

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: P849095

Luminaire Tested: **GLAN-SB6A-722-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849095
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-722-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15533 lumens
Efficiency: N/A
Efficacy: 90.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

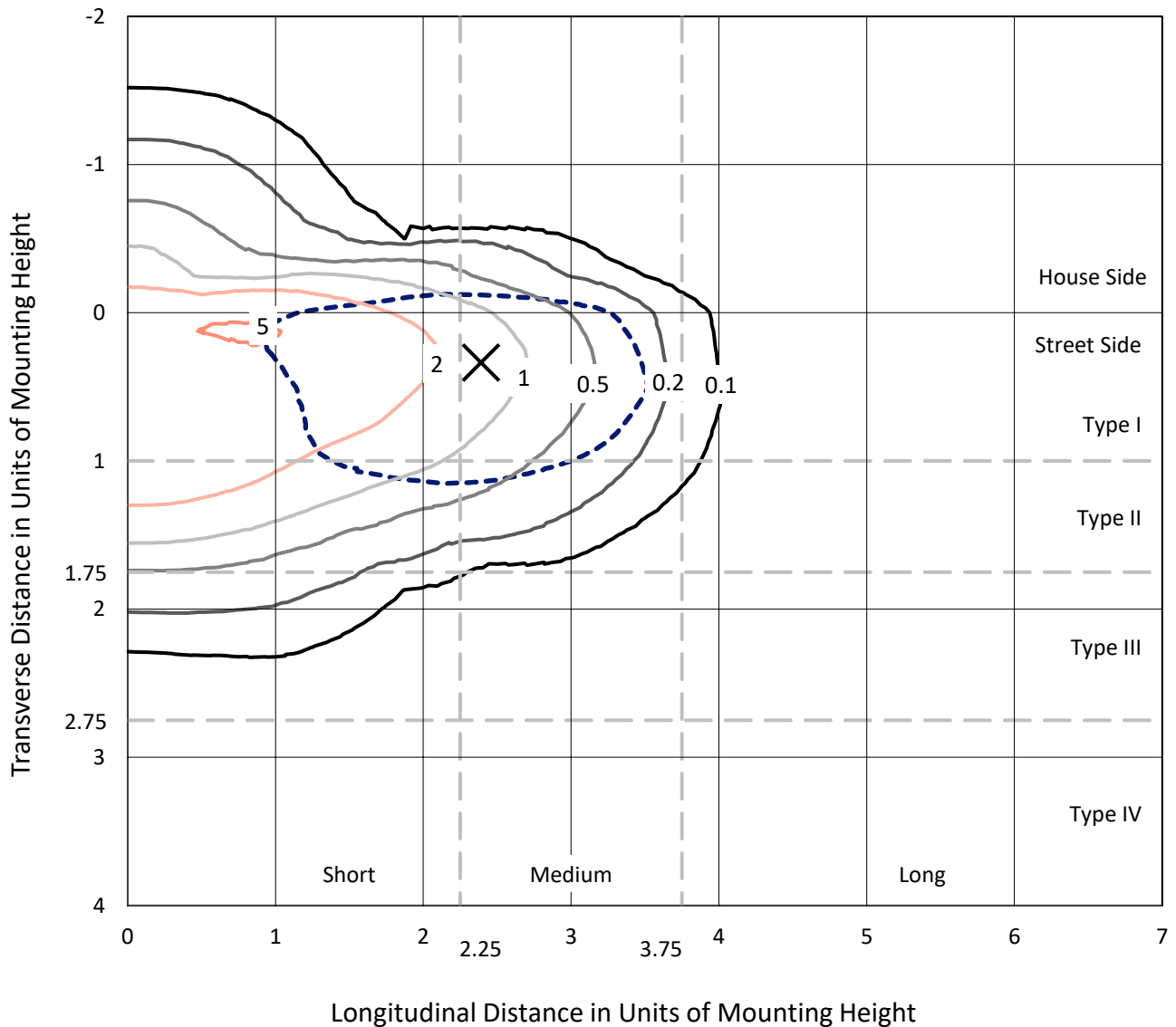
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

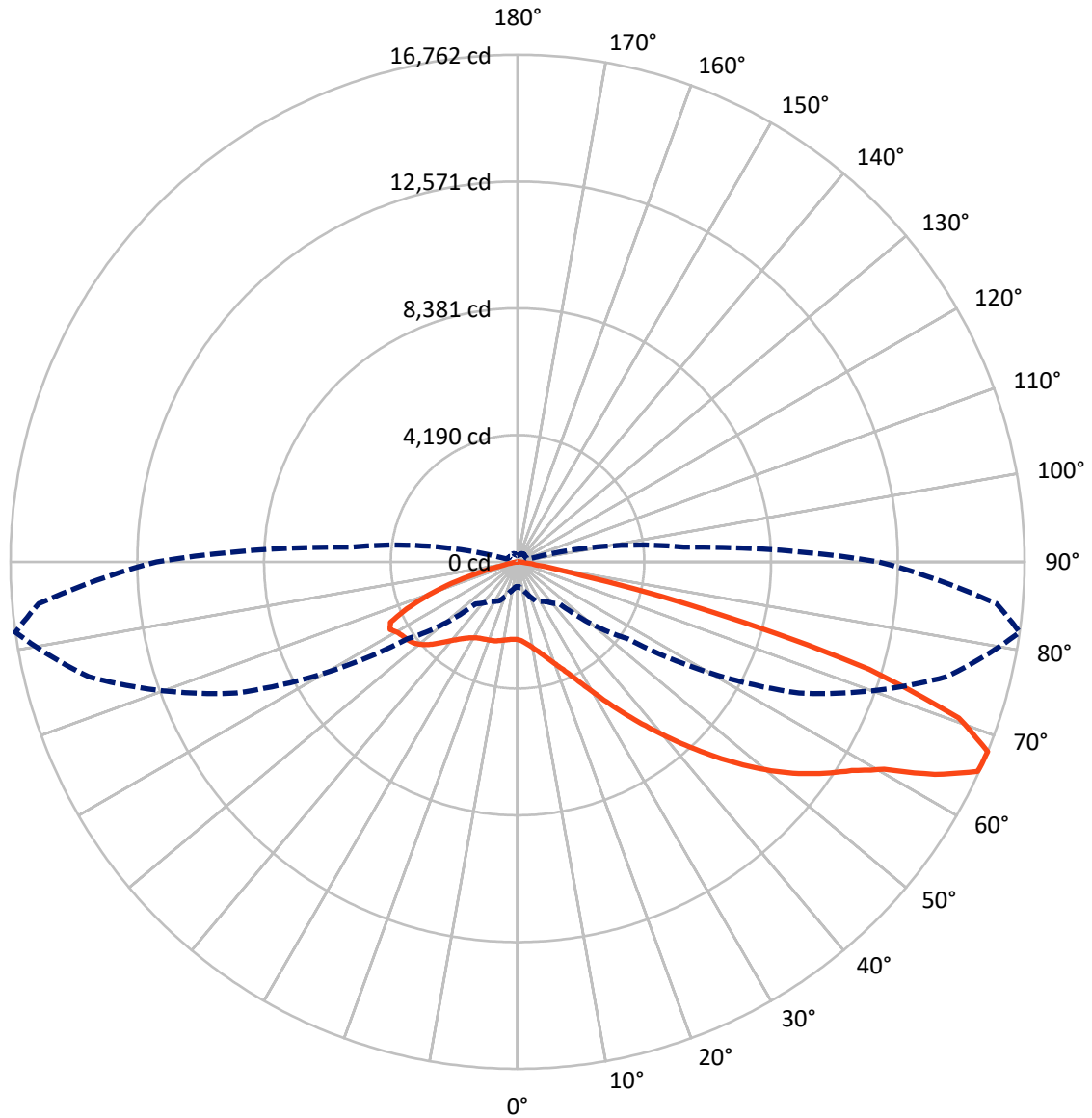
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.4 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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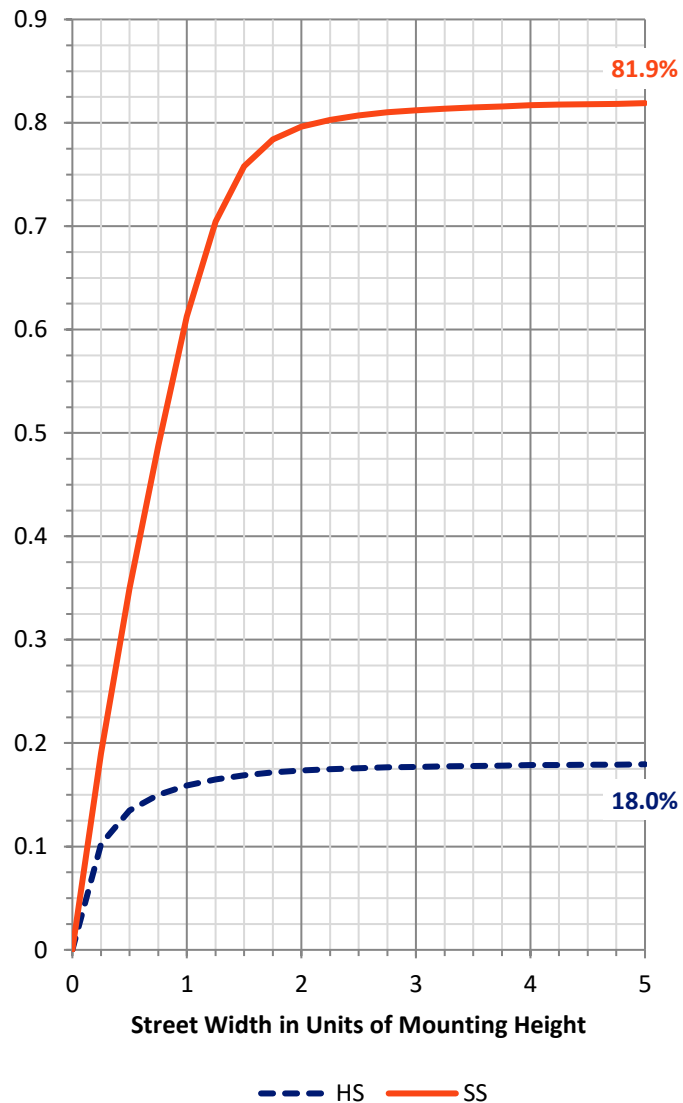
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2813.7	0.0	2813.7
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	12719.3	0.0	12719.3
	% Fixture	81.9	0.0	81.9
Total	Lumens	15533.0	0.0	15533.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.3	1.5
10°-20°	595.8	3.8
20°-30°	954.2	6.1
30°-40°	1687.3	10.9
40°-50°	2956.4	19.0
50°-60°	3943.0	25.4
60°-70°	3670.7	23.6
70°-80°	1408.8	9.1
80°-90°	87.5	0.6
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°	15533.0	100.0
0°-180°	15533.0	100.0

