

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: P960318

Luminaire Tested: **NVN-SB1C-730-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P960318
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SB1C-730-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7651.6 lumens
Efficiency: N/A
Efficacy: 140.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

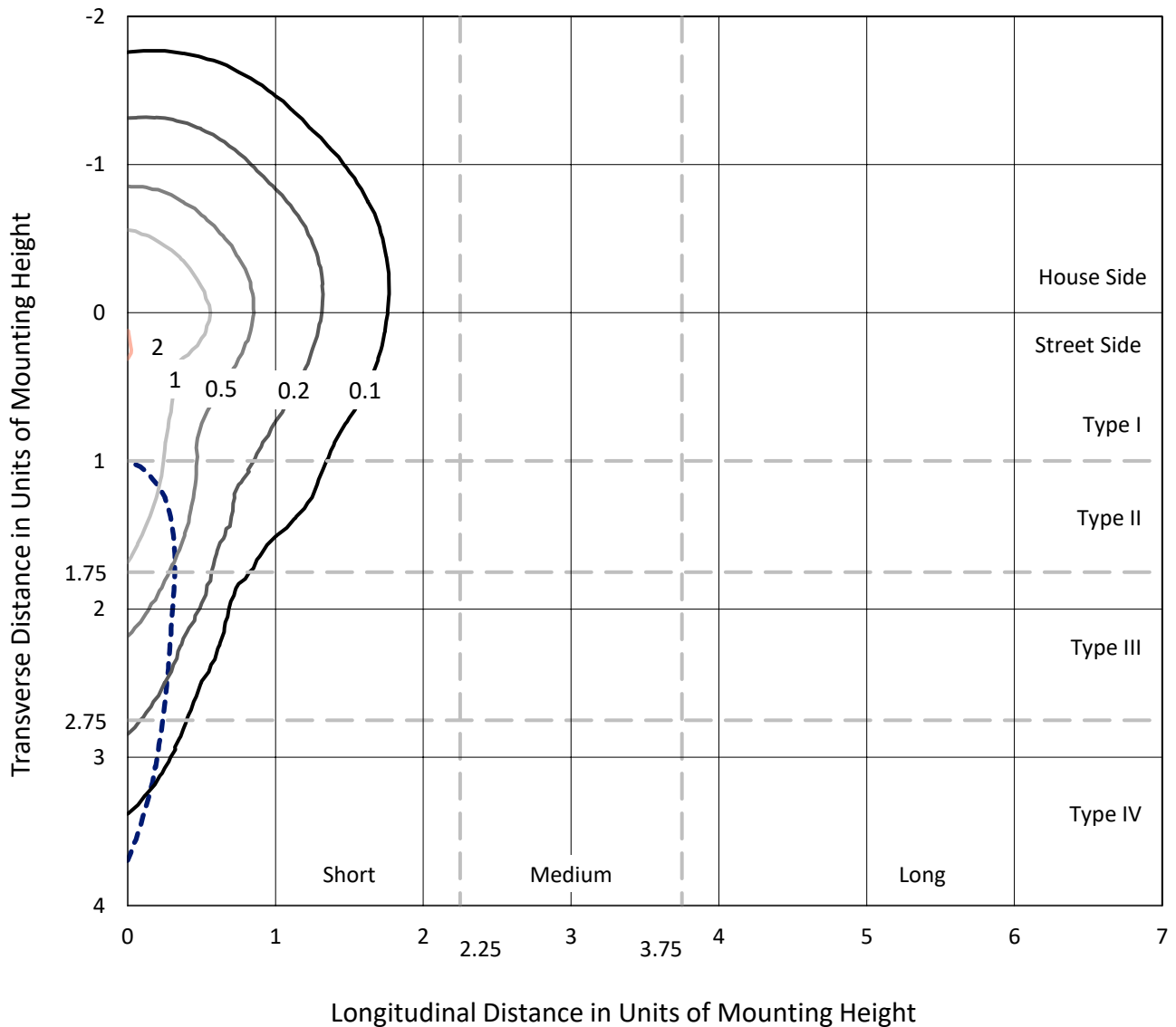
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

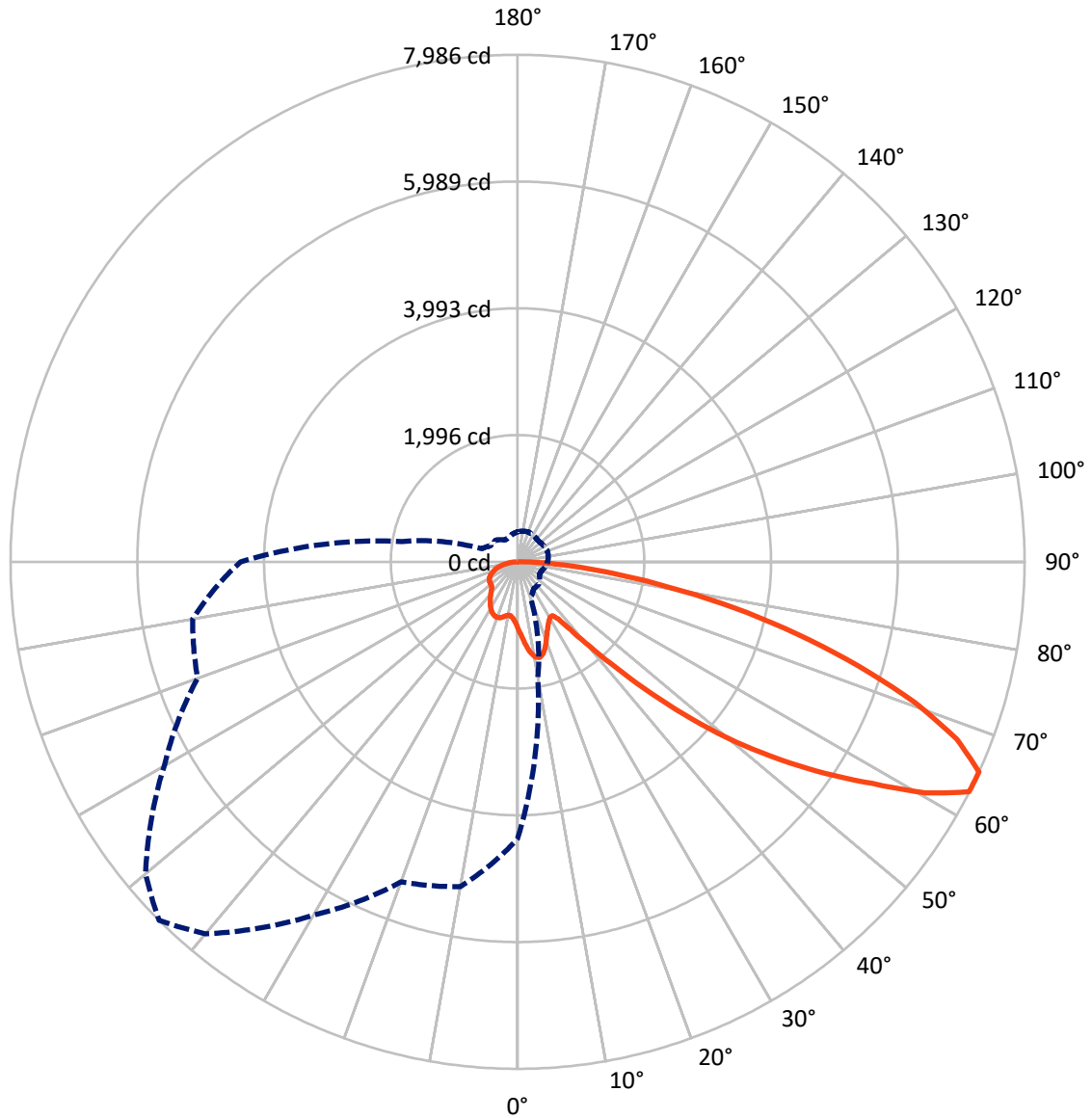
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1944.7	0.0	1944.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5707.0	0.0	5707.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	7651.6	0.0	7651.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.4	1.4
10°-20°	327.7	4.3
20°-30°	506.1	6.6
30°-40°	641.4	8.4
40°-50°	967.3	12.6
50°-60°	1562.9	20.4
60°-70°	1948.4	25.5
70°-80°	1277.7	16.7
80°-90°	315.9	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7651.6	100.0
0°-180°	7651.6	100.0

Coefficient of Utilization



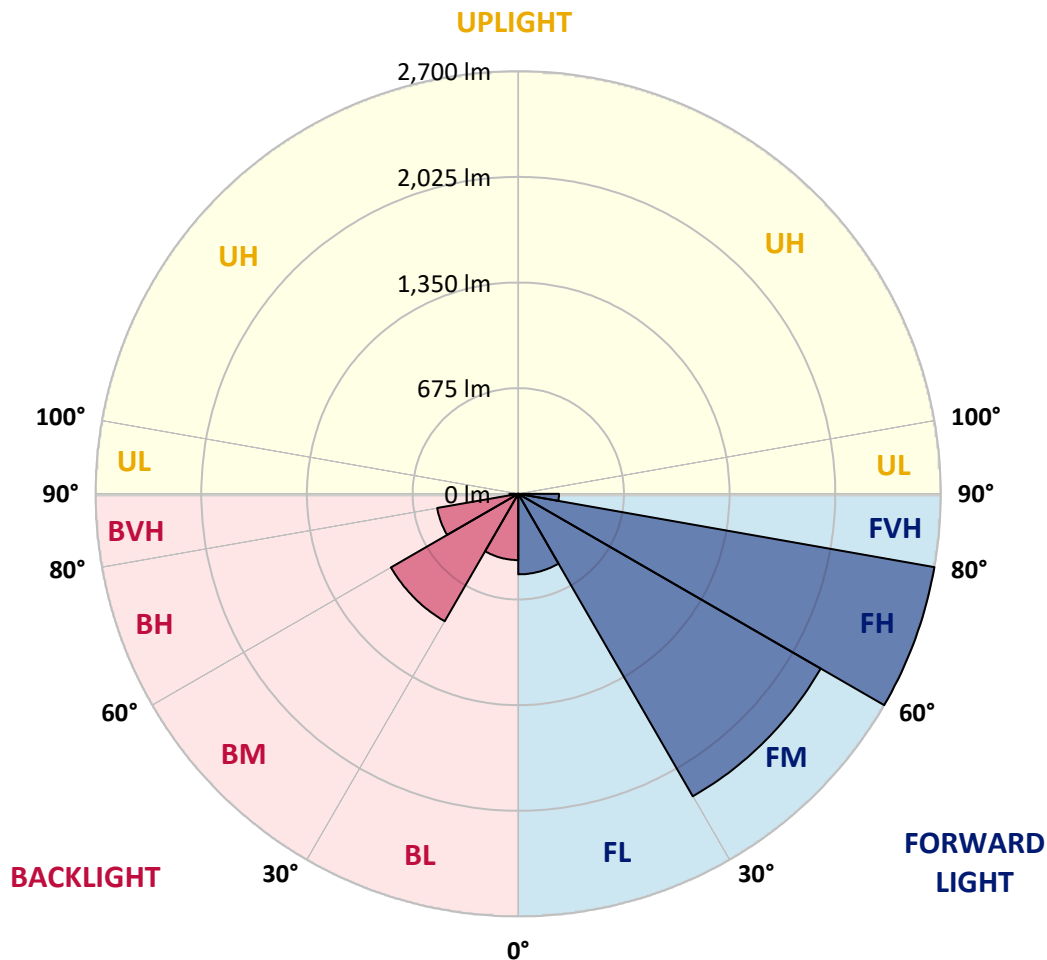
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	514.7	6.7			
FM (30°-60°)	2231.8	29.2			
FH (60°-80°)	2700.3	35.3			G2/5000
FVH (80°-90°)	260.2	3.4			G3/500
BL (0°-30°)	423.5	5.5	B1/500		
BM (30°-60°)	939.8	12.3	B1/1000		
BH (60°-80°)	525.8	6.9	B2/1000		G2/1000
BVH (80°-90°)	55.7	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	1131.5	1122.8	1114.2	1104.8	1095.7	1086.4	1077.1	1068.3	1059.3	1050.7	1041.2
5°	1216.7	1197.5	1178.3	1159.2	1140.1	1120.8	1101.7	1083.6	1065.7	1048.8	1032.0
7.5°	1302.3	1270.6	1239.0	1209.8	1180.6	1152.1	1123.6	1098.6	1073.5	1050.3	1028.7
10°	1367.9	1327.9	1287.9	1249.3	1210.6	1176.1	1141.4	1111.8	1082.1	1053.6	1030.3
12.5°	1408.0	1364.1	1320.2	1276.4	1232.7	1191.9	1151.1	1117.6	1083.9	1054.0	1032.3
15°	1432.5	1386.6	1340.8	1293.3	1245.9	1198.9	1152.0	1113.1	1074.3	1041.1	1023.7
17.5°	1446.2	1399.7	1353.3	1301.4	1249.7	1195.1	1140.6	1094.0	1047.2	1008.2	997.4
20°	1461.3	1413.1	1364.8	1307.8	1250.9	1184.8	1118.8	1060.9	1003.0	957.5	954.7
22.5°	1479.0	1429.6	1380.2	1316.4	1252.6	1172.2	1091.8	1022.1	952.3	900.6	906.1
25°	1501.5	1453.1	1404.9	1331.9	1258.9	1159.7	1060.5	978.8	897.1	844.0	859.0
27.5°	1532.2	1486.1	1439.9	1356.1	1272.2	1151.3	1030.3	939.1	848.0	799.6	817.7
30°	1573.6	1529.0	1484.5	1387.4	1290.5	1147.4	1004.2	906.0	807.9	767.3	781.6
32.5°	1622.5	1578.3	1534.2	1420.2	1306.2	1142.6	978.8	877.5	776.2	743.5	749.8
