

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: P945907

Luminaire Tested: **GLAN-SB1D-722-U-SL2**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945907
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1D-722-U-SL2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 900mA LIGHTSQUARE WITH 26 LEDS AND TYPE II SPILL LIGHT
ELIMINATOR OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8358 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

Input Watts (W): 79.6
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



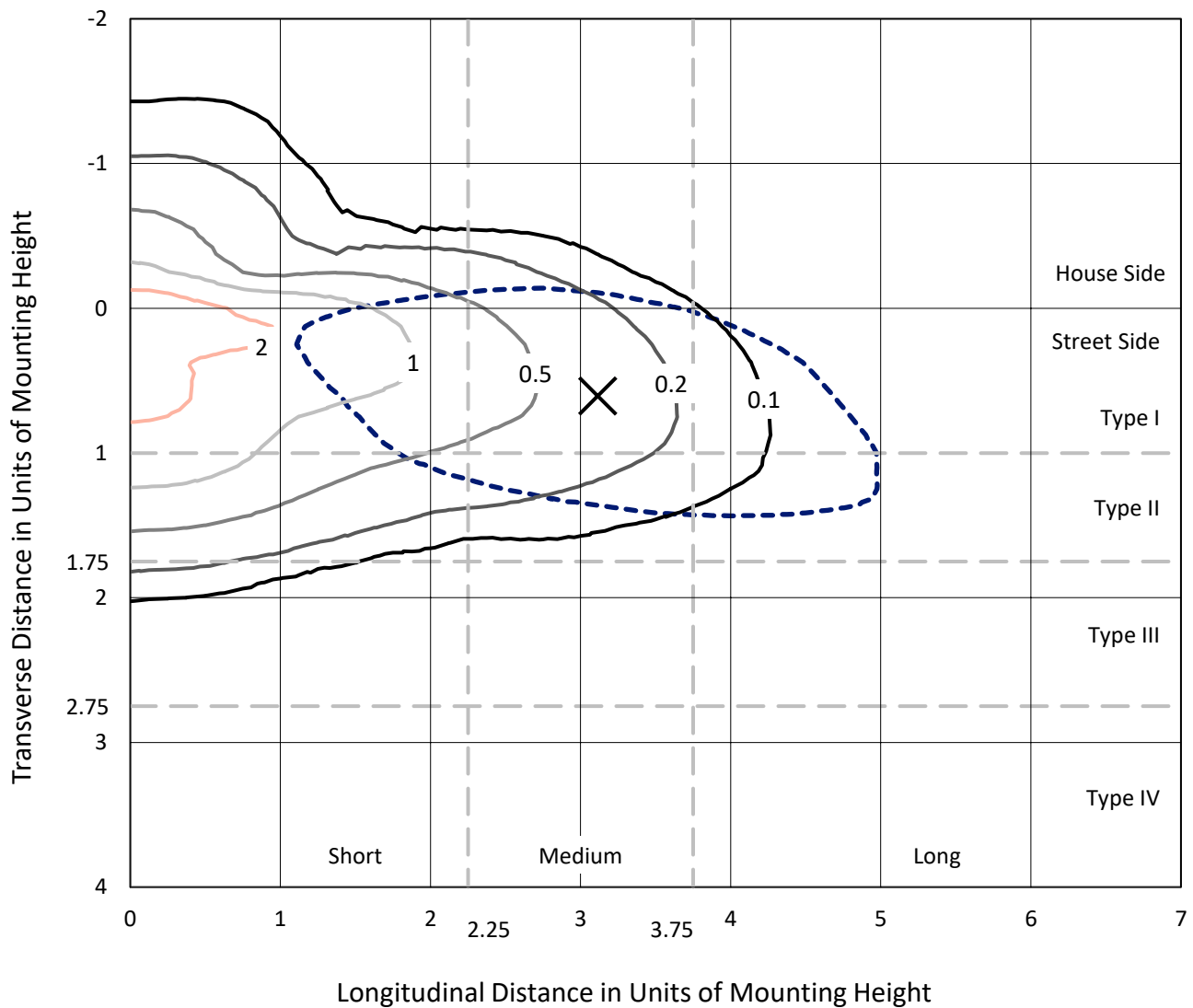
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

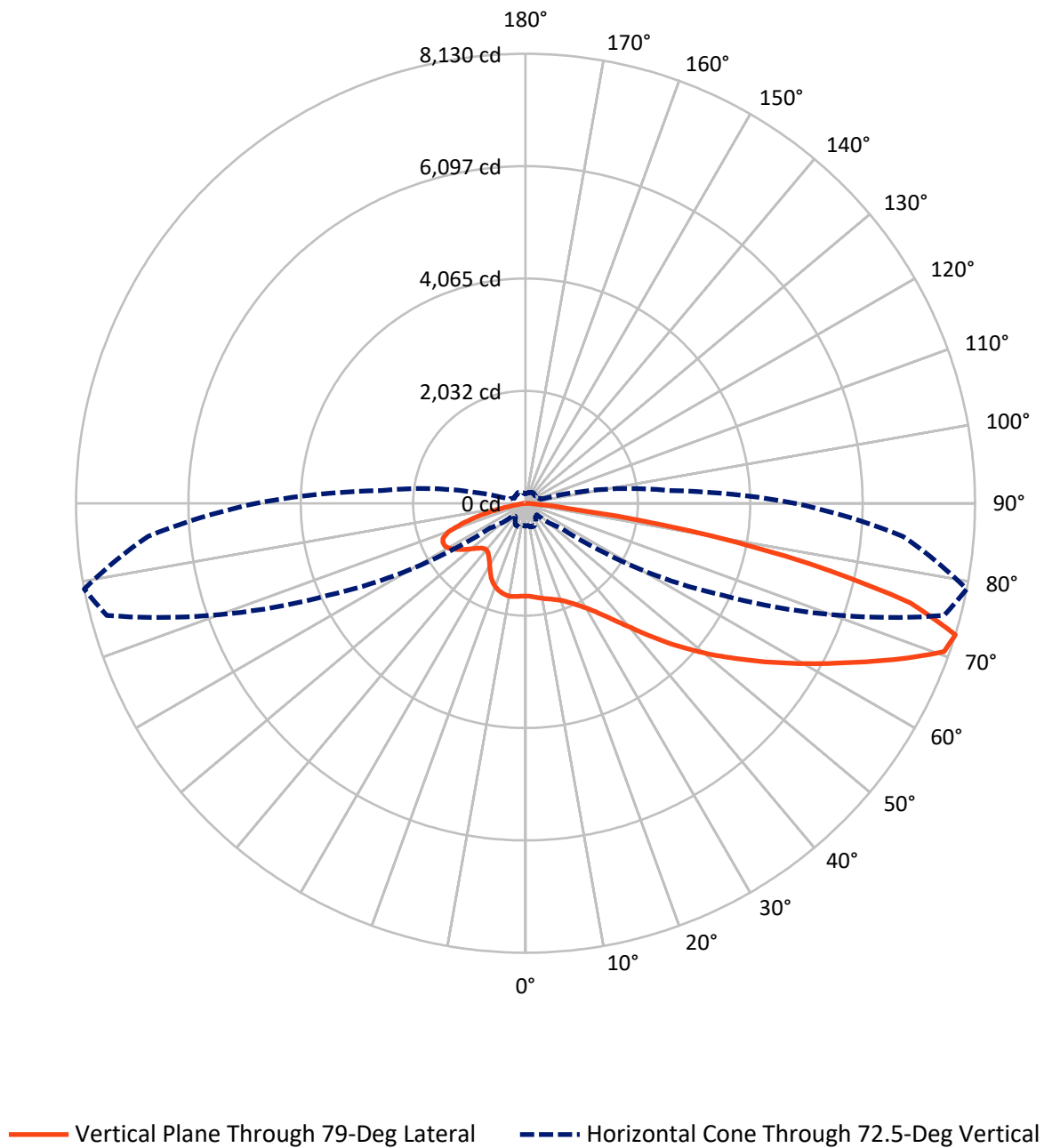


Based on 25 foot mounting height. Maximum calculated value = 2.7 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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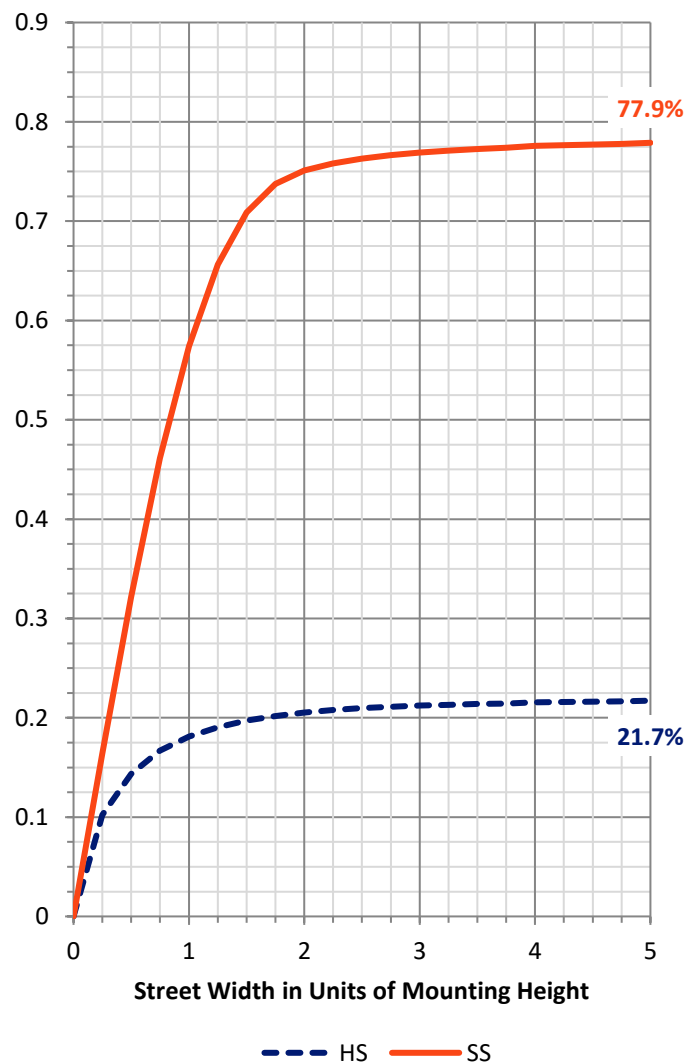
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1839.2	0.0	1839.2
	% Fixture	22.0	0.0	22.0
Street Side	Lumens	6518.8	0.0	6518.8
	% Fixture	78.0	0.0	78.0
Total	Lumens	8358.0	0.0	8358.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.3	1.8
10°-20°	398.2	4.8
20°-30°	642.5	7.7
30°-40°	964.3	11.5
40°-50°	1367.9	16.4
50°-60°	1727.5	20.7
60°-70°	1754.5	21.0
