

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: P941097

Luminaire Tested: **GLAN-SB4C-722-U-T3**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P941097  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB4C-722-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

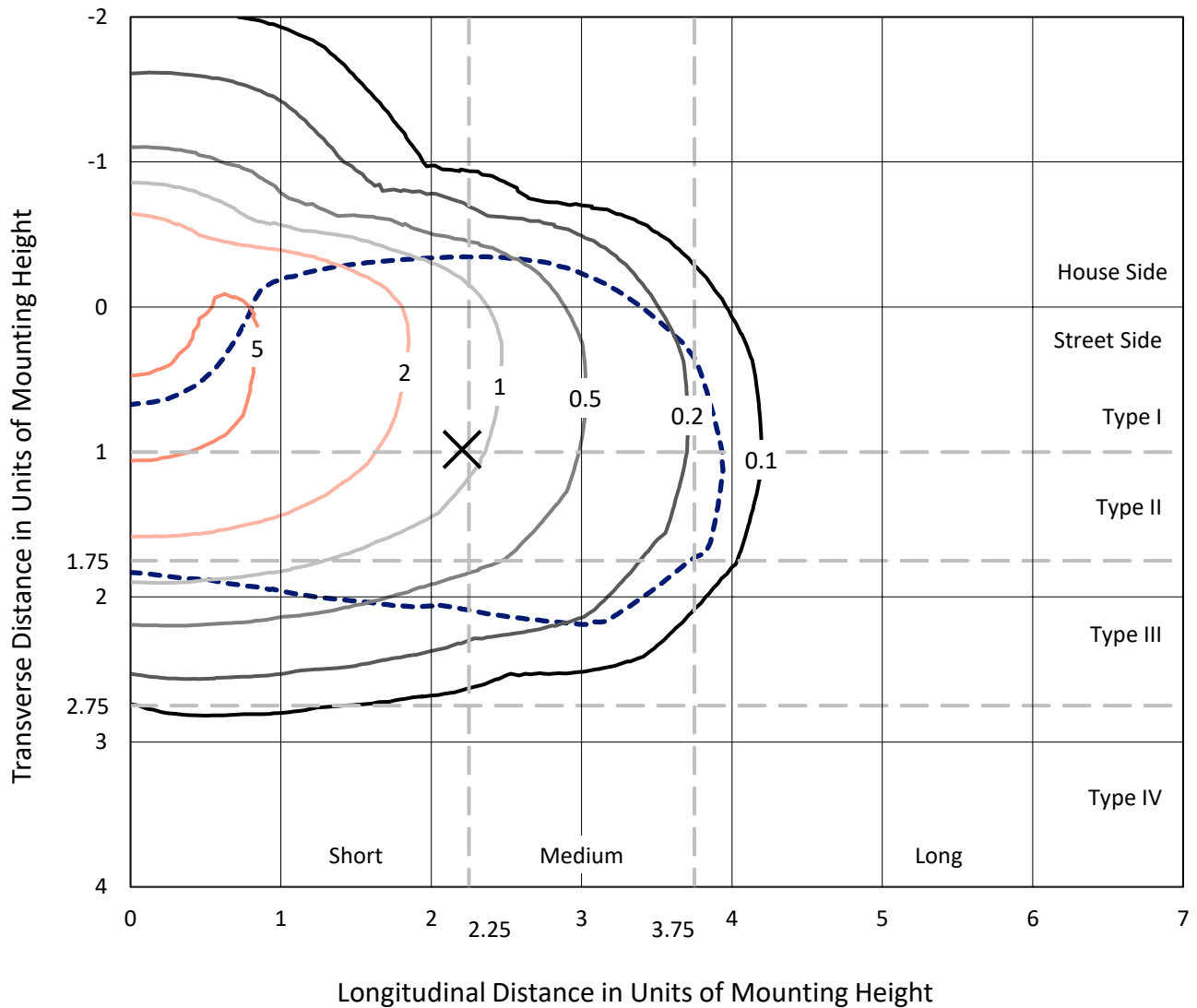
Lumens per Lamp: N/A  
Luminaire Lumens: 24811 lumens  
Efficiency: N/A  
Efficacy: 123.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 200.7  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