35°	1681.8	1639.6	1597.3	1457.6	1317.7	1133.4	949.1	849.4	749.8	722.5	719.9
37.5°	1781.8	1727.8	1674.0	1499.3	1324.6	1117.8	910.9	816.4	721.9	698.1	688.5
40°	1932.7	1854.2	1775.7	1552.4	1328.9	1096.2	863.7	777.1	690.4	668.8	654.1
42.5°	2133.0	2019.7	1906.4	1621.8	1337.1	1074.1	811.1	733.5	656.0	636.1	617.6
45°	2380.3	2227.4	2074.7	1713.1	1351.6	1053.4	755.3	687.4	619.3	599.1	581.2
47.5°	2689.6	2474.5	2259.4	1810.4	1361.4	1036.4	711.3	650.8	590.3	564.3	548.8
50°	3094.9	2770.7	2446.4	1900.7	1354.9	1017.8	680.6	626.6	572.5	538.2	520.2
52.5°	3560.2	3081.8	2603.4	1959.3	1315.2	986.5	657.7	610.6	563.4	524.1	499.0
55°	4055.6	3357.6	2659.7	1946.4	1233.1	934.4	635.8	598.9	562.1	525.5	487.7
57.5°	4506.2	3553.2	2600.0	1855.5	1110.9	861.1	611.3	585.3	559.2	526.8	480.8
60°	4778.5	3602.0	2425.4	1686.2	947.1	765.9	584.7	564.3	543.8	522.4	474.5
62.5°	4640.3	3396.2	2152.3	1457.4	762.6	652.0	541.3	527.8	514.1	511.6	467.1
65°	4363.5	3105.2	1846.9	1224.0	601.1	549.5	497.8	491.4	485.0	485.3	451.4
67.5°	3992.7	2758.9	1525.0	995.3	465.6	450.9	436.2	439.8	443.4	442.5	423.4
70°	3547.1	2380.9	1214.6	783.7	352.7	356.9	361.0	377.7	394.2	394.2	388.0
72.5°	3016.2	1971.2	926.2	599.1	272.0	284.6	297.4	320.9	344.5	348.4	348.5
75°	2344.6	1501.5	658.5	434.8	211.3	222.7	234.2	260.6	287.0	305.2	303.7
77.5°	1675.2	1050.9	426.7	294.7	162.7	170.5	178.2	203.9	229.5	259.6	258.8
80°	1096.3	677.1	257.8	189.8	122.0	125.2	128.4	150.2	171.8	207.8	207.6
82.5°	637.3	391.9	146.5	116.7	87.1	87.7	88.4	104.3	120.3	151.0	152.7
85°	280.4	176.3	72.2	62.4	52.7	52.4	52.1	63.8	75.5	98.3	100.6
87.5°	86.8	57.7	28.7	25.8	23.1	22.9	22.5	27.3	32.1	41.6	44.4
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	1033.4	1025.7	1018.7	1011.8	1005.7	999.6	993.4	987.4	982.7	977.8	974.1
5°	1017.3	1002.7	990.5	978.2	967.4	956.5	946.8	936.8	929.4	921.8	916.5
7.5°	1009.2	989.7	973.6	957.5	943.9	930.2	918.2	906.2	897.2	888.3	881.9
10°	1009.7	989.2	973.1	956.9	942.3	927.6	914.1	900.6	889.8	879.0	872.0
12.5°	1015.5	998.8	988.1	977.4	965.9	954.4	940.3	926.4	912.7	898.9	889.9
15°	1015.7	1007.7	1009.1	1010.5	1007.6	1004.6	992.4	980.3	960.7	941.3	927.4
17.5°	1000.4	1003.3	1020.9	1038.5	1047.9	1057.2	1047.4	1037.6	1011.8	985.8	965.6
20°	968.4	982.2	1012.7	1043.2	1062.8	1082.4	1077.9	1073.4	1043.8	1014.2	989.2
22.5°	926.4	946.7	981.5	1016.6	1042.0	1067.5	1070.2	1073.0	1044.7	1016.4	990.8
25°	882.4	905.8	937.2	968.6	993.6	1018.7	1028.1	1037.4	1014.2	991.1	968.2
