

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: P847526

Luminaire Tested: **GLAN-SB3C-930-U-T2**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847526
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3C-930-U-T2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15021 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B3 - U0 - G3

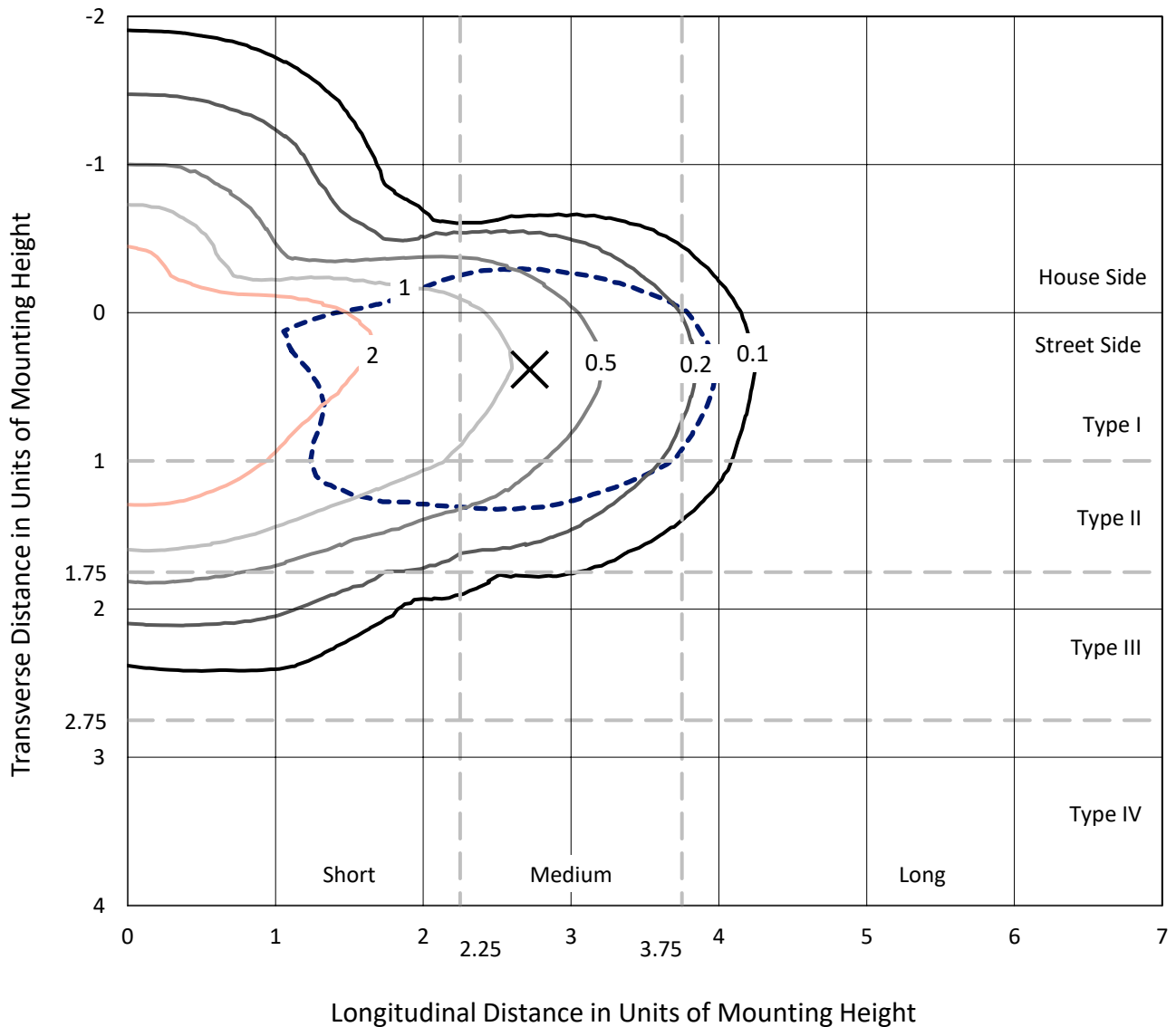
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

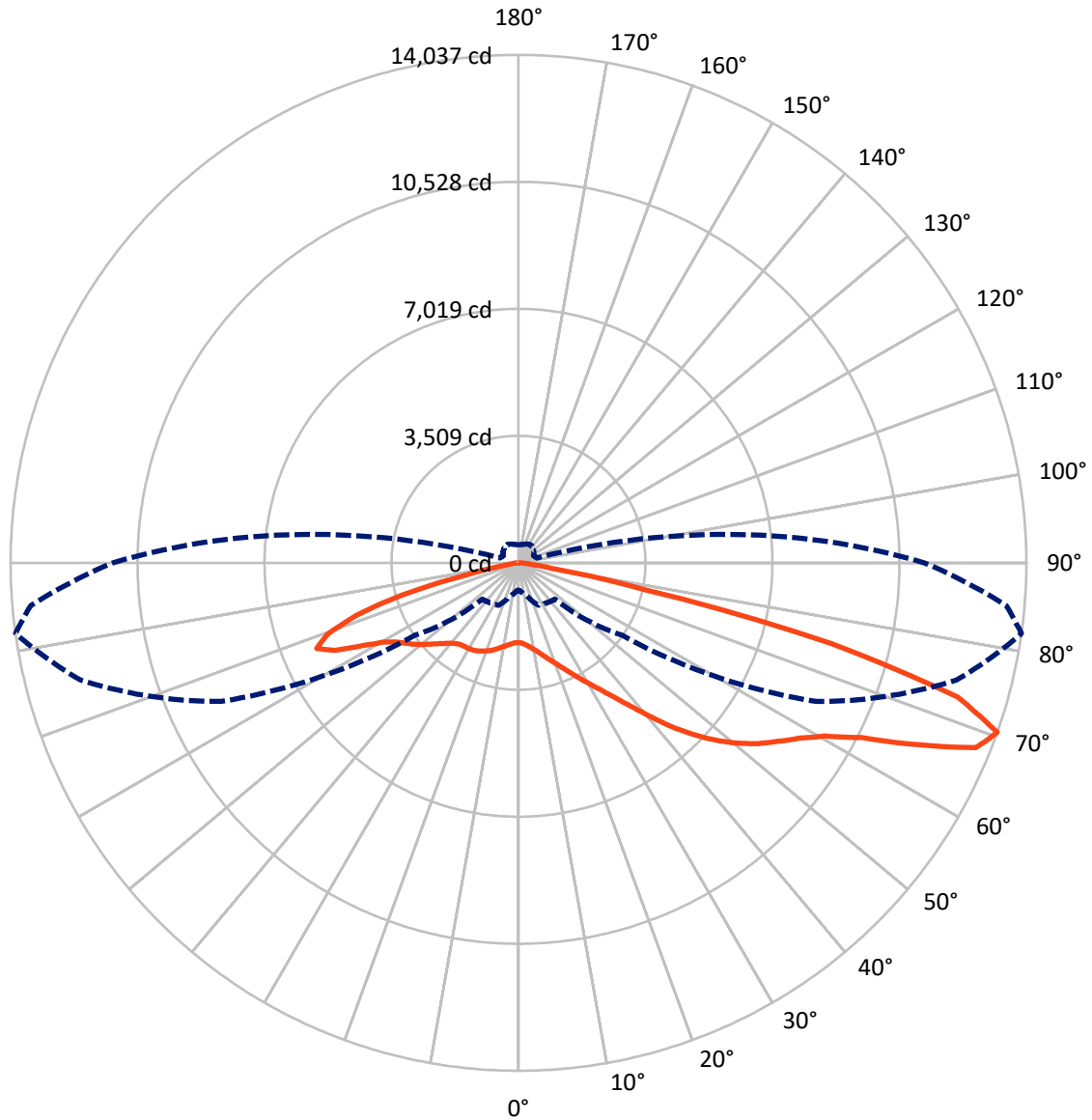
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3703.0	0.0	3703.0
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	11318.0	0.0	11318.0
	% Fixture	75.3	0.0	75.3
Total	Lumens	15021.0	0.0	15021.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.9	1.4
10°-20°	597.4	4.0
20°-30°	999.4	6.7
30°-40°	1561.3	10.4
40°-50°	2486.6	16.6
50°-60°	3460.4	23.0
60°-70°	3619.7	24.1
70°-80°	1891.9	12.6
80°-90°	196.4	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°	15021.0	100.0
0°-180°	15021.0	100.0

Coefficient of Utilization

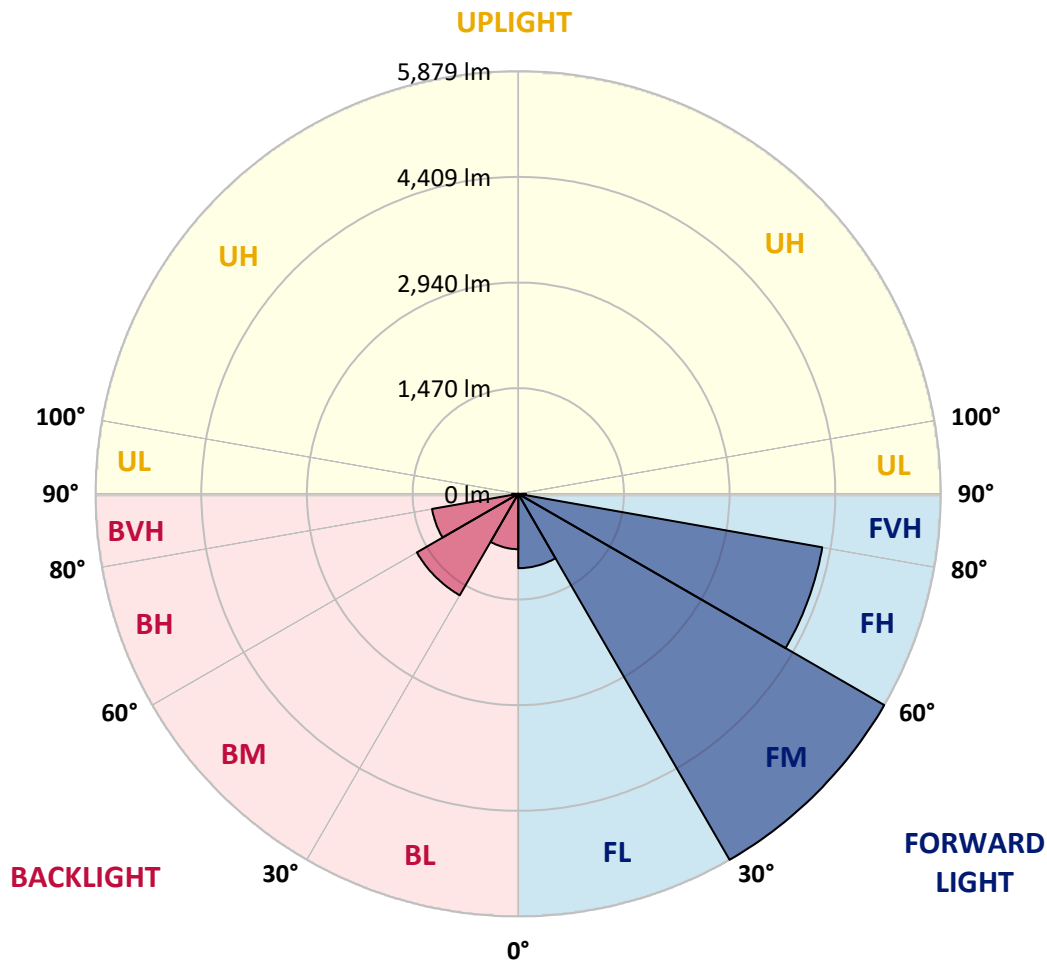


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1034.4	6.9			
FM (30°-60°)	5879.1	39.1			
FH (60°-80°)	4294.6	28.6			G2/5000
FVH (80°-90°)	110.0	0.7			G2/225
BL (0°-30°)	770.4	5.1	B2/1000		
BM (30°-60°)	1629.2	10.8	B2/2500		
BH (60°-80°)	1217.0	8.1	B3/2500		G3/2500
BVH (80°-90°)	86.5	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
 Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3
