

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: P945560

Luminaire Tested: **GLAN-SB1C-722-U-T2U**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945560
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1C-722-U-T2U
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II U OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6272 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 54.4
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



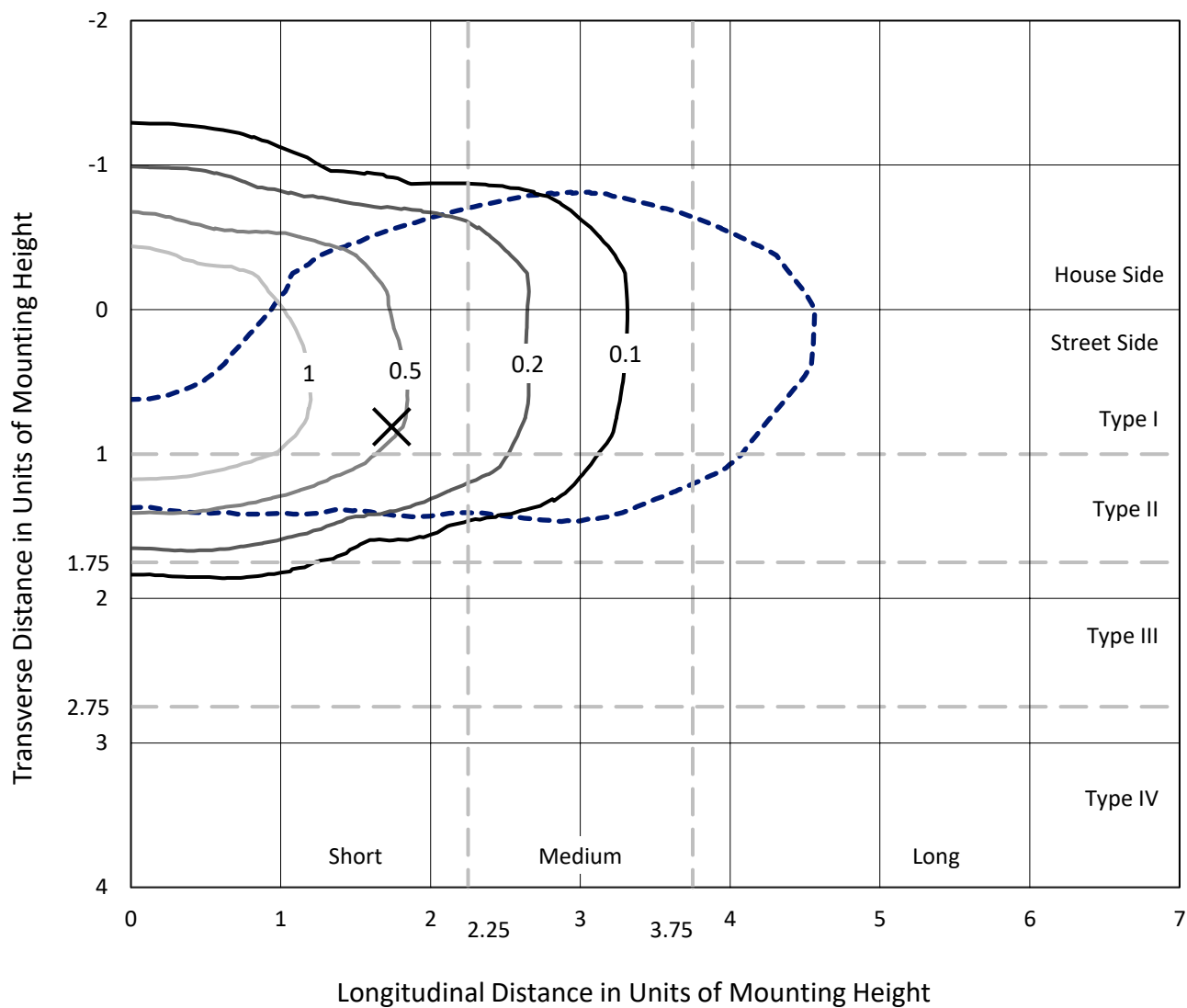
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

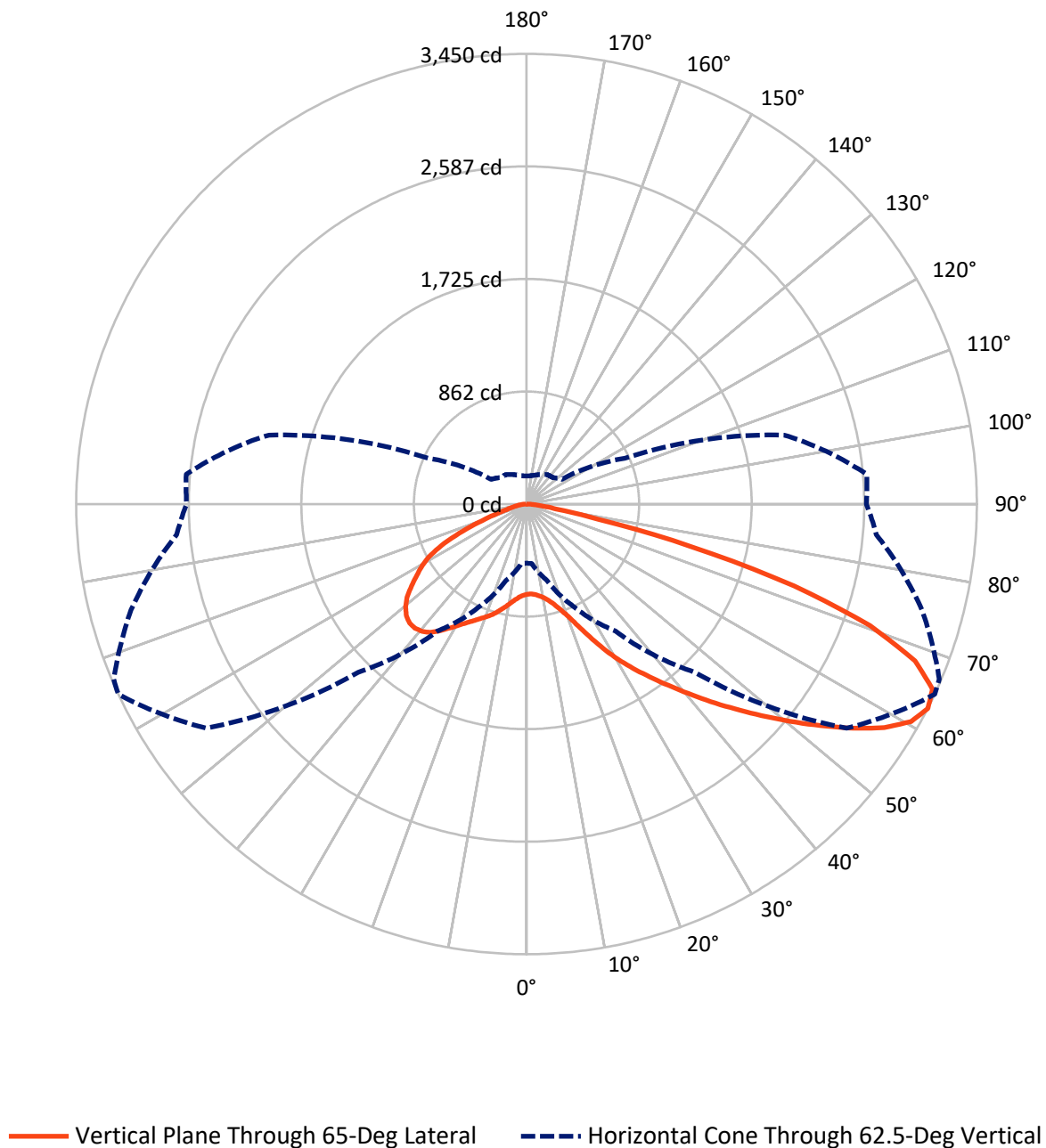


Based on 25 foot mounting height. Maximum calculated value = 1.8 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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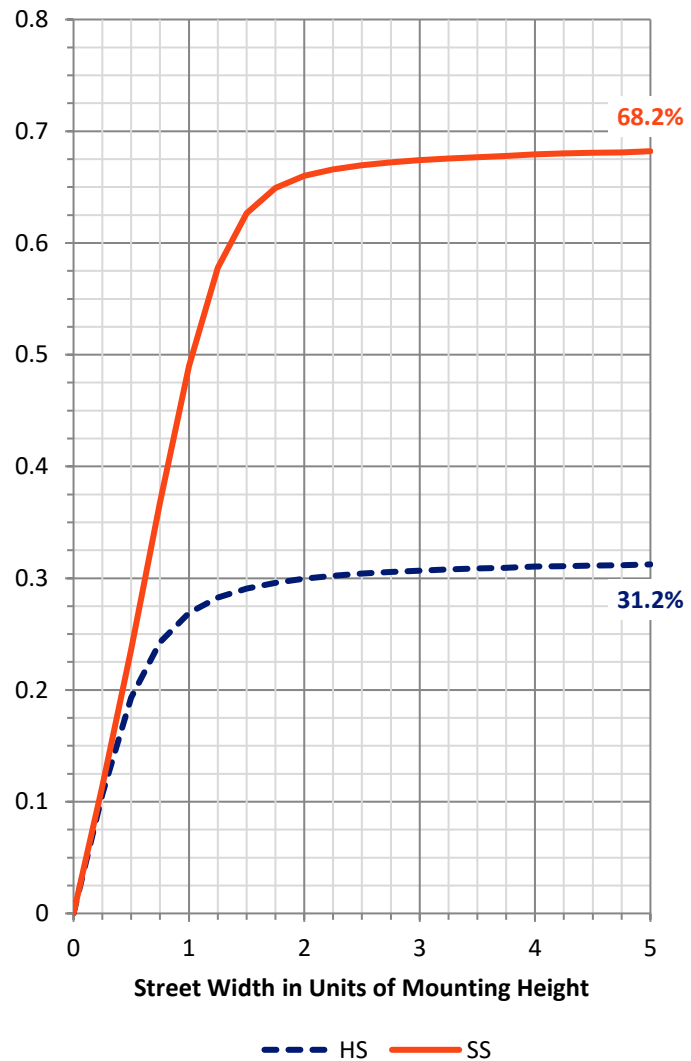
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1979.2	0.0	1979.2
	% Fixture	31.6	0.0	31.6
Street Side	Lumens	4292.8	0.0	4292.8
	% Fixture	68.4	0.0	68.4
Total	Lumens	6272.0	0.0	6272.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.9	1.1
10°-20°	233.7	3.7
20°-30°	473.8	7.6
30°-40°	819.9	13.1
40°-50°	1240.7	19.8
50°-60°	1454.7	23.2
60°-70°	1219.6	19.4
70°-80°	673.3	10.7
80°-90°	87.5	1.4
