

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: P946276

Luminaire Tested: **GLAN-SB2A-722-U-T3R**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946276
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2A-722-U-T3R
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
ROADWAY OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7608 lumens
Efficiency: N/A
Efficacy: 132.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

Input Watts (W): 57.3
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

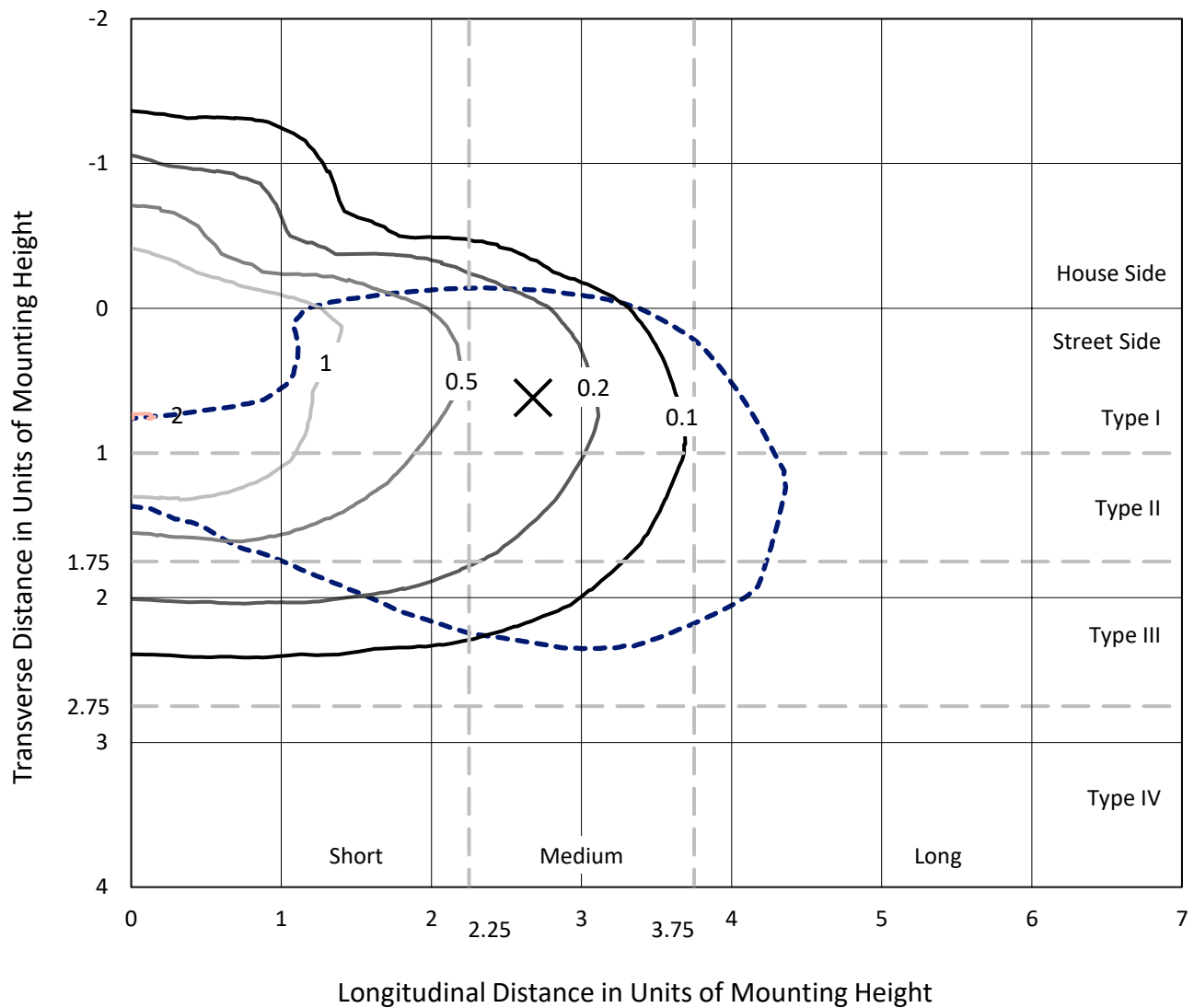


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

