

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: P849097

Luminaire Tested: **GLAN-SB6A-722-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849097
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-722-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16683 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

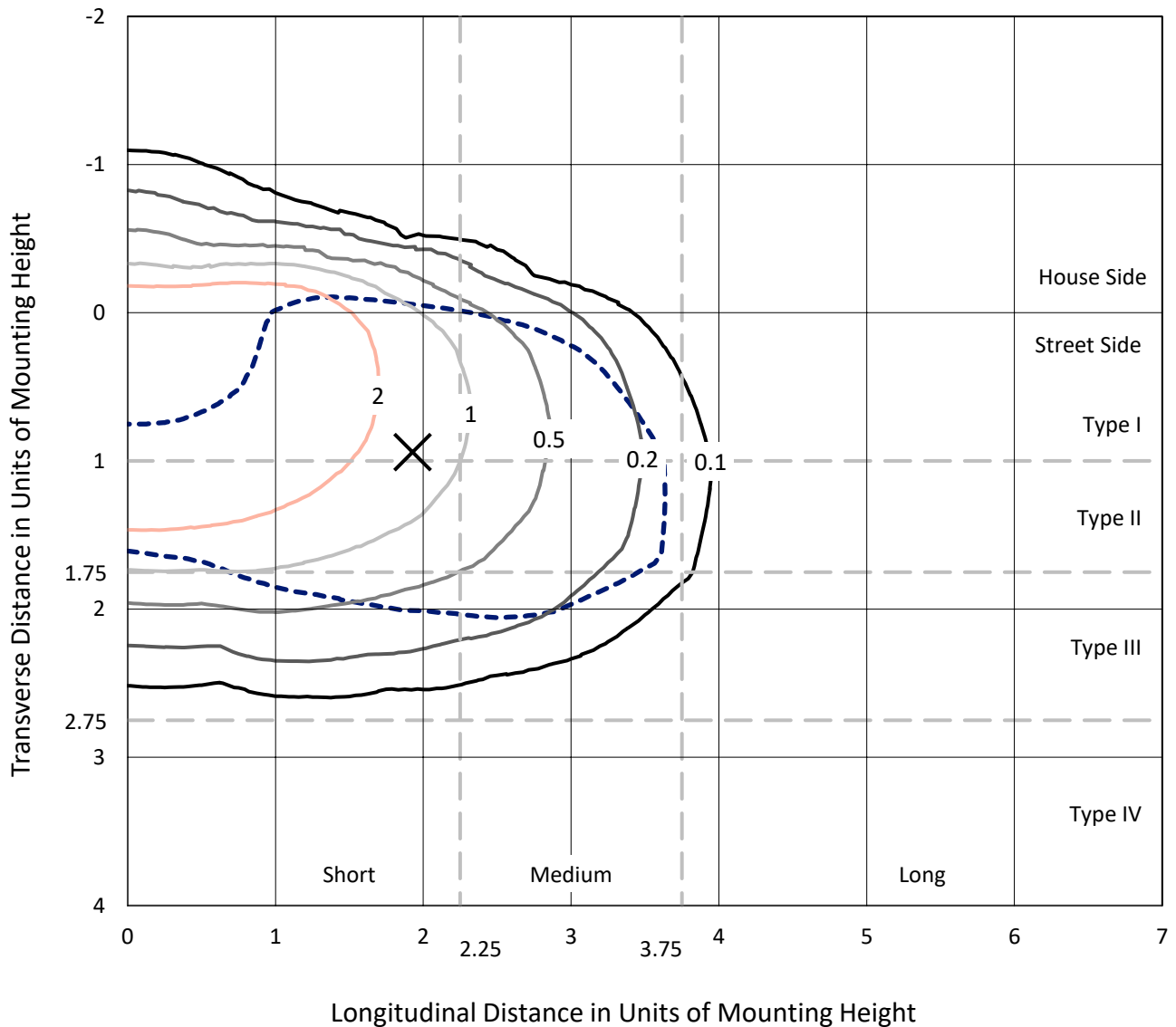
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

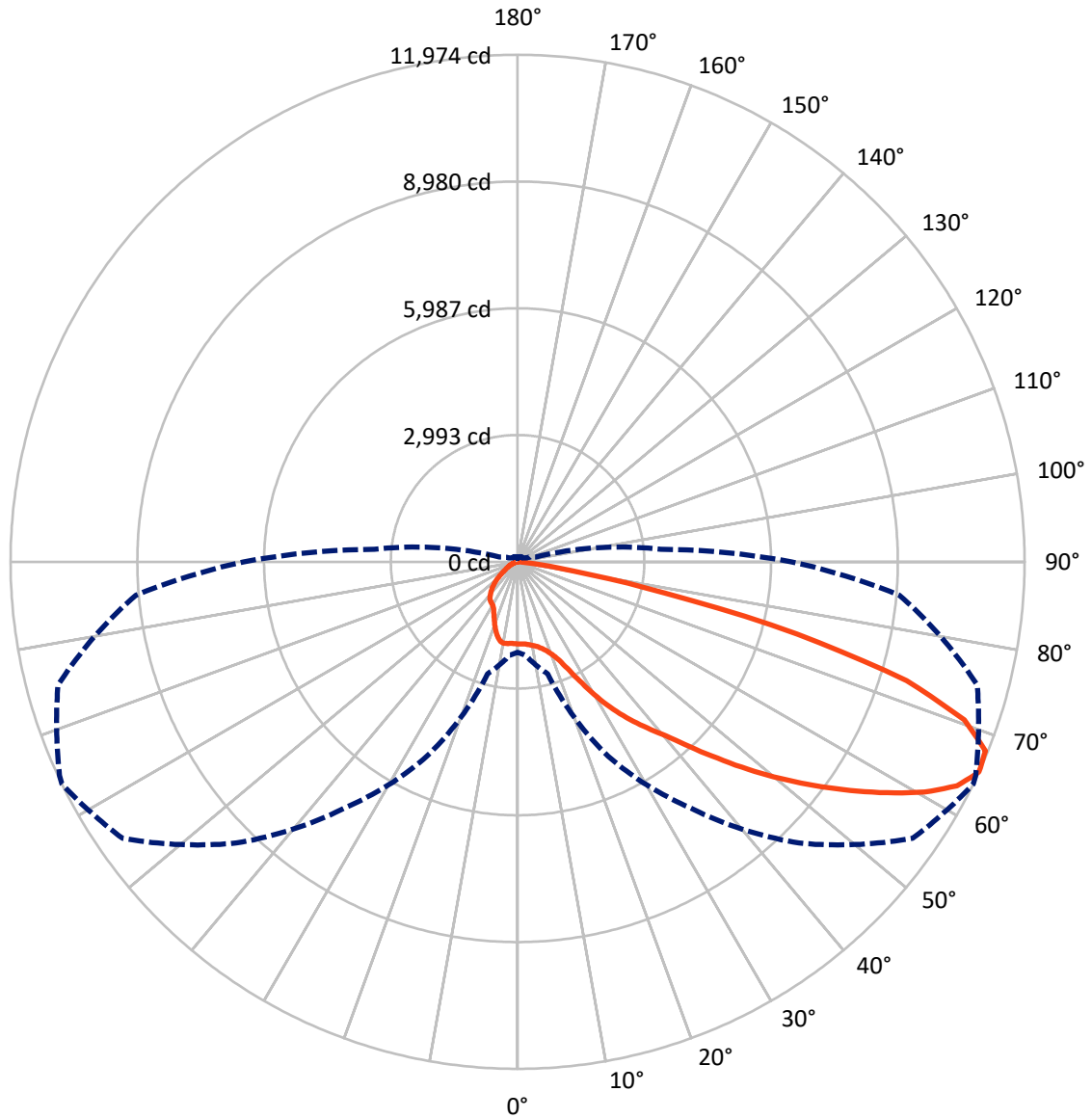
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2231.0	0.0	2231.0
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	14452.0	0.0	14452.0
	% Fixture	86.6	0.0	86.6
Total	Lumens	16683.0	0.0	16683.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.0	1.1
10°-20°	485.6	2.9
20°-30°	920.1	5.5
30°-40°	1861.8	11.2
40°-50°	3171.6	19.0
50°-60°	4313.2	25.9
60°-70°	4050.3	24.3
70°-80°	1622.7	9.7
80°-90°	78.6	0.5
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°	16683.0	100.0
0°-180°	16683.0	100.0

Coefficient of Utilization



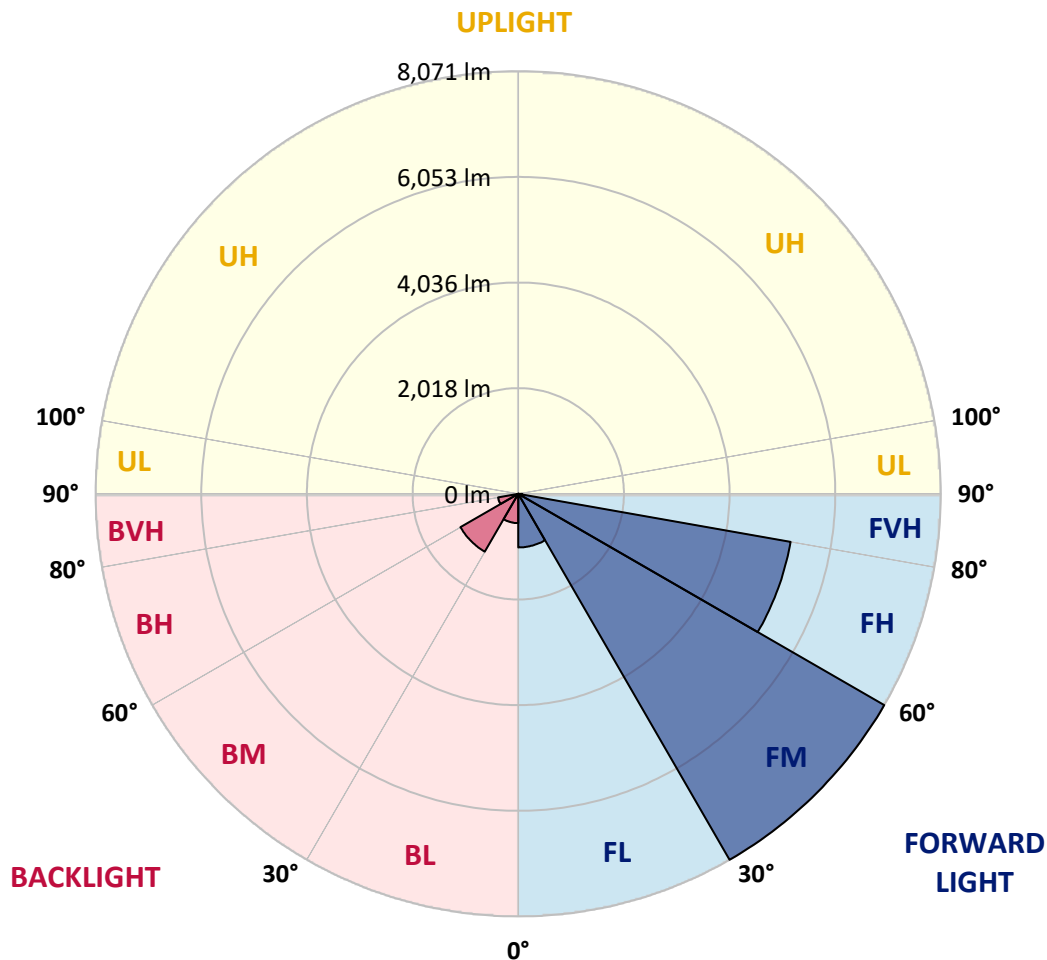
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1024.5	6.1			
FM (30°-60°)	8071.2	48.4			
FH (60°-80°)	5281.5	31.7			G3/7500
FVH (80°-90°)	74.8	0.4			G1/100
