

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: P571702

Luminaire Tested: **UFLD-S-CA1-30-722-U-66-TS2LW\_NFFLD**

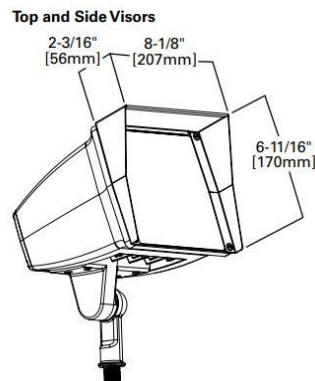
Issue Date: 9/21/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P571702  
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-CA1-30-722-U-66-TS2LW\_NFFLD  
Description: FLOOD LIGHT SMALL, 6x6 OPTIC WITH TOP AND SIDE VISOR  
Light Source: (1) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

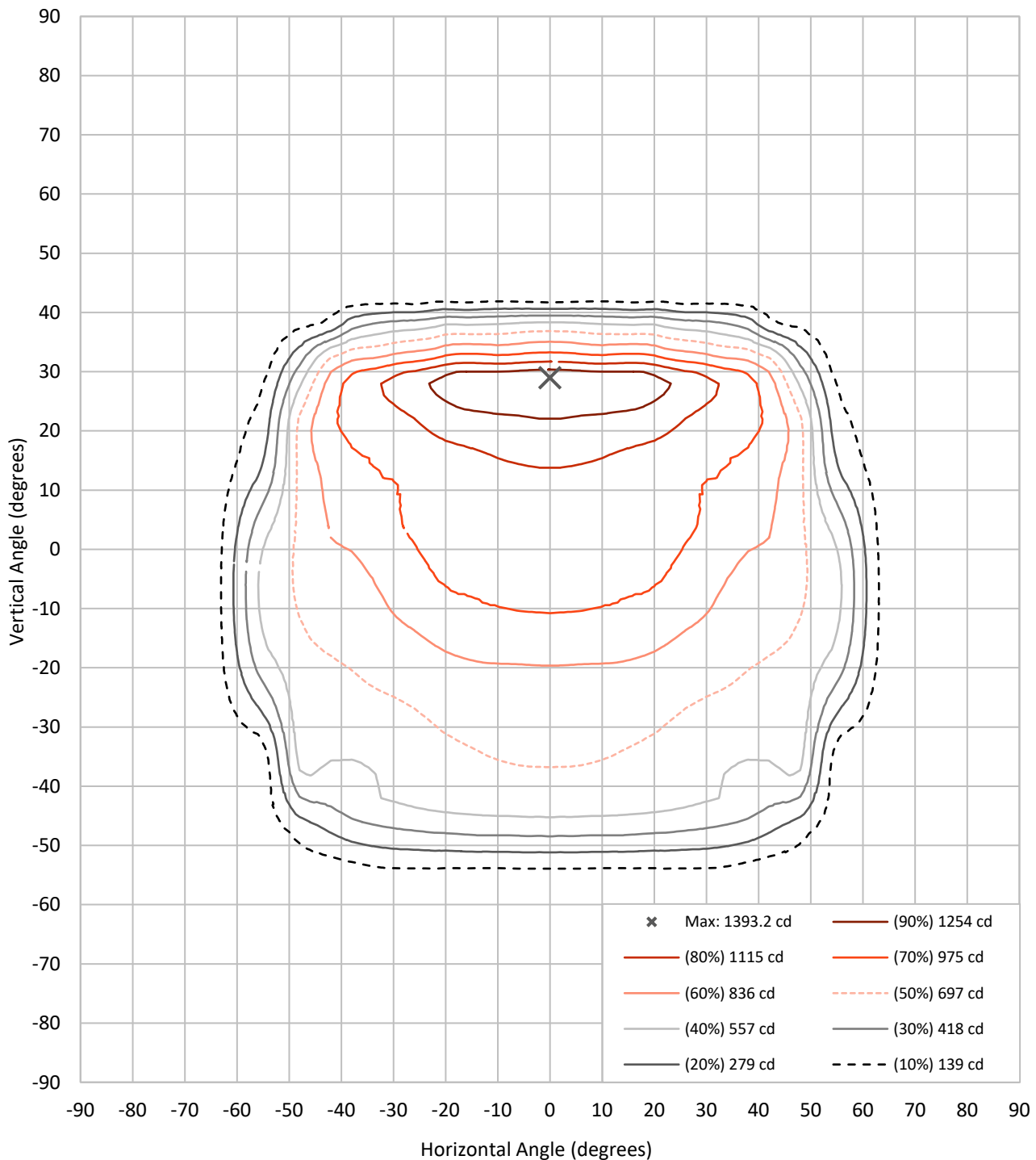
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 5V
Luminaire Lumens:	2172 lumens	Max Intensity:	1393.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 29°V
Efficacy:	112.0 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:	1569.5 lumens	Field Lumens:	2113.3 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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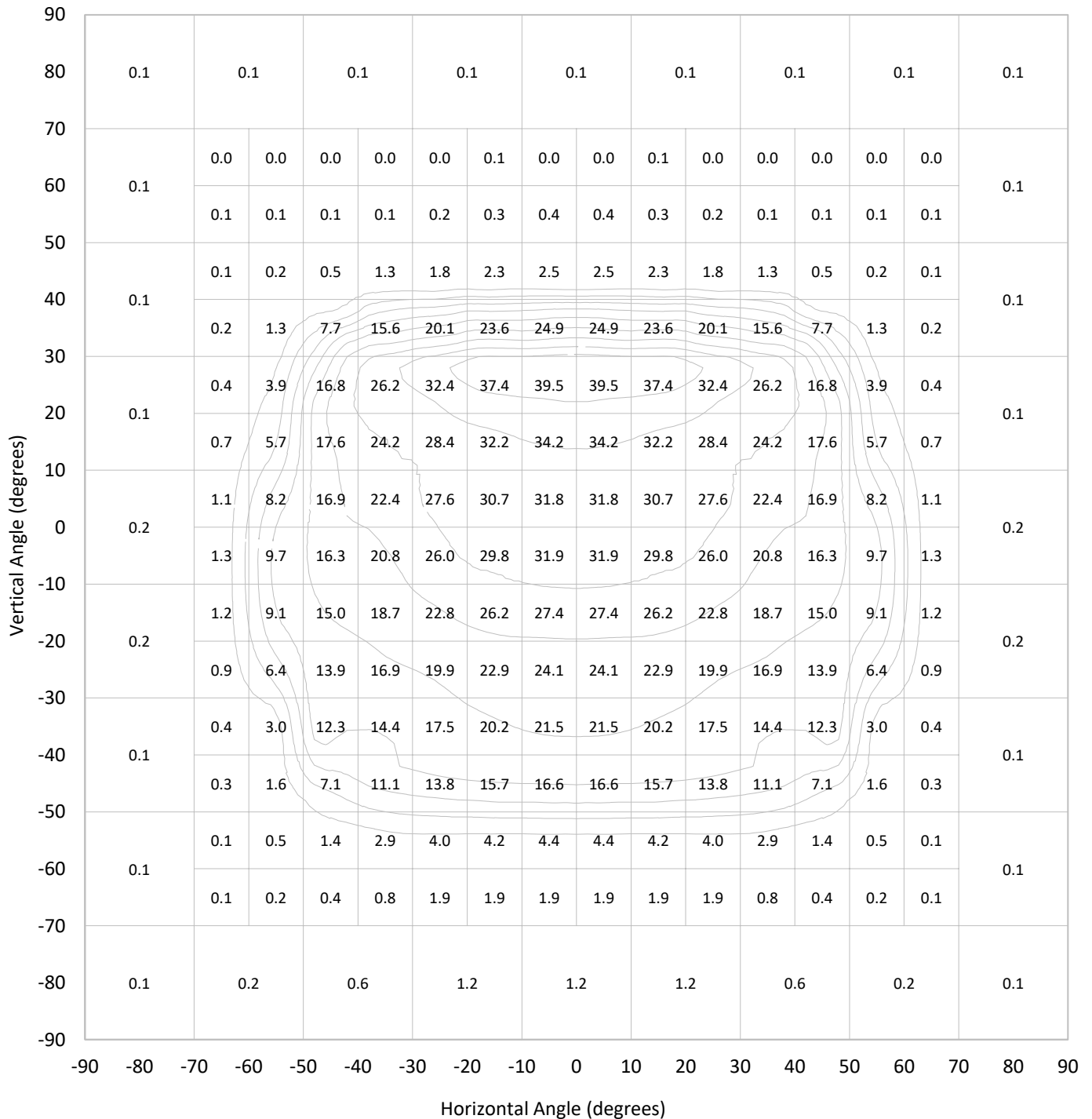
### Iso-Candela Plot





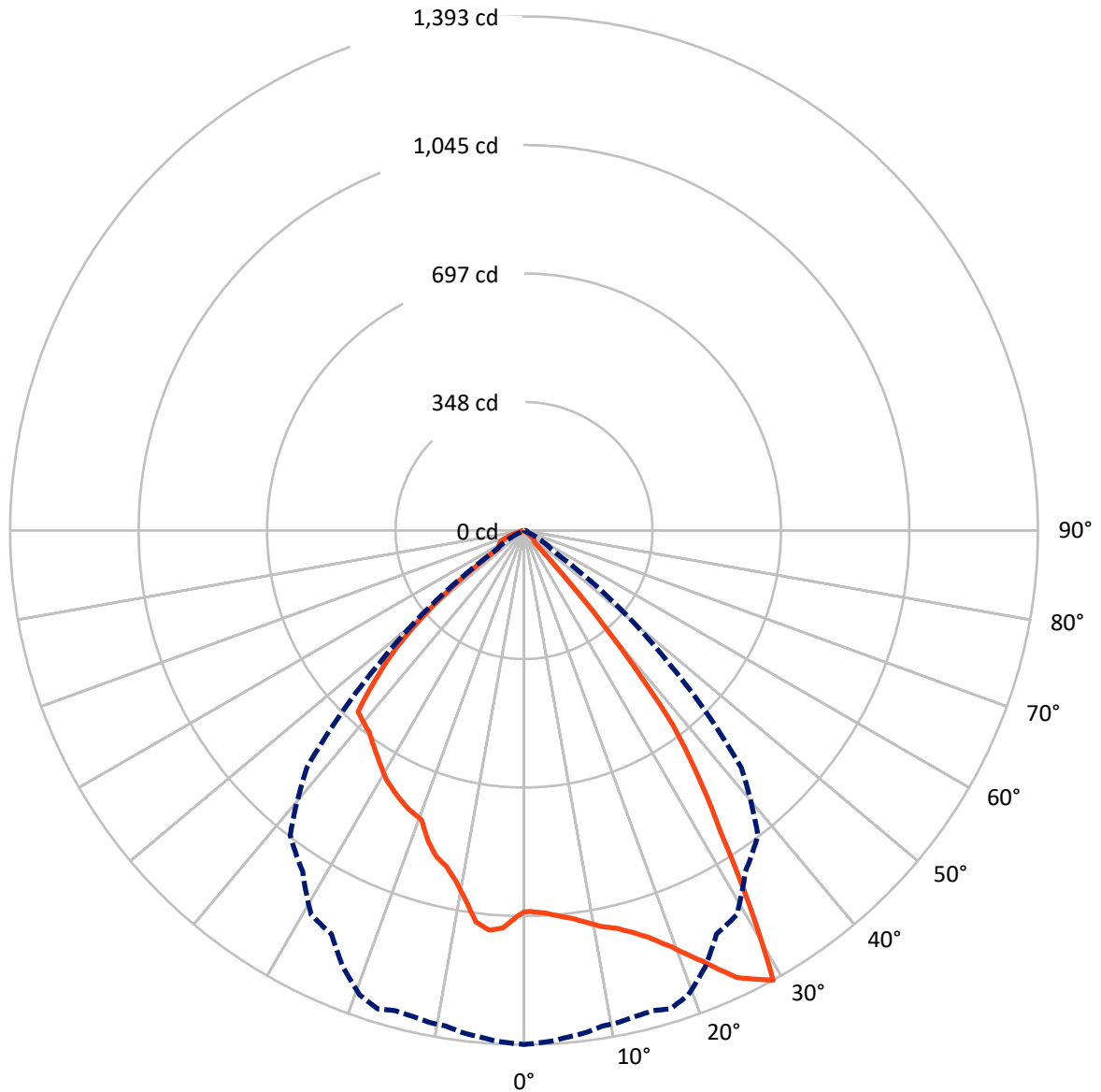
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### Lumen Table



