

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

Brand: McGRAW-EDISON

Report Number: P630610

Luminaire Tested: GWS-SA1E-722-U-SL3-W-HSS

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P630610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-34)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA1E-722-U-SL3-W-HSS
Description: GALLEON WALL SLIM LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4520.7 lumens
Efficiency: N/A
Efficacy: 77.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

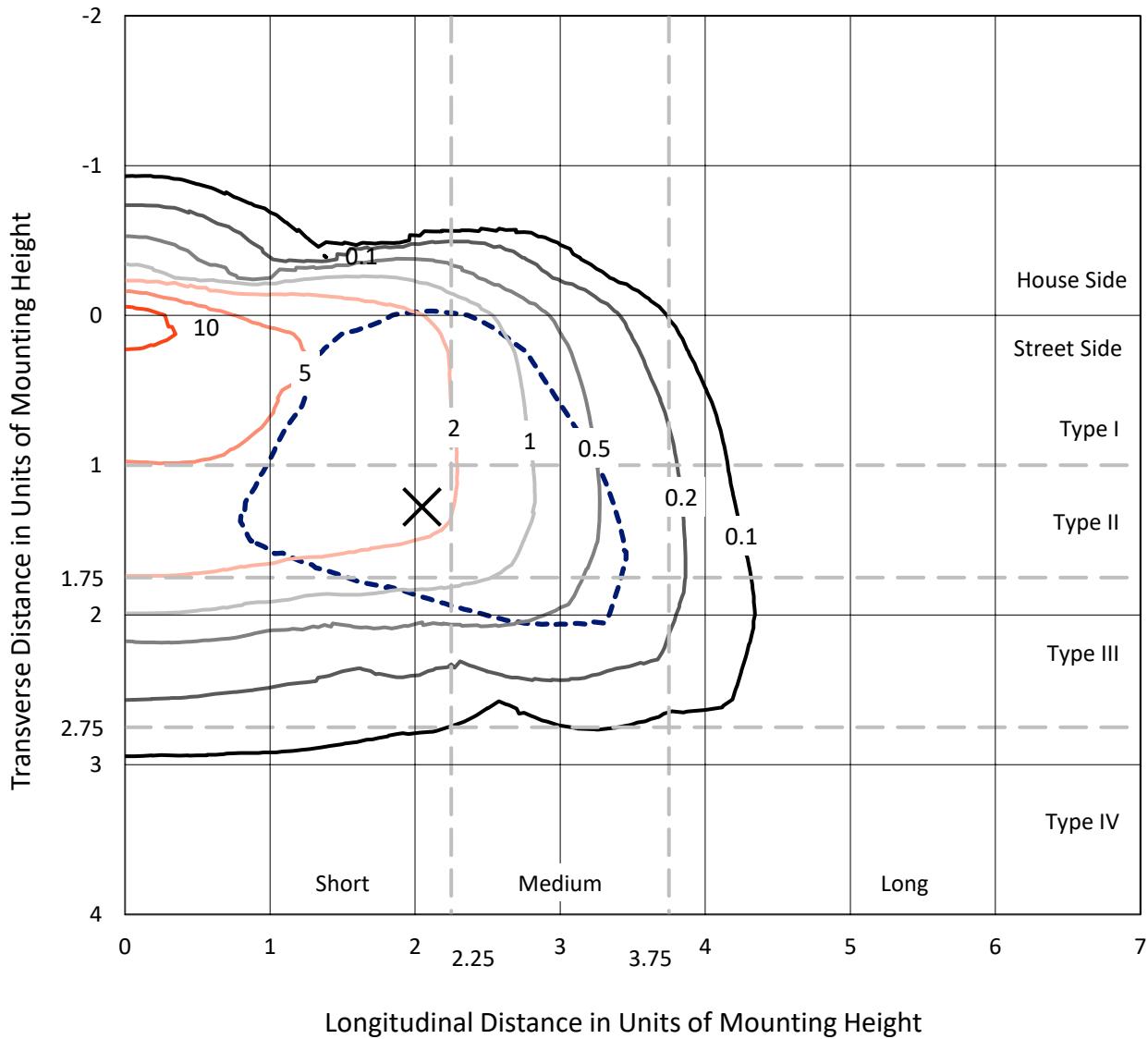
Input Watts (W): 58.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P630610
 CATALOG NUMBER: GWS-SA1E-722-U-SL3-W-HSS