Coefficient of Utilization

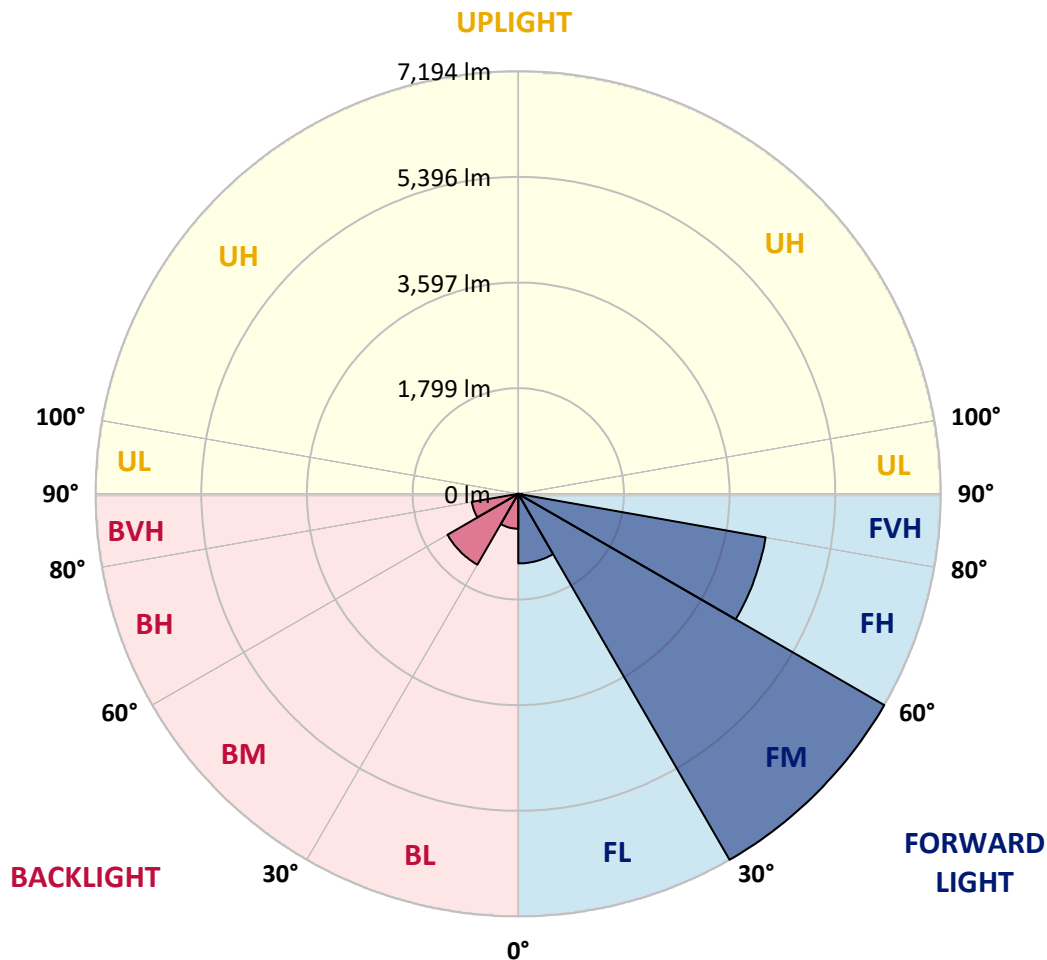


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1185.0	7.6			
FM (30°-60°)	7194.3	46.3			
FH (60°-80°)	4276.5	27.5			G2/5000
FVH (80°-90°)	63.6	0.4			G1/100
BL (0°-30°)	594.2	3.8	B2/1000		
BM (30°-60°)	1392.5	9.0	B2/2500		
BH (60°-80°)	803.1	5.2	B2/1000		G2/1000
BVH (80°-90°)	23.9	0.2			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°	82°
0°	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3
2.5°	2719.8	2735.5	2726.5	2722.0	2714.2	2703.0	2694.1	2666.1	2637.0	2618.0
5°	2774.6	2790.2	2789.1	2793.6	2799.2	2802.6	2800.3	2769.0	2727.6	2695.2
7.5°	2727.6	2745.5	2760.1	2782.4	2821.6	2862.9	2883.1	2876.4	2833.9	2789.1
10°	2594.5	2613.6	2648.2	2700.8	2783.5	2873.0	2947.9	2982.6	2955.8	2906.6
12.5°	2350.7	2369.8	2438.0	2552.0	2690.7	2846.2	2989.3	3082.1	3088.8	3039.6
15°	2076.8	2095.8	2168.5	2311.6	2523.0	2772.4	3011.7	3187.3	3246.5	3204.0
17.5°	1906.8	1923.5	1978.3	2093.5	2313.8	2624.7	3003.9	3299.1	3434.4	3400.9
20°	1855.3	1869.9	1895.6	1976.1	2159.5	2471.5	2952.4	3404.2	3636.8	3617.8
22.5°	1910.1	1923.5	1931.4	1967.2	2082.3	2370.9	2887.5	3511.6	3871.7	3873.9
25°	2036.5	2049.9	2041.0	2063.3	2113.7	2339.6	2862.9	3637.9	4166.9	4191.5