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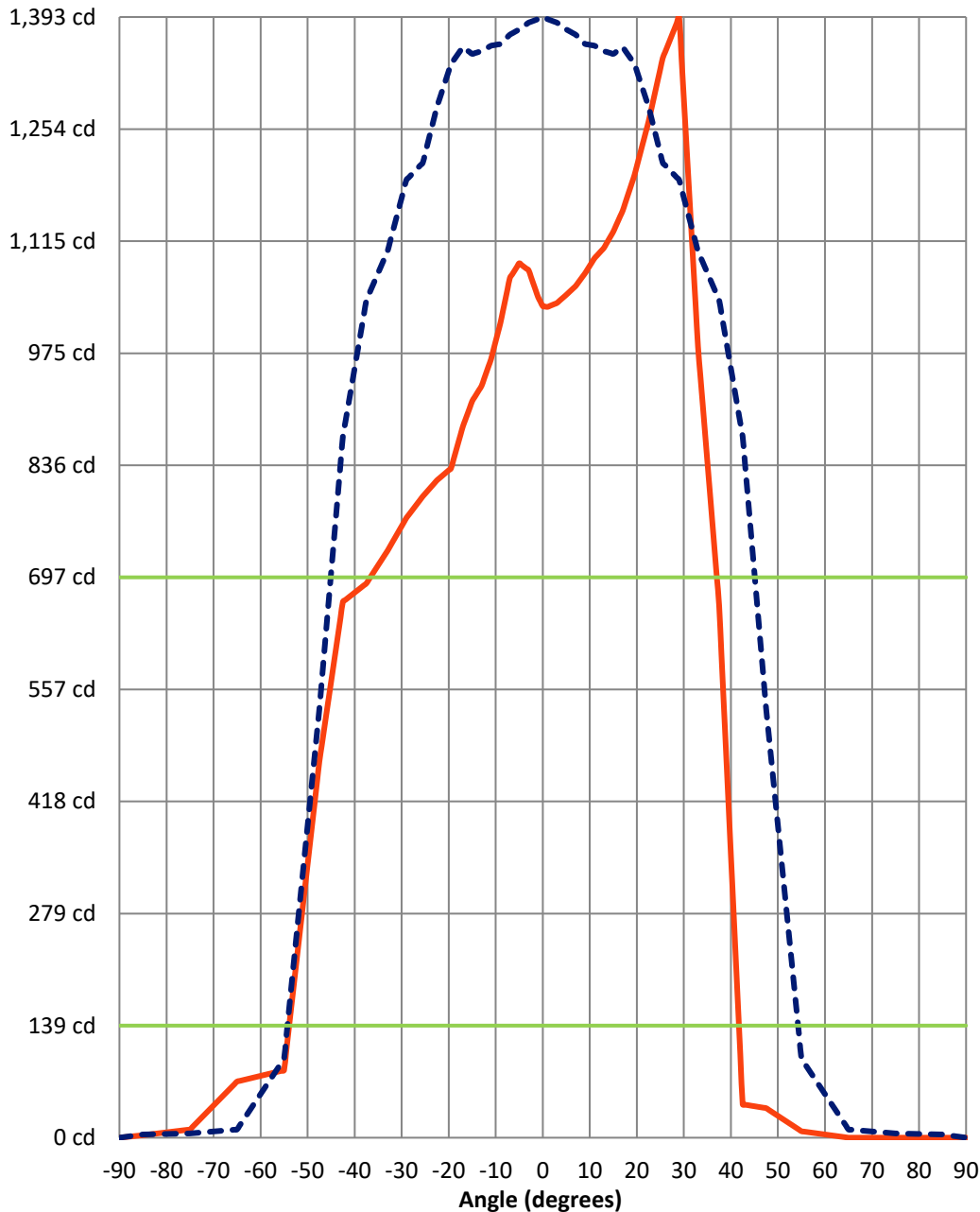
### Luminous Intensity Polar Plot



— 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: 1569.5  
 Efficiency: 72.3%

**Field:**  
 H Angle: 108.6°  
 V Angle: 95.6°  
 Lumens: 2113.3  
 Efficiency: 97.3%

**Spill:**  
 Lumens: 58.7  
 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	0.4	1.3	1.3	1.3	1.3	1.8	1.8	1.8	1.8	1.8
75°	0.0	0.4	0.4	0.9	1.3	1.3	1.3	1.3	1.3	1.3	0.9
65°	0.0	0.0	0.4	0.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9
55°	8.0	8.0	8.0	8.0	8.0	8.0	8.4	8.0	7.5	7.5	7.5
47.5°	36.7	36.7	36.7	34.9	33.6	33.1	32.2	30.5	29.6	30.5	29.6
42.5°	41.5	42.4	48.6	57.9	65.8	72.0	72.0	66.3	52.1	43.3	69.8
37.5°	661.3	655.5	663.9	647.1	636.1	619.8	614.9	608.3	602.1	609.2	618.4
33°	983.7	973.1	984.2	961.2	953.7	938.2	947.1	966.1	970.5	973.1	952.8
29°	1393.2	1390.6	1386.2	1377.8	1371.2	1359.7	1357.5	1350.8	1347.3	1355.7	1334.9
25.5°	1342.0	1343.3	1337.6	1331.8	1324.8	1327.0	1321.2	1315.5	1309.3	1296.5	1270.9
