1040.5	1039.4	1036.0	1034.4	1033.8	1033.3	1030.0	1021.7	1012.3	998.0
-22.5°	1021.1	1020.6	1018.9	1016.7	1015.1	1013.4	1014.0	1012.3	1004.6	995.2	980.8
-25.5°	996.3	995.7	994.1	991.3	988.0	984.7	985.8	983.6	977.5	969.8	957.7
-29°	962.6	961.0	959.3	957.1	951.6	943.3	937.2	932.3	925.6	919.6	905.8
-33°	911.9	911.3	911.3	909.1	904.1	897.5	890.3	883.1	873.8	864.4	848.4
-37.5°	861.1	861.1	861.1	860.0	857.8	854.4	850.6	844.0	834.6	823.5	808.6
-42.5°	832.4	831.8	832.4	829.6	826.3	821.9	818.6	812.5	805.3	799.8	791.0
-47.5°	584.0	575.2	580.1	581.2	570.7	573.5	572.4	572.9	569.1	558.6	549.2
-55°	104.9	104.9	106.0	107.6	106.5	103.8	100.5	100.5	104.3	106.0	103.8
-65°	87.2	87.2	87.2	86.7	86.7	86.1	86.1	86.1	86.1	86.1	88.9
-75°	12.7	12.1	12.7	12.7	11.6	12.1	13.8	13.8	13.8	13.8	13.8
-85°	3.9	3.9	3.9	5.5	6.1	6.6	6.6	7.2	7.2	6.6	6.6
-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):