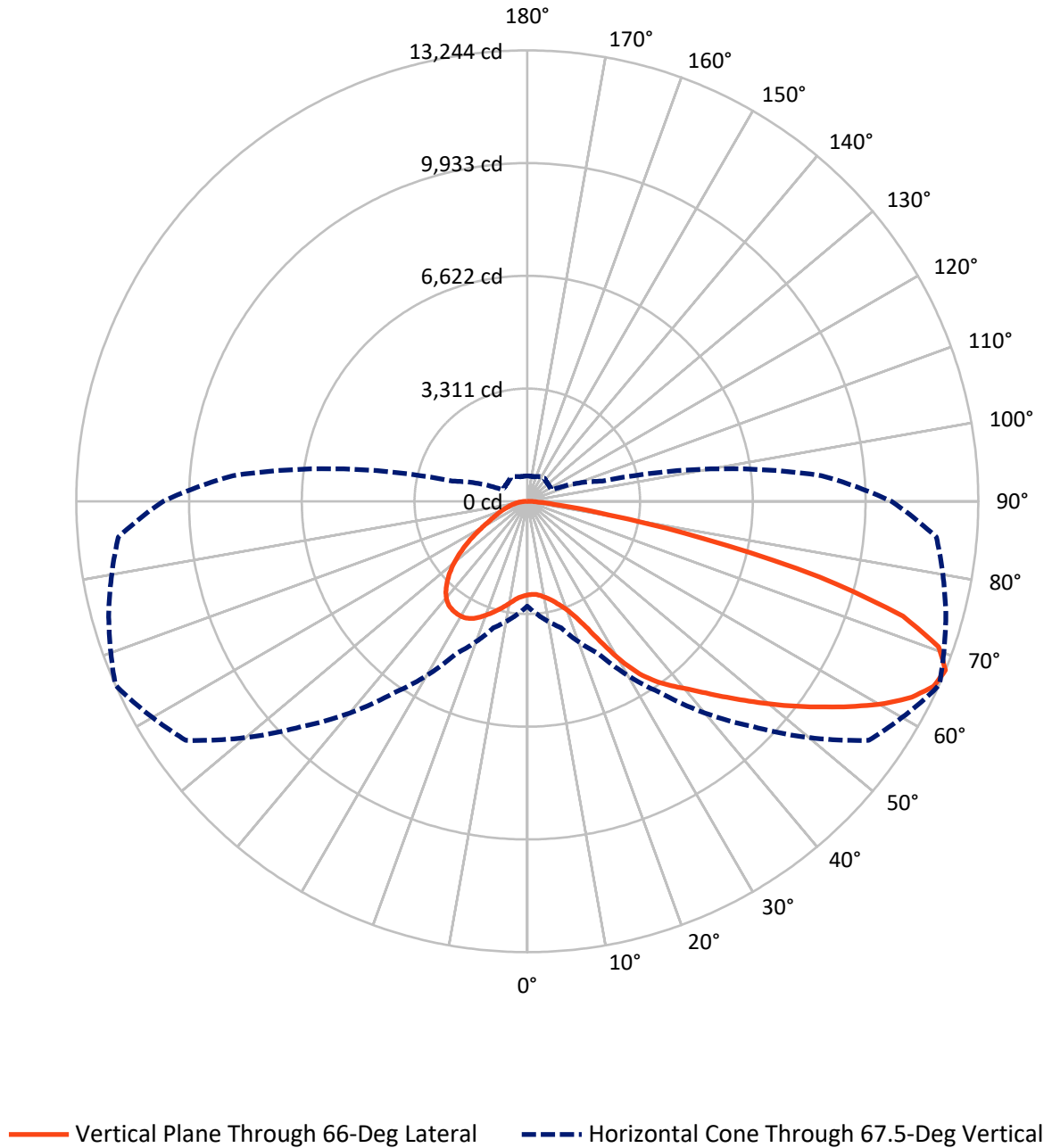
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6169.2	0.0	6169.2
	% Fixture	24.9	0.0	24.9
<b>Street Side</b>	Lumens	18641.8	0.0	18641.8
	% Fixture	75.1	0.0	75.1
<b>Total</b>	Lumens	24811.0	0.0	24811.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	272.8	1.1
10°-20°	901.4	3.6
20°-30°	1737.4	7.0
30°-40°	3046.4	12.3
40°-50°	4528.9	18.3
50°-60°	5740.9	23.1
60°-70°	5617.3	22.6
70°-80°	2679.5	10.8
80°-90°	286.4	1.2
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°	24811.0	100.0
0°-180°	24811.0	100.0

