

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: P852381

Luminaire Tested: **GLAN-SB3B-930-U-T4FT**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852381
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-930-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11266 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

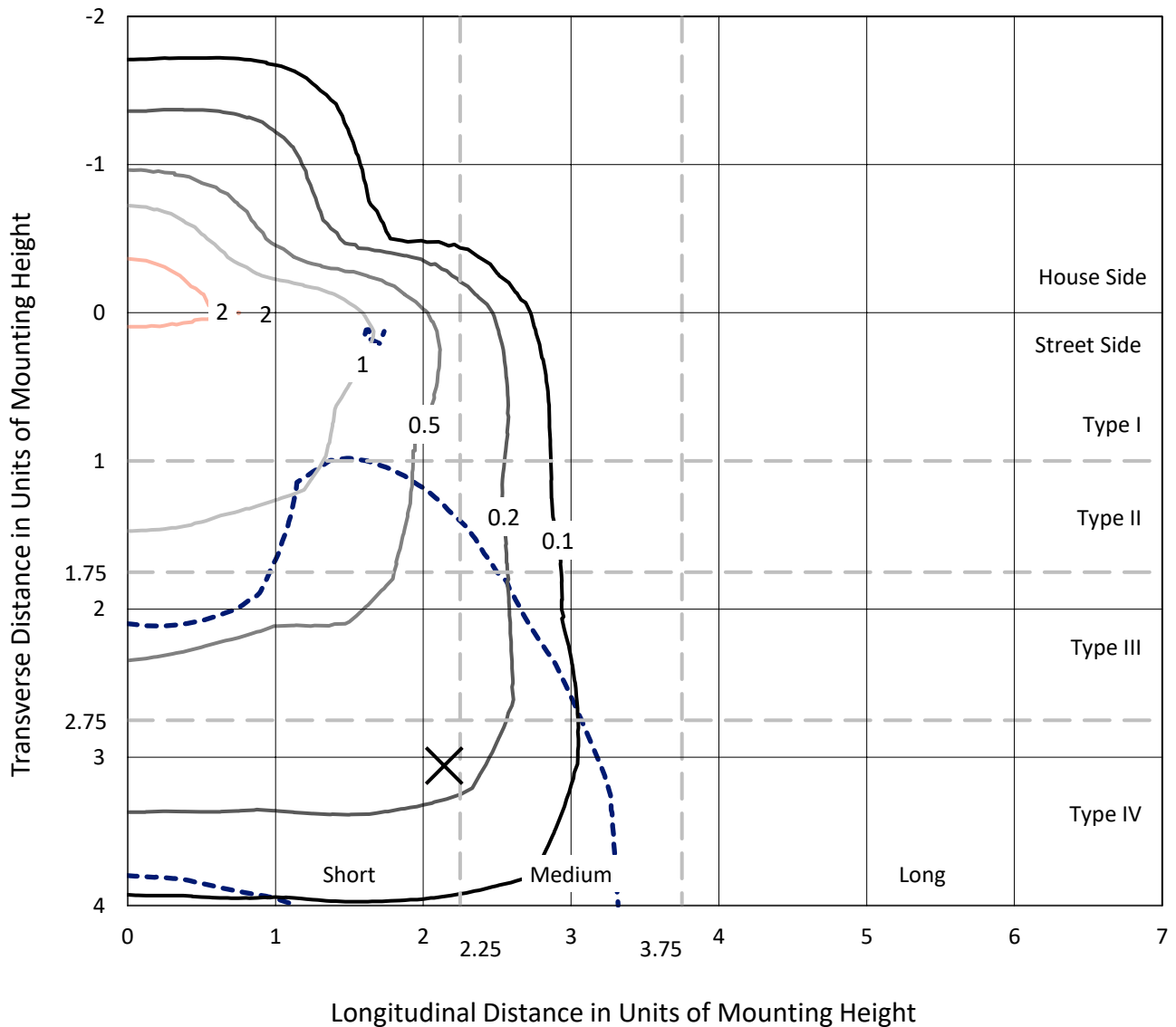
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

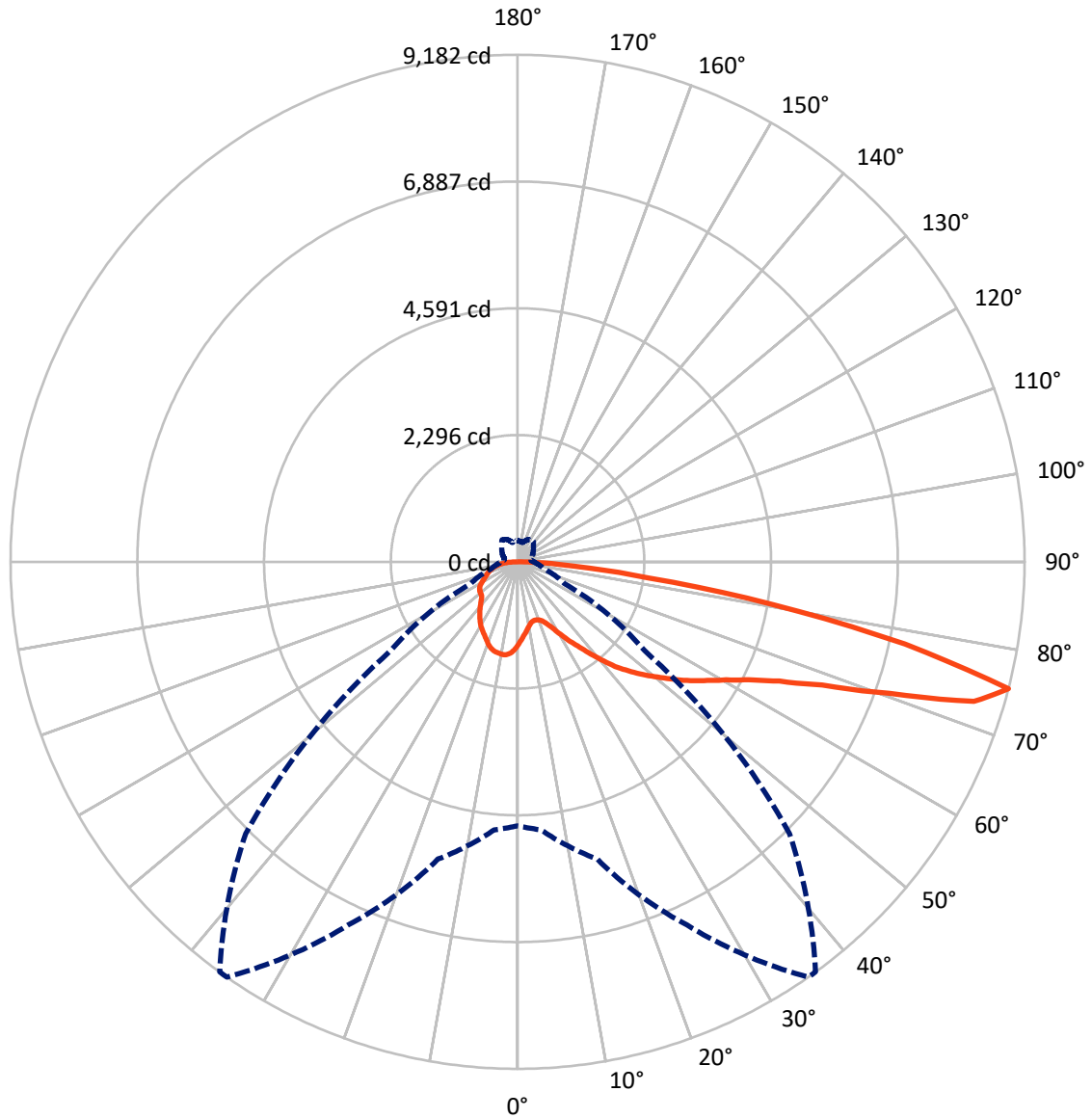
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2681.0	0.0	2681.0
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	8585.0	0.0	8585.0
	% Fixture	76.2	0.0	76.2
Total	Lumens	11266.0	0.0	11266.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.1	1.3
10°-20°	410.0	3.6
20°-30°	688.5	6.1
30°-40°	1070.0	9.5
40°-50°	1588.2	14.1
50°-60°	2192.6	19.5
60°-70°	2660.1	23.6
70°-80°	2198.4	19.5
80°-90°	316.2	2.8
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°	11266.0	100.0
0°-180°	11266.0	100.0

Coefficient of Utilization



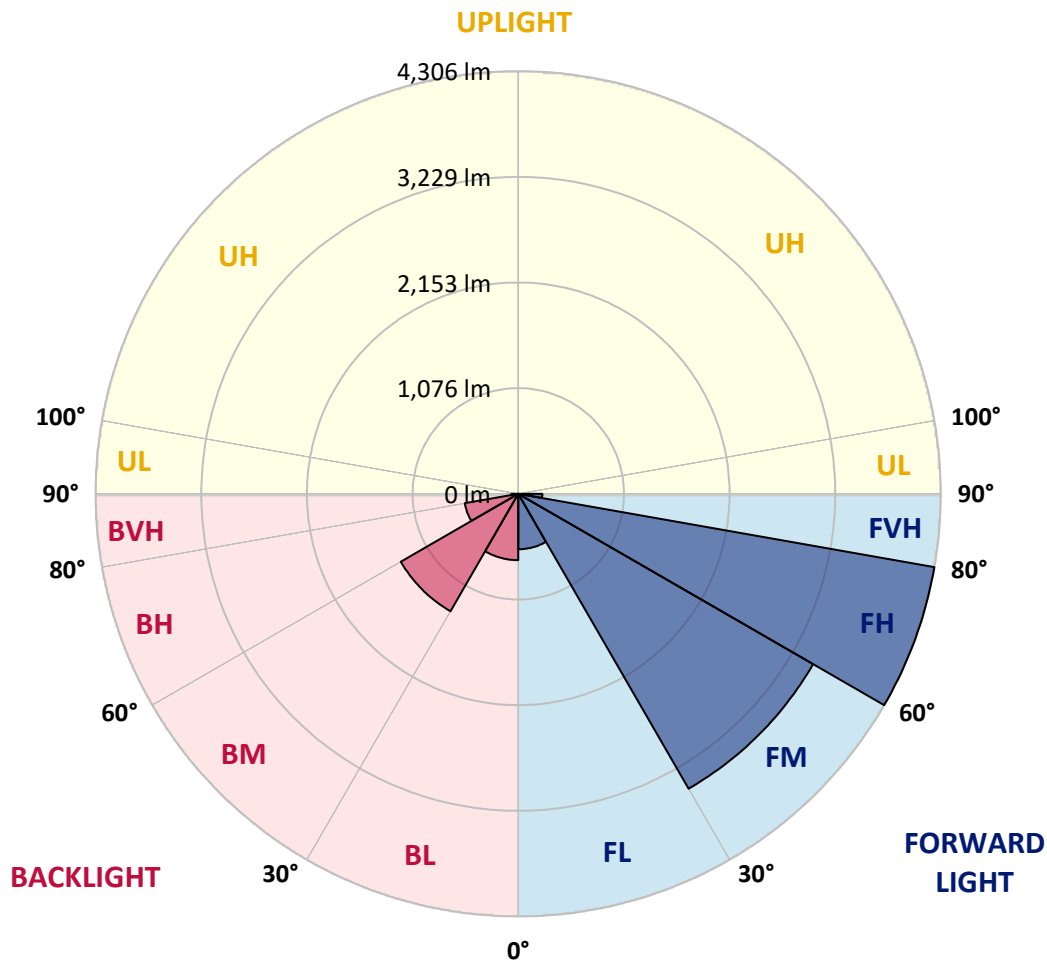
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	565.0	5.0			
FM (30°-60°)	3469.3	30.8			
FH (60°-80°)	4305.7	38.2			G2/5000
FVH (80°-90°)	245.0	2.2			G3/500
BL (0°-30°)	675.7	6.0	B2/1000		
BM (30°-60°)	1381.4	12.3	B2/2500		
BH (60°-80°)	552.7	4.9	B2/1000		G2/1000
BVH (80°-90°)	71.2	0.6			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°	15°	25°	35°	36°	45°	55°	65°	75°
