

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: P849223

Luminaire Tested: **GLAN-SB6A-930-U-SL4**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849223  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6A-930-U-SL4  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 18191 lumens  
Efficiency: N/A  
Efficacy: 106.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G3

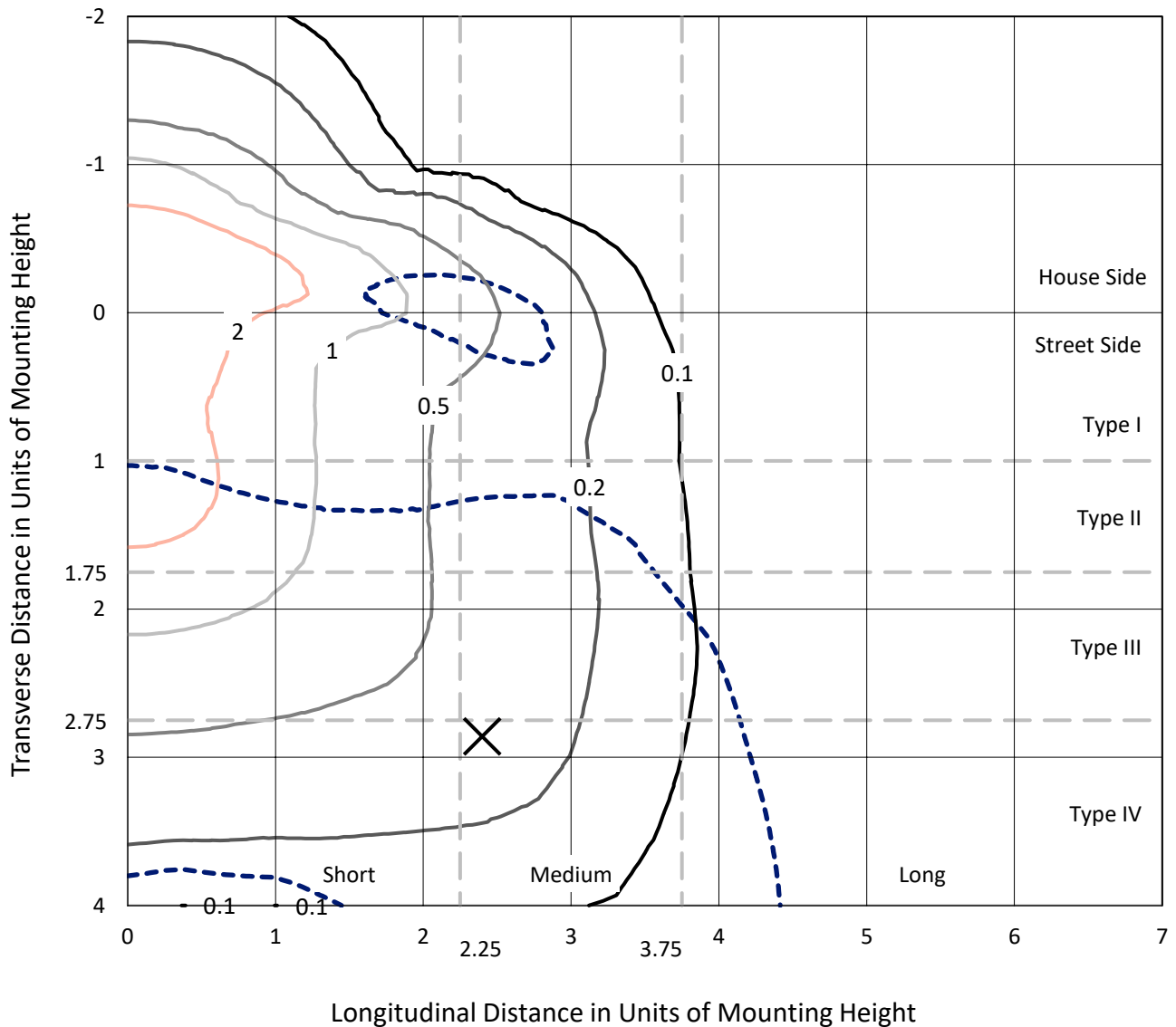
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

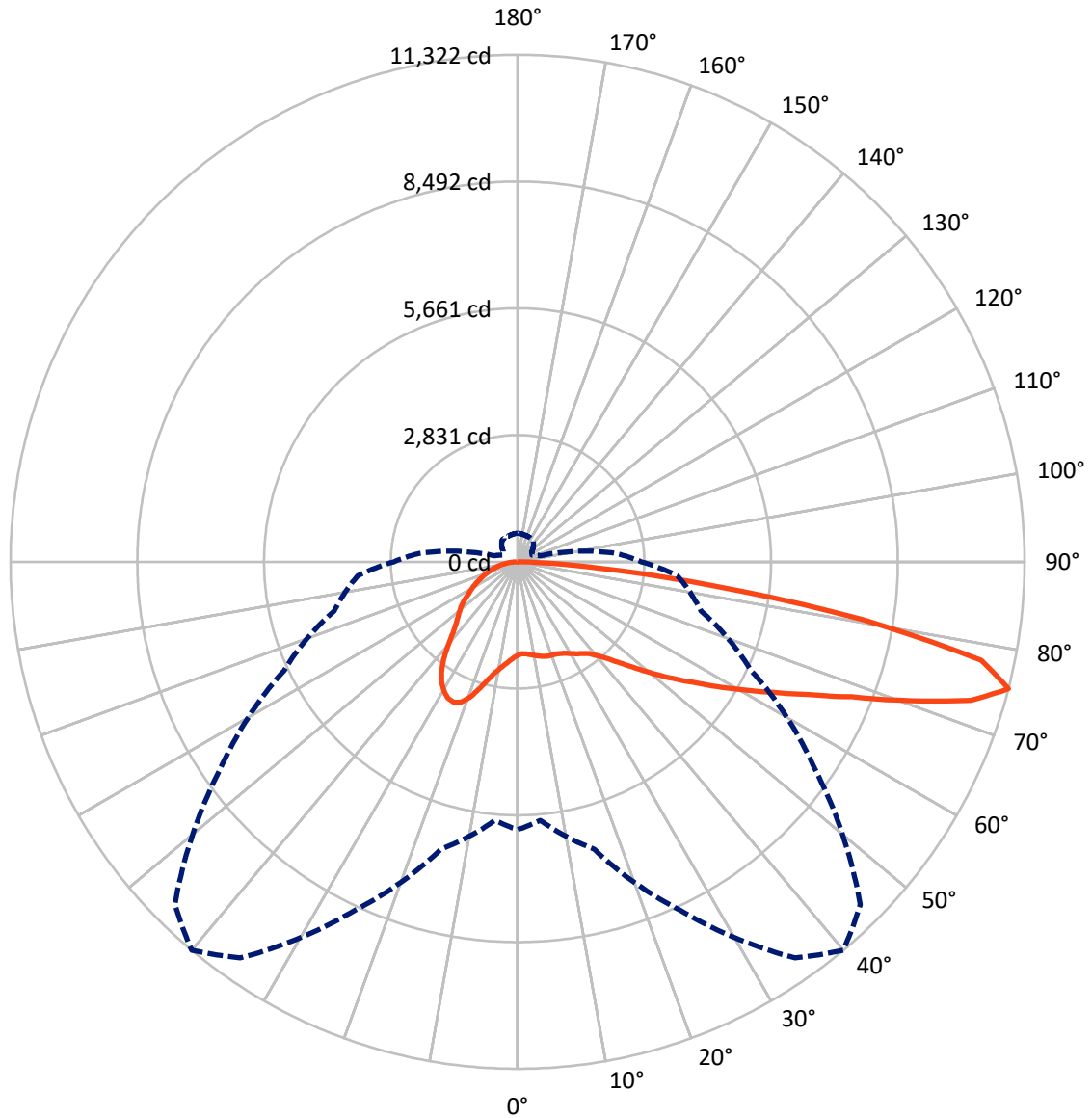
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.3 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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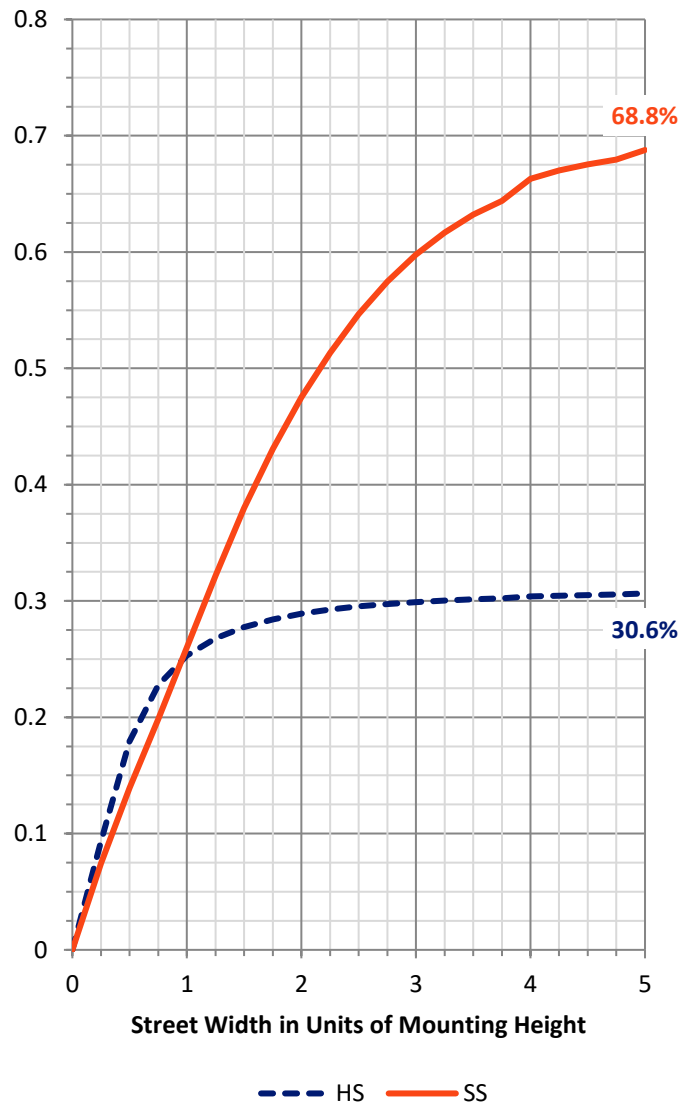
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5636.2	0.0	5636.2
	% Fixture	31.0	0.0	31.0
<b>Street Side</b>	Lumens	12554.8	0.0	12554.8
	% Fixture	69.0	0.0	69.0
<b>Total</b>	Lumens	18191.0	0.0	18191.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	207.6	1.1
10°-20°	697.1	3.8
20°-30°	1272.9	7.0
30°-40°	1805.4	9.9
40°-50°	2437.8	13.4
50°-60°	3279.5	18.0
60°-70°	4162.4	22.9
70°-80°	3777.6	20.8
80°-90°	550.7	3.0
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°	18191.0	100.0
0°-180°	18191.0	100.0

