

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: P852823

Luminaire Tested: **GLAN-SB6C-930-U-T4FT**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852823  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6C-930-U-T4FT  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30282 lumens  
Efficiency: N/A  
Efficacy: 100.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

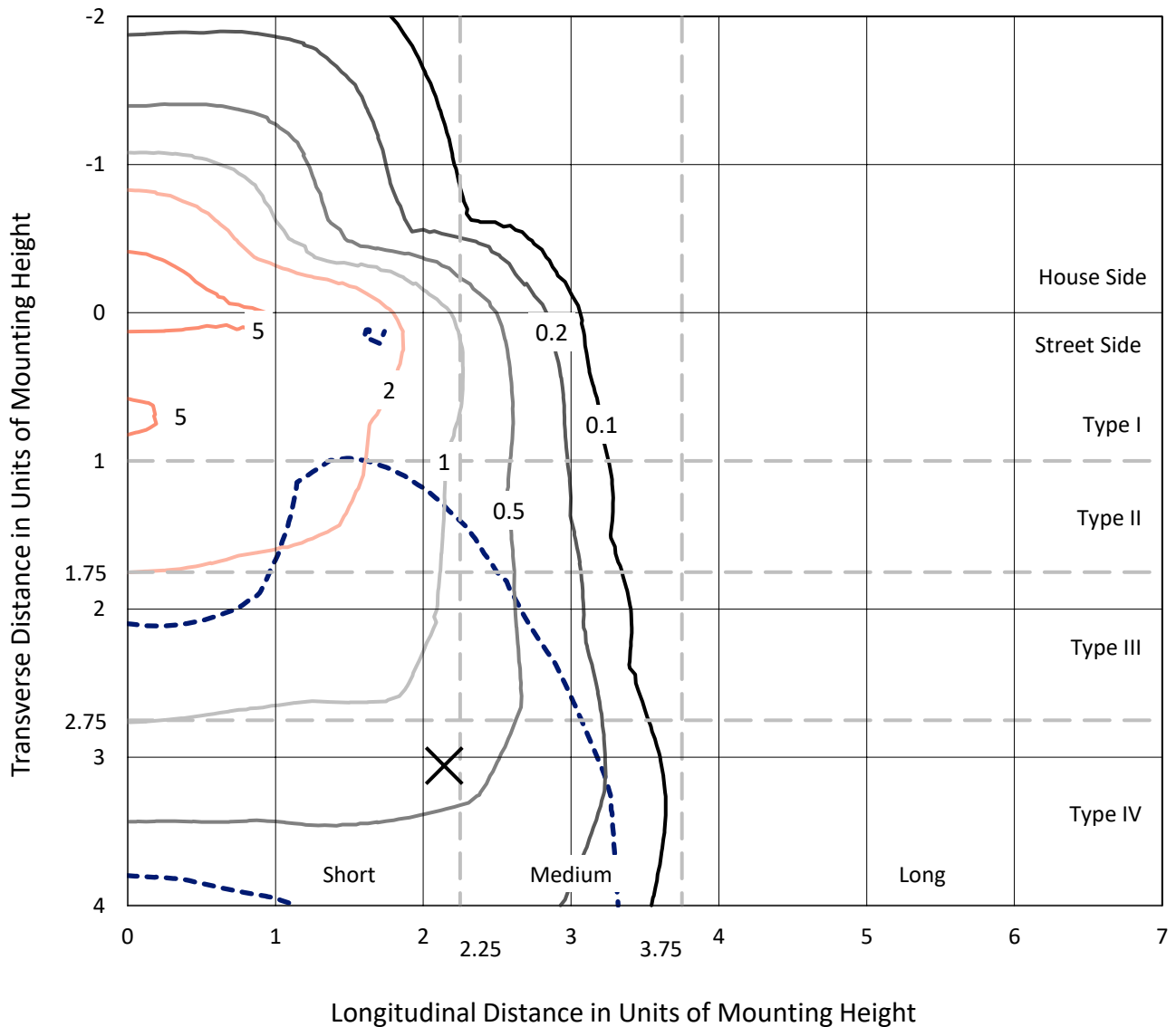
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

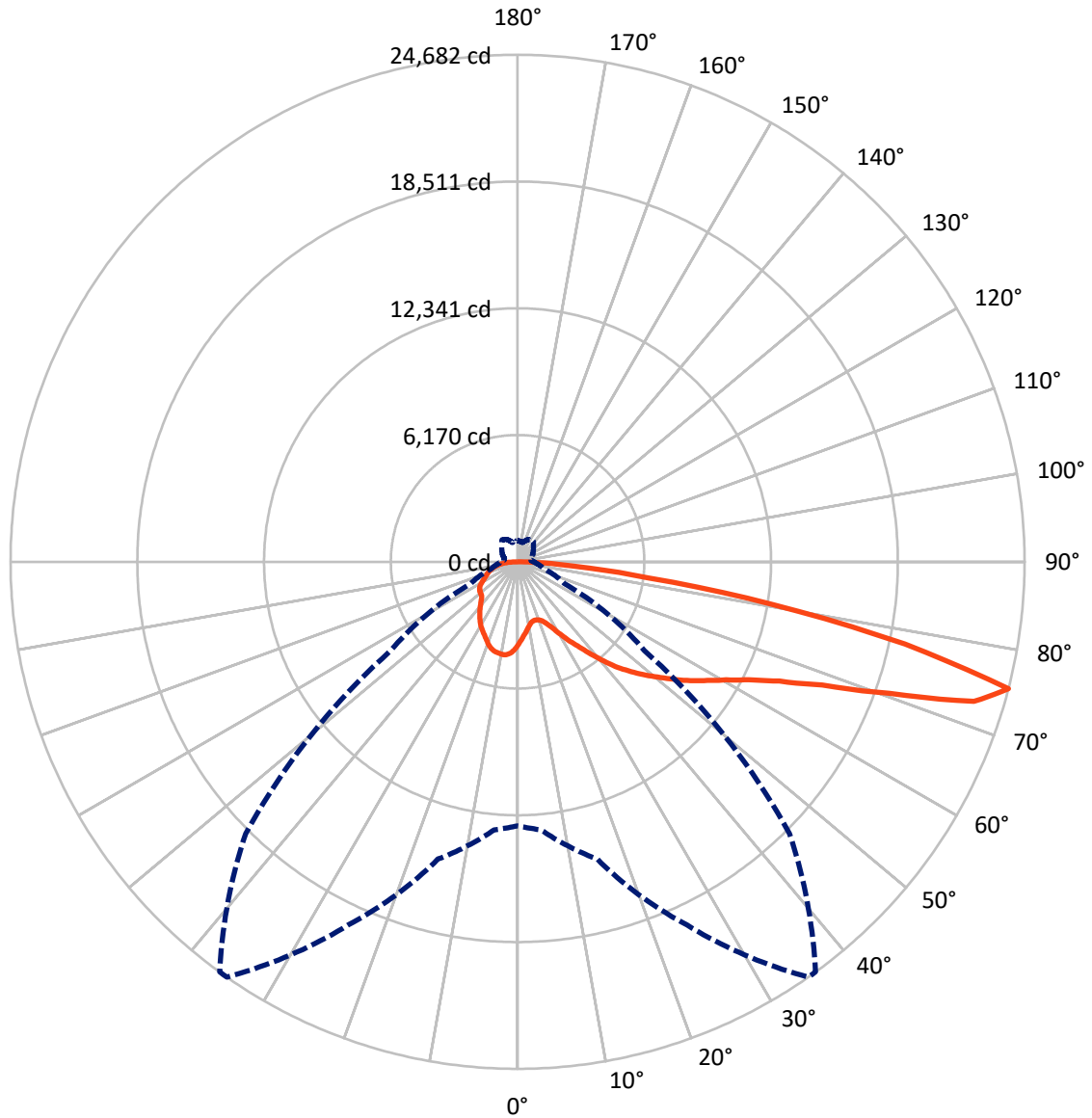
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7206.4	0.0	7206.4
	% Fixture	23.8	0.0	23.8
<b>Street Side</b>	Lumens	23075.7	0.0	23075.7
	% Fixture	76.2	0.0	76.2
<b>Total</b>	Lumens	30282.0	0.0	30282.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	382.1	1.3
10°-20°	1102.0	3.6
20°-30°	1850.6	6.1
30°-40°	2876.1	9.5
40°-50°	4268.9	14.1
50°-60°	5893.4	19.5
60°-70°	7150.1	23.6
70°-80°	5909.0	19.5
80°-90°	849.9	2.8
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°	30282.0	100.0
0°-180°	30282.0	100.0

**Coefficient of Utilization**

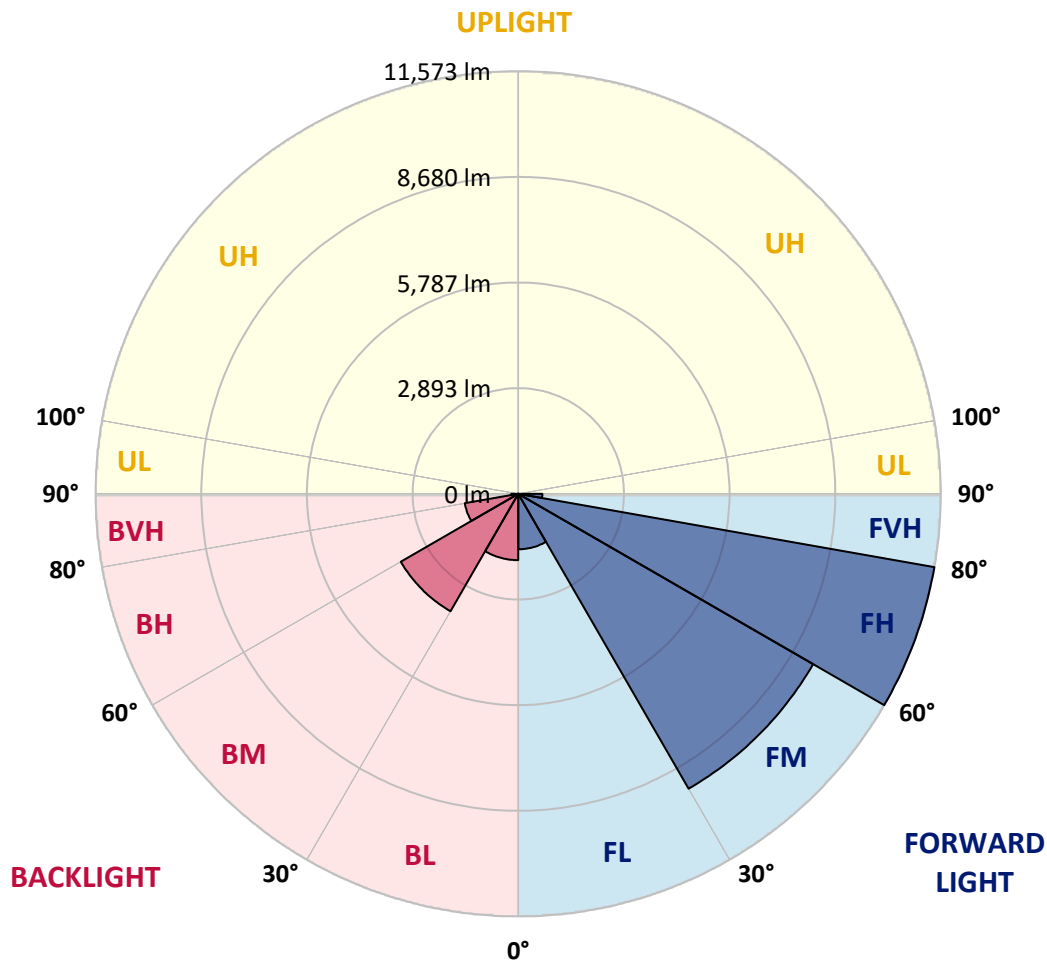


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1518.6	5.0			
FM (30°-60°)	9325.2	30.8			
FH (60°-80°)	11573.3	38.2			G4/12000
FVH (80°-90°)	658.5	2.2			G4/750
BL (0°-30°)	1816.1	6.0	B3/2500		
BM (30°-60°)	3713.2	12.3	B3/5000		
BH (60°-80°)	1485.7	4.9	B3/2500		G3/2500
BVH (80°-90°)	191.4	0.6			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°	36°	45°	55°	65°	75°