2.5°	2254.9	2267.6	2263.6	2259.7	2259.7	2254.1	2253.3	2245.3	2238.9	2228.6
5°	2283.6	2297.1	2295.5	2298.7	2309.1	2311.5	2313.9	2309.1	2296.3	2283.6
7.5°	2258.1	2273.2	2278.0	2297.1	2329.0	2357.7	2379.2	2388.0	2376.0	2357.7
10°	2172.0	2188.7	2205.5	2250.9	2307.5	2375.2	2432.6	2466.9	2464.5	2447.0
12.5°	1997.4	2015.0	2050.8	2139.3	2242.9	2362.5	2469.3	2541.0	2565.7	2553.0
15°	1857.9	1873.1	1900.2	1991.0	2125.7	2307.5	2482.8	2622.3	2685.3	2678.1
17.5°	1854.0	1860.3	1877.1	1920.1	2023.7	2221.4	2468.5	2702.0	2822.4	2821.6
20°	1924.1	1926.5	1936.0	1944.8	2003.8	2156.0	2431.8	2768.2	2976.2	2976.2
22.5°	2021.3	2019.7	2029.3	2021.3	2050.0	2150.5	2408.7	2826.4	3147.6	3160.3
25°	2167.2	2159.2	2156.8	2138.5	2144.1	2202.3	2434.2	2892.5	3350.8	3377.1
27.5°	2361.7	2348.9	2340.2	2297.9	2283.6	2309.1	2512.3	2972.2	3577.2	3622.6
30°	2615.1	2592.0	2579.3	2505.9	2454.1	2458.1	2630.3	3078.2	3813.9	3887.2
32.5°	2961.1	2925.2	2890.9	2770.6	2675.7	2644.6	2782.5	3224.9	4070.6	4187.7
35°	3348.4	3319.7	3283.1	3097.4	2951.5	2879.8	2988.2	3429.7	4371.1	4556.8
37.5°	3721.5	3696.7	3714.3	3464.0	3275.9	3171.5	3257.6	3704.7	4741.7	5015.9
40°	4107.2	4088.1	4090.5	3851.4	3632.2	3515.0	3584.4	4049.8	5166.5	5561.9
42.5°	4526.5	4512.1	4464.3	4252.3	4006.0	3896.8	3960.6	4448.4	5622.4	6183.6
45°	4995.9	4987.2	4942.5	4699.4	4417.3	4294.5	4380.6	4888.3	6080.7	6768.6
47.5°	5401.7	5408.8	5403.2	5198.4	4905.9	4725.7	4828.6	5347.5	6507.2	7318.6
