

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: P847183

Luminaire Tested: **GLAN-SB3A-930-U-SL4**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3A-930-U-SL4
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL
LIGHT ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9001 lumens
Efficiency: N/A
Efficacy: 106.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

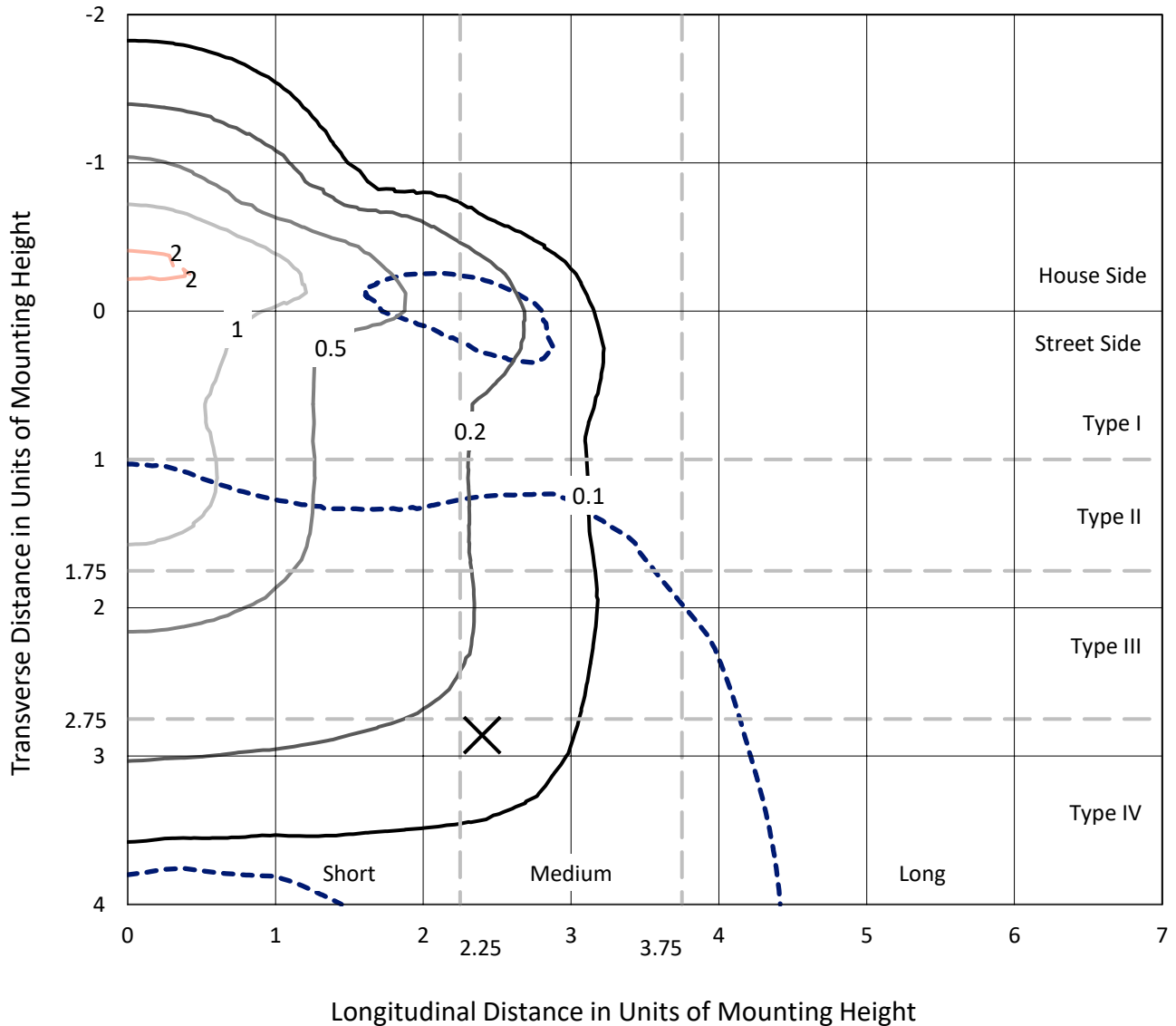
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