27.5°	840.4	863.0	888.8	914.6	934.7	954.8	965.2	975.7	959.1	942.7	925.0
30°	799.5	817.5	838.9	860.3	877.0	893.7	902.2	910.6	898.1	885.5	872.8
32.5°	760.4	771.1	788.1	805.2	821.2	837.3	846.6	856.2	844.6	833.0	822.9
35°	722.8	725.7	738.8	751.7	767.6	783.5	794.8	806.1	797.9	789.7	780.2
37.5°	685.2	682.0	691.4	700.7	716.5	732.4	746.3	760.2	756.4	752.7	744.0
40°	646.8	639.5	646.2	652.9	668.2	683.5	699.6	715.7	716.6	717.5	710.1
42.5°	607.8	598.2	603.6	609.2	623.6	638.2	655.5	672.8	677.5	682.1	676.0
45°	571.7	562.3	566.9	571.6	585.4	599.1	617.0	635.1	641.8	648.4	642.9
47.5°	540.9	532.9	537.3	541.6	555.0	568.5	586.2	604.0	611.7	619.3	615.5
50°	513.2	506.2	513.0	519.8	532.5	545.1	561.1	577.0	586.8	596.7	596.4
52.5°	492.0	485.1	495.3	505.5	517.1	528.7	543.6	558.4	570.0	581.7	583.8
55°	476.6	465.8	480.2	494.7	507.2	519.7	532.7	545.7	558.0	570.4	573.3
57.5°	464.8	448.8	464.4	480.0	494.8	509.4	522.2	535.2	547.7	560.1	563.0
60°	453.8	433.1	446.7	460.3	477.2	494.2	507.2	520.2	532.8	545.3	548.5
62.5°	441.2	415.2	423.9	432.7	452.2	472.0	486.0	499.8	511.3	522.8	525.9
65°	423.8	396.3	399.6	402.9	424.0	445.2	458.5	471.8	481.9	492.0	495.2
67.5°	400.5	377.6	376.6	375.5	394.9	414.4	427.1	439.7	448.4	457.2	460.2
70°	371.7	355.4	351.8	348.1	365.2	382.3	393.3	404.2	412.0	419.9	422.9
72.5°	337.3	326.2	320.8	315.5	329.0	342.5	352.3	362.1	369.9	377.6	381.1
75°	295.1	286.5	281.4	276.2	286.3	296.2	305.1	314.2	321.1	328.2	331.9
77.5°	251.9	245.0	239.8	234.6	242.8	250.9	258.6	266.3	273.7	281.1	284.4
80°	201.8	196.0	191.7	187.4	194.1	200.9	207.4	213.8	219.4	225.0	229.6
82.5°	149.9	147.1	144.0	140.9	140.3	139.8	137.6	135.3	147.2	159.2	167.0
85°	97.5	94.5	91.0	87.6	84.7	81.8	75.5	69.3	80.5	91.6	101.4
87.5°	43.2	42.0	41.3	40.7	40.6	40.5	35.7	30.9	35.6	40.3	44.2
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	970.2	967.2	964.2	961.4	958.7	955.3	958.7	961.4	964.2	967.2	970.2
5°	911.2	907.4	903.6	900.8	897.9	895.1	897.9	900.8	903.6	907.4	911.2
7.5°	875.7	871.4	867.0	864.5	861.9	860.0	861.9	864.5	867.0	871.4	875.7
10°	864.9	860.8	856.8	854.5	852.4	851.5	852.4	854.5	856.8	860.8	864.9
12.5°	880.8	876.2	871.7	869.8	868.0	867.7	868.0	869.8	871.7	876.2	880.8
15°	913.6	907.2	901.0	898.5	896.2	896.0	896.2	898.5	901.0	907.2	913.6
17.5°	945.2	935.8	926.4	923.3	920.2	919.7	920.2	923.3	926.4	935.8	945.2
20°	964.3	952.3	940.3	936.4	932.6	931.4	932.6	936.4	940.3	952.3	964.3