50°	5596.9	5634.4	5689.4	5625.6	5443.9	5260.6	5280.5	5790.6	6913.7	7834.3
52.5°	5494.9	5565.8	5715.7	5817.7	5887.9	5849.6	5796.2	6230.6	7296.3	8299.7
55°	5114.7	5214.3	5463.0	5709.3	6067.2	6345.4	6415.5	6718.4	7669.3	8709.4
57.5°	4422.1	4583.9	4807.0	5305.2	5907.8	6585.3	7137.6	7395.1	8064.6	9147.0
60°	3234.5	3451.3	3728.6	4469.9	5349.8	6457.0	7752.2	8434.4	8626.5	9713.7
62.5°	2070.0	2203.9	2458.9	3157.1	4168.6	5799.4	7940.3	9733.7	9579.0	10643.1
65°	1417.2	1503.2	1736.8	2128.9	2694.8	4316.9	7436.5	10707.7	11091.8	12116.1
67.5°	1029.8	1095.2	1294.4	1638.0	1755.9	2554.6	5770.7	10663.0	12562.4	13633.6
70°	750.8	797.1	964.4	1294.4	1351.0	1421.2	3495.9	9064.1	12530.5	14037.0
72.5°	556.3	588.2	700.6	1004.3	1093.6	959.7	1730.4	6587.7	10767.4	12696.3
75°	402.5	426.4	509.3	768.4	875.2	730.9	863.2	3849.8	7510.7	8931.0
77.5°	307.7	326.0	380.2	562.7	700.6	548.4	535.6	1771.1	3561.2	3578.8
80°	247.1	259.0	288.5	396.1	537.2	410.5	349.1	715.0	1125.4	952.5
82.5°	181.7	201.7	243.9	278.2	384.2	283.0	212.8	361.1	428.0	368.2
85°	103.6	117.2	147.5	199.3	245.5	173.0	121.9	160.2	199.3	163.4
87.5°	36.7	47.8	51.8	78.1	106.8	71.7	47.0	46.2	65.4	48.6
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°
2202.3	0°	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3	2202.3
2226.2	2.5°	2218.2	2214.2	2198.3	2176.8	2154.4	2132.9	2125.7	2110.6	2100.2	2094.7
2278.0	5°	2262.8	2250.1	2212.6	2164.8	2114.6	2060.4	2022.1	1987.1	1961.6	1937.6