0°	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3
2.5°	1384.3	1392.9	1396.5	1394.7	1403.8	1402.6	1415.4	1431.2	1453.2	1474.5
5°	1277.8	1286.9	1294.8	1302.1	1319.8	1325.3	1345.4	1375.8	1416.0	1456.8
7.5°	1178.5	1186.4	1198.6	1212.0	1241.8	1247.3	1280.8	1328.3	1384.3	1444.0
10°	1097.5	1105.4	1118.2	1133.4	1170.6	1177.3	1219.9	1283.2	1356.3	1431.8
12.5°	1062.8	1065.2	1072.5	1087.7	1120.0	1124.3	1171.2	1243.6	1328.9	1422.7
15°	1060.9	1065.8	1066.4	1074.3	1101.1	1103.0	1146.2	1218.1	1311.9	1420.9
17.5°	1079.2	1082.9	1077.4	1082.3	1104.8	1107.8	1141.9	1205.9	1306.4	1428.8
20°	1127.9	1131.0	1114.5	1107.8	1124.3	1126.7	1160.2	1213.8	1311.9	1445.2
22.5°	1231.5	1233.3	1193.1	1165.7	1166.9	1168.1	1197.4	1246.1	1333.2	1475.1
25°	1392.9	1391.6	1327.7	1274.7	1244.3	1237.6	1257.0	1298.5	1369.1	1514.7
27.5°	1581.7	1572.5	1508.6	1429.4	1363.0	1353.3	1349.0	1366.7	1420.3	1567.0
30°	1794.8	1786.3	1717.5	1613.9	1522.0	1506.1	1465.9	1456.8	1496.4	1638.3
32.5°	2028.7	2023.2	1941.0	1815.5	1692.5	1674.2	1606.6	1582.3	1613.3	1746.1
35°	2224.8	2219.9	2151.7	2022.6	1872.2	1849.6	1780.8	1753.4	1769.2	1884.4
37.5°	2402.0	2399.6	2341.1	2239.4	2084.1	2056.7	1979.4	1970.2	1967.2	2066.5
40°	2566.5	2560.4	2499.5	2445.9	2330.8	2305.8	2237.6	2229.7	2206.5	2290.6
42.5°	2748.6	2732.7	2644.4	2619.5	2588.4	2567.7	2526.9	2528.1	2476.9	2543.3
45°	2897.2	2888.0	2797.3	2782.7	2816.2	2807.7	2843.0	2852.1	2752.8	2808.3
47.5°	3056.7	3048.2	2971.5	2961.1	3051.9	3054.3	3179.2	3182.2	3022.0	3083.5