22.5°	965.0	952.4	939.7	935.5	931.2	929.5	931.2	935.5	939.7	952.4	965.0
25°	945.5	934.5	923.5	919.5	915.6	913.3	915.6	919.5	923.5	934.5	945.5
27.5°	907.2	899.8	892.5	890.6	888.9	888.3	888.9	890.6	892.5	899.8	907.2
30°	860.1	856.3	852.5	852.5	852.5	853.1	852.5	852.5	852.5	856.3	860.1
32.5°	812.7	810.3	807.8	808.1	808.5	809.1	808.5	808.1	807.8	810.3	812.7
35°	771.0	767.2	763.5	762.7	761.9	761.5	761.9	762.7	763.5	767.2	771.0
37.5°	735.4	728.6	721.8	718.2	714.6	712.6	714.6	718.2	721.8	728.6	735.4
40°	702.8	692.9	683.1	676.4	669.7	665.7	669.7	676.4	683.1	692.9	702.8
42.5°	669.8	657.5	645.2	635.5	625.8	619.3	625.8	635.5	645.2	657.5	669.8
45°	637.3	623.2	609.2	597.8	586.3	579.0	586.3	597.8	609.2	623.2	637.3
47.5°	611.6	599.1	586.6	575.9	565.5	558.4	565.5	575.9	586.6	599.1	611.6
50°	596.2	586.2	576.3	566.4	556.7	549.9	556.7	566.4	576.3	586.2	596.2
52.5°	585.9	577.8	569.6	560.9	552.2	545.9	552.2	560.9	569.6	577.8	585.9
55°	576.3	569.1	562.0	554.3	546.6	541.0	546.6	554.3	562.0	569.1	576.3
57.5°	566.0	558.8	551.6	544.0	536.4	530.5	536.4	544.0	551.6	558.8	566.0
60°	551.8	544.7	537.7	529.9	522.0	516.0	522.0	529.9	537.7	544.7	551.8
62.5°	529.0	522.6	516.3	508.1	499.8	492.6	499.8	508.1	516.3	522.6	529.0
65°	498.4	492.2	486.2	478.2	470.2	463.9	470.2	478.2	486.2	492.2	498.4
67.5°	463.3	457.7	452.1	444.6	437.3	431.6	437.3	444.6	452.1	457.7	463.3
70°	425.9	421.3	416.8	409.7	402.5	396.1	402.5	409.7	416.8	421.3	425.9
72.5°	384.7	380.9	377.1	370.3	363.6	357.3	363.6	370.3	377.1	380.9	384.7
75°	335.6	333.7	331.9	326.2	320.5	314.5	320.5	326.2	331.9	333.7	335.6
77.5°	287.9	285.4	282.7	277.0	271.2	266.5	271.2	277.0	282.7	285.4	287.9
80°	234.2	233.1	232.0	224.3	216.5	207.6	216.5	224.3	232.0	233.1	234.2
82.5°	174.9	174.4	173.8	167.3	160.8	155.1	160.8	167.3	173.8	174.4	174.9
85°	111.0	110.2	109.4	104.3	99.2	94.1	99.2	104.3	109.4	110.2	111.0
87.5°	48.2	47.2	46.1	43.6	40.9	38.3	40.9	43.6	46.1	47.2	48.2
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	974.1	977.8	982.7	987.4	993.4	999.6	1005.7	1011.8	1018.7	1025.7	1033.4
5°	916.5	921.8	929.4	936.8	946.8	956.5	967.4	978.2	990.5	1002.7	1017.3
7.5°	881.9	888.3	897.2	906.2	918.2	930.2	943.9	957.5	973.6	989.7	1009.2
10°	872.0	879.0	889.8	900.6	914.1	927.6	942.3	956.9	973.1	989.2	1009.7
12.5°	889.9	898.9	912.7	926.4	940.3	954.4	965.9	977.4	988.1	998.8	1015.5
15°	927.4	941.3	960.7	980.3	992.4	1004.6	1007.6	1010.5	1009.1	1007.7	1015.7
17.5°	965.6	985.8	1011.8	1037.6	1047.4	1057.2	1047.9	1038.5	1020.9	1003.3	1000.4