70°-80°	1195.8	14.3
80°-90°	155.1	1.9
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°	8358.0	100.0
0°-180°	8358.0	100.0

Coefficient of Utilization



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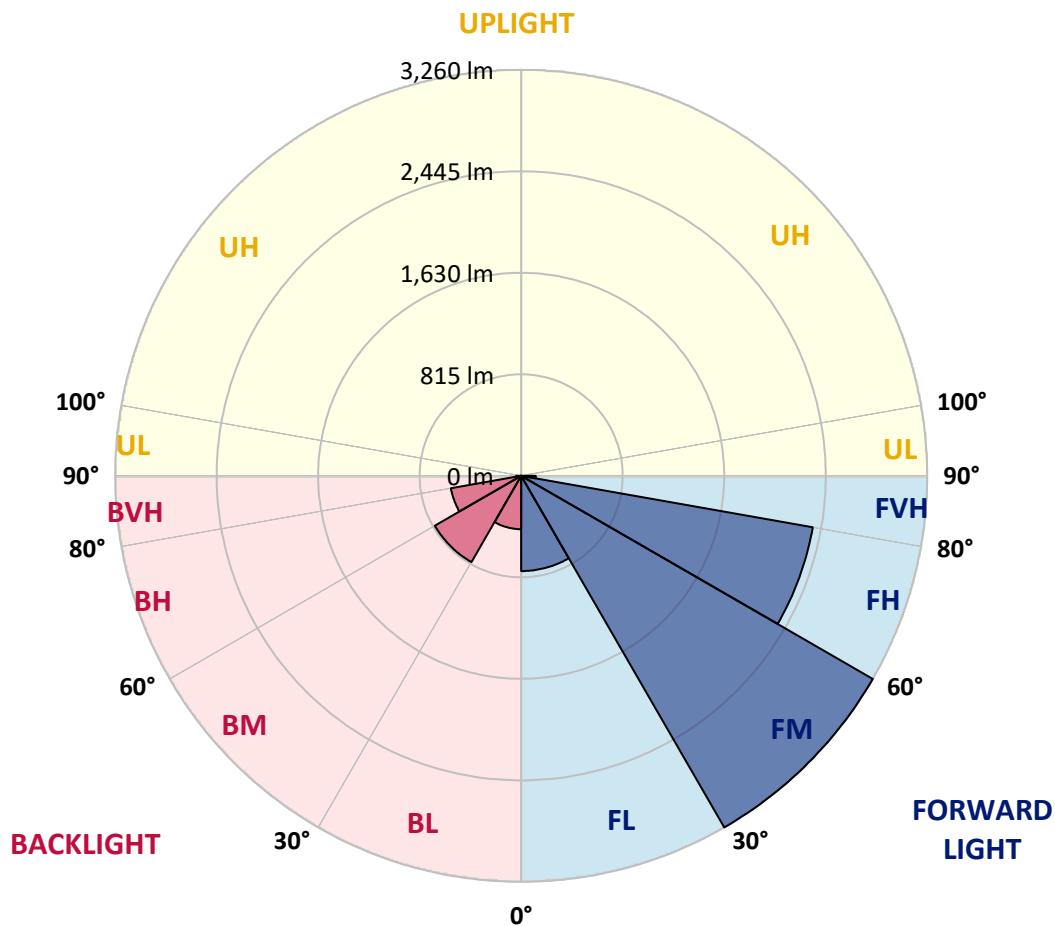
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	764.6	9.1			
FM	(30°-60°)	3259.8	39.0			
FH	(60°-80°)	2377.6	28.4			G2/5000
FVH	(80°-90°)	116.9	1.4			G2/225
BL	(0°-30°)	428.4	5.1	B1/500		
BM	(30°-60°)	799.9	9.6	B1/1000		
BH	(60°-80°)	572.7	6.9	B2/1000		G2/1000
BVH	(80°-90°)	38.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°
0°	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8
2.5°	1678.7	1670.7	1675.6	1673.8	1676.0	1678.7	1679.6	1680.9	1685.3	1684.9
5°	1675.1	1667.2	1673.8	1671.6	1677.3	1683.5	1688.8	1693.7	1700.8	1703.9
7.5°	1667.6	1662.3	1668.9	1675.6	1686.2	1695.5	1703.0	1714.0	1724.2	1726.0
10°	1623.9	1619.9	1635.3	1652.6	1681.8	1707.0	1723.3	1736.1	1747.2	1749.0
12.5°	1578.3	1573.5	1590.7	1614.1	1661.4	1707.0	1741.5	1758.3	1768.0	1773.7
15°	1570.8	1566.8	1576.5	1596.9	1636.2	1695.0	1753.8	1784.8	1793.2	1799.8
17.5°	1607.1	1599.5	1603.5	1610.6	1633.6	1684.0	1763.6	1814.8	1827.7	1834.7
20°	1691.1	1680.4	1674.3	1660.1	1656.1	1685.7	1762.7	1851.1	1867.9	1876.7