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°	6272.0	100.0
0°-180°	6272.0	100.0

Coefficient of Utilization



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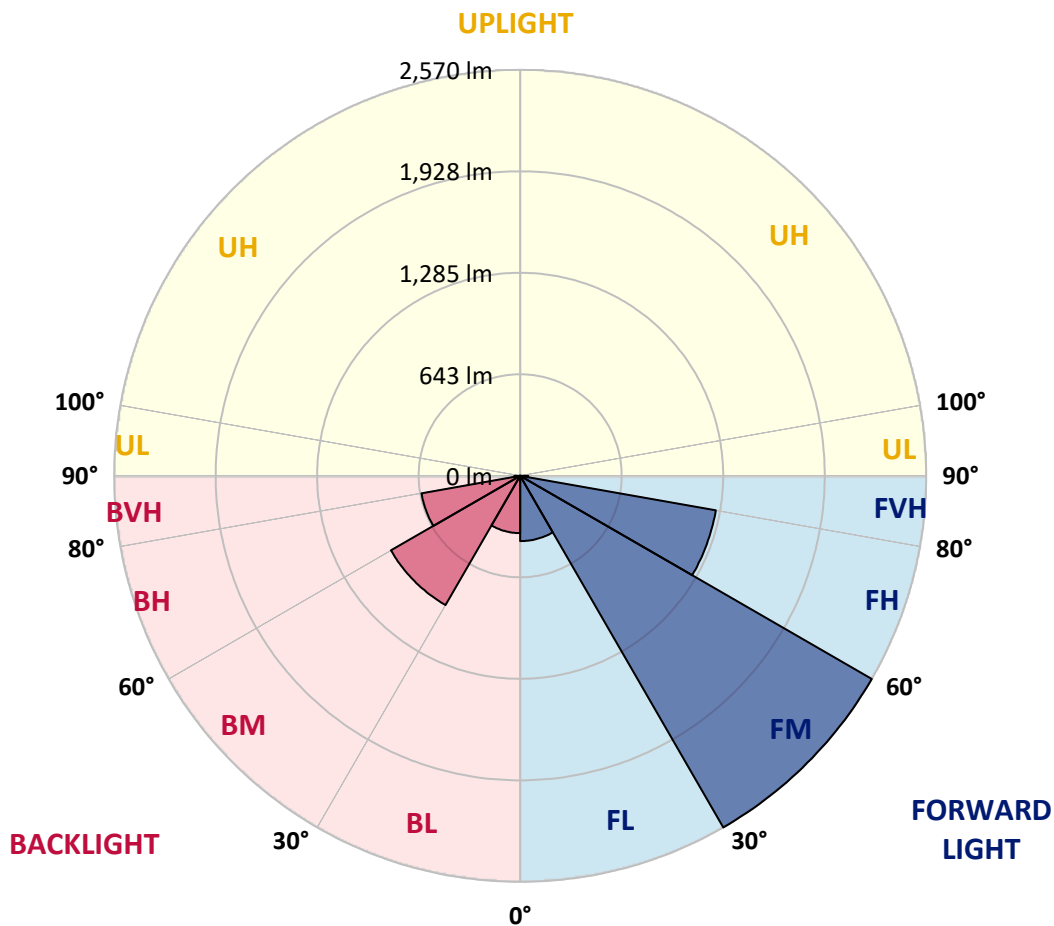
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	413.4	6.6			
FM	(30°-60°)	2570.5	41.0			
FH	(60°-80°)	1258.0	20.1			G1/1800
FVH	(80°-90°)	51.0	0.8			G1/100
BL	(0°-30°)	363.0	5.8	B1/500		
BM	(30°-60°)	944.8	15.1	B1/1000		
BH	(60°-80°)	634.9	10.1	B2/1000		G2/1000
BVH	(80°-90°)	36.5	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-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°
0°	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1
2.5°	686.6	684.6	686.3	686.3	686.9	686.6	688.9	689.5	690.5	692.4
5°	679.8	679.4	682.4	685.0	687.6	689.8	692.8	697.0	697.7	699.9
7.5°	677.5	675.5	680.1	683.3	689.5	695.1	702.9	710.0	712.9	713.9
10°	695.1	691.8	696.0	698.0	703.2	708.7	717.8	729.2	732.5	736.4
12.5°	725.0	721.4	727.6	730.5	735.4	740.3	746.5	757.5	759.2	766.3
15°	766.0	761.8	765.7	769.2	777.4	781.9	788.1	798.9	798.9	804.4
17.5°	821.6	816.1	819.0	820.3	825.5	832.4	842.8	852.2	857.1	855.1
20°	904.6	897.8	897.8	891.3	889.3	894.8	908.5	921.5	926.7	916.6