22.5°	1263.4	1266.5	1260.7	1252.3	1247.0	1245.7	1240.0	1233.3	1227.6	1223.2	1205.9
19.5°	1196.7	1198.0	1195.8	1191.4	1187.4	1182.5	1173.7	1164.0	1155.1	1152.9	1145.0
17°	1152.5	1153.8	1152.0	1148.5	1144.5	1137.5	1129.1	1118.0	1109.2	1102.1	1090.2
15°	1126.4	1127.3	1126.0	1122.5	1117.6	1112.3	1105.7	1096.8	1087.1	1076.5	1061.9
13°	1106.1	1107.0	1105.7	1101.7	1097.3	1092.0	1086.2	1078.7	1070.3	1061.1	1048.7
11°	1093.3	1093.7	1091.5	1088.4	1083.6	1078.3	1072.1	1063.7	1057.5	1052.2	1045.1
9°	1074.7	1075.2	1074.3	1071.7	1069.4	1064.1	1059.3	1052.7	1047.8	1046.0	1043.8
7°	1058.8	1059.3	1059.3	1056.2	1054.0	1050.5	1046.5	1041.2	1038.5	1039.8	1042.1
5°	1047.8	1048.7	1048.2	1045.6	1043.8	1041.6	1039.4	1035.9	1032.8	1037.6	1043.8
3°	1037.6	1037.6	1038.5	1037.2	1036.8	1037.2	1037.6	1036.3	1035.4	1042.1	1050.5
1°	1032.8	1032.8	1034.5	1035.0	1036.3	1039.0	1044.3	1047.8	1048.7	1046.5	1076.1
0°	1033.7	1033.7	1036.3	1039.8	1043.8	1049.6	1054.0	1056.2	1054.0	1046.0	1130.4
-1°	1045.1	1043.8	1045.6	1051.8	1056.2	1061.5	1062.8	1061.1	1054.9	1043.4	1058.0