0°	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3
2.5°	3721.0	3743.9	3753.7	3748.8	3773.4	3770.1	3804.5	3847.0	3906.0	3963.3
5°	3434.5	3459.0	3480.3	3500.0	3547.4	3562.2	3616.2	3698.1	3806.1	3915.8
7.5°	3167.7	3188.9	3221.7	3257.7	3337.9	3352.6	3442.7	3570.4	3721.0	3881.4
10°	2949.9	2971.2	3005.6	3046.5	3146.4	3164.4	3279.0	3449.2	3645.7	3848.7
12.5°	2856.6	2863.2	2882.8	2923.7	3010.5	3022.0	3148.0	3342.8	3572.0	3824.1
15°	2851.7	2864.8	2866.4	2887.7	2959.8	2964.7	3080.9	3274.1	3526.2	3819.2
17.5°	2900.8	2910.6	2895.9	2909.0	2969.6	2977.8	3069.4	3241.3	3511.4	3840.5
20°	3031.8	3040.0	2995.8	2977.8	3022.0	3028.5	3118.5	3262.6	3526.2	3884.7
22.5°	3310.1	3315.0	3206.9	3133.3	3136.6	3139.8	3218.4	3349.4	3583.5	3964.9
25°	3743.9	3740.6	3568.7	3426.3	3344.5	3326.4	3378.8	3490.2	3680.0	4071.3
27.5°	4251.4	4226.8	4054.9	3842.1	3663.7	3637.5	3626.0	3673.5	3817.6	4212.1
30°	4824.3	4801.4	4616.4	4338.1	4090.9	4048.4	3940.3	3915.8	4022.2	4403.6
32.5°	5453.0	5438.2	5217.2	4880.0	4549.3	4500.2	4318.5	4253.0	4336.5	4693.4
35°	5980.1	5967.0	5783.6	5436.6	5032.2	4971.7	4786.7	4713.0	4755.6	5065.0
37.5°	6456.5	6449.9	6292.7	6019.4	5601.9	5528.3	5320.4	5295.8	5287.6	5554.4
40°	6898.4	6882.1	6718.4	6574.3	6264.9	6197.8	6014.5	5993.2	5931.0	6156.9
42.5°	7387.9	7345.4	7108.0	7040.9	6957.4	6901.7	6792.0	6795.3	6657.8	6836.2
45°	7787.4	7762.8	7518.9	7479.6	7569.6	7546.7	7641.7	7666.2	7399.4	7548.3
47.5°	8216.3	8193.3	7987.1	7959.2	8203.2	8209.7	8545.3	8553.5	8122.9	8288.3