**Coefficient of Utilization**

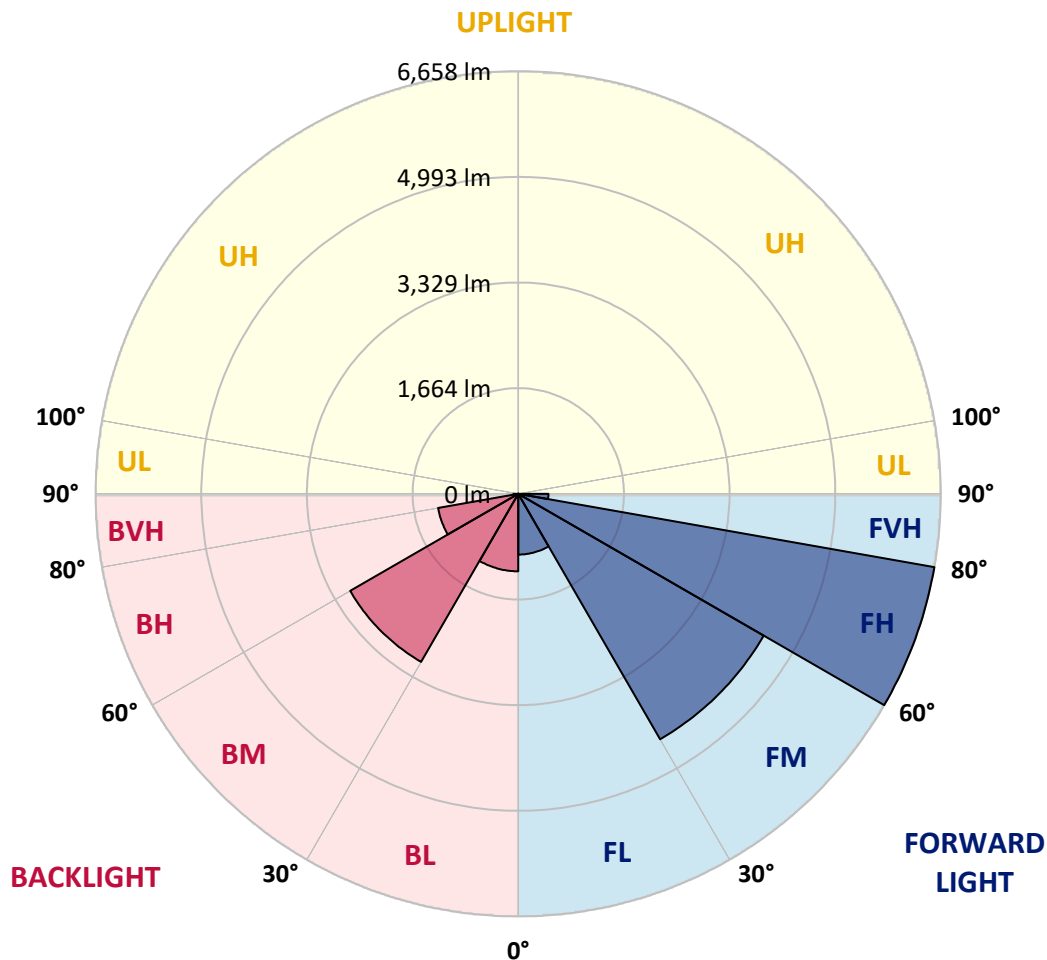


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	956.9	5.3			
FM (30°-60°)	4465.5	24.5			
FH (60°-80°)	6657.6	36.6			G3/7500
FVH (80°-90°)	474.8	2.6			G3/500
BL (0°-30°)	1220.8	6.7	B3/2500		
BM (30°-60°)	3057.1	16.8	B3/5000		
BH (60°-80°)	1282.4	7.0	B3/2500		G3/2500
BVH (80°-90°)	75.8	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G3**  
 Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2
2.5°	2048.3	2059.9	2057.0	2053.1	2053.1	2054.1	2053.1	2059.9	2066.7	2073.4
5°	2069.6	2081.1	2075.3	2070.5	2066.7	2065.7	2062.8	2061.8	2065.7	2074.4
7.5°	2111.0	2122.6	2113.9	2105.3	2097.5	2093.7	2089.8	2084.0	2081.1	2086.0
10°	2157.4	2168.9	2158.3	2142.9	2130.3	2125.5	2121.7	2115.9	2112.0	2114.9
12.5°	2203.7	2215.2	2200.8	2179.5	2163.1	2160.2	2155.4	2153.5	2152.5	2151.6
15°	2247.1	2256.7	2238.4	2213.3	2195.9	2191.1	2186.3	2189.2	2194.0	2199.8
17.5°	2280.8	2290.5	2263.5	2230.7	2214.3	2212.3	2209.5	2219.1	2232.6	2247.1
20°	2311.7	2321.4	2286.6	2242.3	2223.0	2223.0	2223.9	2244.2	2263.5	2284.7
22.5°	2355.1	2362.9	2320.4	2259.6	2231.6	2233.6	2241.3	2261.6	2285.7	2314.6
25°	2419.8	2425.6	2373.5	2292.4	2260.6	2266.4	2273.1	2282.8	2305.9	2339.7
27.5°	2524.0	2528.8	2460.3	2350.3	2302.1	2311.7	2321.4	2314.6	2325.2	2354.2