-3°	1078.3	1079.2	1078.7	1079.6	1079.6	1078.3	1071.2	1058.4	1044.7	1029.2	1016.9
-5°	1087.1	1089.8	1087.1	1084.0	1081.4	1069.9	1056.6	1038.1	1013.3	998.8	986.4
-7°	1068.6	1064.6	1062.4	1055.8	1046.9	1029.2	1012.5	993.5	979.8	975.8	972.7
-9°	1012.9	1009.8	1008.5	1005.4	999.7	987.3	980.2	972.7	967.8	967.8	964.3
-11°	967.8	966.1	965.2	962.1	961.2	955.5	954.6	951.9	948.0	948.0	941.8
-13°	934.7	934.7	934.7	933.4	930.3	928.1	927.6	925.4	920.6	918.8	909.5
-15°	915.7	916.2	914.4	912.6	908.7	906.0	903.4	899.8	893.6	888.8	876.8
-17°	883.9	881.7	883.5	879.9	879.9	877.3	876.4	874.6	868.5	861.4	846.8
-19.5°	832.2	832.7	831.8	829.1	827.8	827.4	826.9	824.3	817.7	810.1	798.7
-22.5°	817.2	816.8	815.4	813.7	812.4	811.0	811.5	810.1	804.0	796.5	785.0
-25.5°	797.3	796.9	795.6	793.4	790.7	788.1	788.9	787.2	782.3	776.1	766.4
-29°	770.4	769.1	767.7	766.0	761.6	754.9	750.1	746.1	740.8	735.9	724.9
-33°	729.7	729.3	729.3	727.5	723.6	718.3	712.5	706.8	699.3	691.8	678.9
-37.5°	689.1	689.1	689.1	688.2	686.5	683.8	680.7	675.4	667.9	659.1	647.1