50°	8745.0	8712.3	8507.6	8542.0	8815.4	8840.0	9453.9	9398.2	8789.2	9039.7
52.5°	9093.7	9113.4	9069.2	9124.8	9498.1	9521.0	10347.7	10205.3	9448.9	9781.3
55°	9350.7	9390.0	9527.5	9655.2	10218.3	10241.3	11190.7	10973.0	9995.7	10468.8
57.5°	9681.4	9625.7	9882.8	10131.6	10902.6	10963.2	12010.9	11713.0	10480.3	11061.4
60°	10156.1	10116.9	10316.6	10684.9	11668.8	11765.3	12878.5	12379.2	10835.5	11531.2
62.5°	11118.7	11020.5	11051.6	11377.4	12634.6	12762.3	13857.5	12960.4	11012.3	11714.6
65°	12557.7	12389.1	12231.9	12457.8	13995.0	14121.0	14962.5	13417.1	10946.8	11359.4
67.5°	14369.9	14202.9	14009.7	14222.5	15998.7	16098.6	16326.1	13674.1	10431.2	9990.8
70°	15864.5	15802.3	16033.1	16908.9	19199.1	19202.4	18074.5	13461.3	9018.4	7083.4
72.5°	15666.4	15628.7	16845.0	19552.7	23232.7	23146.0	19729.5	11850.5	6075.0	3195.5
75°	12852.3	13096.2	14980.5	19505.2	24681.5	24670.1	18716.2	7533.6	2512.8	1324.4
77.5°	6891.9	7278.2	9725.6	14401.0	19267.9	19557.6	13158.5	2635.6	1078.8	848.0
80°	2247.6	2584.9	3876.5	7332.3	12520.0	12466.0	5639.6	1034.6	738.3	600.8
82.5°	954.4	993.7	1732.0	3462.3	6425.3	6325.5	1795.8	594.2	518.9	410.9
85°	373.2	417.4	764.5	1601.0	2783.0	2722.4	648.3	294.7	332.3	268.5
87.5°	122.8	149.0	273.4	548.4	866.0	834.9	158.8	101.5	144.1	122.8
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°
4035.3	0°	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3	4035.3
4046.7	2.5°	4069.7	4095.9	4127.0	4172.8	4212.1	4244.8	4279.2	4300.5	4308.7	4333.2
4053.3	5°	4099.1	4156.4	4233.4	4308.7	4382.3	4426.5	4465.8	4485.5	4503.5	4516.6