Iso-Footcandle Lines of Horizontal Illumination

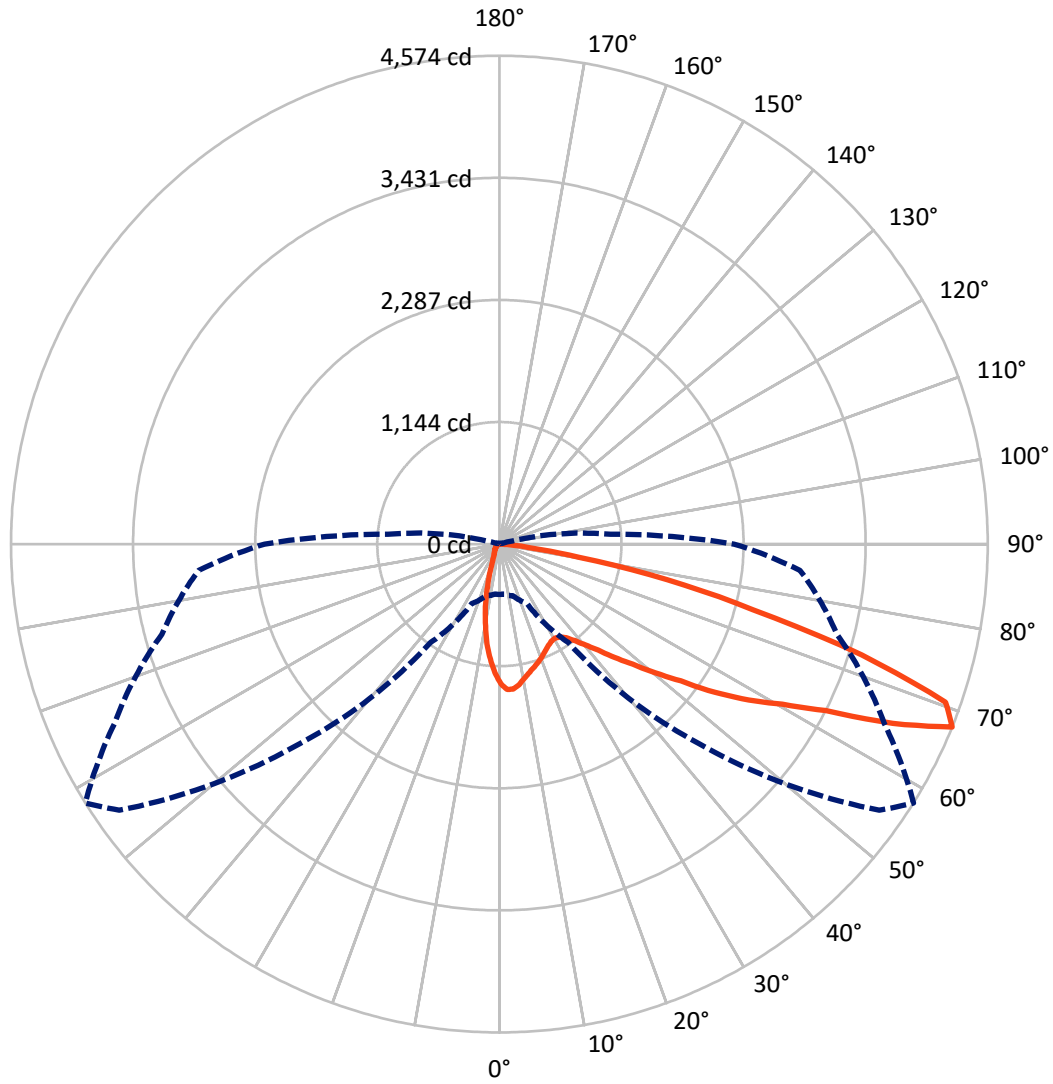
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13 fc
 Type III - Short - N/A