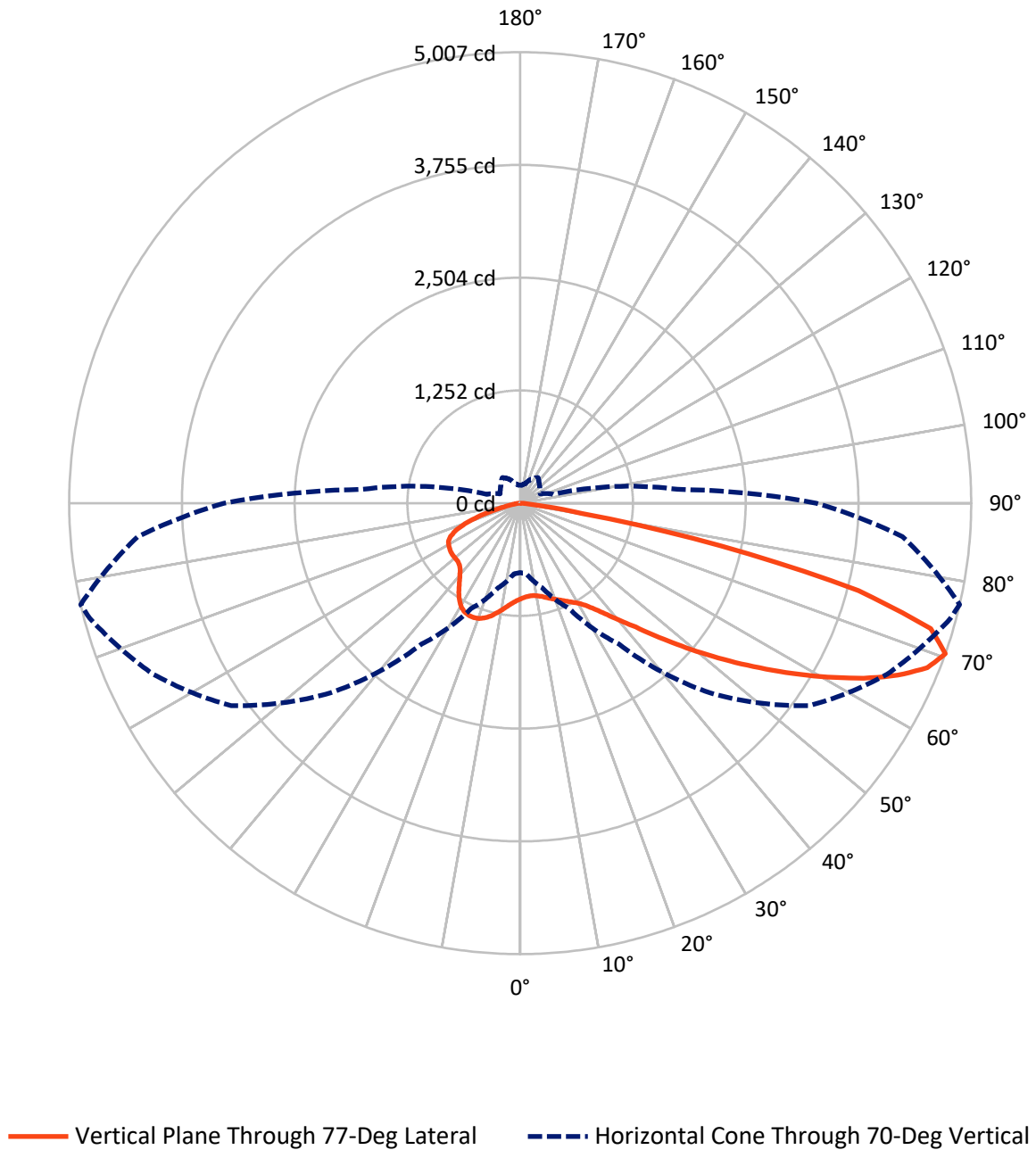


Based on 25 foot mounting height. Maximum calculated value = 2 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1666.0	0.0	1666.0
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	5942.0	0.0	5942.0
	% Fixture	78.1	0.0	78.1
Total	Lumens	7608.0	0.0	7608.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.2	1.3
10°-20°	292.2	3.8
20°-30°	499.6	6.6
30°-40°	803.4	10.6
40°-50°	1254.4	16.5
50°-60°	1675.6	22.0
60°-70°	1785.9	23.5
70°-80°	1099.4	14.5
80°-90°	96.3	1.3
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°	7608.0	100.0
0°-180°	7608.0	100.0