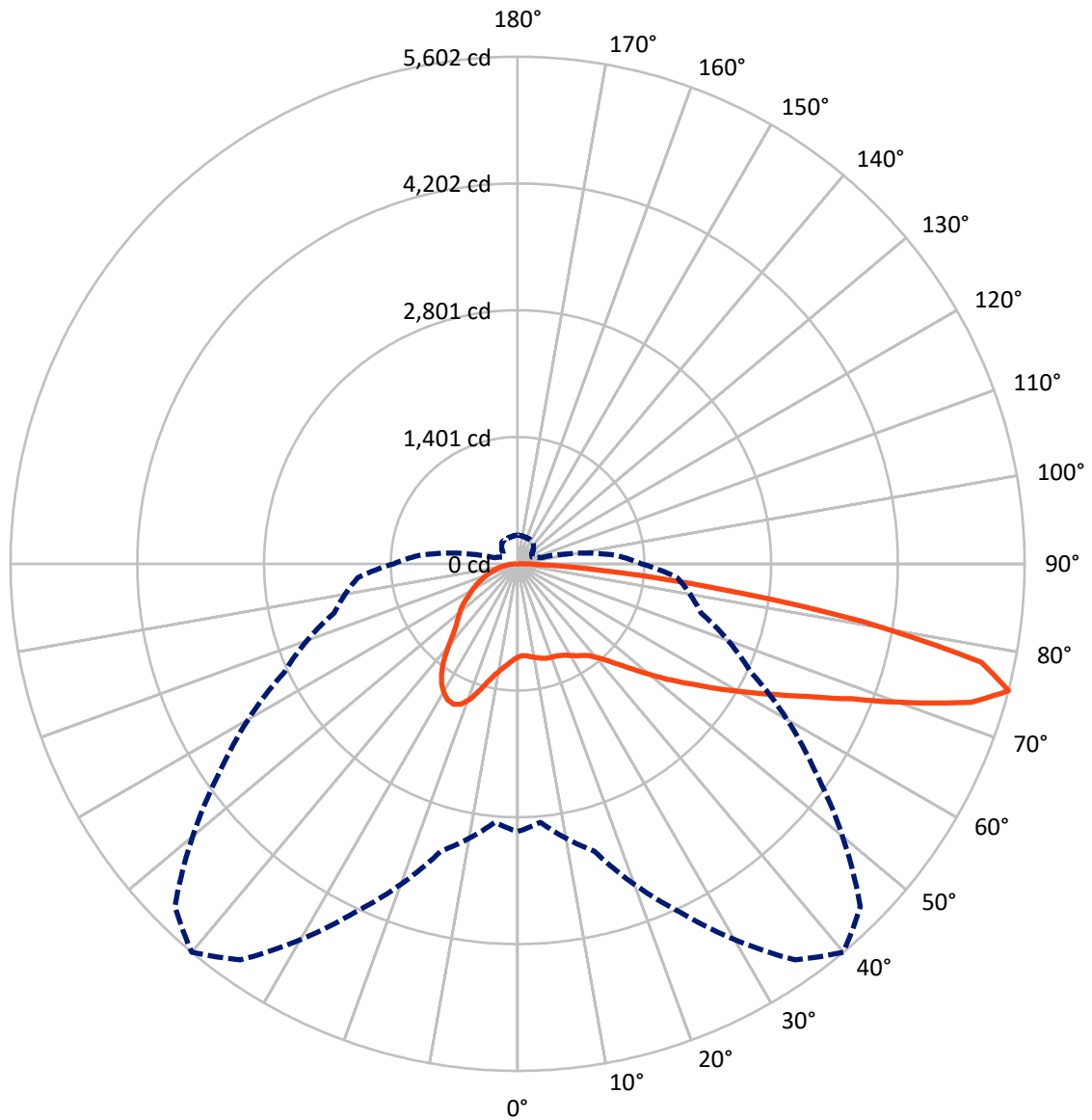
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2788.8	0.0	2788.8
	% Fixture	31.0	0.0	31.0
Street Side	Lumens	6212.2	0.0	6212.2
	% Fixture	69.0	0.0	69.0
Total	Lumens	9001.0	0.0	9001.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.7	1.1
10°-20°	345.0	3.8
20°-30°	629.9	7.0
30°-40°	893.3	9.9
40°-50°	1206.2	13.4
50°-60°	1622.7	18.0
60°-70°	2059.6	22.9
70°-80°	1869.2	20.8
80°-90°	272.5	3.0
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°	9001.0	100.0
0°-180°	9001.0	100.0

