

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: P849398

Luminaire Tested: **GLAN-SB6B-930-U-T3**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849398  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6B-930-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 23053 lumens  
Efficiency: N/A  
Efficacy: 104.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3

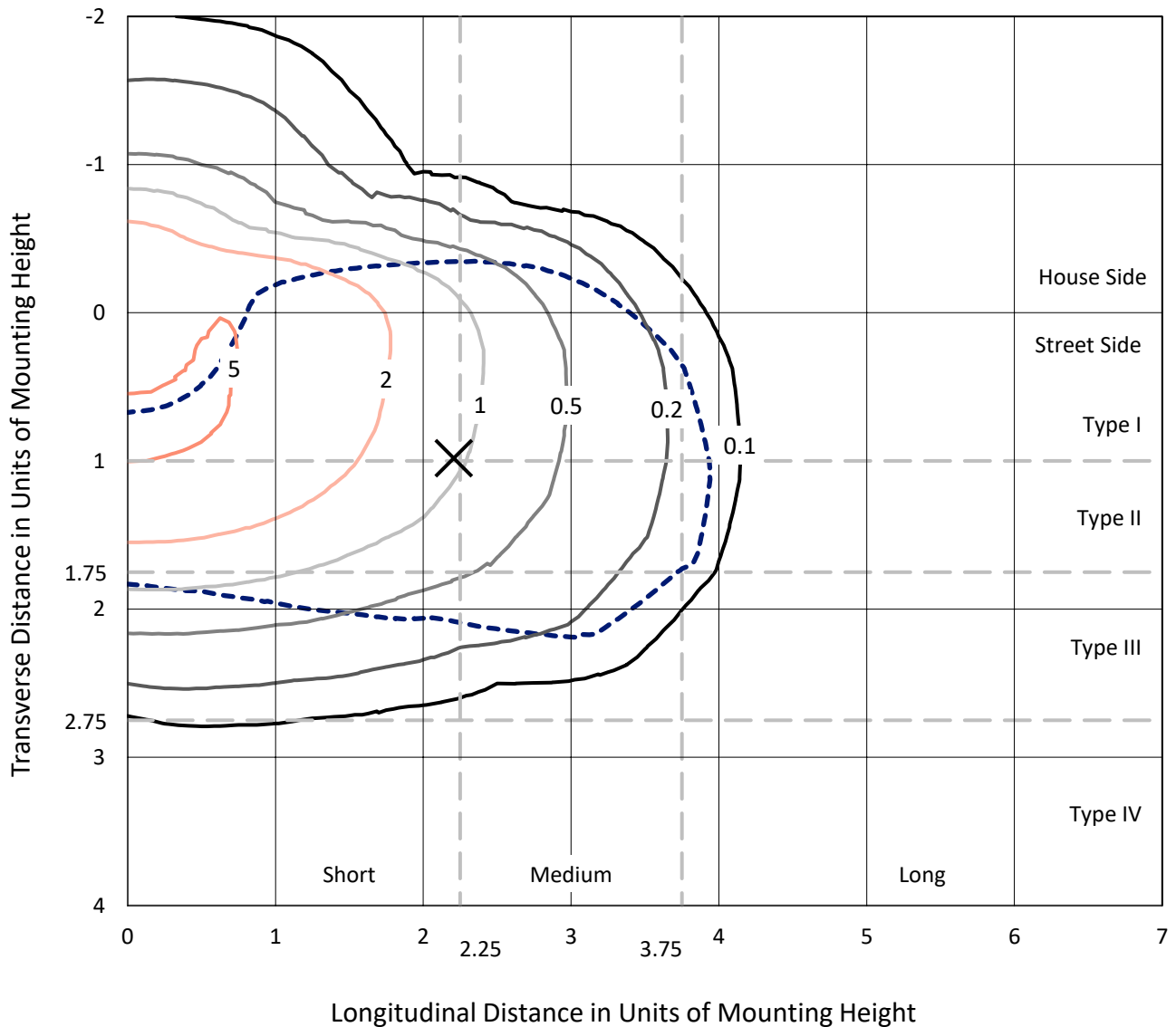
Input Watts (W): 220.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

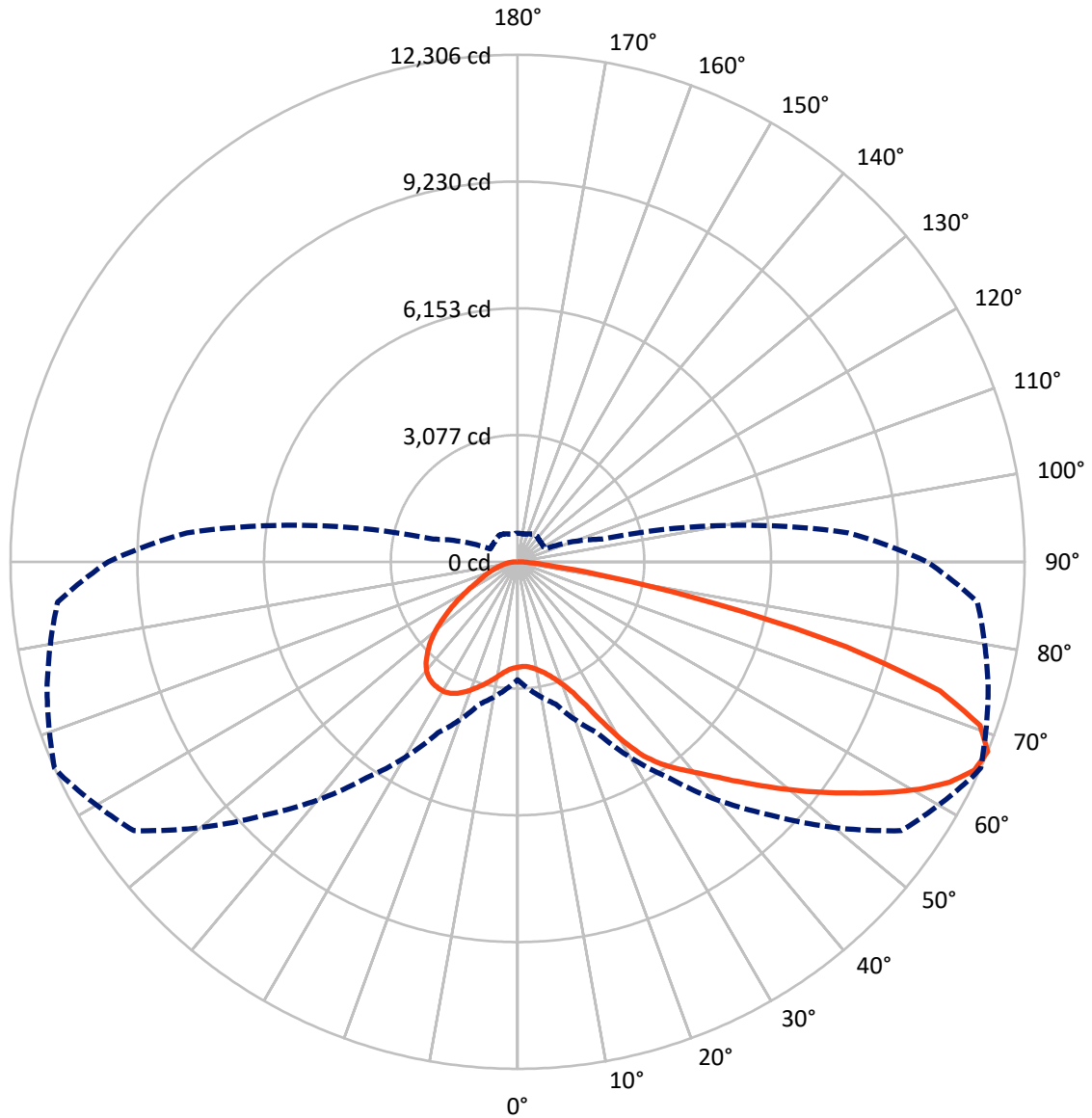
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.8 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5732.1	0.0	5732.1
	% Fixture	24.9	0.0	24.9
<b>Street Side</b>	Lumens	17320.9	0.0	17320.9
	% Fixture	75.1	0.0	75.1
<b>Total</b>	Lumens	23053.0	0.0	23053.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	253.5	1.1
10°-20°	837.5	3.6
20°-30°	1614.3	7.0
30°-40°	2830.5	12.3
40°-50°	4208.0	18.3
50°-60°	5334.1	23.1
60°-70°	5219.3	22.6
70°-80°	2489.6	10.8
80°-90°	266.1	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°	23053.0	100.0
0°-180°	23053.0	100.0

**Coefficient of Utilization**



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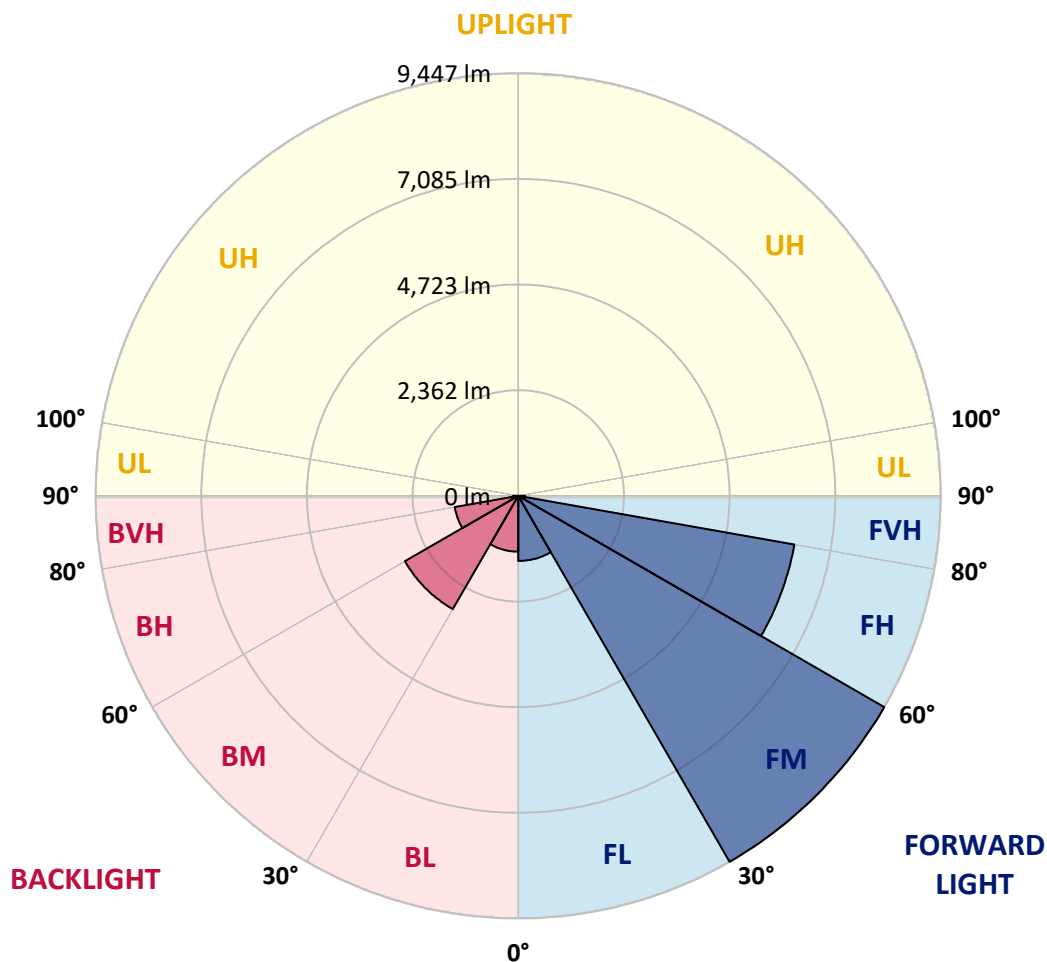
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1456.7	6.3			
FM (30°-60°)	9446.9	41.0			
FH (60°-80°)	6266.4	27.2			G3/7500
FVH (80°-90°)	150.9	0.7			G2/225
BL (0°-30°)	1248.7	5.4	B3/2500		
BM (30°-60°)	2925.7	12.7	B3/5000		
BH (60°-80°)	1442.5	6.3	B3/2500		G3/2500