22.5°	1029.2	1019.5	1013.9	991.8	983.0	983.7	997.3	1013.3	1017.5	999.6
25°	1187.7	1172.4	1164.9	1132.4	1112.5	1095.3	1106.0	1126.5	1132.4	1110.3
27.5°	1346.2	1347.2	1340.0	1300.9	1268.1	1236.5	1231.0	1252.5	1258.6	1233.6
30°	1568.4	1545.3	1531.7	1484.8	1437.9	1393.7	1370.9	1379.7	1381.3	1351.4
32.5°	1760.1	1754.2	1724.9	1683.9	1623.7	1554.4	1516.4	1502.4	1499.8	1457.1
35°	1978.4	1975.2	1944.3	1895.4	1830.4	1734.1	1665.4	1625.4	1622.1	1562.2
37.5°	2200.3	2200.3	2170.1	2116.7	2049.4	1929.0	1824.5	1761.1	1750.6	1672.6
40°	2377.4	2366.6	2372.2	2349.7	2272.6	2144.7	2001.2	1909.1	1895.1	1801.4
42.5°	2477.9	2474.3	2507.5	2532.6	2501.0	2398.8	2195.8	2069.5	2050.0	1943.3
45°	2500.4	2496.5	2555.7	2647.4	2691.7	2649.7	2407.3	2238.4	2214.7	2091.7
47.5°	2448.6	2440.8	2527.7	2672.5	2814.4	2888.2	2636.4	2421.6	2387.1	2236.1
50°	2293.1	2285.6	2417.1	2609.4	2855.7	3050.3	2885.0	2615.9	2563.2	2391.0
52.5°	1955.0	1958.6	2164.6	2428.8	2801.4	3151.2	3099.1	2820.6	2757.1	2549.5
55°	1522.9	1530.7	1783.8	2074.7	2584.0	3135.9	3245.2	3031.4	2968.3	2698.5
57.5°	1090.4	1124.9	1362.1	1650.1	2166.5	2893.4	3277.1	3231.9	3170.7	2861.2
60°	706.8	712.9	957.0	1247.3	1649.8	2462.6	3212.3	3383.8	3336.0	3027.2
62.5°	453.0	457.2	605.9	872.4	1187.4	1821.9	2994.3	3449.9	3435.2	3136.8
