

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: P951990

Luminaire Tested: **GLAN-SB6A-722-U-T4W**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P951990
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-722-U-T4W
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV WIDE OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22427 lumens
Efficiency: N/A
Efficacy: 131.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

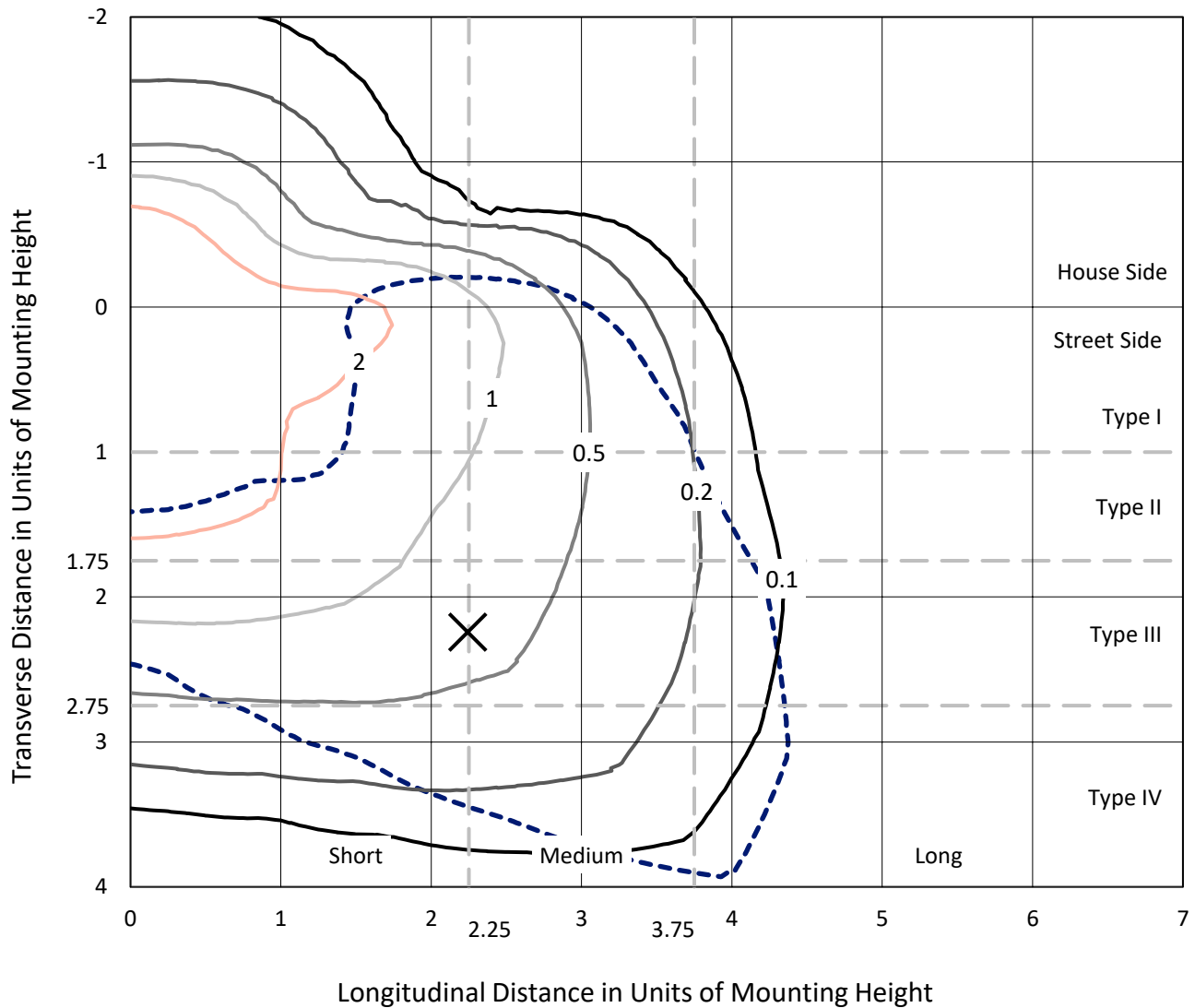
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 --- 1/2 Max cd

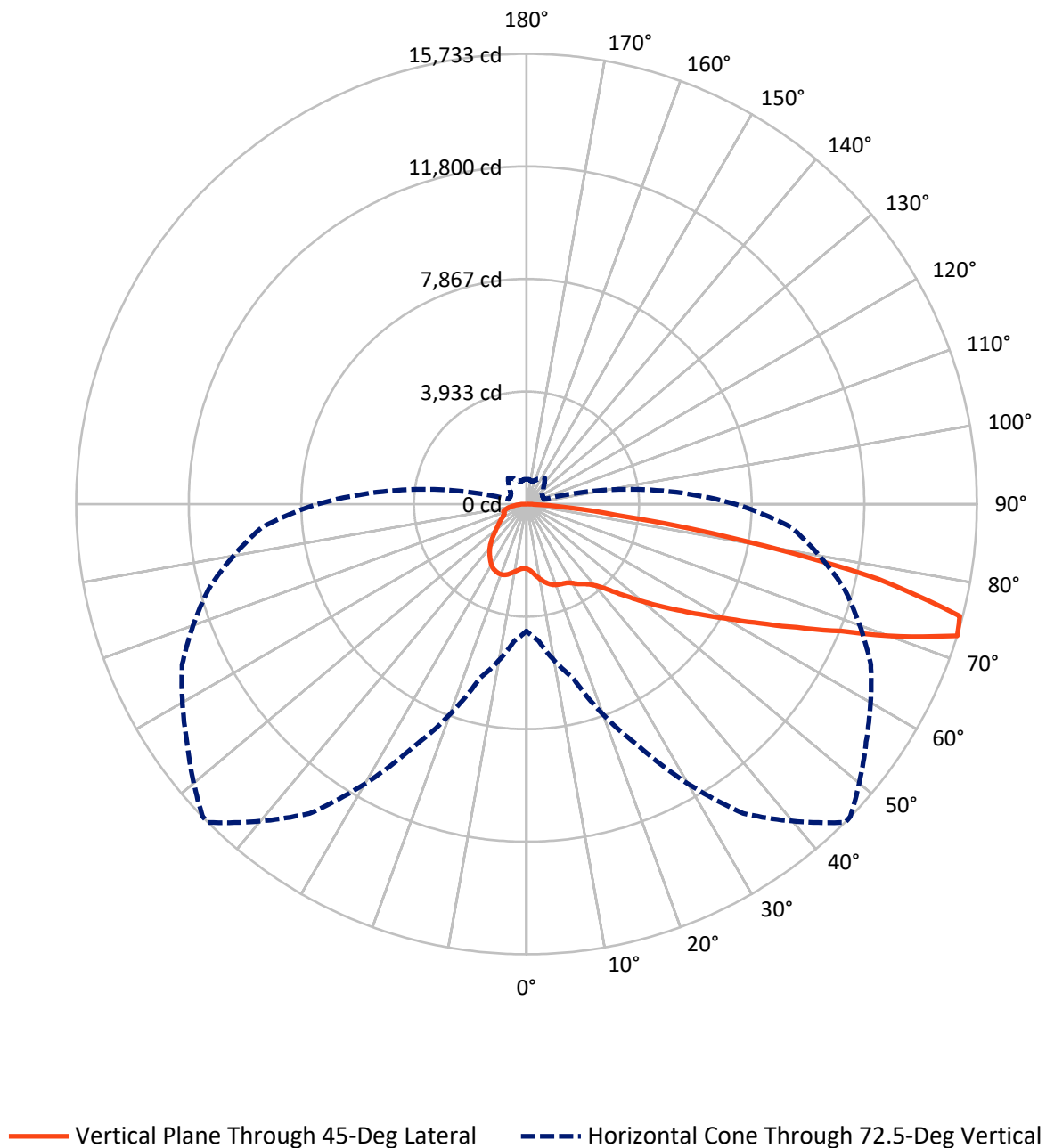


Based on 25 foot mounting height. Maximum calculated value = 4.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5070.0	0.0	5070.0
	% Fixture	22.6	0.0	22.6
Street Side	Lumens	17357.0	0.0	17357.0
	% Fixture	77.4	0.0	77.4
Total	Lumens	22427.0	0.0	22427.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.3	1.0
10°-20°	767.8	3.4
20°-30°	1335.6	6.0
30°-40°	1914.6	8.5
40°-50°	2695.9	12.0
50°-60°	4129.3	18.4
60°-70°	5981.9	26.7
70°-80°	4776.9	21.3
80°-90°	594.9	2.7
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°	22427.0	100.0
0°-180°	22427.0	100.0

Coefficient of Utilization



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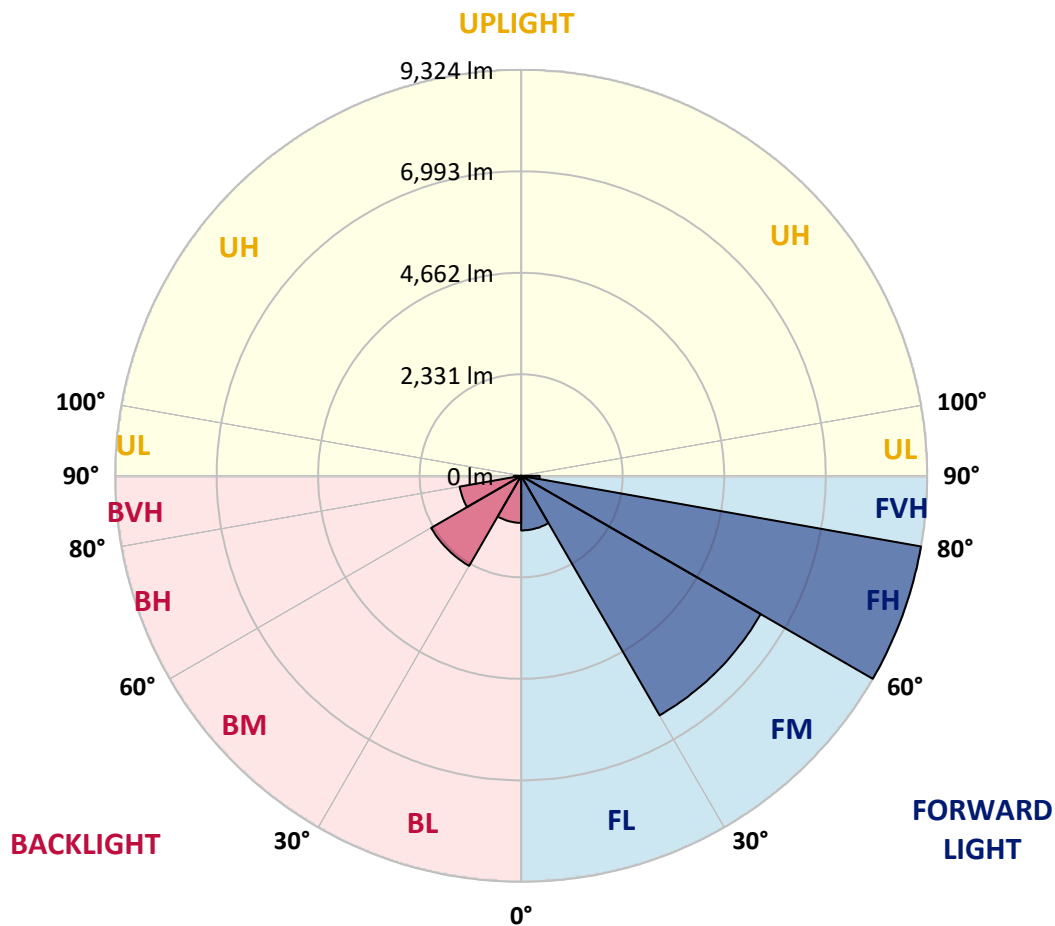
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1254.2	5.6			
FM	(30°-60°)	6352.5	28.3			
FH	(60°-80°)	9323.6	41.6			G4/12000
FVH	(80°-90°)	426.8	1.9			G3/500
BL	(0°-30°)	1079.4	4.8	B3/2500		
BM	(30°-60°)	2387.2	10.6	B2/2500		