2348.9	7.5°	2326.6	2304.3	2239.7	2156.0	2066.8	1976.7	1909.7	1858.7	1824.5	1802.1
2431.8	10°	2400.7	2366.5	2267.6	2142.5	2004.6	1875.5	1796.6	1752.7	1731.2	1719.3
2526.7	12.5°	2486.0	2437.4	2296.3	2111.4	1909.7	1762.3	1708.1	1695.3	1696.1	1696.9
2646.2	15°	2591.2	2523.5	2319.4	2043.7	1786.2	1675.4	1665.8	1686.6	1708.1	1718.5
2781.7	17.5°	2710.0	2614.3	2323.4	1932.1	1665.1	1619.6	1649.9	1694.5	1727.2	1741.6
2933.2	20°	2837.5	2706.8	2294.7	1774.2	1565.4	1574.2	1628.4	1685.8	1721.6	1740.0
3106.1	22.5°	2983.4	2805.6	2226.2	1608.5	1484.1	1524.8	1588.5	1644.3	1681.8	1700.1
3309.4	25°	3150.0	2916.4	2118.6	1469.0	1414.0	1469.0	1532.7	1579.0	1609.3	1626.0
3536.5	27.5°	3334.9	3032.0	1975.1	1358.2	1352.6	1411.6	1464.2	1500.1	1516.0	1528.8
3778.0	30°	3520.6	3137.2	1801.3	1274.5	1299.2	1355.0	1392.5	1408.4	1413.2	1415.6
4047.5	32.5°	3721.5	3228.1	1618.8	1205.1	1248.2	1300.0	1322.3	1329.5	1307.2	1292.0
4374.2	35°	3964.6	3325.3	1440.3	1150.2	1198.0	1242.6	1249.8	1243.4	1217.1	1186.0
4783.9	37.5°	4265.0	3446.5	1297.6	1111.1	1150.9	1180.4	1171.7	1170.1	1172.5	1135.8
5276.5	40°	4633.3	3604.3	1193.2	1080.8	1112.7	1119.1	1094.4	1107.9	1119.9	1064.1
5816.9	42.5°	5042.2	3794.8	1127.0	1060.1	1080.8	1065.7	1027.4	1042.5	1041.0	967.6
6359.7	45°	5459.0	4002.0	1103.9	1044.9	1051.3	1021.0	978.8	982.8	949.3	883.1
6880.2	47.5°	5873.5	4224.4	1118.3	1032.2	1014.7	980.4	947.7	930.2	880.7	831.3
7379.1	50°	6280.0	4457.9	1170.9	1006.7	964.4	944.5	920.6	889.5	836.9	794.7