27.5°	2244.5	2245.6	2224.4	2223.3	2231.1	2386.5	2888.7	3773.3	4539.3	4585.2
30°	2661.6	2644.9	2563.2	2474.9	2434.6	2527.4	2960.2	3933.2	4978.8	5060.5
32.5°	3304.7	3280.1	3130.2	2918.9	2706.4	2754.5	3088.8	4115.5	5457.5	5605.1
35°	4002.5	3995.8	3839.2	3525.0	3153.7	3077.7	3298.0	4354.8	5979.7	6214.6
37.5°	4651.2	4647.8	4558.3	4188.2	3736.4	3528.4	3633.5	4667.9	6538.9	6878.9
40°	5243.9	5253.9	5164.5	4833.5	4378.3	4106.5	4089.8	5054.9	7160.7	7602.5
42.5°	5756.1	5767.3	5676.7	5431.8	5012.4	4746.2	4650.0	5529.1	7768.0	8379.7
45°	6103.9	6173.2	6159.8	5964.1	5663.3	5387.0	5323.3	6124.0	8460.2	9203.9
47.5°	6202.3	6266.0	6366.7	6393.5	6210.1	5938.4	6014.4	6840.9	9160.3	10029.2
50°	5959.6	6018.9	6228.0	6506.5	6634.0	6550.1	6686.5	7609.2	9877.1	10852.3
52.5°	5481.0	5541.4	5805.3	6245.9	6765.9	7029.9	7360.9	8366.3	10571.6	11631.8
55°	4788.7	4852.5	5191.3	5690.1	6514.3	7227.8	7923.4	9122.3	11208.0	12333.0
57.5°	3847.1	3894.0	4246.3	4944.2	5881.3	7031.0	8338.3	9947.6	11807.4	13021.9
60°	2507.3	2548.7	2958.0	3736.4	4832.3	6373.4	8421.1	10868.0	12603.7	13917.7
62.5°	1667.4	1695.4	1938.1	2509.5	3403.1	5110.8	7936.8	11602.7	13771.2	15476.7
65°	1144.1	1172.0	1414.7	1812.8	2198.6	3380.7	6544.5	11505.4	14829.1	16714.7
