

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: P847055

Luminaire Tested: **GLAN-SB3A-722-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847055
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3A-722-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7685 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G2

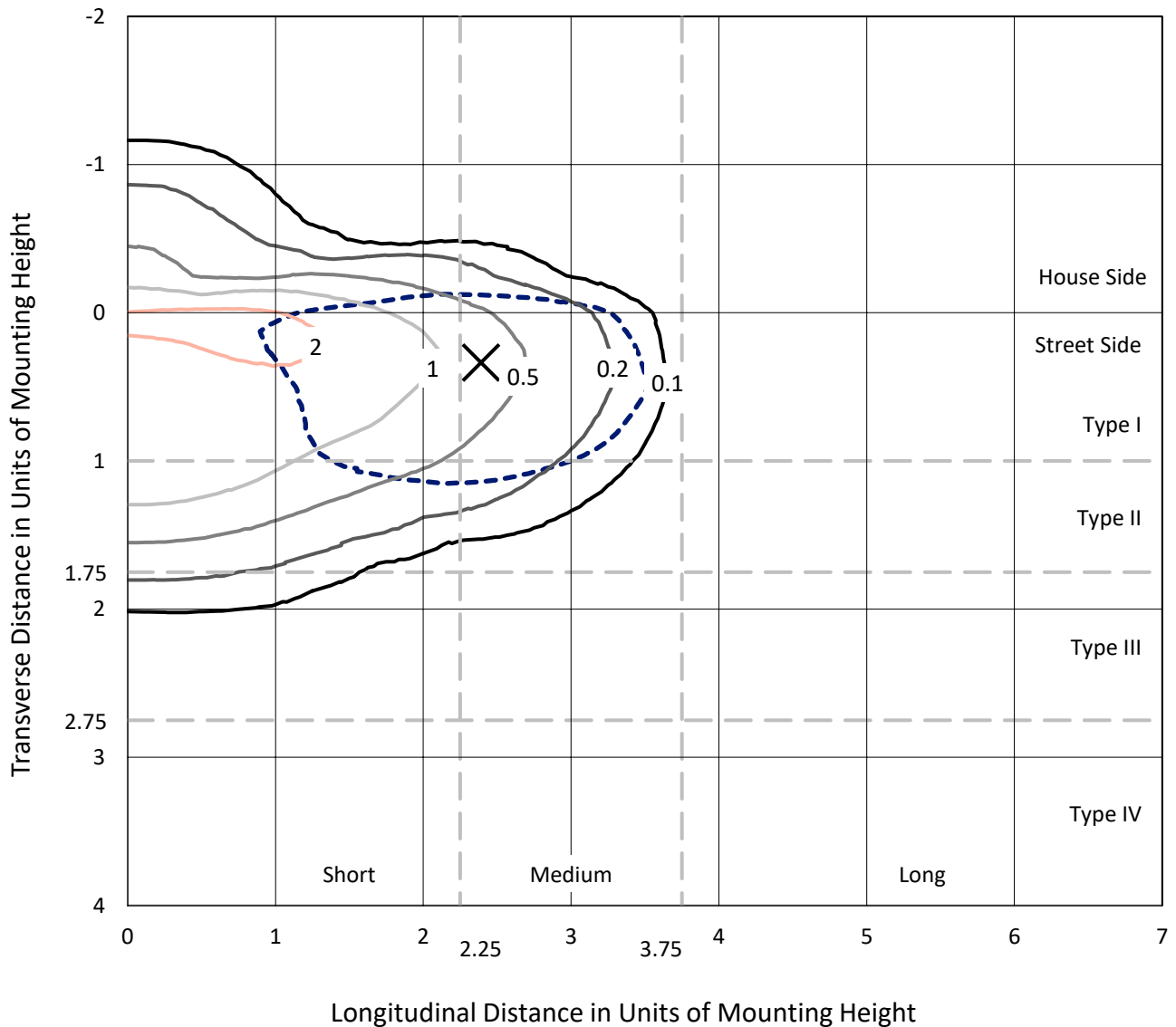
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

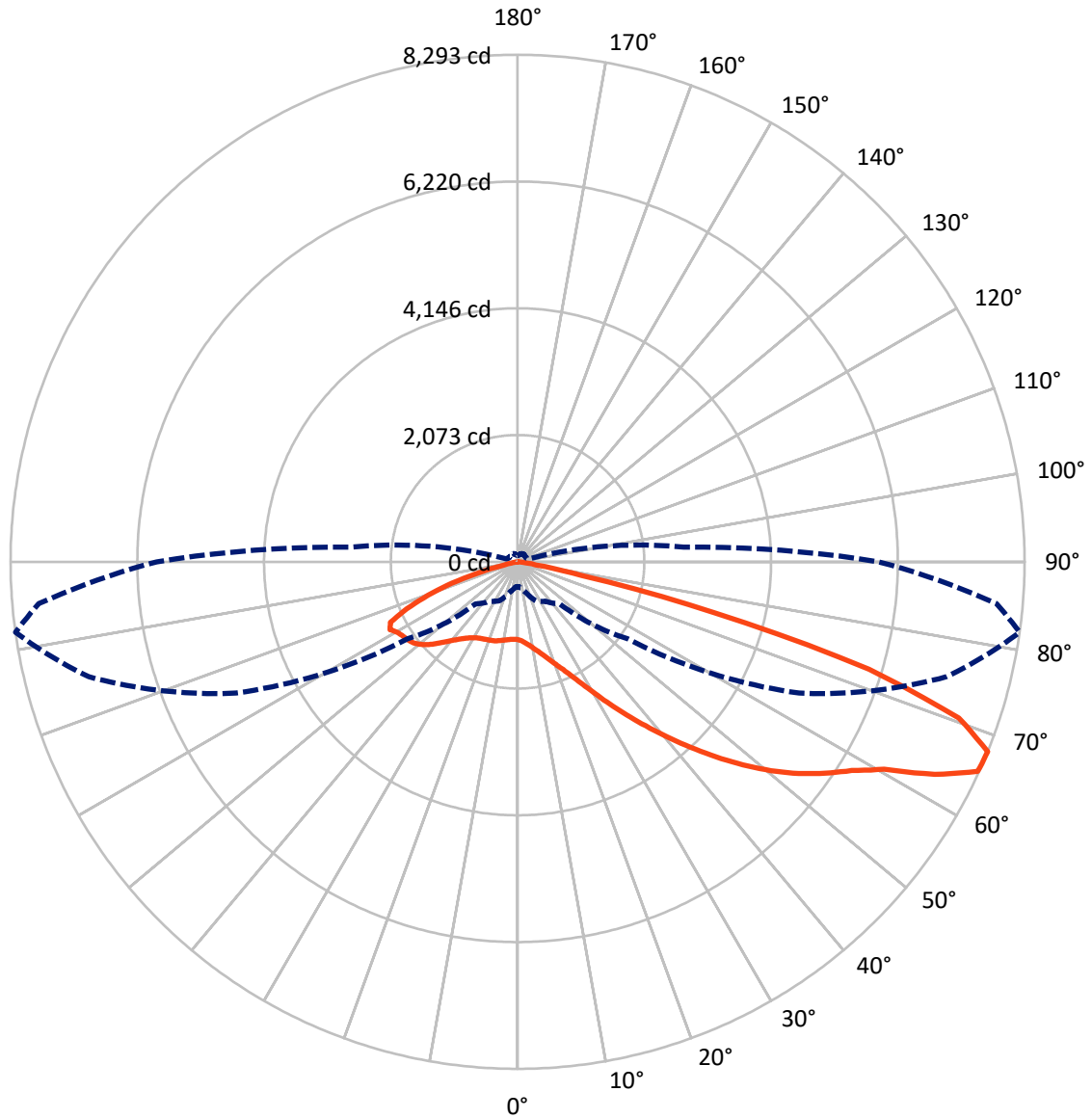
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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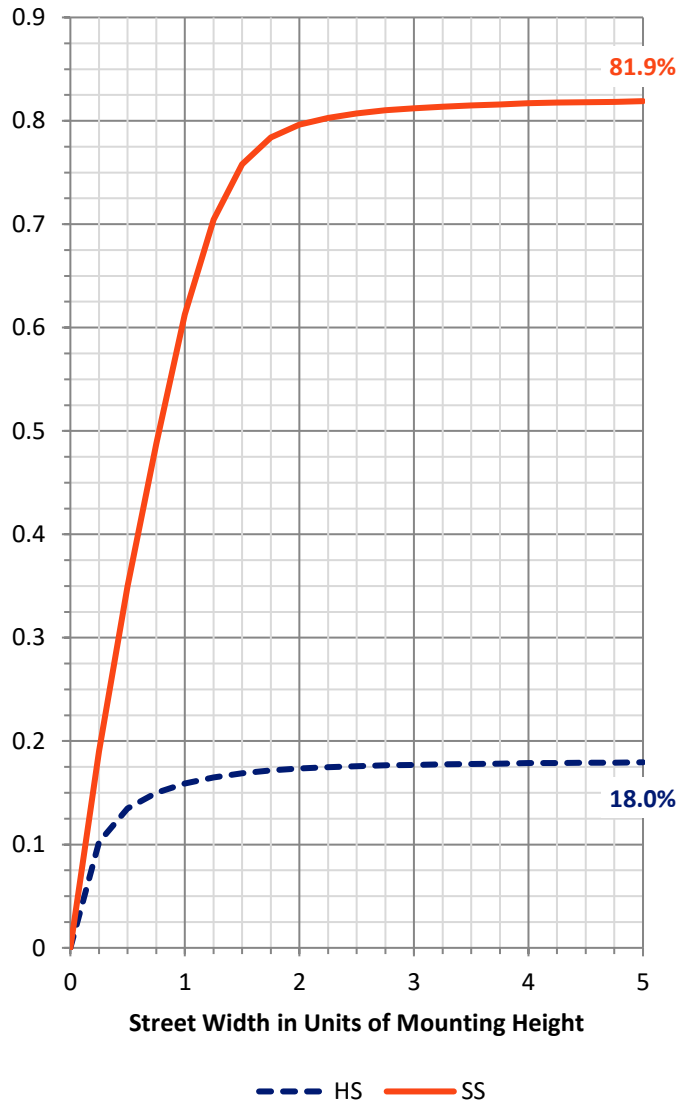
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1392.1	0.0	1392.1
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	6292.9	0.0	6292.9
	% Fixture	81.9	0.0	81.9
Total	Lumens	7685.0	0.0	7685.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.4	1.5
10°-20°	294.8	3.8
20°-30°	472.1	6.1
30°-40°	834.8	10.9
40°-50°	1462.7	19.0
50°-60°	1950.8	25.4
60°-70°	1816.1	23.6
70°-80°	697.0	9.1
80°-90°	43.3	0.6
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°	7685.0	100.0
0°-180°	7685.0	100.0

Coefficient of Utilization