Coefficient of Utilization

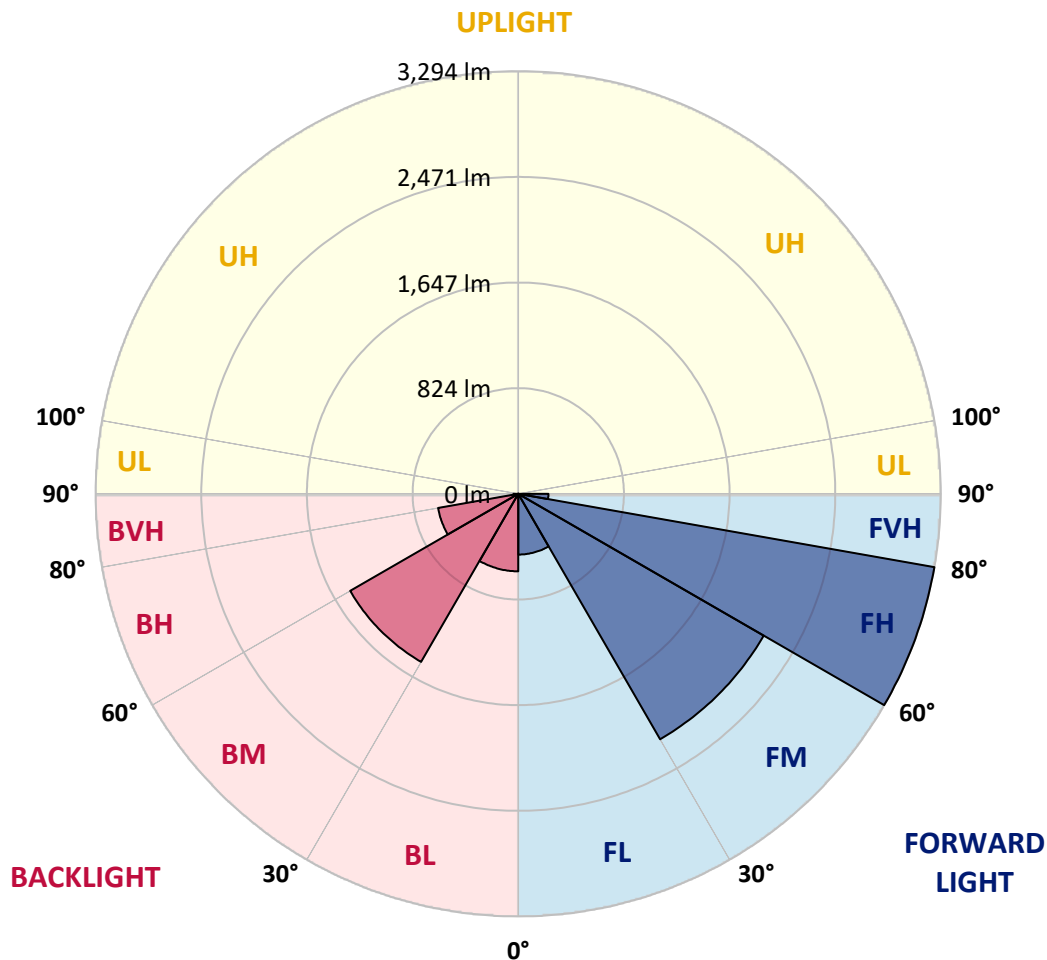


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	473.5	5.3			
FM (30°-60°)	2209.5	24.5			
FH (60°-80°)	3294.2	36.6			G2/5000
FVH (80°-90°)	235.0	2.6			G3/500
BL (0°-30°)	604.1	6.7	B2/1000		
BM (30°-60°)	1512.7	16.8	B2/2500		
BH (60°-80°)	634.5	7.0	B2/1000		G2/1000
BVH (80°-90°)	37.5	0.4			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3
2.5°	1013.5	1019.3	1017.8	1015.9	1015.9	1016.4	1015.9	1019.3	1022.6	1025.9
5°	1024.0	1029.8	1026.9	1024.5	1022.6	1022.1	1020.7	1020.2	1022.1	1026.4
7.5°	1044.6	1050.3	1046.0	1041.7	1037.9	1036.0	1034.1	1031.2	1029.8	1032.1
10°	1067.5	1073.2	1067.9	1060.3	1054.1	1051.7	1049.8	1046.9	1045.0	1046.5
12.5°	1090.4	1096.1	1089.0	1078.4	1070.3	1068.9	1066.5	1065.6	1065.1	1064.6
15°	1111.9	1116.6	1107.6	1095.2	1086.6	1084.2	1081.8	1083.2	1085.6	1088.5
17.5°	1128.6	1133.3	1120.0	1103.8	1095.6	1094.7	1093.2	1098.0	1104.7	1111.9
20°	1143.9	1148.6	1131.4	1109.5	1099.9	1099.9	1100.4	1110.4	1120.0	1130.5
22.5°	1165.3	1169.2	1148.1	1118.1	1104.2	1105.2	1109.0	1119.0	1131.0	1145.3
25°	1197.3	1200.2	1174.4	1134.3	1118.6	1121.4	1124.8	1129.5	1141.0	1157.7
27.5°	1248.9	1251.3	1217.4	1162.9	1139.1	1143.9	1148.6	1145.3	1150.5	1164.9
30°	1321.4	1322.9	1279.9	1207.8	1173.9	1176.3	1177.3	1163.4	1153.4	1164.9
32.5°	1407.4	1406.9	1355.8	1262.2	1213.6	1211.2	1203.1	1175.8	1152.4	1162.5
35°	1540.6	1535.3	1469.4	1338.6	1258.4	1243.6	1224.5	1189.7	1157.2	1160.1
37.5°	1761.1	1744.9	1653.7	1463.7	1325.3	1287.6	1259.4	1212.1	1167.7	1159.1
40°	2009.9	1989.3	1889.1	1635.1	1425.5	1364.9	1319.5	1244.1	1184.9	1163.4
42.5°	2304.9	2275.8	2167.9	1837.0	1552.5	1464.7	1396.4	1284.7	1210.2	1177.3
45°	2667.2	2628.6	2475.8	2064.8	1712.4	1595.5	1504.3	1346.3	1248.9	1204.0
47.5°	3033.4	3043.0	2825.7	2325.4	1904.4	1756.8	1639.4	1438.9	1305.2	1247.0
50°	3422.5	3429.2	3173.8	2614.2	2122.0	1939.2	1791.2	1542.5	1383.5	1308.1
52.5°	3726.1	3727.1	3489.8	2916.4	2348.8	2139.7	1955.0	1660.9	1474.2	1389.2
55°	3916.1	3913.7	3711.3	3202.4	2609.5	2350.2	2136.4	1795.5	1585.0	1484.7