REPORT NUMBER: P630610
CATALOG NUMBER: GWS-SA1E-722-U-SL3-W-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 58-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P630610
 CATALOG NUMBER: GWS-SA1E-722-U-SL3-W-HSS

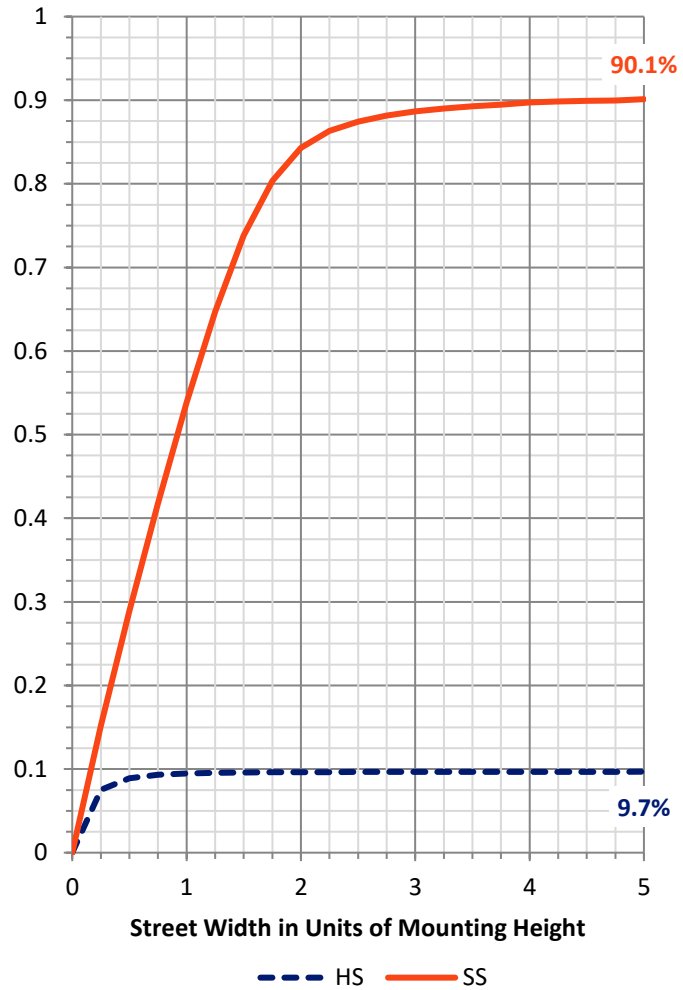
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	441.6	0.0	441.6
	% Fixture	9.8	0.0	9.8
Street Side	Lumens	4079.0	0.0	4079.0
	% Fixture	90.2	0.0	90.2
Total	Lumens	4520.7	0.0	4520.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.0	2.3
10°-20°	220.6	4.9
20°-30°	297.5	6.6
30°-40°	418.0	9.2
40°-50°	645.5	14.3
50°-60°	1032.3	22.8
60°-70°	1222.3	27.0
70°-80°	540.7	12.0
80°-90°	37.8	0.8
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°	4520.7	100.0
0°-180°	4520.7	100.0