Coefficient of Utilization



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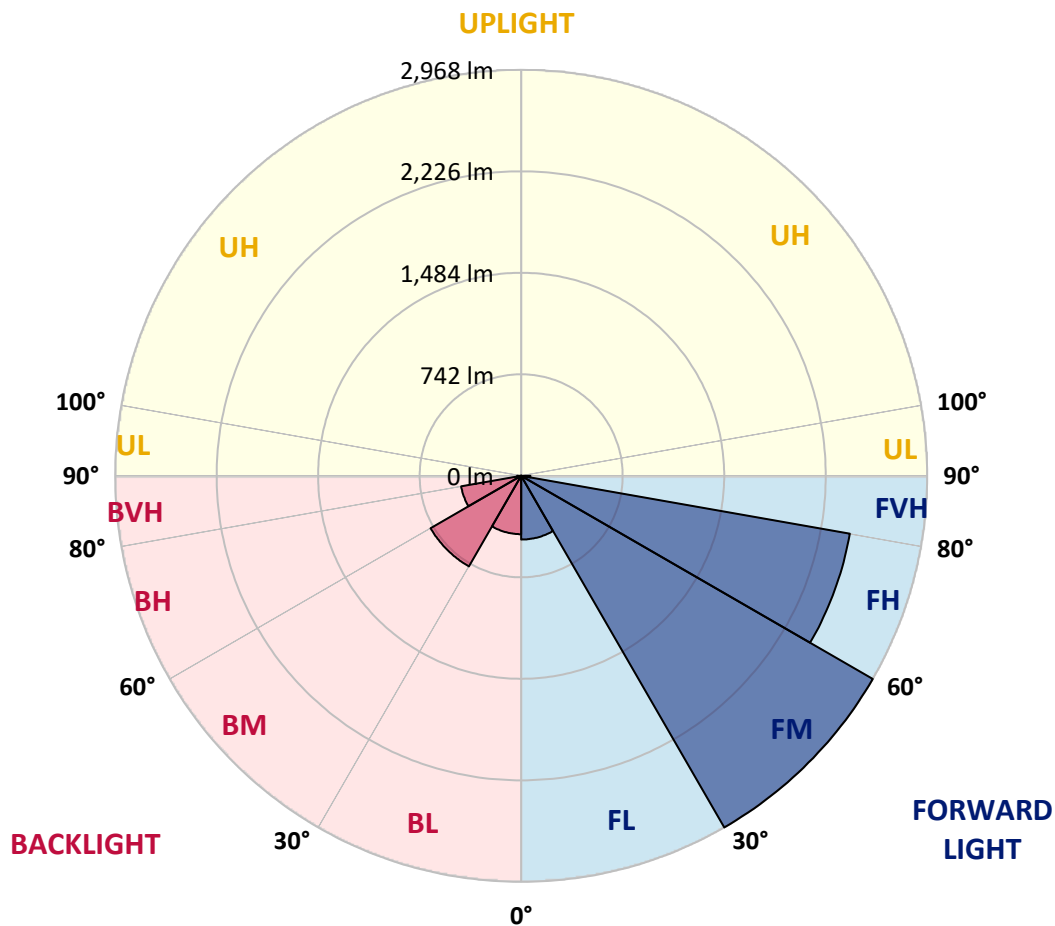
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	466.1	6.1			
FM	(30°-60°)	2968.5	39.0			
FH	(60°-80°)	2440.0	32.1			G2/5000
FVH	(80°-90°)	67.4	0.9			G1/100
BL	(0°-30°)	426.9	5.6	B1/500		
BM	(30°-60°)	764.9	10.1	B1/1000		
BH	(60°-80°)	445.3	5.9	B1/500		G1/500
BVH	(80°-90°)	29.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°
0°	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4
2.5°	978.4	978.0	983.1	984.6	994.0	1000.6	1013.1	1026.3	1043.5	1045.4
5°	921.9	921.9	927.7	934.0	946.1	959.3	978.4	1001.4	1031.0	1035.7
7.5°	874.0	877.1	882.1	894.2	908.3	927.3	956.6	989.3	1028.3	1035.7
10°	835.4	838.9	845.1	854.9	875.9	902.4	940.6	982.7	1034.9	1046.6
12.5°	823.3	826.8	830.3	837.7	857.2	888.4	934.0	985.8	1050.9	1062.6
15°	851.4	855.7	852.9	851.0	861.1	889.6	937.1	997.1	1070.7	1087.5
17.5°	916.0	917.6	911.4	893.1	891.5	906.7	951.9	1012.7	1095.7	1114.0
20°	1020.5	1017.7	1004.9	968.7	948.0	944.9	977.2	1036.1	1121.4	1140.9
22.5°	1162.3	1159.2	1133.5	1076.2	1030.2	999.8	1013.8	1066.5	1150.2	1172.0
25°	1339.2	1334.9	1297.1	1219.2	1147.9	1072.7	1063.7	1106.6	1185.7	1205.9
27.5°	1545.7	1542.2	1501.3	1398.4	1295.6	1172.4	1125.7	1153.7	1222.7	1245.7
30°	1767.8	1777.9	1705.5	1594.8	1464.7	1302.6	1209.1	1211.8	1270.6	1291.3
32.5°	2028.9	2046.4	1959.1	1818.8	1641.2	1444.0	1314.3	1292.8	1340.4	1357.5
35°	2287.6	2307.5	2235.0	2079.9	1875.3	1610.8	1424.1	1386.0	1433.1	1451.8
37.5°	2511.2	2537.7	2500.3	2365.5	2125.9	1811.8	1567.5	1495.4	1547.3	1570.6
40°	2687.8	2728.3	2725.5	2641.4	2421.2	2055.8	1749.5	1630.7	1689.1	1714.4
42.5°	2831.1	2866.2	2896.6	2892.3	2729.4	2332.8	1963.4	1806.4	1850.8	1880.0
45°	2930.1	2967.5	3033.0	3103.5	3026.0	2629.3	2208.5	2014.8	2055.4	2099.4
47.5°	3018.6	3061.0	3146.0	3257.8	3277.7	2927.0	2477.0	2257.6	2294.6	2340.2
50°	3026.4	3063.0	3194.7	3353.3	3456.5	3213.0	2765.3	2529.9	2564.6	2613.3
52.5°	2838.2	2895.8	3125.7	3350.5	3538.7	3452.2	3051.7	2813.2	2852.2	2910.6