**Coefficient of Utilization**

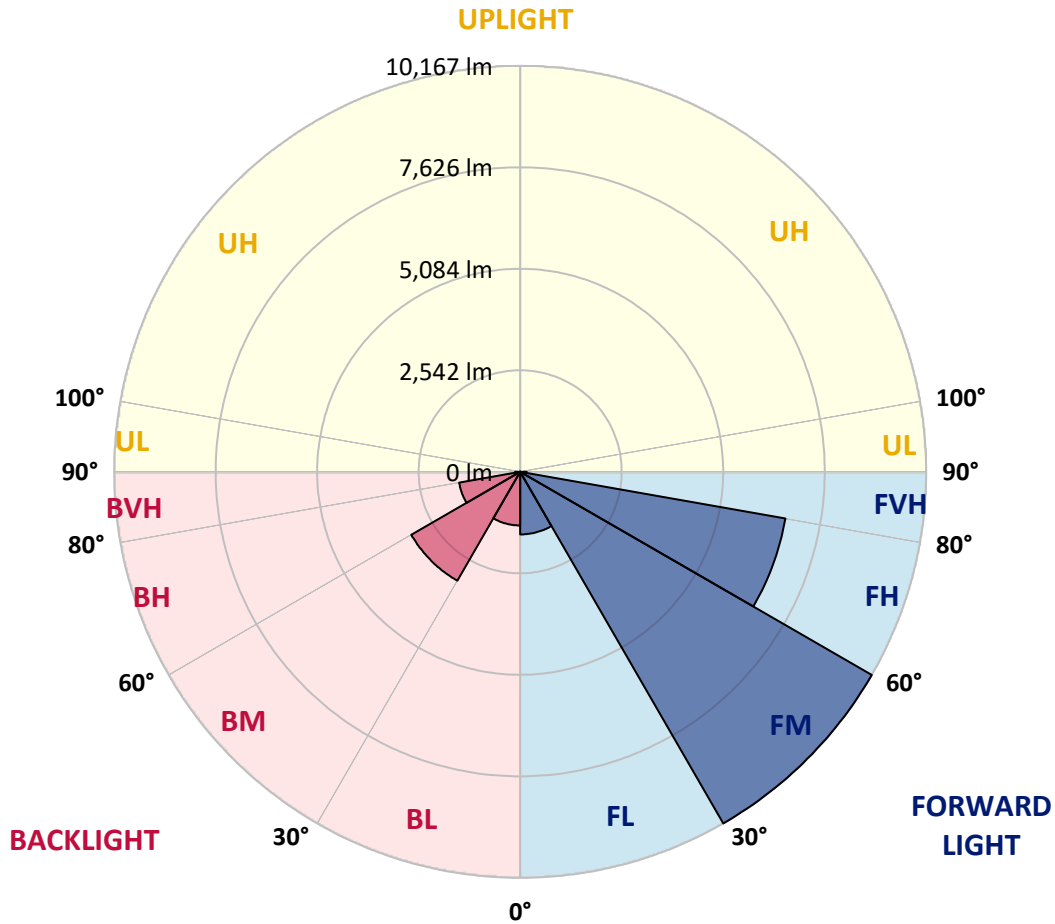


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1567.8	6.3			
FM (30°-60°)	10167.3	41.0			
FH (60°-80°)	6744.3	27.2			G3/7500
FVH (80°-90°)	162.4	0.7			G2/225
BL (0°-30°)	1343.9	5.4	B3/2500		
BM (30°-60°)	3148.8	12.7	B3/5000		
BH (60°-80°)	1552.5	6.3	B3/2500		G3/2500
BVH (80°-90°)	124.0	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**  
 Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9
2.5°	2723.2	2738.8	2734.9	2728.4	2727.1	2729.7	2733.6	2737.5	2736.2	2742.7
5°	2715.4	2731.0	2729.7	2729.7	2734.9	2745.3	2751.9	2758.4	2751.9	2759.7
7.5°	2720.6	2732.3	2737.5	2742.7	2755.8	2775.3	2791.0	2805.3	2797.5	2806.6
10°	2787.1	2796.2	2801.4	2801.4	2810.5	2832.7	2848.3	2874.4	2867.9	2882.2
12.5°	2908.3	2917.4	2917.4	2912.2	2918.7	2933.1	2938.3	2967.0	2955.2	2978.7
15°	3056.9	3075.2	3060.8	3051.7	3054.3	3068.6	3067.3	3089.5	3077.8	3097.3
17.5°	3221.2	3244.6	3221.2	3219.9	3214.6	3230.3	3231.6	3251.1	3230.3	3244.6
20°	3415.4	3448.0	3428.4	3434.9	3423.2	3429.7	3436.2	3464.9	3432.3	3442.8
22.5°	3689.1	3728.3	3707.4	3732.2	3724.3	3719.1	3717.8	3768.7	3717.8	3721.7
25°	4088.0	4135.0	4098.5	4132.4	4132.4	4149.3	4168.9	4234.0	4149.3	4124.5
27.5°	4677.3	4724.2	4652.5	4673.4	4666.8	4708.5	4687.7	4849.3	4758.1	4717.7
30°	5386.4	5469.8	5334.3	5329.1	5322.5	5389.0	5419.0	5525.9	5433.3	5392.9
32.5°	6152.9	6240.3	6078.6	6031.7	6006.9	6047.3	6022.6	6108.6	6044.7	5982.2
35°	6963.8	7049.8	6896.0	6804.7	6705.6	6620.9	6532.3	6554.4	6494.5	6399.3
37.5°	7730.3	7888.0	7725.0	7627.3	7444.8	7279.2	7031.5	6928.6	6872.5	6785.2
40°	8511.1	8601.1	8477.2	8393.8	8195.6	7936.2	7539.9	7322.2	7246.6	7161.9
42.5°	9086.0	9172.0	9105.5	9048.2	8893.1	8591.9	8079.6	7807.2	7697.7	7602.5
45°	9542.2	9606.1	9564.4	9585.3	9518.8	9226.8	8638.9	8327.3	8213.9	8097.9
47.5°	9726.0	9793.8	9860.3	9984.2	10097.6	9882.5	9239.8	8890.4	8770.5	8651.9
50°	9705.2	9774.3	9967.2	10230.5	10582.5	10510.8	9873.4	9490.1	9379.3	9243.7
52.5°	9538.3	9616.5	9864.2	10302.2	10862.8	10981.4	10518.6	10109.3	10005.0	9843.4
55°	9100.3	9147.3	9518.8	10139.3	10929.3	11309.9	11150.9	10768.9	10664.6	10439.1