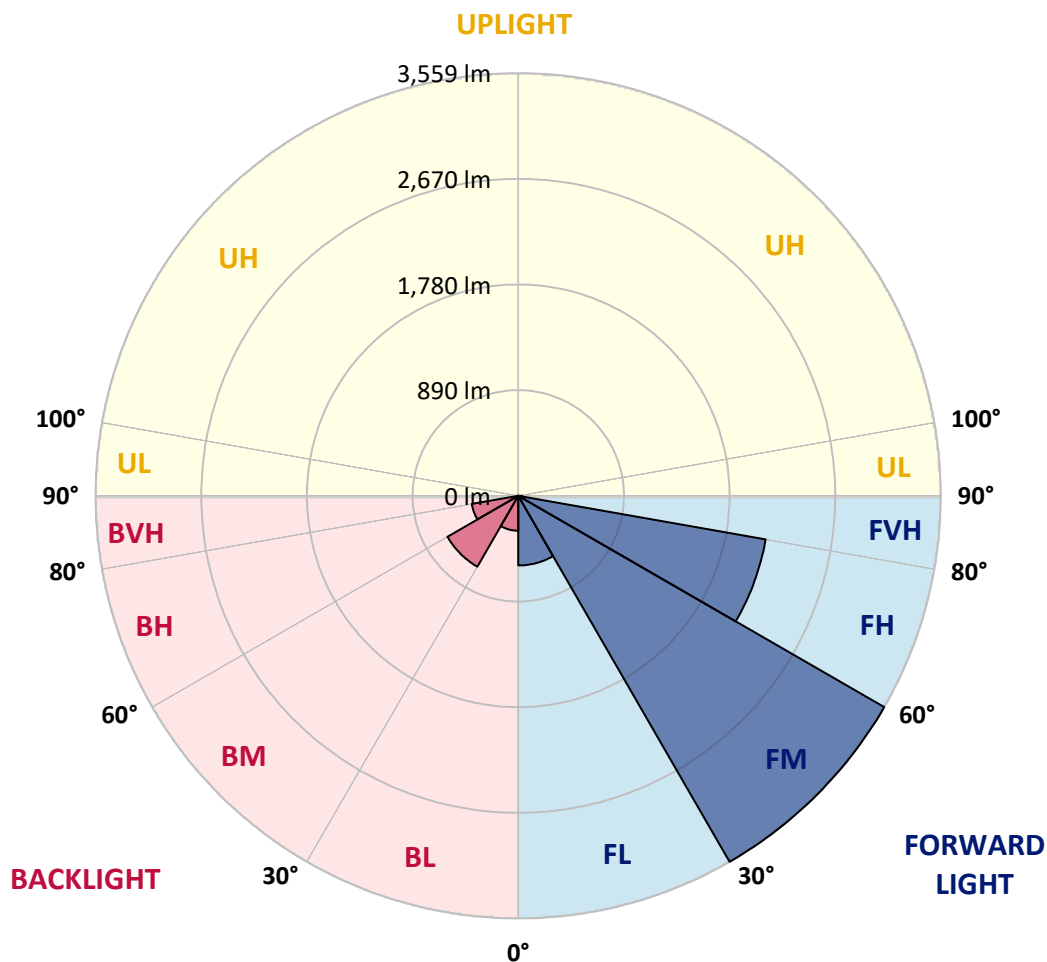


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	586.3	7.6			
FM (30°-60°)	3559.4	46.3			
FH (60°-80°)	2115.8	27.5			G2/5000
FVH (80°-90°)	31.5	0.4			G1/100
BL (0°-30°)	294.0	3.8	B1/500		
BM (30°-60°)	688.9	9.0	B1/1000		
BH (60°-80°)	397.3	5.2	B1/500		G1/500
BVH (80°-90°)	11.8	0.2			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1
2.5°	1345.6	1353.4	1348.9	1346.7	1342.9	1337.3	1332.9	1319.1	1304.7	1295.3
5°	1372.7	1380.5	1379.9	1382.1	1384.9	1386.6	1385.5	1370.0	1349.5	1333.5
7.5°	1349.5	1358.4	1365.5	1376.6	1396.0	1416.4	1426.4	1423.1	1402.1	1379.9
10°	1283.7	1293.1	1310.2	1336.2	1377.2	1421.4	1458.5	1475.7	1462.4	1438.0
12.5°	1163.0	1172.4	1206.2	1262.6	1331.2	1408.1	1479.0	1524.9	1528.2	1503.9
15°	1027.5	1036.9	1072.8	1143.7	1248.2	1371.6	1490.0	1576.9	1606.2	1585.2
17.5°	943.4	951.7	978.8	1035.8	1144.8	1298.6	1486.2	1632.2	1699.2	1682.6
20°	917.9	925.1	937.8	977.7	1068.4	1222.8	1460.7	1684.2	1799.3	1789.9
22.5°	945.0	951.7	955.5	973.3	1030.2	1173.0	1428.6	1737.4	1915.5	1916.6
25°	1007.6	1014.2	1009.8	1020.8	1045.7	1157.5	1416.4	1799.9	2061.6	2073.8
27.5°	1110.5	1111.0	1100.5	1100.0	1103.8	1180.7	1429.2	1866.8	2245.8	2268.5