50°	3253.5	3241.3	3165.2	3177.9	3279.7	3288.8	3517.2	3496.5	3269.9	3363.1
52.5°	3383.2	3390.5	3374.1	3394.8	3533.6	3542.1	3849.7	3796.7	3515.3	3639.0
55°	3478.8	3493.4	3544.6	3592.1	3801.6	3810.1	4163.4	4082.4	3718.8	3894.8
57.5°	3601.8	3581.1	3676.7	3769.3	4056.2	4078.7	4468.5	4357.6	3899.0	4115.2
60°	3778.5	3763.8	3838.1	3975.2	4341.2	4377.1	4791.3	4605.5	4031.2	4290.0
62.5°	4136.6	4100.0	4111.6	4232.8	4700.5	4748.0	5155.5	4821.7	4097.0	4358.3
65°	4671.9	4609.2	4550.7	4634.8	5206.6	5253.5	5566.6	4991.6	4072.6	4226.1
67.5°	5346.1	5284.0	5212.1	5291.3	5952.1	5989.2	6073.9	5087.3	3880.8	3716.9
70°	5902.2	5879.0	5964.9	6290.7	7142.8	7144.0	6724.4	5008.1	3355.2	2635.3
72.5°	5828.5	5814.5	6267.0	7274.3	8643.4	8611.1	7340.1	4408.8	2260.1	1188.8
75°	4781.5	4872.3	5573.3	7256.6	9182.4	9178.2	6963.1	2802.8	934.9	492.7
77.5°	2564.0	2707.8	3618.3	5357.7	7168.3	7276.1	4895.4	980.5	401.4	315.5
80°	836.2	961.7	1442.2	2727.9	4657.9	4637.8	2098.1	384.9	274.7	223.5
82.5°	355.1	369.7	644.4	1288.1	2390.5	2353.3	668.1	221.1	193.1	152.9
85°	138.9	155.3	284.4	595.6	1035.4	1012.8	241.2	109.6	123.6	99.9
87.5°	45.7	55.4	101.7	204.0	322.2	310.6	59.1	37.8	53.6	45.7
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°
1501.3	0°	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3	1501.3
1505.5	2.5°	1514.1	1523.8	1535.4	1552.4	1567.0	1579.2	1592.0	1599.9	1603.0	1612.1
1508.0	5°	1525.0	1546.3	1575.0	1603.0	1630.4	1646.8	1661.4	1668.8	1675.5	1680.3