20°	989.2	1014.2	1043.8	1073.4	1077.9	1082.4	1062.8	1043.2	1012.7	982.2	968.4
22.5°	990.8	1016.4	1044.7	1073.0	1070.2	1067.5	1042.0	1016.6	981.5	946.7	926.4
25°	968.2	991.1	1014.2	1037.4	1028.1	1018.7	993.6	968.6	937.2	905.8	882.4
27.5°	925.0	942.7	959.1	975.7	965.2	954.8	934.7	914.6	888.8	863.0	840.4
30°	872.8	885.5	898.1	910.6	902.2	893.7	877.0	860.3	838.9	817.5	799.5
32.5°	822.9	833.0	844.6	856.2	846.6	837.3	821.2	805.2	788.1	771.1	760.4
35°	780.2	789.7	797.9	806.1	794.8	783.5	767.6	751.7	738.8	725.7	722.8
37.5°	744.0	752.7	756.4	760.2	746.3	732.4	716.5	700.7	691.4	682.0	685.2
40°	710.1	717.5	716.6	715.7	699.6	683.5	668.2	652.9	646.2	639.5	646.8
42.5°	676.0	682.1	677.5	672.8	655.5	638.2	623.6	609.2	603.6	598.2	607.8
45°	642.9	648.4	641.8	635.1	617.0	599.1	585.4	571.6	566.9	562.3	571.7
47.5°	615.5	619.3	611.7	604.0	586.2	568.5	555.0	541.6	537.3	532.9	540.9
50°	596.4	596.7	586.8	577.0	561.1	545.1	532.5	519.8	513.0	506.2	513.2
52.5°	583.8	581.7	570.0	558.4	543.6	528.7	517.1	505.5	495.3	485.1	492.0
55°	573.3	570.4	558.0	545.7	532.7	519.7	507.2	494.7	480.2	465.8	476.6
57.5°	563.0	560.1	547.7	535.2	522.2	509.4	494.8	480.0	464.4	448.8	464.8
60°	548.5	545.3	532.8	520.2	507.2	494.2	477.2	460.3	446.7	433.1	453.8
62.5°	525.9	522.8	511.3	499.8	486.0	472.0	452.2	432.7	423.9	415.2	441.2
65°	495.2	492.0	481.9	471.8	458.5	445.2	424.0	402.9	399.6	396.3	423.8
67.5°	460.2	457.2	448.4	439.7	427.1	414.4	394.9	375.5	376.6	377.6	400.5
70°	422.9	419.9	412.0	404.2	393.3	382.3	365.2	348.1	351.8	355.4	371.7
72.5°	381.1	377.6	369.9	362.1	352.3	342.5	329.0	315.5	320.8	326.2	337.3
75°	331.9	328.2	321.1	314.2	305.1	296.2	286.3	276.2	281.4	286.5	295.1
77.5°	284.4	281.1	273.7	266.3	258.6	250.9	242.8	234.6	239.8	245.0	251.9
80°	229.6	225.0	219.4	213.8	207.4	200.9	194.1	187.4	191.7	196.0	201.8
82.5°	167.0	159.2	147.2	135.3	137.6	139.8	140.3	140.9	144.0	147.1	149.9
85°	101.4	91.6	80.5	69.3	75.5	81.8	84.7	87.6	91.0	94.5	97.5
87.5°	44.2	40.3	35.6	30.9	35.7	40.5	40.6	40.7	41.3	42.0	43.2
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	1041.2	1050.7	1059.3	1068.3	1077.1	1086.4	1095.7	1104.8	1114.2	1122.8	1131.5
5°	1032.0	1048.8	1065.7	1083.6	1101.7	1120.8	1140.1	1159.2	1178.3	1197.5	1216.7
7.5°	1028.7	1050.3	1073.5	1098.6	1123.6	1152.1	1180.6	1209.8	1239.0	1270.6	1302.3
10°	1030.3	1053.6	1082.1	1111.8	1141.4	1176.1	1210.6	1249.3	1287.9	1327.9	1367.9