22.5°	1802.9	1795.8	1782.6	1746.8	1707.9	1707.4	1779.5	1897.5	1928.9	1937.3
25°	1938.2	1927.6	1910.8	1862.1	1787.4	1750.3	1807.8	1956.8	2009.4	2011.6
27.5°	2093.8	2077.9	2054.9	1990.8	1890.0	1817.5	1851.1	2024.8	2101.8	2100.9
30°	2257.8	2241.9	2217.6	2139.8	2012.9	1908.1	1911.2	2098.2	2211.4	2206.5
32.5°	2377.6	2365.7	2360.8	2300.7	2154.4	2015.1	1980.2	2179.6	2346.7	2342.3
35°	2469.6	2454.1	2459.9	2429.4	2308.7	2134.9	2064.6	2276.4	2511.2	2510.7
37.5°	2560.7	2547.0	2551.8	2531.5	2451.5	2287.0	2167.6	2394.9	2715.0	2724.7
40°	2643.8	2629.2	2648.7	2629.6	2562.4	2448.8	2284.8	2528.8	2951.1	2969.6
42.5°	2693.7	2682.3	2714.5	2715.0	2658.8	2585.4	2413.5	2676.5	3224.3	3265.8
45°	2711.0	2707.0	2755.6	2765.8	2744.1	2664.6	2529.3	2837.4	3518.7	3593.0
47.5°	2692.4	2684.9	2752.1	2789.7	2806.9	2701.7	2625.2	3011.6	3819.3	3928.1
50°	2598.7	2584.1	2684.0	2763.2	2824.6	2726.0	2722.0	3212.8	4161.1	4280.0
52.5°	2430.3	2419.2	2532.8	2670.3	2785.7	2738.0	2830.8	3432.5	4485.6	4639.5
55°	2214.9	2200.4	2325.5	2505.0	2688.9	2734.0	2939.6	3678.3	4868.5	5024.5
57.5°	1873.6	1844.5	2002.7	2214.9	2531.1	2729.1	3052.7	3922.8	5257.5	5444.5
60°	1375.8	1332.5	1526.6	1778.1	2222.5	2681.8	3192.9	4196.9	5724.4	5892.8
62.5°	801.1	775.9	902.8	1137.5	1675.1	2403.3	3271.6	4515.7	6183.3	6360.1