BVH (80°-90°)	115.2	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°	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9
2.5°	2530.2	2544.8	2541.1	2535.1	2533.9	2536.3	2539.9	2543.6	2542.3	2548.4
5°	2523.0	2537.5	2536.3	2536.3	2541.1	2550.8	2556.9	2562.9	2556.9	2564.1
7.5°	2527.8	2538.7	2543.6	2548.4	2560.5	2578.7	2593.2	2606.5	2599.3	2607.8
10°	2589.6	2598.1	2602.9	2602.9	2611.4	2632.0	2646.5	2670.7	2664.7	2678.0
12.5°	2702.2	2710.7	2710.7	2705.9	2711.9	2725.2	2730.1	2756.7	2745.8	2767.6
15°	2840.3	2857.3	2843.9	2835.5	2837.9	2851.2	2850.0	2870.6	2859.7	2877.9
17.5°	2992.9	3014.7	2992.9	2991.7	2986.9	3001.4	3002.6	3020.8	3001.4	3014.7
20°	3173.4	3203.7	3185.5	3191.6	3180.7	3186.7	3192.8	3219.4	3189.1	3198.8
22.5°	3427.7	3464.1	3444.7	3467.7	3460.5	3455.6	3454.4	3501.6	3454.4	3458.0
25°	3798.4	3842.0	3808.1	3839.6	3839.6	3855.3	3873.5	3934.0	3855.3	3832.3
27.5°	4345.9	4389.5	4322.8	4342.2	4336.2	4374.9	4355.5	4505.7	4420.9	4383.4
30°	5004.8	5082.3	4956.3	4951.5	4945.4	5007.2	5035.0	5134.4	5048.4	5010.8
32.5°	5717.0	5798.1	5647.9	5604.3	5581.3	5618.8	5595.8	5675.8	5616.4	5558.3
35°	6470.3	6550.3	6407.3	6322.6	6230.5	6151.8	6069.4	6090.0	6034.3	5945.9
37.5°	7182.5	7329.1	7177.7	7086.8	6917.3	6763.4	6533.3	6437.6	6385.5	6304.4
40°	7908.0	7991.6	7876.6	7799.0	7614.9	7373.9	7005.7	6803.4	6733.2	6654.4
42.5°	8442.2	8522.1	8460.4	8407.1	8262.9	7983.1	7507.1	7254.0	7152.2	7063.8
45°	8866.1	8925.5	8886.7	8906.1	8844.3	8573.0	8026.7	7737.3	7631.9	7524.1