30°	2670.6	2673.5	2586.7	2441.0	2372.5	2377.3	2379.3	2351.3	2331.0	2354.2
32.5°	2844.3	2843.3	2740.1	2551.0	2452.6	2447.8	2431.4	2376.4	2329.1	2349.4
35°	3113.5	3102.9	2969.7	2705.4	2543.3	2513.4	2474.8	2404.3	2338.7	2344.5
37.5°	3559.2	3526.4	3342.2	2958.2	2678.4	2602.1	2545.2	2449.7	2360.0	2342.6
40°	4061.9	4020.4	3817.8	3304.5	2881.0	2758.4	2666.8	2514.3	2394.7	2351.3
42.5°	4658.2	4599.3	4381.3	3712.7	3137.6	2960.1	2822.1	2596.3	2445.8	2379.3
45°	5390.5	5312.3	5003.6	4172.9	3460.8	3224.4	3040.2	2720.8	2524.0	2433.3
47.5°	6130.5	6149.8	5710.8	4699.7	3848.7	3550.6	3313.2	2908.0	2637.8	2520.1
50°	6916.8	6930.3	6414.2	5283.4	4288.7	3919.1	3620.0	3117.4	2796.1	2643.6
52.5°	7530.5	7532.4	7052.9	5894.1	4746.9	4324.4	3951.0	3356.6	2979.4	2807.6
55°	7914.5	7909.6	7500.6	6472.1	5273.7	4749.8	4317.6	3628.7	3203.2	3000.6
57.5°	8193.3	8178.8	7809.3	6968.9	5835.3	5252.5	4732.5	3937.5	3467.6	3230.2
60°	8299.4	8290.8	8018.7	7398.3	6425.7	5808.3	5211.0	4282.9	3767.6	3501.4
62.5°	8340.0	8356.4	8224.2	7814.1	7057.7	6423.8	5736.9	4695.8	4105.3	3808.2
65°	8482.8	8512.7	8485.6	8358.3	7771.7	7144.5	6434.4	5186.9	4473.9	4137.2
67.5°	8765.4	8795.4	8806.9	9009.5	8643.9	8042.8	7304.7	5798.6	4905.2	4478.7