BL (0°-30°)	560.1	3.4	B2/1000		
BM (30°-60°)	1275.5	7.6	B2/2500		
BH (60°-80°)	391.6	2.3	B1/500		G1/500
BVH (80°-90°)	3.8	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4
2.5°	1933.7	1947.1	1943.8	1940.4	1939.3	1941.5	1942.6	1941.5	1941.5	1941.5
5°	1896.8	1908.0	1908.0	1915.8	1927.0	1940.4	1950.5	1952.7	1954.9	1958.3
7.5°	1826.3	1835.3	1842.0	1867.7	1895.7	1931.5	1961.7	1977.3	1979.5	1991.9
10°	1778.2	1789.4	1800.6	1827.4	1867.7	1921.4	1972.8	2010.9	2016.5	2045.5
12.5°	1776.0	1787.2	1801.7	1830.8	1877.8	1934.8	1997.4	2052.2	2062.3	2104.8
15°	1799.5	1812.9	1826.3	1862.1	1912.4	1981.8	2048.9	2117.1	2127.2	2187.6
17.5°	1847.6	1865.5	1875.5	1911.3	1965.0	2042.2	2130.5	2208.8	2217.8	2288.2
20°	1942.6	1963.9	1967.2	1996.3	2048.9	2131.7	2236.8	2334.1	2345.3	2425.8
22.5°	2139.5	2169.7	2142.8	2157.4	2204.3	2287.1	2401.2	2524.2	2539.9	2631.6
25°	2486.2	2528.7	2459.3	2434.7	2454.9	2541.0	2684.1	2839.6	2857.5	2931.3
27.5°	3167.3	3112.5	3007.3	2904.5	2844.1	2893.3	3054.3	3246.7	3269.1	3340.6
30°	3915.5	3867.4	3725.4	3497.2	3354.1	3346.2	3495.0	3709.7	3735.4	3803.6
32.5°	4664.8	4618.9	4464.6	4183.9	3935.6	3812.6	3915.5	4153.7	4167.1	4210.7
35°	5401.8	5354.8	5200.5	4913.1	4607.8	4328.2	4308.0	4576.5	4580.9	4626.8