65°	622.0	615.0	626.0	644.1	932.4	1799.4	3028.9	4826.5	6766.9	6890.7
67.5°	569.0	563.7	568.5	534.5	473.1	1002.3	2396.2	4905.2	7392.0	7467.2
70°	505.8	499.6	515.5	486.3	372.3	455.8	1548.3	4619.6	7889.4	8030.4
72.5°	412.0	405.0	442.1	428.8	313.5	292.7	777.7	3940.9	7837.2	8129.9
75°	316.5	312.6	356.8	367.8	255.5	230.3	373.1	2929.4	6896.8	7191.7
77.5°	245.8	242.7	265.3	305.5	206.0	178.6	229.5	1858.2	5197.4	5249.1
80°	184.4	175.5	196.3	236.5	160.5	130.4	155.6	1083.6	3285.3	2978.0
82.5°	115.4	111.0	128.2	157.8	113.2	89.7	101.2	598.6	1316.6	775.5
85°	65.9	64.1	69.9	90.2	61.5	51.7	57.9	264.4	240.5	165.3
87.5°	26.5	25.6	31.8	40.2	22.5	19.0	20.3	63.7	53.1	49.1
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°
1677.8	0°	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8	1677.8
1684.4	2.5°	1682.7	1682.7	1676.5	1666.7	1655.7	1648.6	1637.1	1634.0	1622.1	1618.5
1699.5	5°	1703.0	1699.5	1680.4	1653.0	1615.5	1581.0	1542.9	1519.1	1485.5	1473.5
1729.1	7.5°	1728.6	1718.9	1686.2	1626.1	1547.4	1470.0	1389.5	1328.5	1270.2	1249.4
1753.4	10°	1752.1	1738.4	1682.7	1577.4	1441.3	1307.3	1179.1	1089.3	1021.3	993.4
1780.4	12.5°	1775.5	1750.3	1659.2	1496.5	1290.5	1108.8	972.2	902.3	860.3	826.7