65°	332.9	329.6	407.1	576.6	799.8	1123.6	2571.0	3418.0	3447.0	3205.5
67.5°	277.9	273.3	311.4	399.3	589.3	638.1	1902.3	3210.7	3316.8	3197.7
70°	253.2	249.3	272.4	296.4	459.8	427.2	959.0	2791.3	2954.6	3108.9
72.5°	214.4	207.6	239.2	263.2	357.6	327.7	396.3	2144.1	2343.2	2824.1
75°	166.3	161.7	188.7	231.7	268.8	255.8	250.6	1301.9	1519.3	2184.1
77.5°	131.8	125.6	150.3	180.6	241.8	193.0	182.5	560.7	776.1	1394.3
80°	99.2	93.7	114.2	142.9	185.8	145.5	118.1	228.8	292.5	706.4
82.5°	70.6	65.7	79.7	104.8	125.0	130.5	72.6	128.2	144.2	272.4
85°	45.2	42.3	53.4	65.7	79.4	84.0	44.3	67.0	73.5	112.3
87.5°	24.7	20.2	28.6	30.6	36.8	33.5	21.2	24.4	26.4	40.7
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°
691.1	0°	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1	691.1
692.4	2.5°	693.8	694.7	698.0	699.0	701.2	704.2	706.1	708.1	708.1	710.0
702.9	5°	703.2	705.5	712.3	715.9	721.7	727.6	731.2	735.4	738.0	739.3
719.5	7.5°	721.4	725.0	734.8	740.9	751.0	759.2	764.7	770.5	771.8	775.4
742.6	10°	746.1	750.4	761.4	773.1	785.2	795.3	800.5	804.7	806.3	807.0
772.2	12.5°	774.4	780.6	794.9	809.3	822.0	830.7	832.0	831.1	826.5	822.6
808.6	15°	809.3	814.8	830.7	846.4	858.7	860.4	852.2	847.0	841.5	840.5
