

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: P946623

Luminaire Tested: **GLAN-SB2B-722-U-SL3**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2B-722-U-SL3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
SPILL LIGHT ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9092 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G3

Input Watts (W): 73.9
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

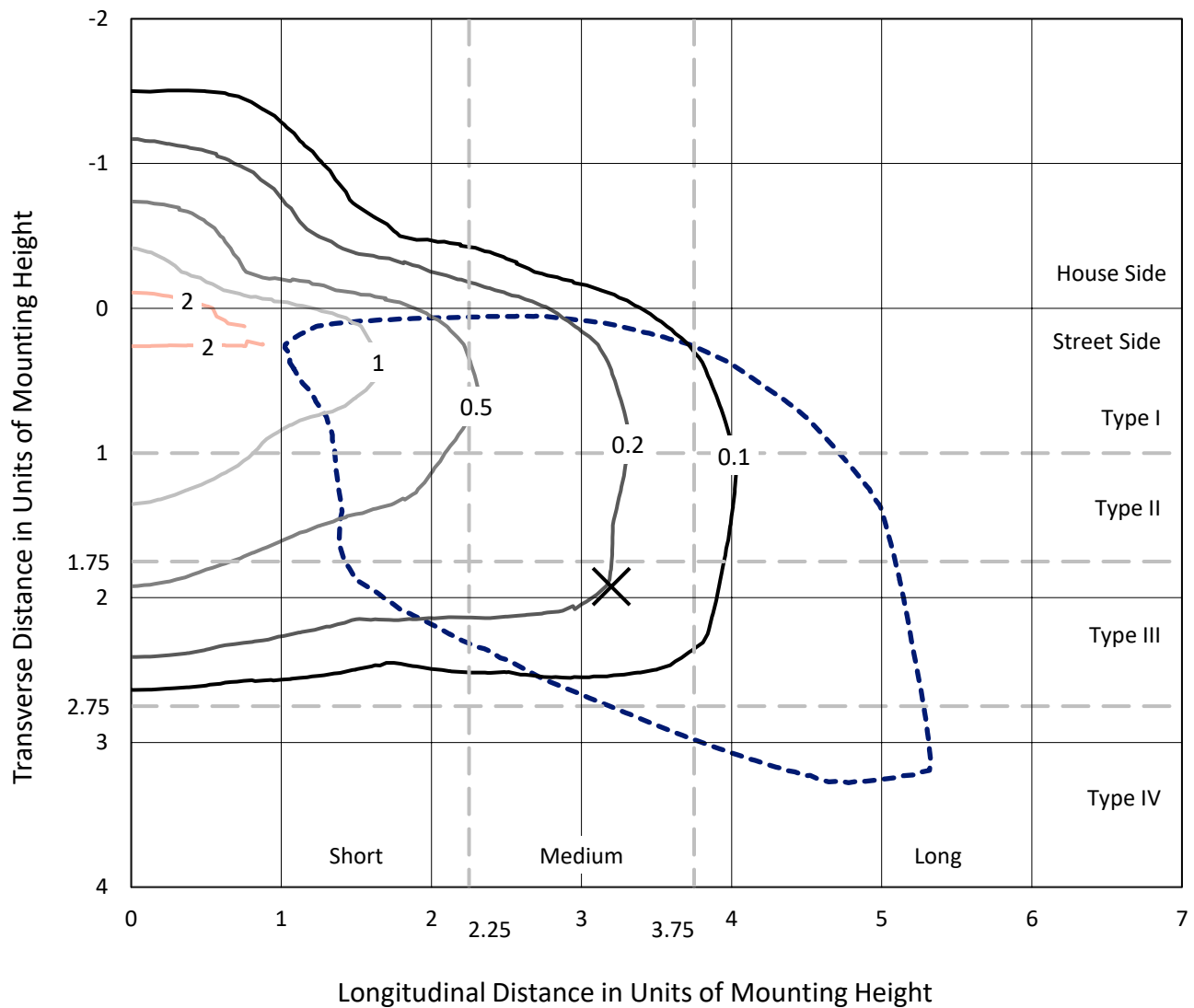


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Iso-Footcandle Lines of Horizontal Illumination

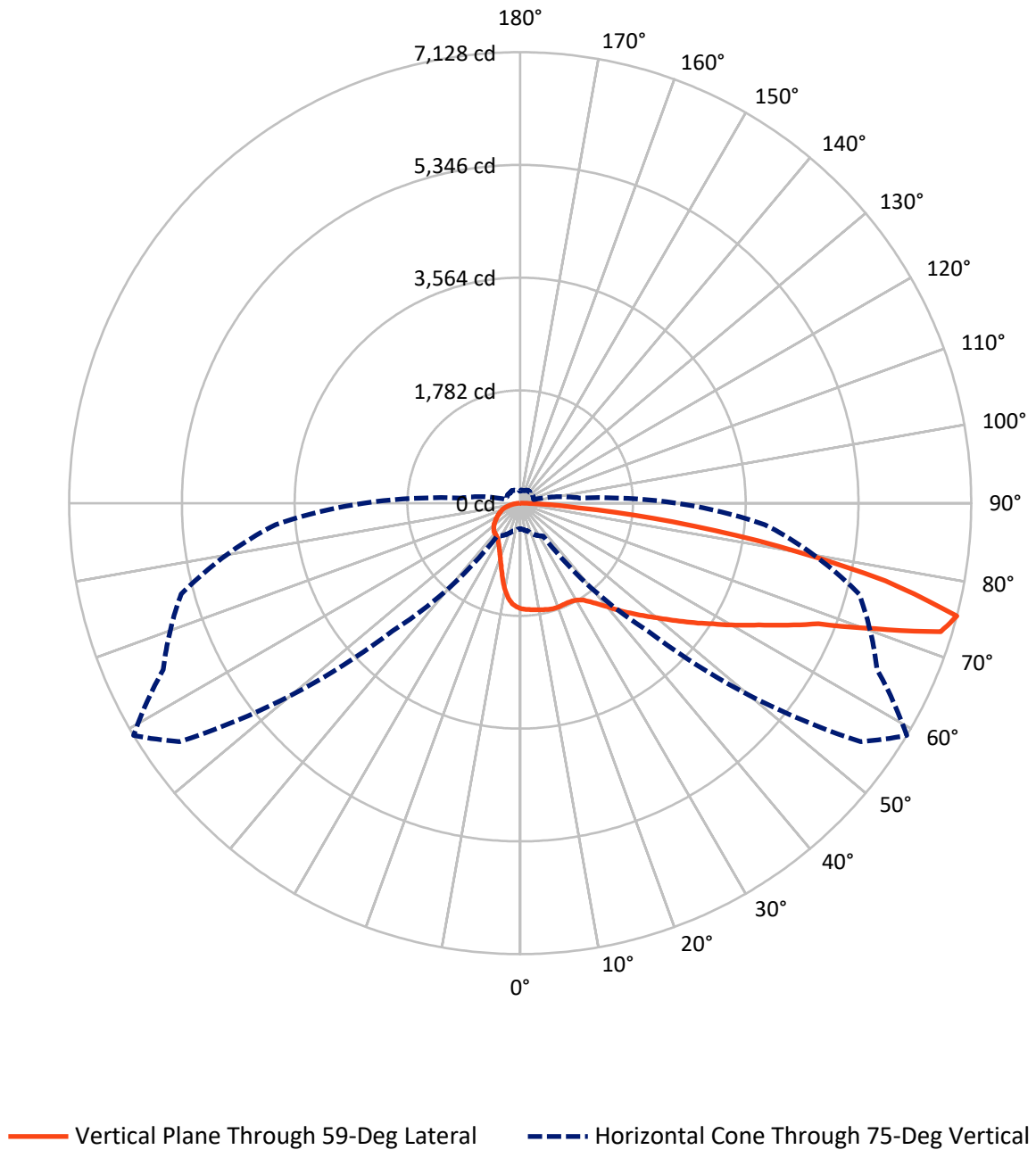
× Max cd
- - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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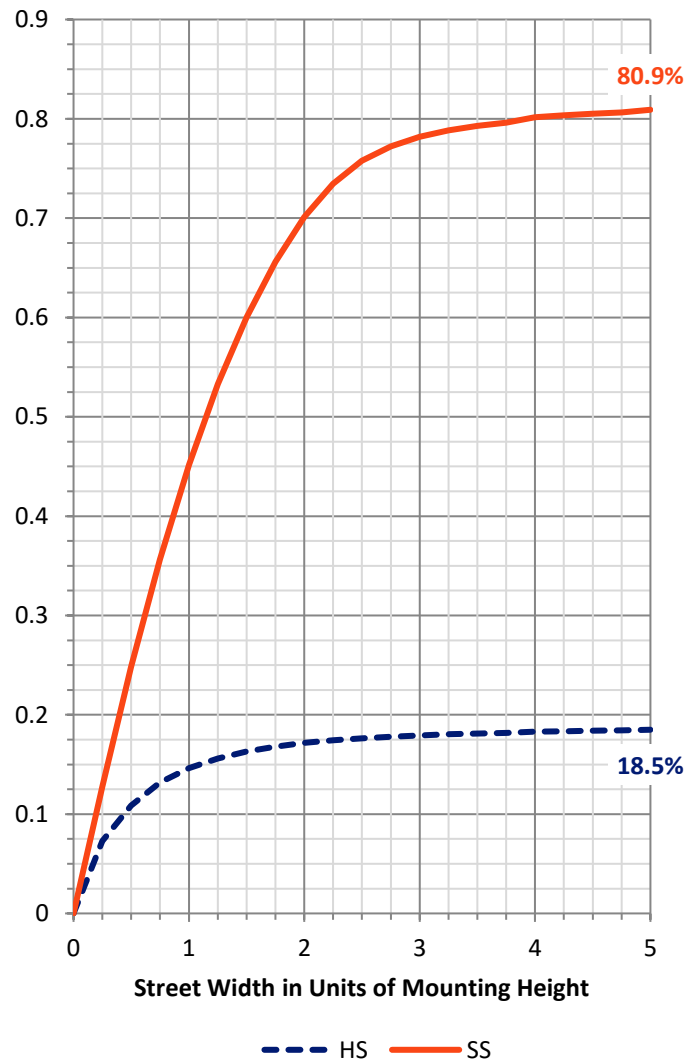
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1705.3	0.0	1705.3
	% Fixture	18.8	0.0	18.8
Street Side	Lumens	7386.7	0.0	7386.7
	% Fixture	81.2	0.0	81.2
Total	Lumens	9092.0	0.0	9092.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.6	1.6
10°-20°	382.5	4.2
20°-30°	581.0	6.4
30°-40°	863.6	9.5
40°-50°	1284.3	14.1
50°-60°	1743.3	19.2
60°-70°	2128.2	23.4
70°-80°	1670.2	18.4
80°-90°	289.3	3.2
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°	9092.0	100.0