12.5°	1032.3	1054.0	1083.9	1117.6	1151.1	1191.9	1232.7	1276.4	1320.2	1364.1	1408.0
15°	1023.7	1041.1	1074.3	1113.1	1152.0	1198.9	1245.9	1293.3	1340.8	1386.6	1432.5
17.5°	997.4	1008.2	1047.2	1094.0	1140.6	1195.1	1249.7	1301.4	1353.3	1399.7	1446.2
20°	954.7	957.5	1003.0	1060.9	1118.8	1184.8	1250.9	1307.8	1364.8	1413.1	1461.3
22.5°	906.1	900.6	952.3	1022.1	1091.8	1172.2	1252.6	1316.4	1380.2	1429.6	1479.0
25°	859.0	844.0	897.1	978.8	1060.5	1159.7	1258.9	1331.9	1404.9	1453.1	1501.5
27.5°	817.7	799.6	848.0	939.1	1030.3	1151.3	1272.2	1356.1	1439.9	1486.1	1532.2
30°	781.6	767.3	807.9	906.0	1004.2	1147.4	1290.5	1387.4	1484.5	1529.0	1573.6
32.5°	749.8	743.5	776.2	877.5	978.8	1142.6	1306.2	1420.2	1534.2	1578.3	1622.5
35°	719.9	722.5	749.8	849.4	949.1	1133.4	1317.7	1457.6	1597.3	1639.6	1681.8
37.5°	688.5	698.1	721.9	816.4	910.9	1117.8	1324.6	1499.3	1674.0	1727.8	1781.8
40°	654.1	668.8	690.4	777.1	863.7	1096.2	1328.9	1552.4	1775.7	1854.2	1932.7
42.5°	617.6	636.1	656.0	733.5	811.1	1074.1	1337.1	1621.8	1906.4	2019.7	2133.0
45°	581.2	599.1	619.3	687.4	755.3	1053.4	1351.6	1713.1	2074.7	2227.4	2380.3
47.5°	548.8	564.3	590.3	650.8	711.3	1036.4	1361.4	1810.4	2259.4	2474.5	2689.6
50°	520.2	538.2	572.5	626.6	680.6	1017.8	1354.9	1900.7	2446.4	2770.7	3094.9
52.5°	499.0	524.1	563.4	610.6	657.7	986.5	1315.2	1959.3	2603.4	3081.8	3560.2
55°	487.7	525.5	562.1	598.9	635.8	934.4	1233.1	1946.4	2659.7	3357.6	4055.6
57.5°	480.8	526.8	559.2	585.3	611.3	861.1	1110.9	1855.5	2600.0	3553.2	4506.2
60°	474.5	522.4	543.8	564.3	584.7	765.9	947.1	1686.2	2425.4	3602.0	4778.5
62.5°	467.1	511.6	514.1	527.8	541.3	652.0	762.6	1457.4	2152.3	3396.2	4640.3
65°	451.4	485.3	485.0	491.4	497.8	549.5	601.1	1224.0	1846.9	3105.2	4363.5
67.5°	423.4	442.5	443.4	439.8	436.2	450.9	465.6	995.3	1525.0	2758.9	3992.7
70°	388.0	394.2	394.2	377.7	361.0	356.9	352.7	783.7	1214.6	2380.9	3547.1
72.5°	348.5	348.4	344.5	320.9	297.4	284.6	272.0	599.1	926.2	1971.2	3016.2
75°	303.7	305.2	287.0	260.6	234.2	222.7	211.3	434.8	658.5	1501.5	2344.6
77.5°	258.8	259.6	229.5	203.9	178.2	170.5	162.7	294.7	426.7	1050.9	1675.2
80°	207.6	207.8	171.8	150.2	128.4	125.2	122.0	189.8	257.8	677.1	1096.3
82.5°	152.7	151.0	120.3	104.3	88.4	87.7	87.1	116.7	146.5	391.9	637.3
85°	100.6	98.3	75.5	63.8	52.1	52.4	52.7	62.4	72.2	176.3	280.4
87.5°	44.4	41.6	32.1	27.3	22.5	22.9	23.1	25.8	28.7	57.7	86.8
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	1135.8	1140.1	1146.2	1152.3	1155.9	1159.6	1161.4	1163.2	1162.4	1163.2	1161.4