67.5°	816.4	839.9	1045.6	1421.4	1591.4	1963.8	4436.4	10261.9	14677.0	16761.6
70°	584.9	598.3	768.3	1107.2	1264.8	1179.8	2467.1	7848.5	12850.8	15477.8
72.5°	409.3	413.8	533.4	843.2	1018.8	861.1	1174.3	5232.7	9719.5	12148.5
75°	277.3	282.9	359.0	618.4	817.5	657.6	621.8	2805.9	5705.8	6724.6
77.5°	170.0	172.2	231.5	422.7	611.7	501.0	400.4	1188.8	2207.6	2167.3
80°	96.2	96.2	147.6	262.8	417.1	323.2	280.7	505.5	699.0	614.0
82.5°	53.7	54.8	107.4	163.3	276.2	191.2	154.3	233.7	302.0	267.3
85°	22.4	24.6	66.0	77.2	132.0	95.1	62.6	98.4	111.8	99.5
87.5°	2.2	3.4	20.1	14.5	15.7	19.0	8.9	19.0	15.7	15.7
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°
2573.3	0°	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3	2573.3
2611.3	2.5°	2590.1	2573.3	2530.8	2481.6	2416.7	2385.4	2342.9	2313.8	2289.2	2291.5
2676.2	5°	2640.4	2597.9	2502.8	2384.3	2236.7	2131.5	2019.7	1942.6	1879.9	1866.5
2765.6	7.5°	2709.7	2642.6	2476.0	2262.4	2013.0	1824.0	1655.1	1546.7	1469.5	1444.9
2874.1	10°	2799.2	2701.9	2441.3	2109.2	1750.2	1509.8	1328.6	1243.6	1191.0	1173.1
3001.6	12.5°	2903.2	2770.1	2395.5	1922.4	1479.6	1248.1	1132.9	1090.4	1073.6	1068.0
3158.2	15°	3034.0	2855.1	2326.1	1701.0	1250.3	1088.1	1038.9	1033.3	1035.6	1033.3