-42.5°	666.1	665.7	666.1	663.9	661.3	657.7	655.1	650.2	644.5	640.1	633.0
-47.5°	467.4	460.3	464.3	465.1	456.8	459.0	458.1	458.5	455.4	447.0	439.5
-55°	83.9	83.9	84.8	86.1	85.3	83.0	80.4	80.4	83.5	84.8	83.0
-65°	69.8	69.8	69.8	69.4	69.4	68.9	68.9	68.9	68.9	68.9	71.1
-75°	10.2	9.7	10.2	10.2	9.3	9.7	11.0	11.0	11.0	11.0	11.0
-85°	3.1	3.1	3.1	4.4	4.9	5.3	5.3	5.7	5.7	5.3	5.3
-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°	1.8	1.8	1.8	1.3	1.3	1.8	1.8	2.2	3.1	3.5	3.5
75°	0.9	0.9	0.9	0.9	1.3	1.8	1.8	2.2	3.1	3.5	4.0
65°	0.9	0.9	0.9	0.9	0.9	1.3	1.8	2.7	3.1	3.5	4.0
55°	6.6	4.9	3.5	4.0	4.9	3.5	2.7	3.1	3.5	4.0	4.0
47.5°	23.9	14.6	9.3	8.4	9.3	7.1	5.7	5.7	7.5	4.0	4.0
42.5°	67.6	25.6	46.8	51.2	44.2	14.1	19.9	15.5	8.8	4.4	4.0
37.5°	565.0	537.6	523.0	483.7	414.3	173.2	126.8	21.2	9.3	4.4	4.0
33°	889.2	866.7	838.4	781.4	774.4	657.7	358.7	43.7	9.3	4.9	4.0
29°	1281.5	1212.1	1190.5	1102.1	1041.2	871.5	532.7	98.1	10.2	5.3	4.0
25.5°	1235.5	1193.1	1145.9	1097.7	1046.9	920.6	652.4	142.7	11.5	5.3	4.0
22.5°	1168.8	1126.4	1086.2	1050.9	1021.7	951.9	746.5	177.1	13.3	5.3	4.0