37.5°	6143.3	6104.2	5939.8	5657.9	5357.1	4971.2	4784.5	4976.8	4982.4	5027.2
40°	6672.3	6689.1	6576.1	6358.0	6099.7	5678.1	5319.1	5402.9	5369.4	5444.3
42.5°	7126.4	7159.9	7061.5	6951.9	6802.0	6430.7	5981.1	5966.6	5912.9	5953.2
45°	7518.9	7546.9	7458.5	7432.8	7429.5	7168.9	6704.7	6617.5	6542.6	6534.8
47.5°	7663.2	7716.9	7754.9	7841.0	8008.8	7899.2	7452.9	7317.6	7233.7	7172.2
50°	7718.0	7775.0	7904.8	8155.3	8552.3	8599.3	8197.8	8045.7	7942.8	7831.0
52.5°	7644.2	7746.0	7920.4	8342.1	8918.0	9160.7	8912.4	8779.4	8661.9	8479.6
55°	7209.1	7310.9	7667.7	8339.8	9100.3	9554.4	9588.0	9528.7	9396.7	9109.3
57.5°	6292.1	6443.0	7007.8	8055.8	9097.0	9893.3	10250.0	10292.5	10144.9	9733.3
60°	5021.6	5226.2	5915.2	7426.1	8816.3	10076.7	10830.5	11043.0	10886.4	10348.5
62.5°	3503.9	3741.0	4393.0	6439.7	8174.3	9944.7	11254.4	11646.9	11528.4	10898.7
65°	2137.2	2213.3	2738.9	5067.4	7082.8	9392.2	11385.2	11973.5	11934.3	11235.3
67.5°	1423.7	1487.5	1638.4	3474.8	5498.0	8288.4	11072.1	11916.4	11927.6	11180.5
70°	857.8	912.6	1011.0	2020.9	3563.2	6560.5	10102.4	11189.5	11254.4	10448.0
72.5°	353.4	390.3	479.8	916.0	1845.3	4163.8	8044.6	9607.0	9758.0	8785.0
75°	200.2	219.2	281.8	459.7	800.8	1940.4	4872.8	6819.9	7042.5	6055.0