	22.5°	25.5°	29°	33°	37.5°	42.5°	47.5°	55°	65°	75°	85°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.2	2.2	2.2	1.7	1.7	2.2	2.2	2.8	3.9	4.4	4.4
75°	1.1	1.1	1.1	1.1	1.7	2.2	2.2	2.8	3.9	4.4	5.0
65°	1.1	1.1	1.1	1.1	1.1	1.7	2.2	3.3	3.9	4.4	5.0
55°	8.3	6.1	4.4	5.0	6.1	4.4	3.3	3.9	4.4	5.0	5.0
47.5°	29.8	18.2	11.6	10.5	11.6	8.8	7.2	7.2	9.4	5.0	5.0
42.5°	84.5	32.0	58.5	64.0	55.2	17.7	24.8	19.3	11.0	5.5	5.0
37.5°	706.0	671.7	653.5	604.4	517.7	216.4	158.4	26.5	11.6	5.5	5.0
33°	1111.1	1083.0	1047.6	976.4	967.6	821.9	448.2	54.6	11.6	6.1	5.0
29°	1601.3	1514.6	1487.6	1377.2	1301.0	1089.0	665.7	122.5	12.7	6.6	5.0
25.5°	1543.9	1490.9	1431.8	1371.6	1308.2	1150.3	815.3	178.3	14.4	6.6	5.0
22.5°	1460.5	1407.5	1357.3	1313.1	1276.7	1189.5	932.8	221.3	16.6	6.6	5.0
19.5°	1393.7	1347.4	1301.5	1259.0	1241.9	1192.2	972.0	255.6	19.9	6.6	5.0
17°	1328.6	1292.2	1259.0	1229.8	1223.7	1158.6	966.5	285.4	25.4	7.2	5.0
15°	1292.7	1257.4	1233.6	1222.1	1209.9	1116.6	959.3	314.6	28.7	7.2	5.0
13°	1273.9	1238.1	1221.5	1225.4	1186.7	1087.9	949.4	361.0	32.0	7.2	5.0
11°	1271.7	1232.0	1221.0	1209.4	1159.1	1078.0	942.2	417.3	33.7	7.2	5.0
9°	1278.4	1243.0	1219.8	1178.5	1135.4	1074.7	937.2	482.4	34.2	7.7	5.5
7°	1283.9	1250.2	1218.7	1150.9	1111.1	1065.8	929.0	542.6	33.1	7.7	5.5
5°	1292.2	1255.7	1216.0	1129.3	1091.2	1055.9	921.8	603.3	31.5	7.7	5.5
3°	1290.5	1244.7	1205.5	1108.9	1074.7	1048.2	916.3	656.3	30.9	7.7	5.5
1°	1277.8	1225.4	1181.8	1093.4	1057.6	1036.6	913.5	701.0	30.9	8.3	5.5
0°	1270.6	1214.3	1167.4	1086.3	1048.7	1031.1	912.4	720.9	30.4	8.3	5.5
-1°	1258.5	1200.0	1158.6	1079.6	1041.0	1023.3	910.2	735.8	30.4	8.3	5.5
-3°	1228.7	1176.8	1143.1	1065.3	1027.8	1010.7	908.5	755.6	30.9	8.3	5.5
-5°	1206.6	1166.9	1130.4	1052.6	1017.8	997.4	904.1	765.6	31.5	8.3	5.5
-7°	1197.2	1156.9	1116.1	1036.0	1002.4	980.8	899.2	767.2	31.5	8.3	5.5
-9°	1183.4	1139.8	1094.0	1015.1	983.1	960.4	894.2	762.3	32.0	8.8	5.5
-11°	1151.4	1105.0	1059.8	993.0	961.5	935.0	882.0	753.4	32.0	8.8	5.5
-13°	1108.9	1064.2	1022.8	968.2	940.0	913.5	870.5	735.8	32.0	8.8	5.5
-15°	1065.3	1022.8	988.0	946.6	921.8	894.7	860.0	708.7	32.0	8.8	5.5
-17°	1023.9	982.0	953.2	924.5	903.0	876.5	847.8	673.4	32.6	8.8	5.5
-19.5°	968.7	935.6	915.2	898.1	878.7	854.4	835.1	618.2	32.0	8.3	5.5
-22.5°	948.3	916.3	898.1	880.9	860.0	835.7	826.3	528.8	30.4	8.3	5.5
-25.5°	922.3	889.2	868.8	854.4	842.9	819.7	824.6	422.3	29.3	8.3	5.5
-29°	874.3	847.3	826.8	811.4	801.5	797.0	828.5	283.7	30.4	7.7	5.5
-33°	824.1	799.2	773.3	749.6	734.1	744.1	818.0	111.5	31.5	7.7	5.5
-37.5°	788.8	765.0	735.8	699.9	666.2	664.6	747.9	57.4	32.6	7.7	5.5
-42.5°	768.3	750.7	721.4	691.1	645.3	552.0	522.7	71.2	31.5	7.2	5.5
-47.5°	543.7	528.8	514.4	490.7	453.7	354.9	237.9	47.5	24.8	6.1	5.0
-55°	112.0	110.9	114.8	109.3	65.7	35.3	48.6	21.0	7.7	6.1	5.0
-65°	97.7	107.6	81.1	44.2	14.9	18.8	27.0	16.0	6.1	5.5	5.0
-75°	13.2	12.7	9.4	9.4	10.5	9.9	7.2	5.0	5.0	5.0	5.0
-85°	6.1	5.5	5.5	5.0	5.0	4.4	4.4	3.9	4.4	5.0	5.0
-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):

	90°
90°	0.0
85°	0.0
75°	0.0
65°	0.0
55°	0.0
47.5°	0.0
42.5°	0.0
37.5°	0.0
33°	0.0
29°	0.0
25.5°	0.0
22.5°	0.0
19.5°	0.0
17°	0.0
15°	0.0
13°	0.0
11°	0.0
9°	0.0
7°	0.0
5°	0.0
3°	0.0
1°	0.0
0°	0.0
-1°	0.0
-3°	0.0
-5°	0.0
-7°	0.0
-9°	0.0
-11°	0.0
-13°	0.0
-15°	0.0
-17°	0.0
-19.5°	0.0
-22.5°	0.0
-25.5°	0.0
-29°	0.0
-33°	0.0
-37.5°	0.0
-42.5°	0.0
-47.5°	0.0
-55°	0.0
-65°	0.0
-75°	0.0
-85°	0.0
-90°	0.0

(END OF REPORT)