849.3	17.5°	850.9	853.8	868.5	883.8	884.8	879.2	867.2	862.3	857.1	853.5
902.3	20°	899.4	898.4	908.8	915.3	908.5	891.6	873.4	865.2	860.0	855.8
967.4	22.5°	957.3	949.8	948.5	946.9	928.7	893.2	868.5	858.1	849.9	844.1
1058.2	25°	1041.6	1013.0	993.1	982.1	941.1	884.4	852.9	829.8	814.5	804.4
1169.2	27.5°	1147.0	1098.9	1048.8	1021.8	941.1	866.5	815.1	777.7	752.6	742.2
1276.5	30°	1247.6	1197.1	1123.3	1069.6	938.8	837.3	754.3	702.2	672.9	662.5
1368.3	32.5°	1333.5	1278.5	1202.3	1122.0	933.2	789.7	678.8	621.2	592.9	580.5
1459.1	35°	1413.2	1354.6	1281.7	1179.6	918.6	720.1	595.8	551.9	520.3	500.5
1551.5	37.5°	1494.9	1425.2	1356.9	1231.6	892.2	638.8	532.0	494.6	457.5	430.8
1649.8	40°	1583.7	1500.4	1437.3	1262.5	849.0	561.3	482.6	448.4	409.0	380.7
1763.0	42.5°	1687.5	1590.5	1526.8	1278.5	789.7	506.3	450.4	416.8	379.7	356.6
1884.4	45°	1795.9	1689.8	1608.4	1278.2	723.7	480.6	439.9	406.7	365.7	341.7
2009.0	47.5°	1909.4	1793.6	1679.1	1257.3	666.4	484.2	434.1	384.9	339.7	316.3
2134.9	50°	2023.3	1907.2	1747.4	1218.3	642.0	476.4	412.3	354.4	301.0	279.8
2253.1	52.5°	2136.2	2027.9	1806.3	1162.7	617.3	447.4	384.3	314.7	285.0	270.4
2375.1	55°	2249.8	2147.3	1870.4	1081.6	555.5	413.6	337.4	299.7	272.4	259.0