55°	2203.0	2287.6	2923.5	3246.1	3509.5	3606.9	3324.0	3114.4	3164.3	3225.5
57.5°	1897.6	1934.6	2320.7	3056.0	3376.2	3647.1	3553.9	3418.7	3499.0	3566.0
60°	1705.5	1736.2	1964.6	2760.2	3200.9	3583.5	3731.6	3702.4	3841.1	3921.0
62.5°	1499.7	1529.0	1736.6	2304.7	2976.5	3477.9	3843.8	3964.2	4191.8	4279.1
65°	1295.6	1320.5	1519.6	1936.5	2691.3	3372.4	3901.9	4190.6	4516.3	4606.7
67.5°	1068.0	1088.7	1276.9	1633.8	2344.5	3227.8	3930.7	4368.7	4798.8	4876.4
70°	770.7	786.7	981.1	1292.1	1909.2	2979.2	3919.0	4494.9	4945.3	5007.3
72.5°	364.3	378.7	607.1	838.9	1348.6	2495.3	3682.5	4394.8	4796.5	4765.7
75°	194.4	206.9	348.7	460.2	712.3	1710.5	3013.5	3785.8	4027.7	3878.1
77.5°	131.7	141.4	215.9	276.3	325.4	812.0	1936.9	2621.1	2521.8	2274.7
80°	104.4	114.6	176.9	187.0	157.4	293.4	800.3	1213.3	871.6	697.1
82.5°	80.3	91.6	148.8	135.6	85.7	120.4	233.0	383.8	223.3	169.9
85°	49.1	61.2	116.9	86.5	48.3	54.9	79.1	106.8	68.2	56.9
87.5°	24.9	35.1	59.2	31.6	21.8	12.9	21.0	21.0	17.9	15.6
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°
1061.4	0°	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4	1061.4
1055.9	2.5°	1065.3	1073.1	1086.3	1098.8	1108.5	1117.9	1127.2	1132.3	1133.9	1140.1
1061.8	5°	1077.8	1092.2	1117.9	1142.0	1157.2	1166.6	1173.2	1177.1	1177.9	1179.8
1077.8	7.5°	1100.7	1123.7	1159.6	1183.7	1195.0	1194.3	1191.5	1181.8	1177.9	1174.4
1101.1	10°	1133.1	1163.5	1207.5	1224.3	1217.2	1198.5	1174.4	1145.9	1132.7	1119.8
1133.1	12.5°	1173.2	1211.8	1255.0	1254.3	1219.6	1171.7	1115.5	1071.9	1044.2	1024.4
1172.4	15°	1221.9	1266.3	1299.5	1273.0	1197.0	1110.9	1028.7	971.8	946.8	925.0
1212.2	17.5°	1272.2	1319.7	1334.9	1267.1	1140.1	1020.9	927.7	882.9	858.4	846.7
1255.0	20°	1321.3	1368.4	1356.0	1233.6	1053.6	918.8	835.8	811.2	806.2	808.9
1296.7	22.5°	1373.1	1415.2	1360.2	1168.9	943.3	814.4	768.8	769.5	780.8	789.0
1340.4	25°	1426.1	1454.5	1348.9	1075.4	824.9	737.6	726.3	738.8	761.0	776.9
1389.5	27.5°	1477.1	1489.6	1324.4	959.7	723.2	682.7	684.6	710.3	743.8	766.0
1449.1	30°	1534.8	1520.8	1277.2	829.5	652.7	635.5	651.9	681.9	715.4	735.3