57.5°	8288.2	8356.0	8897.0	9700.0	10762.4	11532.8	11706.2	11462.4	11362.0	11037.5
60°	7228.4	7336.6	7955.8	8962.1	10337.4	11531.5	12210.7	12144.2	12060.8	11626.7
62.5°	6029.1	6154.2	6750.0	7919.3	9594.4	11204.3	12526.1	12715.2	12672.1	12170.3
65°	4630.3	4716.4	5309.5	6570.1	8438.1	10501.7	12562.6	13104.9	13112.8	12583.5
67.5°	3083.0	3330.7	3845.6	4930.2	6889.4	9353.2	12242.0	13168.8	13244.4	12725.6
70°	1504.3	1830.2	2334.7	3204.2	4930.2	7592.1	11403.8	12644.8	12812.9	12311.1
72.5°	624.4	730.0	1005.1	1581.2	2830.1	5123.1	9719.5	11223.9	11535.4	10908.4
75°	421.1	456.3	574.9	810.8	1289.2	2526.3	7009.4	8369.0	8870.9	8238.7
77.5°	324.6	346.8	418.5	567.1	766.5	955.5	3751.7	5043.6	5303.0	4909.3
80°	255.5	272.4	312.9	413.2	543.6	511.0	1278.8	2285.2	2435.1	2042.7
82.5°	221.6	228.1	224.2	280.3	361.1	298.5	419.8	843.4	930.8	675.3
85°	160.3	178.6	186.4	173.4	191.6	151.2	172.1	298.5	328.5	293.3
87.5°	65.2	96.5	118.6	112.1	70.4	43.0	53.4	87.3	100.4	109.5
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°
2751.9	0°	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9	2751.9
2753.2	2.5°	2754.5	2763.6	2770.1	2777.9	2783.2	2791.0	2806.6	2815.7	2817.0	2823.6
2774.0	5°	2779.2	2792.3	2806.6	2827.5	2850.9	2870.5	2900.5	2921.3	2929.2	2935.7
2824.9	7.5°	2832.7	2850.9	2877.0	2913.5	2947.4	2973.5	3010.0	3034.7	3059.5	3068.6
2905.7	10°	2912.2	2938.3	2976.1	3025.6	3062.1	3096.0	3133.8	3154.7	3179.4	3189.9
3002.2	12.5°	3011.3	3038.7	3088.2	3157.3	3191.2	3214.6	3227.7	3222.5	3227.7	3236.8
3118.2	15°	3124.7	3154.7	3210.7	3285.0	3308.5	3287.6	3259.0	3232.9	3229.0	3231.6
3259.0	17.5°	3259.0	3281.1	3346.3	3408.9	3391.9	3305.9	3243.3	3201.6	3180.7	3174.2
3438.9	20°	3446.7	3446.7	3500.1	3539.2	3425.8	3279.8	3182.1	3114.3	3071.2	3053.0
3683.9	22.5°	3674.8	3653.9	3687.8	3660.5	3419.3	3206.8	3071.2	2953.9	2888.7	2862.7
4026.8	25°	3964.2	3939.4	3930.3	3760.8	3372.4	3090.8	2870.5	2728.4	2671.0	2656.7
4520.8	27.5°	4400.9	4338.3	4219.7	3815.6	3286.3	2908.3	2635.8	2504.2	2471.6	2472.9
5155.7	30°	4982.3	4857.2	4566.5	3824.7	3145.6	2650.2	2396.0	2302.1	2286.5	2293.0