47.5°	9036.9	9099.9	9161.7	9276.7	9382.1	9182.2	8585.1	8260.5	8149.1	8038.9
50°	9017.5	9081.7	9261.0	9505.6	9832.7	9766.1	9173.8	8817.7	8714.7	8588.8
52.5°	8862.5	8935.2	9165.3	9572.3	10093.1	10203.3	9773.3	9393.0	9296.1	9145.9
55°	8455.5	8499.1	8844.3	9420.9	10154.9	10508.5	10360.8	10005.9	9909.0	9699.4
57.5°	7700.9	7763.9	8266.6	9012.7	9999.8	10715.7	10876.7	10650.2	10557.0	10255.4
60°	6716.2	6816.7	7392.1	8327.1	9605.0	10714.4	11345.5	11283.7	11206.2	10802.9
62.5°	5601.9	5718.2	6271.7	7358.2	8914.6	10410.4	11638.6	11814.2	11774.3	11307.9
65°	4302.2	4382.2	4933.3	6104.5	7840.2	9757.6	11672.5	12176.4	12183.6	11691.9
67.5°	2864.5	3094.7	3573.1	4580.8	6401.3	8690.5	11374.6	12235.7	12306.0	11823.9
70°	1397.7	1700.6	2169.3	2977.2	4580.8	7054.1	10595.7	11748.8	11905.1	11438.7
72.5°	580.2	678.3	933.8	1469.2	2629.6	4760.1	9030.8	10428.6	10718.1	10135.5
75°	391.2	423.9	534.1	753.4	1197.9	2347.3	6512.7	7776.0	8242.3	7654.9
77.5°	301.6	322.2	388.8	526.9	712.2	887.8	3485.9	4686.2	4927.2	4561.4
80°	237.4	253.1	290.7	384.0	505.1	474.8	1188.2	2123.3	2262.6	1898.0
82.5°	205.9	212.0	208.3	260.4	335.5	277.4	390.0	783.7	864.8	627.4
85°	149.0	165.9	173.2	161.1	178.0	140.5	159.9	277.4	305.2	272.5
87.5°	60.6	89.6	110.2	104.2	65.4	40.0	49.7	81.2	93.3	101.7
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°
2556.9	0°	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9	2556.9
2558.1	2.5°	2559.3	2567.8	2573.8	2581.1	2586.0	2593.2	2607.8	2616.2	2617.4	2623.5