57.5°	4054.1	4046.9	3864.1	3448.3	2887.3	2599.0	2341.7	1948.3	1715.8	1598.3
60°	4106.6	4102.3	3967.7	3660.7	3179.5	2874.0	2578.4	2119.2	1864.3	1732.5
62.5°	4126.7	4134.8	4069.4	3866.5	3492.2	3178.5	2838.6	2323.5	2031.3	1884.3
65°	4197.3	4212.1	4198.7	4135.7	3845.5	3535.2	3183.8	2566.5	2213.7	2047.1
67.5°	4337.2	4352.0	4357.7	4458.0	4277.0	3979.6	3614.4	2869.2	2427.1	2216.1
70°	4333.8	4329.5	4430.8	4714.3	4817.5	4595.0	4194.9	3241.6	2681.6	2356.5
72.5°	3944.8	3910.4	4149.6	4711.5	5267.2	5237.6	4903.9	3721.8	2901.2	2373.6
75°	2959.4	2867.7	3290.2	4246.0	5342.1	5602.3	5354.5	4019.7	2849.1	2097.2
77.5°	1265.6	1173.5	1671.4	3143.2	4781.2	5237.1	4941.1	3507.0	2274.3	1386.8
80°	331.3	330.8	505.1	1425.0	3251.6	3867.4	3392.9	2264.8	1299.5	495.5
82.5°	137.0	133.7	185.7	554.3	1588.8	2170.3	1771.2	1010.2	469.3	134.1
85°	51.1	50.6	90.2	191.4	560.5	895.1	647.8	258.3	117.0	65.4
87.5°	14.3	13.8	19.6	66.4	136.5	207.2	110.8	42.5	32.9	25.8
90°	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):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1029.3	0°	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3	1029.3
1031.2	2.5°	1032.6	1035.0	1039.3	1042.6	1046.9	1051.7	1058.4	1062.7	1067.0	1069.9
1033.6	5°	1036.9	1042.2	1053.1	1064.1	1077.0	1089.0	1102.8	1112.8	1120.9	1123.3
1042.2	7.5°	1046.5	1055.1	1073.7	1092.3	1112.8	1132.4	1152.4	1169.6	1183.5	1188.7
1057.4	10°	1063.2	1074.6	1100.9	1127.1	1154.4	1184.4	1210.2	1235.0	1254.6	1262.7
1075.6	12.5°	1084.2	1098.5	1132.9	1169.2	1206.9	1248.4	1281.8	1312.4	1336.7	1347.7
1100.9	15°	1111.4	1130.0	1173.9	1222.6	1278.0	1335.8	1378.3	1412.2	1439.4	1452.7
1127.1	17.5°	1141.0	1165.8	1221.2	1294.7	1374.0	1449.9	1499.5	1524.3	1552.5	1565.4
1151.5	20°	1169.6	1200.2	1279.4	1386.4	1491.9	1572.6	1612.7	1619.3	1621.3	1622.7
1174.4	22.5°	1199.2	1240.3	1352.5	1501.9	1615.0	1670.9	1676.6	1648.0	1607.9	1589.3
1196.8	25°	1231.7	1286.1	1448.0	1629.4	1721.0	1727.7	1683.8	1614.1	1538.2	1503.3
1215.0	27.5°	1263.2	1339.1	1562.5	1751.1	1797.4	1738.7	1644.2	1545.3	1453.7	1416.9
1227.9	30°	1294.7	1399.7	1689.0	1857.6	1832.3	1711.5	1581.6	1471.3	1379.2	1340.5