BH	(60°-80°)	1435.2	6.4	B3/2500		G3/2500
BVH	(80°-90°)	168.1	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	46°	55°	65°	75°
0°	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4
2.5°	2351.1	2366.4	2352.2	2339.2	2333.3	2318.0	2316.8	2307.3	2301.4	2284.9
5°	2515.3	2535.4	2511.7	2485.7	2462.1	2424.3	2419.6	2392.4	2361.7	2326.2
7.5°	2700.8	2718.5	2691.3	2652.3	2611.0	2548.4	2547.2	2497.6	2449.1	2388.9
10°	2862.6	2886.2	2849.6	2796.5	2744.5	2673.6	2665.3	2608.6	2547.2	2469.2
12.5°	3005.6	3022.1	2986.7	2921.7	2861.4	2790.5	2779.9	2717.3	2648.8	2560.2
15°	3119.0	3140.3	3093.0	3023.3	2959.5	2889.8	2880.3	2823.6	2755.1	2661.8
17.5°	3193.4	3211.1	3162.7	3084.7	3023.3	2965.4	2958.3	2911.1	2850.8	2756.3
20°	3221.8	3240.7	3189.9	3110.7	3054.0	3009.1	3005.6	2971.3	2930.0	2843.7
22.5°	3250.1	3267.8	3201.7	3119.0	3069.4	3041.0	3039.8	3017.4	3000.8	2930.0
25°	3364.7	3369.5	3280.8	3161.5	3090.6	3065.8	3064.6	3063.5	3070.5	3015.0
27.5°	3464.0	3462.8	3387.2	3274.9	3165.1	3113.1	3111.9	3123.7	3146.2	3100.1
30°	3609.3	3596.3	3506.5	3389.5	3289.1	3208.8	3201.7	3191.1	3208.8	3172.2
32.5°	3917.6	3876.3	3731.0	3523.0	3391.9	3330.5	3321.0	3254.9	3261.9	3239.5
35°	4359.5	4305.1	4111.4	3775.9	3519.5	3432.1	3427.3	3343.5	3329.3	3309.2
37.5°	4885.2	4817.9	4592.2	4142.1	3739.2	3550.2	3543.1	3467.5	3409.6	3388.4
40°	5413.3	5328.3	5141.6	4588.7	4063.0	3747.5	3725.1	3610.5	3544.3	3508.9
42.5°	5926.1	5855.2	5695.7	5089.6	4462.3	4035.8	3986.2	3790.0	3740.4	3707.3
45°	6379.7	6316.0	6199.0	5624.8	4930.1	4428.0	4379.6	4059.4	4044.1	4044.1