Coefficient of Utilization



REPORT NUMBER: P630610

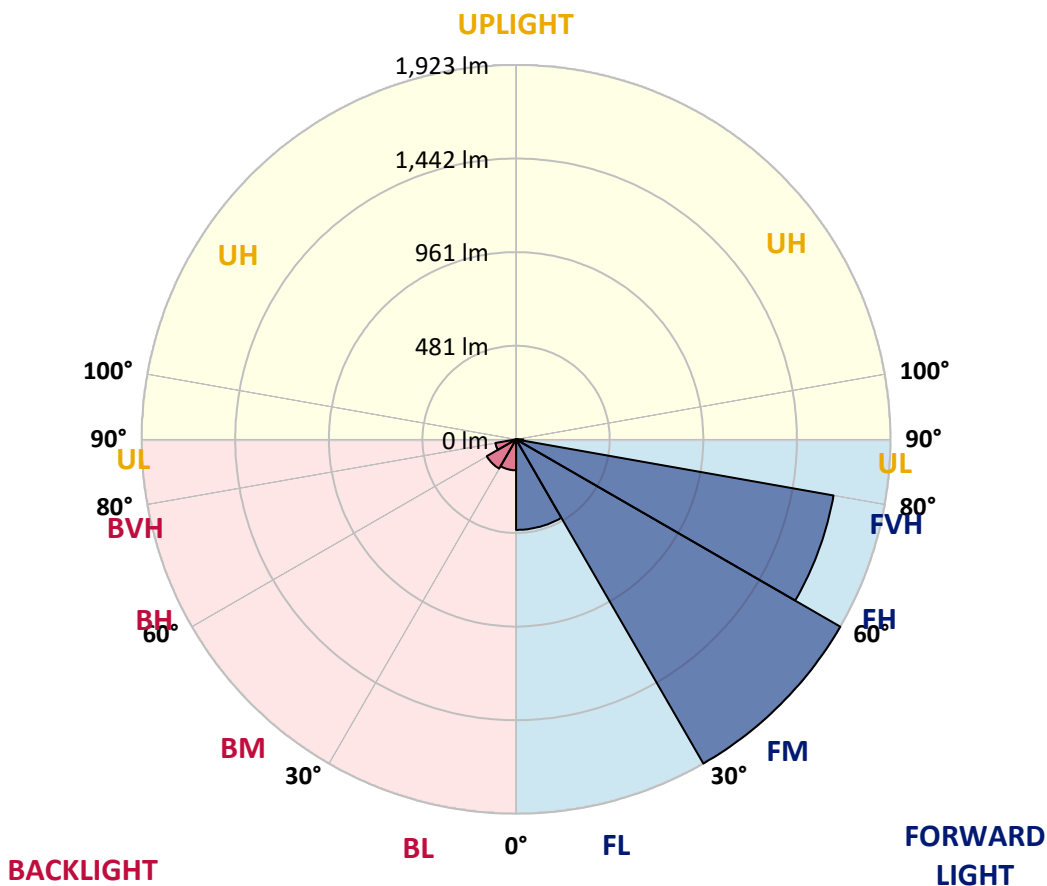
CATALOG NUMBER: GWS-SA1E-722-U-SL3-W-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	465.1	10.3			
FM (30°-60°)	1922.6	42.5			
FH (60°-80°)	1655.2	36.6			G1/1800
FVH (80°-90°)	36.2	0.8			G1/100
BL (0°-30°)	158.9	3.5	B1/500		
BM (30°-60°)	173.3	3.8	B0/220		
BH (60°-80°)	107.8	2.4	B0/110		G0/110
BVH (80°-90°)	1.6	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Short