7851.0	52.5°	6657.0	4693.1	1229.9	964.4	901.5	913.4	898.3	862.4	810.6	767.6
8297.4	55°	7014.1	4928.2	1253.0	906.3	842.5	886.3	877.6	811.4	749.2	714.2
8764.4	57.5°	7403.1	5211.2	1227.5	832.1	794.7	855.2	821.8	748.4	712.6	686.3
9372.6	60°	7941.9	5655.1	1172.5	740.5	749.2	809.0	751.6	721.3	682.3	652.8
10284.4	62.5°	8837.0	6483.3	1084.0	649.6	695.8	740.5	718.1	687.9	648.0	619.3
11843.5	65°	10160.1	7634.2	917.4	578.7	636.1	673.5	682.3	652.0	610.5	580.3
13209.6	67.5°	11276.0	8356.3	694.2	519.7	574.7	619.3	644.0	614.5	570.7	541.2
13529.2	70°	11214.6	7831.9	530.0	461.5	520.5	565.9	597.8	574.7	527.7	499.8
12289.0	72.5°	9960.8	6551.8	428.8	402.5	465.5	510.1	548.4	530.8	483.0	455.9
9002.8	75°	7317.8	4650.8	342.7	342.7	396.9	451.9	494.2	483.0	439.2	420.0
3779.6	77.5°	3084.6	1951.2	268.6	284.5	330.0	388.2	440.8	444.8	406.5	430.4
999.5	80°	820.2	538.0	204.8	224.0	259.0	320.4	383.4	381.8	340.3	318.0
371.4	82.5°	312.4	212.0	145.9	157.8	187.3	245.5	303.7	313.2	271.8	235.1
145.9	85°	120.4	90.9	90.1	94.8	109.2	162.6	229.6	237.5	204.8	173.8
40.6	87.5°	31.1	27.1	33.5	31.9	50.2	86.9	131.5	136.3	125.1	72.5
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°
2202.3
2101.0
1947.2
1806.9
1722.4
1698.5
1717.7
1744.8
1744.8
1704.9
1630.8
1533.5
1421.2
1296.8
1187.6
1138.2
1065.7
966.8
885.5
831.3
791.5
768.4
711.0
683.9
651.2
619.3
581.9
542.0
502.1
455.9
414.5
390.6
295.7
235.1
179.3
103.6
0.0

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