70°	8758.7	8750.0	8954.6	9527.7	9736.1	9286.5	8477.9	6551.2	5419.4	4762.4
72.5°	7972.4	7902.9	8386.3	9521.9	10644.9	10585.1	9910.7	7521.8	5863.2	4797.1
75°	5981.0	5795.7	6649.6	8581.2	10796.4	11322.2	10821.5	8123.8	5758.1	4238.5
77.5°	2557.8	2371.5	3377.9	6352.4	9662.7	10584.1	9986.0	7087.6	4596.4	2802.8
80°	669.6	668.6	1020.8	2880.0	6571.4	7816.1	6857.0	4577.1	2626.3	1001.5
82.5°	276.9	270.2	375.3	1120.2	3210.9	4386.1	3579.5	2041.6	948.4	271.1
85°	103.2	102.3	182.4	386.9	1132.7	1809.0	1309.3	522.0	236.4	132.2
87.5°	28.9	28.0	39.6	134.1	275.9	418.7	223.8	85.9	66.6	52.1
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°
2080.2	0°	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2	2080.2
2084.0	2.5°	2086.9	2091.7	2100.4	2107.2	2115.9	2125.5	2139.0	2147.7	2156.4	2162.2
2088.8	5°	2095.6	2106.2	2128.4	2150.6	2176.6	2200.8	2228.7	2249.0	2265.4	2270.2
2106.2	7.5°	2114.9	2132.3	2169.9	2207.5	2249.0	2288.6	2329.1	2363.8	2391.8	2402.4
2137.1	10°	2148.7	2171.8	2224.9	2278.0	2332.9	2393.7	2445.8	2496.0	2535.6	2552.0
2173.8	12.5°	2191.1	2220.1	2289.5	2362.9	2439.1	2523.0	2590.6	2652.3	2701.5	2723.7
2224.9	15°	2246.1	2283.7	2372.5	2470.9	2582.8	2699.6	2785.5	2854.0	2909.0	2936.0
2278.0	17.5°	2305.9	2356.1	2468.0	2616.6	2776.8	2930.2	3030.5	3080.7	3137.6	3163.7