5°	1231.6	1246.7	1261.6	1276.4	1284.5	1292.6	1297.4	1302.4	1306.2	1302.4	1297.4
7.5°	1326.7	1351.1	1373.0	1394.8	1408.0	1421.3	1428.4	1435.5	1439.0	1435.5	1428.4
10°	1396.8	1425.6	1451.3	1477.0	1492.6	1508.1	1515.1	1521.9	1524.6	1521.9	1515.1
12.5°	1439.3	1470.6	1493.7	1517.0	1528.3	1539.6	1543.3	1547.1	1547.5	1547.1	1543.3
15°	1459.5	1486.4	1501.0	1515.6	1516.0	1516.4	1512.4	1508.3	1503.6	1508.3	1512.4
17.5°	1464.4	1482.7	1483.0	1483.2	1466.8	1450.5	1435.5	1420.4	1409.9	1420.4	1435.5
20°	1467.7	1474.1	1454.9	1435.7	1399.6	1363.6	1337.2	1311.0	1294.8	1311.0	1337.2
22.5°	1470.6	1462.3	1422.6	1382.8	1329.7	1276.6	1243.7	1210.9	1193.1	1210.9	1243.7
25°	1475.3	1449.0	1388.8	1328.4	1263.9	1199.5	1164.9	1130.4	1113.6	1130.4	1164.9
27.5°	1485.3	1438.4	1358.4	1278.6	1207.1	1135.7	1101.7	1067.7	1051.8	1067.7	1101.7
30°	1503.7	1433.7	1335.4	1237.0	1162.6	1088.1	1056.6	1025.0	1010.1	1025.0	1056.6
32.5°	1526.6	1430.9	1319.6	1208.4	1138.4	1068.4	1043.7	1018.8	1008.2	1018.8	1043.7
35°	1564.6	1447.4	1331.4	1215.4	1166.9	1118.3	1112.5	1106.8	1105.9	1106.8	1112.5
37.5°	1643.8	1505.9	1400.6	1295.2	1292.0	1288.8	1315.3	1341.6	1355.4	1341.6	1315.3
40°	1782.8	1632.7	1554.4	1476.0	1531.4	1586.6	1650.9	1715.0	1747.0	1715.0	1650.9
42.5°	1984.2	1835.4	1790.2	1745.1	1865.7	1986.3	2103.1	2219.8	2288.4	2219.8	2103.1
45°	2246.6	2112.9	2092.9	2073.1	2266.3	2459.6	2651.5	2843.4	2959.9	2843.4	2651.5
47.5°	2559.5	2429.5	2425.4	2421.4	2700.2	2979.0	3259.8	3540.7	3705.6	3540.7	3259.8
50°	2934.3	2773.6	2774.4	2775.0	3134.3	3493.7	3864.5	4235.2	4459.4	4235.2	3864.5
52.5°	3365.7	3171.2	3151.6	3131.9	3561.1	3990.3	4449.0	4907.7	5176.5	4907.7	4449.0
55°	3863.4	3671.2	3594.6	3517.9	3995.7	4473.3	5020.1	5567.1	5886.7	5567.1	5020.1
57.5°	4401.6	4296.9	4143.0	3989.3	4471.7	4954.0	5573.4	6192.8	6589.1	6192.8	5573.4
60°	4941.1	5103.7	4912.7	4721.8	5178.2	5634.7	6297.9	6961.1	7389.3	6961.1	6297.9
62.5°	5084.4	5528.5	5507.0	5485.5	5903.7	6321.9	6952.9	7583.8	7979.6	7583.8	6952.9
65°	4780.4	5197.3	5279.7	5362.2	5893.5	6425.0	7036.8	7648.7	7985.7	7648.7	7036.8
67.5°	4389.2	4785.6	4824.3	4862.9	5416.6	5970.3	6584.7	7199.2	7463.2	7199.2	6584.7
70°	3978.3	4409.7	4426.9	4444.2	4939.4	5434.5	5963.3	6492.0	6638.8	6492.0	5963.3
72.5°	3511.0	4006.0	4018.4	4030.8	4418.2	4805.6	5201.7	5597.6	5612.5	5597.6	5201.7
75°	2856.8	3369.0	3414.9	3460.9	3762.4	4063.7	4342.5	4621.3	4546.6	4621.3	4342.5