0°-180°	9092.0	100.0

Coefficient of Utilization



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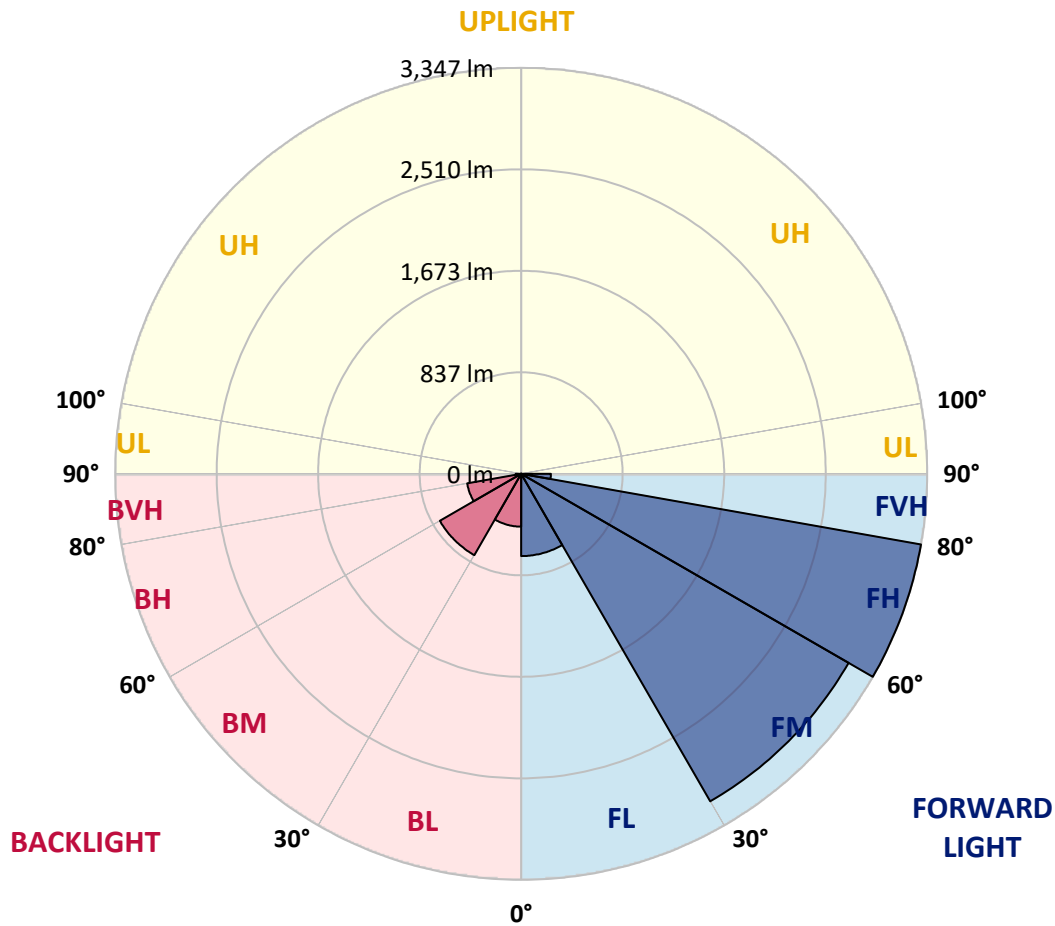
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	677.9	7.5			
FM	(30°-60°)	3117.1	34.3			
FH	(60°-80°)	3346.7	36.8			G2/5000
FVH	(80°-90°)	245.0	2.7			G3/500
BL	(0°-30°)	435.2	4.8	B1/500		
BM	(30°-60°)	774.0	8.5	B1/1000		
BH	(60°-80°)	451.8	5.0	B1/500		G1/500
BVH	(80°-90°)	44.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	59°	65°	75°
0°	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8
2.5°	1683.0	1677.1	1683.0	1680.6	1679.6	1677.6	1678.1	1681.5	1679.6	1682.0
5°	1671.8	1668.3	1674.2	1672.7	1679.1	1680.1	1686.4	1690.3	1692.8	1693.3
7.5°	1653.2	1649.7	1658.1	1664.9	1678.6	1682.5	1695.7	1702.1	1705.5	1711.4
10°	1585.2	1583.7	1604.3	1630.2	1662.5	1682.5	1702.6	1713.3	1718.7	1734.4
12.5°	1464.9	1466.8	1493.7	1543.6	1608.2	1672.7	1710.4	1726.0	1734.4	1753.9
15°	1349.9	1349.4	1378.8	1432.1	1522.6	1629.7	1714.3	1741.2	1755.4	1784.2
17.5°	1283.4	1281.4	1302.0	1342.6	1426.7	1563.7	1704.5	1749.5	1779.8	1816.0
20°	1271.2	1267.3	1278.0	1298.1	1357.7	1491.3	1679.1	1749.5	1799.4	1846.4
22.5°	1315.7	1309.3	1304.9	1302.5	1328.9	1431.6	1650.2	1743.6	1828.3	1889.9