2577.5	5°	2582.3	2594.4	2607.8	2627.1	2648.9	2667.1	2695.0	2714.3	2721.6	2727.7
2624.7	7.5°	2632.0	2648.9	2673.2	2707.1	2738.6	2762.8	2796.7	2819.7	2842.7	2851.2
2699.8	10°	2705.9	2730.1	2765.2	2811.2	2845.2	2876.6	2911.8	2931.1	2954.2	2963.9
2789.4	12.5°	2797.9	2823.4	2869.4	2933.6	2965.1	2986.9	2999.0	2994.1	2999.0	3007.5
2897.2	15°	2903.3	2931.1	2983.2	3052.3	3074.1	3054.7	3028.0	3003.8	3000.2	3002.6
3028.0	17.5°	3028.0	3048.6	3109.2	3167.3	3151.6	3071.7	3013.5	2974.8	2955.4	2949.3
3195.2	20°	3202.5	3202.5	3252.1	3288.5	3183.1	3047.4	2956.6	2893.6	2853.6	2836.7
3422.9	22.5°	3414.4	3395.0	3426.5	3401.1	3177.0	2979.6	2853.6	2744.6	2684.1	2659.8
3741.5	25°	3683.3	3660.3	3651.8	3494.4	3133.4	2871.8	2667.1	2535.1	2481.8	2468.5
4200.5	27.5°	4089.1	4030.9	3920.7	3545.2	3053.5	2702.2	2449.1	2326.8	2296.5	2297.7
4790.4	30°	4629.3	4513.0	4242.9	3553.7	2922.7	2462.4	2226.2	2139.0	2124.5	2130.5
5285.8	32.5°	5129.5	5019.3	4572.4	3515.0	2721.6	2227.4	2026.4	1968.2	1946.4	1953.7
5663.7	35°	5521.9	5491.7	4877.6	3460.5	2474.5	2007.0	1847.1	1797.4	1755.1	1745.4
6019.8	37.5°	5892.6	5880.5	5106.5	3384.1	2229.9	1850.7	1703.0	1637.6	1575.8	1541.9
6413.4	40°	6299.5	6287.4	5256.7	3266.7	2013.0	1715.1	1573.4	1487.4	1411.1	1349.3
6859.1	42.5°	6757.4	6685.9	5328.2	3098.3	1828.9	1600.0	1468.0	1351.7	1251.2	1194.3
7363.0	45°	7257.6	7096.5	5326.9	2883.9	1673.9	1494.6	1355.4	1190.6	1097.4	1044.1
7880.2	47.5°	7788.1	7489.0	5261.5	2646.5	1523.7	1378.4	1180.9	1055.0	993.2	960.5
8442.2	50°	8335.6	7856.0	5150.1	2374.0	1369.9	1246.3	1071.9	985.9	938.7	908.4