1514.7	7.5°	1543.3	1570.7	1615.8	1652.3	1675.5	1688.9	1698.6	1696.2	1698.6	1699.8
1522.0	10°	1559.1	1597.5	1651.1	1685.8	1703.5	1704.1	1701.6	1693.1	1688.9	1689.5
1532.9	12.5°	1578.0	1620.6	1678.5	1707.7	1712.6	1699.2	1688.9	1674.2	1668.8	1666.3
1549.4	15°	1603.6	1652.3	1708.3	1719.3	1707.1	1690.1	1672.4	1648.7	1636.5	1626.7
1577.4	17.5°	1634.6	1688.2	1731.5	1723.6	1697.4	1669.4	1640.7	1604.8	1579.8	1569.5
1615.8	20°	1677.9	1726.0	1749.1	1714.4	1674.8	1632.2	1583.5	1539.6	1516.5	1506.1
1664.5	22.5°	1730.3	1776.6	1766.2	1698.6	1642.6	1574.4	1513.5	1481.2	1469.6	1462.3
1727.2	25°	1793.0	1832.6	1778.4	1675.5	1589.6	1497.6	1450.7	1440.4	1434.9	1429.4
1804.0	27.5°	1874.6	1895.9	1787.5	1641.3	1506.8	1416.0	1399.0	1400.8	1399.0	1389.8
1910.5	30°	1982.4	1978.1	1796.0	1585.9	1411.7	1342.3	1343.5	1351.4	1352.7	1346.6
2059.1	32.5°	2124.3	2081.1	1800.3	1514.1	1321.0	1277.8	1279.0	1287.5	1293.6	1283.2
2253.4	35°	2296.1	2201.1	1793.6	1423.9	1251.0	1216.2	1207.1	1209.5	1211.4	1201.6
2489.1	37.5°	2496.4	2335.6	1763.8	1324.0	1193.1	1155.9	1136.5	1120.0	1110.3	1101.1
2755.9	40°	2716.3	2482.4	1709.0	1226.6	1128.5	1092.0	1062.8	1031.7	998.8	986.6
3038.5	42.5°	2946.5	2633.5	1642.6	1133.4	1054.2	1024.4	993.3	948.3	898.9	874.0
3332.0	45°	3185.3	2788.2	1577.4	1041.4	978.1	965.3	929.4	875.2	821.6	789.9
3626.2	47.5°	3419.1	2934.3	1481.8	948.9	906.9	920.9	892.8	842.9	783.2	733.3
3917.9	50°	3642.6	3071.4	1325.3	855.1	849.0	907.5	880.7	808.8	740.6	676.6