25°	1405.2	1395.4	1372.9	1350.9	1343.1	1404.7	1624.8	1742.2	1871.3	1948.6
27.5°	1550.0	1537.7	1492.3	1439.4	1392.0	1418.4	1613.5	1751.0	1918.7	2010.7
30°	1729.5	1716.3	1659.0	1577.8	1492.7	1469.3	1627.7	1776.9	1979.4	2093.4
32.5°	1890.4	1875.7	1826.8	1744.1	1629.2	1557.3	1672.7	1826.3	2074.8	2208.3
35°	2033.2	2016.1	1972.1	1895.8	1796.5	1681.0	1753.9	1913.9	2210.3	2395.1
37.5°	2173.1	2153.0	2105.1	2024.4	1954.9	1845.9	1865.9	2026.3	2390.2	2622.1
40°	2329.6	2300.7	2242.5	2162.8	2095.3	2039.1	2013.1	2164.3	2573.2	2875.4
42.5°	2481.2	2453.8	2384.4	2316.4	2231.8	2215.6	2183.8	2325.7	2773.2	3153.7
45°	2644.6	2611.8	2527.7	2441.6	2388.3	2333.0	2349.2	2487.1	2969.3	3437.4
47.5°	2797.7	2761.0	2661.7	2565.8	2536.5	2431.8	2500.8	2664.6	3173.3	3725.0
50°	2880.3	2844.1	2761.5	2674.9	2651.9	2553.6	2665.1	2859.8	3387.0	4011.6
52.5°	2949.3	2910.2	2802.1	2754.1	2747.3	2686.1	2867.6	3082.8	3600.8	4265.0
55°	3022.7	2979.1	2841.2	2798.2	2829.5	2834.8	3107.8	3335.7	3826.7	4512.0
57.5°	3107.3	3052.0	2878.9	2835.3	2909.7	3009.0	3383.6	3597.8	4048.8	4740.9
60°	3187.0	3131.2	2951.2	2894.5	2996.2	3211.0	3700.1	3915.3	4300.2	4944.8
62.5°	3202.6	3156.7	3009.0	3008.5	3113.6	3446.7	4074.7	4235.6	4519.8	5146.3
65°	2931.7	2902.8	2815.3	3004.1	3281.9	3786.1	4491.9	4645.5	4799.1	5322.4