3346.1	17.5°	3189.5	2947.9	2213.2	1472.8	1096.0	1006.5	988.6	993.1	998.7	997.6
3556.3	20°	3359.5	3039.6	2068.9	1270.4	990.8	948.3	938.3	942.8	947.2	945.0
3799.0	22.5°	3553.0	3138.1	1909.0	1112.7	920.4	894.7	883.5	884.6	884.6	880.1
4106.5	25°	3784.5	3246.5	1741.3	1000.9	866.7	846.6	833.2	828.7	822.0	808.6
4480.1	27.5°	4060.7	3361.7	1580.2	922.6	824.2	805.2	789.5	778.4	761.6	739.2
4928.5	30°	4371.6	3501.5	1443.8	873.4	790.7	771.7	753.8	737.0	712.4	684.4
5444.1	32.5°	4737.3	3651.4	1344.2	841.0	760.5	740.3	719.1	699.0	672.1	644.2
6023.4	35°	5173.4	3832.5	1286.1	818.6	737.0	710.1	686.7	664.3	644.2	619.6
6653.0	37.5°	5646.5	4024.9	1268.2	807.4	721.3	679.9	653.1	637.5	635.2	620.7
7334.1	40°	6164.3	4253.0	1281.6	800.7	704.6	650.9	621.8	618.4	624.0	598.3
8062.1	42.5°	6712.3	4523.7	1304.0	792.9	681.1	621.8	593.8	593.8	589.4	553.6
8831.5	45°	7305.0	4835.7	1326.3	773.9	653.1	592.7	571.5	563.6	544.6	510.0
9605.4	47.5°	7902.2	5153.3	1343.1	739.2	619.6	568.1	549.1	531.2	503.3	471.9
10364.7	50°	8469.2	5438.5	1325.2	687.8	581.5	544.6	524.5	499.9	469.7	448.5
11083.8	52.5°	8975.8	5685.6	1249.2	627.4	541.3	520.0	502.1	476.4	451.8	429.4
11732.5	55°	9416.4	5885.8	1115.0	570.4	505.5	498.8	480.9	448.5	414.9	395.9