4071.3	7.5°	4148.2	4221.9	4343.0	4441.3	4503.5	4539.5	4565.7	4559.1	4565.7	4569.0
4090.9	10°	4190.8	4293.9	4438.0	4531.3	4578.8	4580.4	4573.9	4550.9	4539.5	4541.1
4120.4	12.5°	4241.5	4356.1	4511.7	4590.2	4603.3	4567.3	4539.5	4500.2	4485.5	4478.9
4164.6	15°	4310.3	4441.3	4591.9	4621.3	4588.6	4542.8	4495.3	4431.4	4398.7	4372.5
4239.9	17.5°	4393.8	4537.8	4654.1	4632.8	4562.4	4487.1	4410.2	4313.6	4246.5	4218.6
4343.0	20°	4510.0	4639.3	4701.6	4608.2	4501.8	4387.2	4256.3	4138.4	4076.2	4048.4
4474.0	22.5°	4650.8	4775.2	4747.4	4565.7	4415.1	4231.7	4068.0	3981.3	3950.2	3930.5
4642.6	25°	4819.4	4925.8	4780.1	4503.5	4272.7	4025.5	3899.4	3871.6	3856.8	3842.1
4848.9	27.5°	5038.8	5096.1	4804.7	4411.8	4050.0	3806.1	3760.3	3765.2	3760.3	3735.7
5135.4	30°	5328.5	5317.1	4827.6	4262.8	3794.6	3608.0	3611.3	3632.6	3635.8	3619.5
5534.8	32.5°	5710.0	5593.7	4839.1	4069.7	3550.7	3434.5	3437.8	3460.7	3477.1	3449.2
6057.0	35°	6171.6	5916.2	4821.1	3827.4	3362.5	3269.2	3244.6	3251.1	3256.1	3229.9
6690.5	37.5°	6710.2	6278.0	4740.8	3558.9	3206.9	3107.1	3054.7	3010.5	2984.3	2959.8
7407.6	40°	7301.2	6672.5	4593.5	3297.0	3033.4	2935.2	2856.6	2773.1	2684.7	2652.0
8167.1	42.5°	7920.0	7078.5	4415.1	3046.5	2833.7	2753.5	2670.0	2548.9	2416.3	2349.1
8956.2	45°	8561.7	7494.3	4239.9	2799.3	2629.1	2594.7	2498.1	2352.4	2208.4	2123.2
9746.9	47.5°	9190.3	7887.2	3982.9	2550.5	2437.5	2475.2	2399.9	2265.7	2105.2	1971.0
10531.0	50°	9791.1	8255.5	3562.2	2298.4	2282.0	2439.2	2367.1	2174.0	1990.6	1818.7