19.5°	1115.4	1078.3	1041.6	1007.6	993.9	954.2	777.9	204.5	15.9	5.3	4.0
17°	1063.3	1034.1	1007.6	984.2	979.3	927.2	773.5	228.4	20.3	5.7	4.0
15°	1034.5	1006.3	987.3	978.0	968.3	893.6	767.7	251.8	23.0	5.7	4.0
13°	1019.5	990.8	977.6	980.7	949.7	870.7	759.8	288.9	25.6	5.7	4.0
11°	1017.8	986.0	977.1	967.8	927.6	862.7	754.0	334.0	26.9	5.7	4.0
9°	1023.1	994.8	976.2	943.1	908.7	860.1	750.1	386.1	27.4	6.2	4.4
7°	1027.5	1000.5	975.4	921.0	889.2	853.0	743.4	434.2	26.5	6.2	4.4
5°	1034.1	1005.0	973.1	903.8	873.3	845.0	737.7	482.8	25.2	6.2	4.4
3°	1032.8	996.1	964.8	887.4	860.1	838.9	733.3	525.2	24.7	6.2	4.4
1°	1022.6	980.7	945.8	875.1	846.4	829.6	731.1	561.0	24.7	6.6	4.4
0°	1016.9	971.8	934.3	869.3	839.3	825.2	730.2	576.9	24.3	6.6	4.4
-1°	1007.2	960.3	927.2	864.0	833.1	819.0	728.4	588.8	24.3	6.6	4.4
-3°	983.3	941.8	914.8	852.6	822.5	808.8	727.1	604.7	24.7	6.6	4.4
-5°	965.6	933.8	904.7	842.4	814.6	798.2	723.6	612.7	25.2	6.6	4.4
-7°	958.1	925.9	893.2	829.1	802.2	785.0	719.6	614.0	25.2	6.6	4.4
-9°	947.1	912.2	875.5	812.4	786.7	768.6	715.6	610.0	25.6	7.1	4.4