12375.5	57.5°	9839.1	6037.9	947.2	523.4	473.1	475.3	448.5	419.4	388.1	367.9
13242.2	60°	10401.6	6241.4	777.2	479.8	438.4	445.1	416.0	394.8	355.6	329.9
14728.5	62.5°	11300.8	6557.9	617.3	426.1	398.1	400.4	388.1	362.3	315.4	285.2
15830.1	65°	12014.3	6441.6	486.5	367.9	352.3	355.6	355.6	327.7	277.3	242.7
15889.3	67.5°	11933.8	5515.6	388.1	310.9	308.7	310.9	318.7	295.2	246.0	218.1
14679.3	70°	10993.2	4387.2	310.9	258.3	268.4	262.8	285.2	269.5	221.4	193.5
11380.2	72.5°	8970.2	3160.4	237.1	213.6	205.8	214.7	257.2	242.7	184.5	153.2
6027.8	75°	5241.6	1686.5	176.7	168.9	148.7	178.9	228.1	206.9	140.9	113.0
1847.5	77.5°	1706.6	588.2	129.7	124.1	110.7	144.3	194.6	174.5	115.2	89.5
541.3	80°	457.4	177.8	88.3	81.6	71.6	107.4	154.3	138.7	82.8	58.2
232.6	82.5°	183.4	74.9	51.4	45.9	39.1	73.8	121.9	111.8	61.5	36.9
72.7	85°	59.3	24.6	19.0	14.5	17.9	45.9	72.7	76.0	43.6	19.0
11.2	87.5°	7.8	3.4	3.4	4.5	3.4	7.8	22.4	21.2	12.3	2.2
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°
2573.3
2269.1
1836.3
1420.3
1159.7
1064.7
1032.2
995.3
943.9
877.9
806.3
737.0
682.2
645.3
617.3
619.6
599.4
553.6
508.8
470.8
445.1
427.2
393.7
365.7
326.6
282.9
239.3
213.6
190.1
149.9
109.6
86.1
57.0
36.9
14.5
0.0
0.0

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