30°	1316.9	1308.6	1268.2	1224.5	1204.5	1250.5	1464.6	1946.0	2463.3	2503.7
32.5°	1635.0	1622.8	1548.7	1444.1	1339.0	1362.8	1528.2	2036.1	2700.1	2773.1
35°	1980.3	1976.9	1899.5	1744.0	1560.3	1522.7	1631.7	2154.6	2958.5	3074.7
37.5°	2301.2	2299.5	2255.3	2072.1	1848.6	1745.7	1797.7	2309.5	3235.1	3403.4
40°	2594.4	2599.4	2555.1	2391.4	2166.2	2031.7	2023.4	2500.9	3542.8	3761.3
42.5°	2847.8	2853.4	2808.6	2687.4	2479.9	2348.2	2300.6	2735.5	3843.2	4145.9
45°	3019.9	3054.2	3047.6	2950.8	2801.9	2665.2	2633.7	3029.9	4185.7	4553.7
47.5°	3068.6	3100.1	3149.9	3163.2	3072.5	2938.0	2975.7	3384.5	4532.1	4962.0
50°	2948.5	2977.9	3081.3	3219.1	3282.2	3240.7	3308.2	3764.7	4886.7	5369.2
52.5°	2711.7	2741.6	2872.2	3090.2	3347.5	3478.0	3641.8	4139.2	5230.3	5754.9
55°	2369.2	2400.8	2568.4	2815.2	3223.0	3576.0	3920.1	4513.3	5545.2	6101.8
57.5°	1903.4	1926.6	2100.9	2446.1	2909.8	3478.6	4125.4	4921.6	5841.7	6442.6
60°	1240.5	1261.0	1463.5	1848.6	2390.8	3153.3	4166.4	5377.0	6235.7	6885.8
62.5°	825.0	838.8	958.9	1241.6	1683.7	2528.6	3926.8	5740.5	6813.3	7657.1
65°	566.0	579.9	699.9	896.9	1087.8	1672.6	3237.9	5692.4	7336.8	8269.6