4204.2	52.5°	3864.3	3182.2	1124.9	769.8	817.9	903.8	864.8	785.7	702.2	635.2
4473.4	55°	4052.5	3239.5	931.8	696.7	772.9	872.7	845.9	758.2	648.0	576.8
4657.9	57.5°	4159.7	3193.2	771.0	624.9	710.7	821.6	813.7	699.8	583.5	528.6
4693.8	60°	4113.4	3005.6	639.5	562.1	651.7	766.2	757.6	641.9	534.1	482.4
4501.4	62.5°	3858.2	2648.1	535.3	507.3	598.1	709.5	701.6	597.5	496.4	446.4
3990.4	65°	3344.2	2154.2	454.3	461.6	543.9	641.3	652.9	560.3	466.5	417.8
3087.2	67.5°	2550.6	1560.3	391.0	422.1	490.9	574.3	607.8	533.5	441.6	395.3
1786.3	70°	1453.8	886.1	337.4	383.7	444.0	512.2	573.1	512.2	414.8	376.4
669.3	72.5°	551.2	406.8	291.7	345.3	398.9	459.8	534.7	478.7	383.7	355.1
345.9	75°	294.2	247.9	245.4	300.3	347.1	408.7	486.6	445.8	360.5	375.2
239.4	77.5°	200.4	175.4	205.2	257.0	290.5	352.0	435.5	395.9	312.4	311.2
165.7	80°	138.9	124.2	166.9	207.1	224.7	296.0	380.0	339.8	254.6	237.5
102.3	82.5°	83.4	81.0	124.9	154.7	159.0	228.4	314.9	285.0	208.3	181.5
60.9	85°	45.7	48.1	79.8	90.7	92.6	159.6	246.7	220.5	160.2	134.6
21.9	87.5°	12.8	16.4	29.2	35.9	44.5	82.8	146.8	130.9	80.4	56.0
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°
1501.3
1611.5
1681.5
1701.6
1690.7
1665.1
1629.8
1570.1
1504.9
1463.5
1429.4
1391.6
1349.6
1288.1
1208.3
1107.2
992.1
877.0
787.5
727.8
671.2
627.9
570.7
521.3
475.0
438.5
409.9
388.0
371.5
350.2
387.3
286.9
227.2
182.7
135.8
56.0
0.0

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