1802.5	15°	1797.6	1762.2	1623.0	1388.2	1125.2	940.8	840.0	784.3	750.7	728.6
1834.7	17.5°	1823.2	1772.4	1568.6	1250.7	967.8	824.5	742.3	708.7	702.1	699.4
1878.9	20°	1859.1	1781.7	1497.0	1096.9	851.9	731.7	689.2	686.1	685.7	684.4
1932.0	22.5°	1897.5	1792.7	1402.4	957.2	753.3	673.8	666.3	660.1	656.1	655.6
1996.1	25°	1943.1	1796.3	1283.9	842.7	669.3	646.4	637.5	628.2	625.6	625.6
2069.1	27.5°	1987.3	1784.3	1145.9	743.2	622.0	621.2	609.7	606.6	606.1	607.5
2152.2	30°	2031.5	1761.8	1008.9	651.2	594.6	594.6	590.7	592.9	594.6	599.1
2266.2	32.5°	2091.2	1737.9	894.4	583.1	570.8	566.3	570.3	574.7	576.5	582.3
2416.1	35°	2178.7	1721.1	803.3	546.0	546.0	540.3	542.5	541.6	537.6	534.9
2597.4	37.5°	2294.5	1720.2	728.1	528.8	525.2	524.3	524.8	519.0	503.6	485.0
2816.7	40°	2433.8	1744.1	670.2	516.8	514.2	519.5	516.8	501.3	458.9	426.6
3086.3	42.5°	2620.8	1812.2	633.1	502.2	510.2	516.8	506.2	452.7	424.0	402.3
3393.6	45°	2841.0	1922.7	614.1	486.8	502.7	510.6	459.3	435.9	412.9	386.8
3728.7	47.5°	3090.3	2062.0	609.7	472.2	485.9	490.7	439.5	428.8	402.8	374.5
4065.6	50°	3361.8	2226.9	621.6	454.9	461.6	444.8	432.8	423.1	396.1	368.3
4410.9	52.5°	3642.5	2408.6	645.5	431.5	437.2	418.7	430.2	421.8	392.1	354.6
4767.7	55°	3918.4	2591.6	668.5	404.1	412.5	395.2	422.7	416.5	374.0	331.6