5688.8	32.5°	5520.7	5402.1	4921.0	3783.0	2929.2	2397.3	2180.9	2118.3	2094.9	2102.7
6095.6	35°	5943.0	5910.5	5249.5	3724.3	2663.2	2160.0	1988.0	1934.5	1888.9	1878.5
6478.8	37.5°	6341.9	6328.9	5495.9	3642.2	2399.9	1991.9	1832.8	1762.4	1696.0	1659.5
6902.5	40°	6779.9	6766.9	5657.6	3515.8	2166.6	1845.9	1693.4	1600.8	1518.7	1452.2
7382.2	42.5°	7272.7	7195.8	5734.5	3334.6	1968.4	1722.0	1579.9	1454.8	1346.6	1285.3
7924.5	45°	7811.1	7637.7	5733.2	3103.8	1801.6	1608.6	1458.7	1281.4	1181.0	1123.7
8481.1	47.5°	8382.1	8060.1	5662.8	2848.3	1639.9	1483.5	1271.0	1135.4	1068.9	1033.7
9086.0	50°	8971.3	8455.1	5542.8	2555.0	1474.4	1341.4	1153.7	1061.1	1010.3	977.7
9685.6	52.5°	9525.3	8813.5	5398.1	2222.6	1306.2	1203.2	1101.5	1029.8	976.4	939.9
10267.0	55°	10040.2	9122.5	5193.5	1882.4	1169.3	1110.7	1076.8	1016.8	955.5	912.5
10857.6	57.5°	10497.8	9323.2	4840.2	1563.0	1071.5	1046.8	1050.7	994.6	924.2	887.7
11439.0	60°	10878.4	9470.5	4317.5	1267.1	992.0	984.2	1010.3	952.9	870.8	829.1
11930.4	62.5°	11106.5	9467.9	3676.1	1037.7	924.2	926.8	956.8	900.8	817.3	778.2
12187.2	65°	11087.0	9235.9	2972.2	887.7	859.1	861.7	900.8	843.4	773.0	749.6
12058.2	67.5°	10694.6	8670.1	2280.0	790.0	787.4	799.1	844.7	804.3	745.7	743.0
11289.0	70°	9632.2	7495.6	1642.5	711.8	713.1	730.0	790.0	779.5	731.3	736.5
9491.4	72.5°	7723.7	5714.9	1102.8	629.6	630.9	658.3	737.8	760.0	717.0	786.1
6734.3	75°	5143.9	3564.0	709.2	542.3	543.6	578.8	692.2	722.2	677.9	783.5
3504.0	77.5°	2471.6	1602.1	513.6	456.3	456.3	488.8	598.3	646.6	577.5	608.8
1126.3	80°	853.8	602.3	404.1	367.6	359.8	382.0	504.5	560.5	498.0	458.9
367.6	82.5°	336.3	312.9	324.6	285.5	259.4	273.8	392.4	462.8	366.3	331.1
207.3	85°	192.9	203.4	229.4	189.0	149.9	168.2	288.1	332.4	276.4	243.8
67.8	87.5°	52.1	71.7	105.6	97.8	67.8	71.7	136.9	183.8	159.0	122.5
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



<u>180°</u>
2751.9
2822.3
2934.4
3069.9
3195.1
3239.4
3240.7
3183.4
3049.1
2858.8
2659.3
2476.8
2315.2
2113.1
1886.3
1660.8
1458.7
1289.2
1121.1
1025.9
966.0
924.2
895.6
864.3
810.8
766.5
748.3
747.0
735.2
796.5
790.0
557.9
430.2
329.8
249.0
126.4
0.0

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