2494.5	57.5°	2363.7	2285.3	1931.2	1000.6	477.7	371.9	311.7	281.5	259.7	248.3
2594.4	60°	2482.1	2443.1	1994.0	926.1	400.9	318.6	292.9	266.8	244.7	232.0
2690.4	62.5°	2604.2	2616.9	2043.2	830.1	330.3	286.0	275.9	249.3	227.8	215.7
2769.8	65°	2727.2	2784.4	2075.4	697.0	267.8	255.1	257.7	230.1	208.3	197.8
2828.0	67.5°	2819.9	2905.2	2066.3	527.5	219.6	225.8	234.9	209.9	189.4	181.2
2818.6	70°	2830.3	2890.8	1976.5	361.2	183.9	197.2	209.6	190.0	168.9	163.0
2685.8	72.5°	2691.7	2695.6	1726.2	235.9	155.5	173.1	182.9	169.9	149.4	143.5
2349.7	75°	2328.2	2229.3	1267.4	155.5	130.2	148.7	157.8	148.7	128.9	130.2
1758.1	77.5°	1764.0	1578.8	769.6	110.6	108.7	125.0	137.3	130.8	113.9	127.9
884.1	80°	908.8	854.2	343.3	82.7	85.9	99.9	112.9	104.5	90.1	85.9
197.5	82.5°	208.3	242.1	135.4	59.2	62.2	71.9	86.2	78.4	64.8	54.7
82.3	85°	72.9	79.7	59.9	37.1	36.4	44.9	58.6	52.4	43.9	35.1
34.8	87.5°	23.1	30.3	22.5	15.0	15.6	20.2	27.0	24.7	20.5	13.3
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°
691.1
710.0
740.0
774.1
805.4
822.6
840.5
853.8
856.1
846.0
808.3
747.4
668.7
586.7
507.0
438.0
386.2
361.2
345.6
319.5
281.1
270.4
257.7
246.3
231.0
215.4
197.5
181.6
163.4
143.2
125.6
112.6
78.4
54.0
37.1
14.0
0.0

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