47.5°	6748.4	6734.2	6610.1	6170.6	5481.9	4874.6	4790.7	4433.9	4475.3	4539.1
50°	7157.1	7118.1	6985.8	6708.2	6130.5	5386.2	5317.6	4893.5	5048.3	5223.1
52.5°	7532.8	7554.1	7406.4	7268.2	6863.0	5956.8	5836.3	5435.8	5770.1	6059.6
55°	7919.2	7920.3	7879.0	7860.1	7630.9	6587.7	6455.4	6087.9	6619.6	6978.7
57.5°	8281.9	8284.2	8345.7	8512.2	8521.7	7315.4	7165.4	6888.9	7563.5	7929.8
60°	8605.6	8622.1	8789.9	9179.7	9305.0	8149.5	8007.8	7835.3	8539.4	8908.0
62.5°	8714.3	8774.5	9147.9	9701.9	10078.8	9172.7	9033.3	8930.5	9564.9	9907.5
65°	8530.0	8668.2	9390.0	10133.2	10875.1	10388.4	10250.1	10137.9	10630.6	10953.1
67.5°	8077.5	8255.9	9375.9	10585.7	11841.5	11851.0	11722.2	11458.7	11773.0	11897.0
70°	6885.4	7152.4	8550.0	10754.6	12950.9	13851.1	13727.1	13048.9	12913.1	12312.9
72.5°	4436.3	4795.4	6295.9	9364.1	13197.8	15733.2	15726.1	14484.4	13273.4	11504.8
75°	1618.6	1838.3	2925.2	5877.6	11078.3	15637.5	15683.5	14238.7	12116.8	8886.8
77.5°	589.5	645.1	954.6	2258.9	6813.3	12546.8	12642.5	11383.1	8624.5	4459.9
80°	309.5	340.3	489.1	876.6	2919.3	7451.3	7601.4	6764.9	4053.5	1343.3
82.5°	171.3	185.5	274.1	476.1	1314.9	3186.3	3276.1	2672.4	1426.0	569.5
85°	92.2	98.1	128.8	259.9	642.7	1104.6	1129.5	798.6	568.3	334.3
87.5°	27.2	33.1	42.5	82.7	251.6	248.1	254.0	158.3	224.5	168.9
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°
2262.4	0°	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4	2262.4
2280.2	2.5°	2273.1	2269.5	2256.5	2250.6	2243.5	2242.4	2248.3	2249.5	2250.6	2251.8