2327.2	20°	2363.8	2425.6	2585.7	2801.9	3015.1	3178.1	3259.2	3272.7	3276.5	3279.4
2373.5	22.5°	2423.6	2506.6	2733.4	3035.3	3264.0	3376.9	3388.5	3330.6	3249.5	3211.9
2418.8	25°	2489.3	2599.2	2926.3	3293.0	3478.2	3491.7	3402.9	3262.1	3108.7	3038.2
2455.5	27.5°	2552.9	2706.3	3157.9	3539.0	3632.6	3513.9	3322.9	3123.1	2937.9	2863.6
2481.5	30°	2616.6	2828.9	3413.6	3754.1	3703.0	3458.9	3196.5	2973.6	2787.4	2709.2
2504.7	32.5°	2681.3	2971.7	3707.8	3909.5	3690.5	3342.2	3039.2	2805.7	2641.7	2559.7
2524.9	35°	2754.6	3147.3	3986.7	3994.4	3606.5	3170.4	2831.8	2605.0	2462.2	2396.6
2549.1	37.5°	2850.1	3370.1	4232.7	4015.6	3459.9	2918.6	2574.2	2367.7	2250.0	2220.1
2584.8	40°	2968.8	3638.4	4420.8	3981.8	3242.8	2612.7	2292.4	2127.4	2060.9	2067.6
2633.0	42.5°	3123.1	3938.4	4553.0	3895.0	2940.8	2297.3	2045.4	1972.1	2003.9	2031.0
2705.4	45°	3323.8	4250.1	4635.0	3747.4	2599.2	2030.0	1899.7	1917.1	1941.2	1944.1
2822.1	47.5°	3580.5	4565.6	4689.1	3524.5	2250.9	1841.9	1807.1	1811.0	1806.2	1785.9
2996.7	50°	3900.8	4872.4	4737.3	3229.3	1954.7	1724.1	1677.8	1664.3	1597.8	1532.1
3229.3	52.5°	4265.5	5154.1	4757.6	2862.6	1724.1	1625.7	1550.5	1465.6	1341.1	1320.8
3521.6	55°	4670.7	5414.6	4705.5	2412.1	1530.2	1499.3	1385.5	1283.2	1269.7	1252.3
3906.6	57.5°	5155.1	5695.4	4599.3	1909.4	1331.5	1351.7	1240.8	1252.3	1228.2	1201.2