1524.3	32.5°	1599.9	1547.7	1202.4	709.1	602.8	597.7	624.6	644.1	658.9	664.7
1624.0	35°	1680.9	1585.5	1106.6	624.6	558.0	570.0	595.8	586.0	580.2	577.1
1758.1	37.5°	1786.1	1636.5	994.4	569.7	521.7	550.2	560.7	530.3	507.3	496.0
1920.5	40°	1912.8	1711.3	886.4	527.2	498.7	533.0	514.7	478.1	448.9	432.9
2103.3	42.5°	2053.4	1789.6	795.6	495.2	485.9	519.0	480.8	437.2	390.0	385.0
2321.1	45°	2201.1	1870.3	733.7	470.7	479.6	506.9	461.3	390.8	357.3	378.0
2539.7	47.5°	2348.8	1944.3	696.3	452.4	476.5	493.3	444.2	365.1	341.3	371.3
2773.9	50°	2513.2	2010.6	679.5	439.1	473.0	487.8	418.5	358.5	324.6	344.4
3016.2	52.5°	2676.5	2062.0	667.1	425.9	468.0	483.5	406.0	350.7	304.3	305.5
3260.1	55°	2839.3	2095.5	653.4	408.3	456.7	474.2	404.8	342.1	289.1	283.7
3518.1	57.5°	3013.1	2114.6	636.7	388.9	437.2	450.4	403.7	335.5	284.4	275.5
3781.9	60°	3190.0	2142.6	614.9	365.1	411.1	422.0	400.9	333.1	281.7	266.5
4030.5	62.5°	3348.6	2152.4	588.7	342.5	377.6	393.9	395.1	331.2	274.3	248.2
4237.0	65°	3452.6	2110.3	543.2	316.8	341.3	365.1	383.8	324.6	261.1	235.0
4339.1	67.5°	3448.3	1990.3	471.9	283.7	306.3	333.1	367.4	313.3	245.1	218.6
4261.9	70°	3287.8	1753.4	381.5	245.1	267.7	298.9	346.4	296.5	226.0	200.7
3789.7	72.5°	2819.8	1372.3	277.0	199.9	222.9	263.4	319.1	276.3	206.5	184.7
2800.7	75°	2014.5	868.5	187.8	153.5	173.4	223.3	285.2	252.5	188.6	185.5
1402.7	77.5°	1029.0	415.0	124.3	112.2	120.8	176.1	239.6	225.6	191.3	153.1
399.0	80°	334.7	153.1	78.3	76.4	80.3	117.3	185.5	185.1	144.9	104.0
96.6	82.5°	106.8	65.8	51.0	49.1	47.1	73.6	129.4	146.5	97.8	65.8
34.7	85°	42.5	39.4	30.0	27.7	19.9	34.7	67.8	97.4	72.9	47.5
9.0	87.5°	15.6	15.6	8.2	5.8	4.3	11.7	18.3	29.2	41.7	24.5
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°
1061.4
1143.6
1183.0
1175.2
1115.9
1019.7
922.7
850.2
807.7
791.0
781.2
771.5
739.9
667.8
580.2
498.7
434.1
390.0
388.9
385.4
359.3
313.7
287.6
276.6
267.7
248.2
235.0
219.8
203.0
183.5
174.9
136.4
92.0
65.5
48.7
24.2
0.0

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