2306.2	5°	2294.3	2282.5	2270.7	2263.6	2266.0	2267.2	2279.0	2287.3	2293.2	2297.9
2354.6	7.5°	2335.7	2326.2	2306.2	2305.0	2308.5	2319.2	2334.5	2353.4	2364.1	2372.3
2417.2	10°	2397.1	2379.4	2355.8	2359.3	2366.4	2381.8	2413.7	2429.0	2446.8	2462.1
2494.0	12.5°	2459.7	2444.4	2417.2	2419.6	2431.4	2458.6	2489.3	2508.2	2520.0	2531.8
2576.7	15°	2541.3	2514.1	2484.6	2484.6	2505.8	2535.4	2549.5	2564.9	2572.0	2585.0
2665.3	17.5°	2625.1	2589.7	2550.7	2548.4	2574.3	2588.5	2596.8	2599.2	2601.5	2615.7
2751.6	20°	2709.0	2670.0	2614.5	2609.8	2615.7	2613.3	2612.2	2609.8	2613.3	2631.1
2840.2	22.5°	2791.7	2746.8	2670.0	2648.8	2632.2	2609.8	2608.6	2607.4	2609.8	2627.5
2935.9	25°	2888.6	2834.3	2731.5	2667.7	2612.2	2581.4	2585.0	2586.2	2588.5	2602.7
3035.1	27.5°	2993.8	2933.5	2788.2	2661.8	2561.4	2540.1	2534.2	2537.7	2546.0	2568.4
3134.3	30°	3098.9	3028.0	2840.2	2638.1	2497.6	2468.0	2449.1	2457.4	2483.4	2505.8
3220.6	32.5°	3194.6	3123.7	2881.5	2586.2	2416.0	2370.0	2345.1	2355.8	2381.8	2390.0
3316.3	35°	3306.8	3226.5	2899.2	2503.5	2327.4	2256.5	2223.5	2208.1	2221.1	2212.8
3428.5	37.5°	3432.1	3348.2	2896.9	2394.8	2223.5	2141.9	2095.9	2038.0	2010.8	1982.4
3593.9	40°	3617.6	3497.0	2868.5	2263.6	2094.7	2020.3	1937.6	1839.5	1778.1	1722.5
3860.9	42.5°	3870.4	3703.8	2816.5	2119.5	1949.4	1879.7	1767.4	1652.8	1555.9	1463.8
4266.2	45°	4247.3	3974.3	2751.6	1965.9	1792.2	1723.7	1602.0	1473.2	1363.4	1245.2
4841.5	47.5°	4790.7	4338.2	2690.1	1791.1	1626.8	1564.2	1454.3	1335.0	1205.1	1090.5
5673.3	50°	5537.4	4860.4	2633.4	1620.9	1463.8	1416.5	1329.1	1207.4	1076.3	984.1