-11°	921.5	884.4	848.1	794.7	769.5	748.3	705.9	603.0	25.6	7.1	4.4
-13°	887.4	851.7	818.5	774.8	752.3	731.1	696.6	588.8	25.6	7.1	4.4
-15°	852.6	818.5	790.7	757.6	737.7	716.1	688.2	567.2	25.6	7.1	4.4
-17°	819.4	785.8	762.9	739.9	722.7	701.5	678.5	538.9	26.1	7.1	4.4
-19.5°	775.2	748.7	732.4	718.7	703.2	683.8	668.3	494.7	25.6	6.6	4.4
-22.5°	758.9	733.3	718.7	705.0	688.2	668.8	661.3	423.2	24.3	6.6	4.4
-25.5°	738.1	711.6	695.3	683.8	674.5	656.0	660.0	337.9	23.4	6.6	4.4
-29°	699.7	678.1	661.7	649.4	641.4	637.9	663.0	227.1	24.3	6.2	4.4
-33°	659.5	639.6	618.9	599.9	587.5	595.5	654.7	89.2	25.2	6.2	4.4
-37.5°	631.2	612.2	588.8	560.1	533.2	531.9	598.6	45.9	26.1	6.2	4.4
-42.5°	614.9	600.8	577.3	553.1	516.4	441.7	418.3	57.0	25.2	5.7	4.4
-47.5°	435.1	423.2	411.7	392.7	363.1	284.0	190.4	38.0	19.9	4.9	4.0
-55°	89.7	88.8	91.9	87.5	52.6	28.3	38.9	16.8	6.2	4.9	4.0
-65°	78.2	86.1	64.9	35.3	11.9	15.0	21.6	12.8	4.9	4.4	4.0
-75°	10.6	10.2	7.5	7.5	8.4	8.0	5.7	4.0	4.0	4.0	4.0
-85°	4.9	4.4	4.4	4.0	4.0	3.5	3.5	3.1	3.5	4.0	4.0
-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)