5148.3	57.5°	4198.7	2773.8	691.0	379.8	388.6	372.7	410.7	402.3	353.7	310.4
5563.9	60°	4490.0	2950.6	701.6	356.3	362.5	351.9	392.6	378.0	330.7	288.7
5972.4	62.5°	4762.8	3097.8	684.4	332.9	336.9	332.5	368.7	349.3	307.7	264.4
6398.1	65°	5036.5	3185.4	631.3	309.9	310.8	308.6	335.1	318.3	280.7	243.2
6770.8	67.5°	5284.5	3234.4	546.9	285.2	282.9	282.1	303.7	284.7	254.7	221.9
7054.2	70°	5337.1	3109.8	417.8	256.0	256.0	253.8	269.2	249.8	225.9	199.4
6851.3	72.5°	4874.7	2615.9	296.7	222.8	226.4	221.9	234.8	218.4	196.7	179.1
5904.8	75°	3930.8	1918.3	215.7	188.8	195.0	187.5	199.4	187.9	169.3	168.9
4069.1	77.5°	2700.8	1186.2	156.5	155.6	160.0	150.3	164.0	157.8	141.0	133.5
1771.1	80°	1152.6	473.1	114.1	120.3	120.3	111.4	127.3	129.1	114.5	111.0
341.7	82.5°	229.5	134.4	80.0	82.7	77.8	75.2	90.2	99.9	137.9	153.4
103.0	85°	69.0	49.5	48.2	45.1	39.8	40.2	53.1	100.4	123.8	70.7
34.0	87.5°	19.0	12.4	12.8	10.2	8.4	11.1	18.1	76.0	41.6	17.7
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°
1677.8
1624.3
1482.4
1252.0
999.6
837.8
732.6
701.2
688.8
660.5
628.2
611.0
602.1
587.1
541.1
485.4
425.7
401.4
385.1
372.3
365.2
351.9
329.4
309.5
287.4
263.9
240.5
219.3
198.5
173.7
152.1
125.1
111.0
153.9
61.0
15.0
0.0

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