6647.9	52.5°	6487.3	5570.5	2609.8	1456.7	1311.4	1293.7	1224.0	1110.5	986.5	908.5
7784.5	55°	7577.7	6419.9	2609.8	1299.6	1177.9	1183.8	1135.4	1030.2	922.7	853.0
8956.5	57.5°	8690.6	7280.0	2562.5	1154.3	1064.5	1089.3	1058.6	966.4	869.5	797.5
10188.7	60°	9716.1	8000.7	2371.1	1021.9	964.1	1003.0	983.0	903.8	785.7	725.4
11218.9	62.5°	10504.1	8407.1	2002.5	916.8	881.4	926.2	915.6	821.1	770.3	745.5
12064.8	65°	10898.7	8340.9	1531.1	823.5	811.6	881.4	858.9	855.4	815.2	786.8
12340.1	67.5°	10656.5	7771.5	1110.5	754.9	771.5	840.0	926.2	940.4	866.0	810.5
11565.1	70°	9594.4	6741.3	827.0	690.0	720.7	841.2	1056.2	984.1	849.5	784.5
9275.4	72.5°	7298.9	5027.0	641.5	621.4	654.5	847.1	1114.1	964.1	802.2	867.2
5778.4	75°	4174.0	2759.8	515.1	537.6	571.8	791.6	1084.6	912.1	765.6	796.3
2289.6	77.5°	1591.4	1060.9	425.3	454.9	459.6	691.1	1037.3	908.5	728.9	711.2
686.4	80°	551.7	414.7	352.1	361.5	355.6	614.3	994.8	790.4	596.6	534.0
283.5	82.5°	225.7	206.8	278.8	267.0	252.8	477.3	803.4	646.2	487.9	431.2
137.0	85°	98.1	131.1	184.3	161.9	146.5	330.8	643.9	547.0	412.3	355.6
44.9	87.5°	20.1	49.6	78.0	73.2	75.6	220.9	457.2	388.7	291.8	218.6
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°
2262.4
2256.5
2300.3
2374.7
2458.6
2536.5
2589.7
2620.4
2638.1
2639.3
2621.6
2590.9
2530.6
2419.6
2238.8
2000.2
1726.1
1455.5
1231.1
1077.5
978.2
902.6
845.9
785.7
715.9
737.2
777.4
801.0
773.8
860.1
796.3
648.6
516.3
426.5
354.4
171.3
0.0

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