11300.4	52.5°	10387.0	8553.5	3023.6	2069.2	2198.5	2429.4	2324.6	2111.8	1887.5	1707.4
12024.0	55°	10892.8	8707.4	2504.7	1872.8	2077.4	2345.9	2273.8	2038.1	1741.8	1550.3
12520.0	57.5°	11180.9	8583.0	2072.5	1679.6	1910.4	2208.4	2187.1	1880.9	1568.3	1420.9
12616.6	60°	11056.5	8078.7	1718.9	1511.0	1751.6	2059.4	2036.5	1725.4	1435.7	1296.5
12099.3	62.5°	10370.6	7117.8	1439.0	1363.6	1607.6	1907.1	1885.9	1605.9	1334.2	1199.9
10725.8	65°	8988.9	5790.2	1221.2	1240.9	1461.9	1723.8	1754.9	1506.1	1254.0	1123.0
8298.1	67.5°	6855.9	4194.1	1051.0	1134.5	1319.4	1543.7	1633.8	1434.0	1186.8	1062.4
4801.4	70°	3907.6	2381.9	906.9	1031.3	1193.4	1376.7	1540.4	1376.7	1114.8	1011.7
1799.1	72.5°	1481.5	1093.5	784.1	928.2	1072.3	1236.0	1437.3	1286.7	1031.3	954.4
929.8	75°	790.7	666.3	659.7	807.1	933.1	1098.4	1308.0	1198.3	969.1	1008.4
643.4	77.5°	538.6	471.5	551.7	690.8	780.9	946.2	1170.5	1064.1	839.8	836.5
445.3	80°	373.2	334.0	448.5	556.6	604.1	795.6	1021.5	913.5	684.3	638.4
275.0	82.5°	224.3	217.7	335.6	415.8	427.3	613.9	846.3	766.1	559.9	487.8
163.7	85°	122.8	129.3	214.5	243.9	248.8	428.9	663.0	592.6	430.5	361.8
58.9	87.5°	34.4	44.2	78.6	96.6	119.5	222.6	394.5	352.0	216.1	150.6
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°
4035.3
4331.6
4519.8
4573.9
4544.4
4475.6
4380.7
4220.3
4045.1
3933.8
3842.1
3740.6
3627.7
3462.3
3247.9
2976.1
2666.7
2357.3
2116.7
1956.3
1804.0
1687.8
1533.9
1401.3
1276.9
1178.7
1101.7
1042.8
998.6
941.3
1041.2
771.0
610.6
491.1
365.1
150.6
0.0

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