REPORT NUMBER: P630610

CATALOG NUMBER: GWS-SA1E-722-U-SL3-W-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0
2.5°	1371.6	1374.0	1377.2	1381.2	1380.4	1376.8	1372.4	1362.4	1356.0	1336.0	1311.6
5°	1327.6	1327.2	1335.2	1342.8	1356.4	1363.6	1373.6	1364.4	1361.2	1337.2	1297.6
7.5°	1241.6	1246.0	1255.2	1267.2	1286.8	1308.0	1332.0	1329.2	1338.8	1322.8	1273.6
10°	1157.1	1154.7	1169.1	1187.1	1217.2	1244.4	1279.2	1278.8	1304.0	1302.4	1246.4
12.5°	1083.1	1082.7	1093.9	1114.3	1149.5	1187.5	1234.8	1236.0	1267.2	1280.0	1223.2
15°	1020.7	1021.5	1032.3	1053.5	1089.9	1136.3	1191.1	1201.2	1236.4	1262.4	1200.4
17.5°	976.3	976.7	983.1	1001.5	1037.1	1086.7	1152.7	1166.3	1211.6	1249.2	1181.9
20°	955.9	954.3	955.5	964.7	992.3	1037.5	1113.5	1131.1	1188.7	1240.0	1165.1
22.5°	958.7	956.3	950.7	949.5	961.9	996.3	1071.9	1093.5	1163.9	1234.4	1149.9
25°	983.5	978.3	970.3	958.3	953.5	970.7	1035.5	1057.9	1140.7	1234.8	1138.3
27.5°	1021.5	1015.9	1005.9	989.9	971.1	963.9	1010.7	1031.9	1124.3	1244.0	1132.7
30°	1069.9	1065.5	1055.9	1036.7	1011.5	981.9	1005.5	1023.1	1116.3	1262.8	1135.1
32.5°	1127.1	1123.9	1115.9	1098.3	1069.5	1024.3	1023.1	1036.7	1122.7	1290.0	1144.3
35°	1182.3	1183.5	1183.9	1174.3	1143.5	1088.7	1071.5	1076.3	1149.1	1330.8	1165.1
37.5°	1242.0	1239.2	1253.6	1260.4	1230.8	1172.3	1146.3	1146.7	1199.6	1391.2	1204.4
40°	1287.2	1288.0	1319.2	1347.2	1334.8	1278.4	1241.2	1240.8	1277.2	1474.0	1267.6
42.5°	1329.6	1334.8	1380.8	1428.8	1446.0	1396.0	1369.2	1359.2	1386.0	1586.1	1362.4
45°	1374.8	1382.4	1446.8	1515.2	1560.5	1530.8	1509.6	1513.6	1516.8	1716.5	1490.0
47.5°	1427.6	1432.4	1512.0	1608.5	1692.9	1685.3	1686.5	1681.7	1680.1	1881.0	1658.9
50°	1491.6	1502.8	1594.5	1709.7	1824.9	1875.3	1892.2	1894.2	1868.1	2060.2	1833.7
52.5°	1627.7	1641.3	1719.7	1820.5	1969.0	2075.0	2143.4	2129.8	2089.8	2233.9	2025.4
55°	1788.1	1798.5	1874.1	1978.6	2145.0	2293.9	2456.3	2450.7	2352.7	2416.7	2183.0
57.5°	1803.3	1814.9	1932.2	2092.2	2371.1	2564.4	2735.2	2753.2	2609.6	2546.3	2323.9
60°	1632.5	1656.1	1816.1	2031.4	2457.5	2928.1	3040.9	3044.5	2798.0	2678.0	2495.9
62.5°	1308.4	1319.6	1480.8	1761.7	2324.3	3140.1	3507.8	3431.8	3040.1	2881.6	2768.4
65°	685.8	731.4	871.9	1182.7	1885.0	3066.1	4069.6	4048.8	3475.4	3173.3	2980.5
67.5°	470.5	470.1	503.3	616.6	1123.9	2640.0	4345.3	4574.1	3978.8	3273.4	2826.8
70°	358.1	359.3	388.9	462.5	582.2	1757.3	4042.8	4434.1	4072.4	2972.1	2286.3
72.5°	237.7	240.1	289.3	373.7	464.9	861.5	3141.7	3547.8	3426.6	2387.1	1609.3
75°	142.0	144.0	179.3	271.7	413.3	482.1	1996.2	2452.7	2358.7	1645.3	862.7
77.5°	58.4	60.0	92.0	169.2	302.5	374.5	1103.9	1604.9	1412.8	654.2	235.7
80°	24.4	25.2	44.4	118.4	218.1	234.9	511.3	754.2	579.0	140.8	72.0
82.5°	8.8	9.2	16.4	65.2	135.6	176.9	258.1	298.1	163.2	46.0	38.8
85°	0.4	0.4	4.0	22.0	51.6	50.0	147.6	142.8	54.0	19.2	23.2
87.5°	0.0	0.0	0.4	0.4	0.8	2.0	14.0	24.8	11.6	4.8	10.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P630610