4401.5	60°	5684.8	5985.8	4413.1	1451.1	1126.0	1167.4	1203.1	1202.2	1195.4	1173.2
4923.5	62.5°	6161.4	6176.8	4046.5	1111.5	945.5	1024.6	1122.1	1121.1	1115.3	1102.8
5468.6	65°	6445.0	6147.9	3434.8	875.1	796.9	906.9	1012.1	1019.8	1020.8	1019.8
5878.7	67.5°	6394.9	5809.2	2595.4	696.6	674.4	787.3	903.1	913.7	921.4	923.3
5930.8	70°	5827.5	5065.3	1692.3	555.7	565.4	682.1	799.8	810.5	817.2	824.9
5146.4	72.5°	4542.4	3724.2	968.7	449.6	469.9	591.4	697.6	710.1	714.0	728.4
3581.4	75°	2768.1	2190.2	522.9	354.1	385.9	505.6	596.3	610.7	617.5	634.9
1758.9	77.5°	1316.0	948.4	298.1	275.9	310.7	412.9	503.6	520.0	501.7	511.4
485.3	80°	444.8	352.2	188.1	210.3	237.3	322.3	403.3	419.7	381.1	379.2
161.1	82.5°	155.3	142.8	119.6	139.9	153.4	230.6	304.9	326.1	283.7	282.7
72.4	85°	60.8	57.9	66.6	76.2	91.7	141.8	200.7	211.3	174.6	140.9
21.2	87.5°	12.5	13.5	16.4	17.4	28.0	49.2	72.4	88.8	70.4	59.8
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>
2080.2
2158.3
2272.2
2403.4
2552.9
2723.7
2934.0
3162.7
3287.2
3222.5
3048.9
2872.3
2717.9
2570.3
2411.1
2241.3
2090.8
2056.0
1963.4
1801.3
1540.8
1327.6
1255.2
1196.4
1165.5
1098.0
1019.8
925.3
828.8
734.2
636.8
503.6
375.3
269.2
138.9
55.0
0.0

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