8999.4	52.5°	8850.4	8189.0	5015.7	2065.1	1213.6	1118.0	1023.5	956.9	907.2	873.3
9539.6	55°	9328.8	8476.1	4825.5	1749.0	1086.5	1032.0	1000.5	944.8	887.8	847.9
10088.2	57.5°	9753.9	8662.6	4497.3	1452.3	995.6	972.6	976.2	924.2	858.8	824.8
10628.4	60°	10107.6	8799.5	4011.6	1177.3	921.7	914.5	938.7	885.4	809.1	770.3
11085.1	62.5°	10319.6	8797.1	3415.6	964.1	858.8	861.2	889.0	837.0	759.4	723.1
11323.7	65°	10301.4	8581.5	2761.6	824.8	798.2	800.6	837.0	783.7	718.3	696.5
11203.8	67.5°	9936.8	8055.8	2118.4	734.0	731.6	742.5	784.9	747.3	692.8	690.4
10489.2	70°	8949.7	6964.5	1526.1	661.3	662.5	678.3	734.0	724.3	679.5	684.3
8818.9	72.5°	7176.5	5310.0	1024.7	585.0	586.2	611.7	685.5	706.1	666.2	730.4
6257.2	75°	4779.5	3311.5	658.9	503.9	505.1	537.8	643.2	671.0	629.8	727.9
3255.8	77.5°	2296.5	1488.6	477.2	423.9	423.9	454.2	555.9	600.8	536.6	565.6
1046.5	80°	793.3	559.6	375.5	341.6	334.3	354.9	468.7	520.8	462.7	426.3
341.6	82.5°	312.5	290.7	301.6	265.3	241.0	254.4	364.6	430.0	340.4	307.6
192.6	85°	179.3	189.0	213.2	175.6	139.3	156.2	267.7	308.9	256.8	226.5
63.0	87.5°	48.4	66.6	98.1	90.8	63.0	66.6	127.2	170.8	147.8	113.9
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°
2556.9
2622.3
2726.5
2852.4
2968.7
3009.9
3011.1
2957.8
2833.0
2656.2
2470.9
2301.3
2151.1
1963.4
1752.6
1543.1
1355.4
1197.9
1041.6
953.2
897.5
858.8
832.1
803.0
753.4
712.2
695.2
694.0
683.1
740.1
734.0
518.4
399.7
306.4
231.3
117.5
0.0

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