67.5°	2231.3	2235.2	2228.8	2593.2	3145.9	4273.8	5096.0	5084.2	5143.9	5520.0
70°	1020.3	1043.3	1192.9	1790.1	2520.3	4330.0	6094.7	5942.6	5576.7	5775.8
72.5°	551.2	568.8	630.0	867.2	1515.2	3849.7	6841.1	6949.2	6152.4	5948.0
75°	404.5	414.3	456.8	551.2	636.3	2861.2	6573.5	7128.2	6224.3	5546.4
77.5°	302.8	307.2	341.9	436.8	325.7	1508.4	5252.5	5903.5	5328.3	4557.0
80°	219.6	224.5	250.4	327.7	228.4	551.7	3606.6	4143.7	3649.2	2904.8
82.5°	151.6	153.6	164.8	223.0	159.4	214.2	2046.4	2429.9	2037.1	1019.3
85°	91.5	93.9	98.8	130.1	90.5	101.7	883.3	913.6	608.9	243.6
87.5°	37.7	40.1	44.0	54.8	35.7	28.4	145.8	182.9	114.0	71.4
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°
1668.8	0°	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8	1668.8
1673.7	2.5°	1671.3	1667.8	1658.5	1645.8	1634.1	1619.4	1613.1	1607.7	1602.8	1593.5
1686.9	5°	1681.5	1672.2	1647.3	1615.0	1578.3	1538.2	1499.1	1472.2	1449.2	1432.1
1702.1	7.5°	1697.2	1679.6	1634.1	1568.1	1483.9	1397.9	1320.1	1264.8	1223.2	1208.1
1723.6	10°	1713.3	1692.3	1613.1	1496.7	1351.4	1218.8	1115.6	1058.9	1025.6	1014.9
1749.0	12.5°	1732.4	1701.6	1580.3	1397.4	1203.2	1057.9	967.9	934.7	917.6	911.7
1780.3	15°	1760.3	1709.4	1530.9	1273.1	1061.8	940.5	882.3	859.4	850.5	850.1