67.5°	403.9	415.5	517.3	703.2	787.3	971.6	2194.9	5077.1	7261.5	8292.9
70°	289.4	296.0	380.1	547.8	625.8	583.7	1220.6	3883.1	6358.0	7657.7
72.5°	202.5	204.7	263.9	417.2	504.1	426.0	581.0	2588.9	4808.7	6010.5
75°	137.2	140.0	177.6	306.0	404.5	325.3	307.6	1388.2	2822.9	3327.0
77.5°	84.1	85.2	114.5	209.1	302.7	247.9	198.1	588.2	1092.2	1072.3
80°	47.6	47.6	73.0	130.0	206.4	159.9	138.9	250.1	345.8	303.8
82.5°	26.6	27.1	53.1	80.8	136.7	94.6	76.4	115.6	149.4	132.2
85°	11.1	12.2	32.6	38.2	65.3	47.0	31.0	48.7	55.3	49.2
87.5°	1.1	1.7	10.0	7.2	7.7	9.4	4.4	9.4	7.7	7.7
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°
1273.1	0°	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1	1273.1
1292.0	2.5°	1281.4	1273.1	1252.1	1227.8	1195.7	1180.2	1159.2	1144.8	1132.6	1133.7
1324.0	5°	1306.3	1285.3	1238.3	1179.6	1106.6	1054.6	999.3	961.1	930.1	923.5
1368.3	7.5°	1340.6	1307.4	1225.0	1119.3	995.9	902.4	818.9	765.2	727.0	714.9
1422.0	10°	1384.9	1336.8	1207.9	1043.5	865.9	747.0	657.3	615.3	589.3	580.4
1485.1	12.5°	1436.4	1370.5	1185.2	951.1	732.0	617.5	560.5	539.5	531.2	528.4
1562.5	15°	1501.1	1412.6	1150.9	841.6	618.6	538.4	514.0	511.2	512.4	511.2
1655.5	17.5°	1578.0	1458.5	1095.0	728.7	542.2	498.0	489.1	491.3	494.1	493.5