77.5°	2153.2	2631.4	2697.2	2763.1	2992.2	3221.3	3419.0	3616.8	3488.4	3616.8	3419.0
80°	1498.7	1900.9	1982.7	2064.5	2237.5	2410.5	2514.3	2618.1	2411.6	2618.1	2514.3
82.5°	912.4	1187.4	1278.7	1370.1	1489.2	1608.3	1651.7	1694.9	1532.6	1694.9	1651.7
85°	426.4	572.4	650.1	727.7	825.6	923.4	948.0	972.6	842.7	972.6	948.0
87.5°	135.8	184.9	228.3	271.6	320.6	369.5	371.6	373.7	313.8	373.7	371.6
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):

	330°	335°	340°	345°	350°	355°	360°
0°	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2
2.5°	1159.6	1155.9	1152.3	1146.2	1140.1	1135.8	1131.5
5°	1292.6	1284.5	1276.4	1261.6	1246.7	1231.6	1216.7
7.5°	1421.3	1408.0	1394.8	1373.0	1351.1	1326.7	1302.3
10°	1508.1	1492.6	1477.0	1451.3	1425.6	1396.8	1367.9
12.5°	1539.6	1528.3	1517.0	1493.7	1470.6	1439.3	1408.0
15°	1516.4	1516.0	1515.6	1501.0	1486.4	1459.5	1432.5
17.5°	1450.5	1466.8	1483.2	1483.0	1482.7	1464.4	1446.2
20°	1363.6	1399.6	1435.7	1454.9	1474.1	1467.7	1461.3
22.5°	1276.6	1329.7	1382.8	1422.6	1462.3	1470.6	1479.0
25°	1199.5	1263.9	1328.4	1388.8	1449.0	1475.3	1501.5
27.5°	1135.7	1207.1	1278.6	1358.4	1438.4	1485.3	1532.2
30°	1088.1	1162.6	1237.0	1335.4	1433.7	1503.7	1573.6
32.5°	1068.4	1138.4	1208.4	1319.6	1430.9	1526.6	1622.5
35°	1118.3	1166.9	1215.4	1331.4	1447.4	1564.6	1681.8
37.5°	1288.8	1292.0	1295.2	1400.6	1505.9	1643.8	1781.8
40°	1586.6	1531.4	1476.0	1554.4	1632.7	1782.8	1932.7
42.5°	1986.3	1865.7	1745.1	1790.2	1835.4	1984.2	2133.0
45°	2459.6	2266.3	2073.1	2092.9	2112.9	2246.6	2380.3
47.5°	2979.0	2700.2	2421.4	2425.4	2429.5	2559.5	2689.6
50°	3493.7	3134.3	2775.0	2774.4	2773.6	2934.3	3094.9
52.5°	3990.3	3561.1	3131.9	3151.6	3171.2	3365.7	3560.2
55°	4473.3	3995.7	3517.9	3594.6	3671.2	3863.4	4055.6
57.5°	4954.0	4471.7	3989.3	4143.0	4296.9	4401.6	4506.2
60°	5634.7	5178.2	4721.8	4912.7	5103.7	4941.1	4778.5
62.5°	6321.9	5903.7	5485.5	5507.0	5528.5	5084.4	4640.3
65°	6425.0	5893.5	5362.2	5279.7	5197.3	4780.4	4363.5
67.5°	5970.3	5416.6	4862.9	4824.3	4785.6	4389.2	3992.7
70°	5434.5	4939.4	4444.2	4426.9	4409.7	3978.3	3547.1
72.5°	4805.6	4418.2	4030.8	4018.4	4006.0	3511.0	3016.2
75°	4063.7	3762.4	3460.9	3414.9	3369.0	2856.8	2344.6
77.5°	3221.3	2992.2	2763.1	2697.2	2631.4	2153.2	1675.2
80°	2410.5	2237.5	2064.5	1982.7	1900.9	1498.7	1096.3
82.5°	1608.3	1489.2	1370.1	1278.7	1187.4	912.4	637.3
85°	923.4	825.6	727.7	650.1	572.4	426.4	280.4
87.5°	369.5	320.6	271.6	228.3	184.9	135.8	86.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)