1812.6	17.5°	1781.3	1710.9	1454.1	1140.1	953.3	869.6	821.7	812.9	818.8	827.6
1844.4	20°	1804.8	1697.7	1353.3	1018.8	877.0	807.5	787.5	793.3	807.5	820.2
1886.5	22.5°	1821.4	1673.7	1231.6	924.4	810.9	771.8	770.8	783.1	790.9	797.2
1935.9	25°	1836.1	1633.1	1102.4	845.2	756.6	750.3	761.0	757.1	751.7	757.1
1985.3	27.5°	1846.8	1569.0	987.0	775.7	718.5	735.6	729.3	720.4	720.0	722.9
2043.5	30°	1843.4	1483.4	892.1	709.7	691.6	708.2	693.1	691.6	690.1	691.6
2131.0	32.5°	1843.4	1386.1	819.2	664.2	674.5	668.1	666.6	663.2	657.4	656.9
2249.9	35°	1853.7	1288.8	756.6	639.7	660.3	645.1	646.1	637.8	625.6	619.7
2407.4	37.5°	1874.7	1210.5	694.5	628.0	635.3	634.9	630.9	616.8	595.2	576.7
2604.0	40°	1925.6	1187.5	652.0	622.6	623.6	629.5	619.2	591.8	542.9	512.6
2803.5	42.5°	2005.3	1226.2	642.7	609.4	615.8	621.6	601.6	538.0	503.3	485.2
3012.9	45°	2106.6	1293.7	662.7	590.3	597.2	607.5	547.8	517.5	501.8	502.3
3220.2	47.5°	2234.7	1364.6	699.9	573.7	570.3	576.2	512.1	493.5	472.0	477.4
3419.3	50°	2382.9	1436.5	735.1	551.2	540.5	521.4	489.1	471.5	444.1	431.4
3611.5	52.5°	2543.3	1505.9	749.3	523.8	508.2	486.2	473.5	451.9	418.7	397.6
3793.0	55°	2695.4	1569.0	733.7	491.1	475.9	458.8	456.8	443.6	407.9	378.6