1759.5	20°	1662.1	1503.9	1023.6	628.5	490.2	469.2	464.2	466.4	468.6	467.5
1879.6	22.5°	1757.8	1552.6	944.5	550.5	455.4	442.6	437.1	437.7	437.7	435.4
2031.7	25°	1872.4	1606.2	861.5	495.2	428.8	418.8	412.2	410.0	406.7	400.0
2216.5	27.5°	2009.0	1663.2	781.8	456.5	407.8	398.4	390.6	385.1	376.8	365.7
2438.4	30°	2162.9	1732.4	714.3	432.1	391.2	381.8	372.9	364.6	352.5	338.6
2693.5	32.5°	2343.8	1806.5	665.1	416.1	376.2	366.3	355.8	345.8	332.5	318.7
2980.1	35°	2559.6	1896.2	636.3	405.0	364.6	351.3	339.7	328.7	318.7	306.5
3291.6	37.5°	2793.6	1991.3	627.4	399.5	356.9	336.4	323.1	315.4	314.3	307.1
3628.5	40°	3049.8	2104.2	634.1	396.2	348.6	322.0	307.6	306.0	308.7	296.0
3988.7	42.5°	3320.9	2238.1	645.1	392.3	337.0	307.6	293.8	293.8	291.6	273.9
4369.4	45°	3614.2	2392.5	656.2	382.9	323.1	293.2	282.7	278.9	269.5	252.3
4752.3	47.5°	3909.6	2549.6	664.5	365.7	306.5	281.1	271.7	262.8	249.0	233.5
5128.0	50°	4190.1	2690.7	655.7	340.3	287.7	269.5	259.5	247.3	232.4	221.9
5483.8	52.5°	4440.8	2813.0	618.0	310.4	267.8	257.3	248.4	235.7	223.5	212.5
5804.7	55°	4658.8	2912.0	551.6	282.2	250.1	246.8	237.9	221.9	205.3	195.9