CATALOG NUMBER: GWS-SA1E-722-U-SL3-W-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0	1304.0
2.5°	1295.6	1274.4	1251.2	1229.6	1195.2	1174.7	1149.5	1138.3	1122.3	1118.3	1120.7
5°	1269.2	1232.8	1177.1	1126.7	1061.5	1009.1	956.3	933.9	905.1	885.9	877.9
7.5°	1232.0	1184.3	1097.5	1005.9	916.3	820.6	747.8	699.8	656.2	632.2	627.4
10°	1194.3	1132.3	1007.9	876.7	737.8	623.4	525.0	452.1	392.9	366.1	345.3
12.5°	1155.5	1078.3	916.7	745.4	584.2	428.1	306.5	235.7	193.3	176.5	179.3
15°	1119.9	1026.3	826.2	614.2	411.3	258.5	169.2	142.8	132.8	129.6	129.2
17.5°	1085.9	977.1	736.2	486.5	271.3	158.4	129.6	123.2	120.4	118.8	118.8
20°	1055.1	929.9	648.2	366.5	175.3	125.6	117.2	114.0	111.6	110.4	110.4
22.5°	1026.3	884.3	562.2	259.3	129.2	112.8	107.6	104.4	101.6	100.0	100.0
25°	1000.3	843.0	480.1	178.5	111.2	103.2	97.6	94.0	89.2	86.4	86.4
27.5°	981.5	806.2	401.3	130.0	100.4	92.8	86.4	81.6	76.4	73.2	72.4
30°	970.3	775.0	321.7	106.8	90.4	82.8	75.6	69.6	63.6	60.4	60.0
32.5°	963.9	746.2	248.9	93.2	82.0	73.2	65.2	58.8	52.8	49.2	48.8
35°	966.3	723.8	186.5	84.0	74.0	64.8	56.0	49.6	44.4	41.2	40.4
37.5°	987.1	713.8	140.0	76.8	67.2	57.6	48.4	42.4	37.6	35.2	34.8
40°	1027.5	715.8	110.0	71.2	61.6	50.4	41.6	36.0	32.4	30.4	30.0
42.5°	1090.3	732.6	90.8	66.4	55.6	44.0	36.0	31.6	28.0	26.0	25.6
45°	1183.9	767.4	79.2	60.8	49.2	38.0	31.2	27.2	24.0	21.6	21.2
47.5°	1319.6	827.8	71.6	55.6	43.6	32.8	26.8	22.8	20.0	18.0	17.6
50°	1464.0	900.3	65.2	50.4	38.8	28.4	22.8	18.8	16.4	14.4	14.0
52.5°	1618.1	978.3	60.4	45.6	34.4	24.4	19.2	15.6	13.2	11.2	10.8
55°	1766.1	1056.7	54.8	42.4	29.2	20.8	16.0	12.8	10.4	8.8	8.8
57.5°	1910.2	1128.7	48.8	37.2	24.0	17.6	13.2	10.4	8.4	7.2	6.8
60°	2082.2	1228.4	42.0	31.6	20.0	14.8	10.8	8.4	6.8	5.6	5.6
62.5°	2337.9	1332.0	36.0	26.4	16.8	12.4	8.8	6.8	5.6	4.8	4.4
65°	2421.5	1276.0	30.4	21.6	13.6	10.0	7.2	6.0	4.8	4.4	4.0
67.5°	2198.2	1045.9	25.2	17.6	11.2	8.4	6.4	5.2	4.4	4.0	3.6
70°	1715.3	742.2	19.6	13.2	9.2	6.8	5.6	4.8	4.0	3.6	3.6
72.5°	1166.7	438.9	15.6	10.0	7.6	6.0	4.8	4.4	4.0	3.6	3.2
75°	574.6	156.0	12.0	7.6	6.0	5.2	4.4	4.0	3.6	3.2	3.2
77.5°	154.8	43.2	9.2	6.0	4.8	4.0	4.0	4.0	3.6	2.8	2.8
80°	52.4	18.0	6.8	4.4	4.0	3.2	2.8	3.6	3.2	2.8	2.4
82.5°	28.8	8.8	4.8	3.6	2.8	2.4	2.4	2.4	2.4	2.0	2.0
85°	18.4	4.8	3.2	2.8	2.8	2.0	1.6	1.6	1.2	1.2	1.2
87.5°	8.4	2.8	2.8	2.4	2.4	2.0	1.2	0.8	0.4	0.4	0.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)