3954.4	57.5°	2839.2	1621.9	694.5	457.8	443.1	432.9	446.1	439.7	394.7	357.0
4107.0	60°	2961.0	1658.1	637.8	424.1	413.8	408.4	428.5	426.5	376.1	334.1
4243.9	62.5°	3057.9	1672.2	575.2	391.8	389.3	379.5	404.0	404.0	352.6	311.6
4364.3	65°	3133.7	1658.5	511.6	360.0	364.9	350.2	374.2	371.2	327.7	291.5
4502.7	67.5°	3200.7	1613.5	441.2	328.7	339.9	321.3	342.9	336.0	300.3	271.5
4622.5	70°	3230.5	1508.9	361.0	297.4	311.1	293.0	311.6	298.8	269.5	249.9
4490.9	72.5°	2990.9	1254.1	284.2	264.6	276.3	261.7	277.8	263.1	236.2	227.4
3878.1	75°	2474.4	941.0	218.6	228.9	237.7	226.5	237.2	226.5	202.0	208.4
2864.7	77.5°	1797.0	635.3	167.3	191.2	195.2	189.3	198.6	186.3	164.3	162.9
1427.7	80°	893.6	372.2	131.1	151.1	149.7	145.8	156.5	150.6	132.1	139.9
385.4	82.5°	258.7	159.4	95.4	106.1	103.2	104.2	112.0	114.9	172.2	170.7
119.8	85°	81.2	62.6	57.2	59.2	56.2	57.7	66.0	131.1	121.3	70.9
37.2	87.5°	21.0	21.5	14.2	15.2	15.7	18.6	21.0	79.7	38.1	24.9
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°
1668.8
1589.1
1417.9
1181.7
998.3
913.2
852.0
831.0
824.6
800.7
760.6
727.8
697.0
663.2
625.6
583.0
516.5
485.2
504.8
491.1
434.8
397.2
378.6
355.1
332.6
310.1
289.5
269.5
246.0
220.1
190.3
155.5
138.4
174.6
76.8
26.4
0.0

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