6122.8	57.5°	4867.9	2987.3	468.6	258.9	234.0	235.2	221.9	207.5	192.0	182.0
6551.6	60°	5146.2	3088.0	384.5	237.4	216.9	220.2	205.8	195.3	175.9	163.2
7287.0	62.5°	5591.1	3244.6	305.4	210.8	197.0	198.1	192.0	179.3	156.0	141.1
7832.0	65°	5944.1	3187.0	240.7	182.0	174.3	175.9	175.9	162.1	137.2	120.1
7861.3	67.5°	5904.3	2728.9	192.0	153.8	152.7	153.8	157.7	146.1	121.7	107.9
7262.6	70°	5438.9	2170.6	153.8	127.8	132.8	130.0	141.1	133.3	109.6	95.7
5630.4	72.5°	4438.0	1563.6	117.3	105.7	101.8	106.2	127.3	120.1	91.3	75.8
2982.3	75°	2593.3	834.4	87.4	83.5	73.6	88.5	112.9	102.4	69.7	55.9
914.1	77.5°	844.3	291.0	64.2	61.4	54.8	71.4	96.3	86.3	57.0	44.3
267.8	80°	226.3	88.0	43.7	40.4	35.4	53.1	76.4	68.6	40.9	28.8
115.1	82.5°	90.7	37.1	25.5	22.7	19.4	36.5	60.3	55.3	30.4	18.3
36.0	85°	29.3	12.2	9.4	7.2	8.9	22.7	36.0	37.6	21.6	9.4
5.5	87.5°	3.9	1.7	1.7	2.2	1.7	3.9	11.1	10.5	6.1	1.1
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°
<hr/>
1273.1
1122.6
908.5
702.7
573.8
526.7
510.7
492.4
467.0
434.3
398.9
364.6
337.5
319.3
305.4
306.5
296.6
273.9
251.8
232.9
220.2
211.4
194.8
180.9
161.6
140.0
118.4
105.7
94.1
74.1
54.2
42.6
28.2
18.3
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