1239.3	32.5°	1326.7	1470.4	1834.7	1934.4	1826.1	1653.7	1503.8	1388.3	1307.1	1266.5
1249.4	35°	1363.0	1557.3	1972.6	1976.4	1784.5	1568.7	1401.2	1289.0	1218.3	1185.9
1261.3	37.5°	1410.2	1667.6	2094.4	1986.9	1712.0	1444.1	1273.7	1171.5	1113.3	1098.5
1279.0	40°	1469.0	1800.3	2187.5	1970.2	1604.5	1292.8	1134.3	1052.7	1019.7	1023.1
1302.8	42.5°	1545.3	1948.8	2252.9	1927.3	1455.1	1136.7	1012.1	975.8	991.6	1004.9
1338.6	45°	1644.6	2103.0	2293.4	1854.2	1286.1	1004.5	940.0	948.6	960.5	962.0
1396.4	47.5°	1771.6	2259.1	2320.2	1743.9	1113.8	911.4	894.2	896.1	893.7	883.7
1482.8	50°	1930.1	2410.9	2344.0	1597.9	967.2	853.1	830.2	823.5	790.6	758.1
1597.9	52.5°	2110.6	2550.3	2354.1	1416.4	853.1	804.4	767.2	725.2	663.6	653.6
1742.5	55°	2311.1	2679.2	2328.3	1193.5	757.2	741.9	685.5	634.9	628.3	619.7
1933.0	57.5°	2550.8	2818.1	2275.8	944.8	658.8	668.8	613.9	619.7	607.7	594.4
2177.9	60°	2812.8	2961.8	2183.6	718.0	557.1	577.7	595.3	594.8	591.5	580.5
2436.2	62.5°	3048.7	3056.3	2002.2	550.0	467.9	507.0	555.2	554.7	551.9	545.7
2705.9	65°	3189.0	3042.0	1699.5	433.0	394.3	448.8	500.8	504.6	505.1	504.6
2908.8	67.5°	3164.2	2874.4	1284.2	344.7	333.7	389.6	446.8	452.1	455.9	456.9
2934.6	70°	2883.5	2506.4	837.4	275.0	279.8	337.5	395.8	401.0	404.4	408.2
2546.5	72.5°	2247.6	1842.8	479.3	222.5	232.5	292.6	345.2	351.4	353.3	360.4
1772.1	75°	1369.7	1083.7	258.8	175.2	191.0	250.2	295.0	302.2	305.5	314.1
870.3	77.5°	651.2	469.3	147.5	136.5	153.7	204.3	249.2	257.3	248.2	253.0
240.1	80°	220.1	174.3	93.1	104.1	117.4	159.5	199.6	207.7	188.6	187.6
79.7	82.5°	76.9	70.7	59.2	69.2	75.9	114.1	150.9	161.4	140.4	139.9
35.8	85°	30.1	28.6	32.9	37.7	45.4	70.2	99.3	104.6	86.4	69.7
10.5	87.5°	6.2	6.7	8.1	8.6	13.8	24.3	35.8	43.9	34.9	29.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END O

180°
1029.3
1067.9
1124.3
1189.2
1263.2
1347.7
1451.8
1564.9
1626.5
1594.5
1508.6
1421.2
1344.8
1271.8
1193.0
1109.0
1034.5
1017.3
971.5
891.3
762.4
656.9
621.1
592.0
576.7
543.3
504.6
457.8
410.1
363.3
315.1
249.2
185.7
133.2
68.7
27.2
0.0

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