77.5°	133.1	142.0	182.3	297.5	450.7	662.1	2082.4	3553.1	3978.1	3307.1
80°	89.5	97.3	125.3	199.1	293.0	284.1	663.2	1316.3	1619.4	1136.3
82.5°	60.4	61.5	89.5	130.9	185.7	137.6	195.7	409.3	514.5	328.8
85°	34.7	33.6	66.0	76.1	82.8	57.0	59.3	123.0	161.0	138.7
87.5°	4.5	6.7	25.7	20.1	11.2	12.3	12.3	21.2	31.3	33.6
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°
1940.4	0°	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4	1940.4
1942.6	2.5°	1942.6	1941.5	1938.2	1934.8	1927.0	1922.5	1924.7	1922.5	1921.4
1957.2	5°	1957.2	1953.8	1944.9	1933.7	1918.0	1899.0	1886.7	1868.8	1852.1
1996.3	7.5°	1996.3	1993.0	1980.7	1949.4	1899.0	1819.6	1746.9	1683.2	1635.1
2059.0	10°	2059.0	2053.4	2034.4	1965.0	1833.0	1659.7	1515.4	1395.8	1317.5
2132.8	12.5°	2132.8	2126.1	2092.5	1950.5	1707.8	1437.1	1238.1	1105.0	1032.3
2217.8	15°	2220.0	2211.1	2145.1	1881.1	1525.5	1191.1	1008.8	909.3	862.3
2326.3	17.5°	2328.5	2312.8	2184.2	1777.1	1327.5	1003.2	867.9	792.9	751.6
2468.3	20°	2469.4	2443.7	2215.5	1653.0	1145.2	884.6	772.8	710.2	678.9
2669.6	22.5°	2666.2	2629.3	2253.6	1518.8	1016.6	803.0	702.3	656.5	630.8
2950.3	25°	2910.1	2866.4	2300.5	1394.6	928.3	732.5	650.9	612.9	582.7
3318.3	27.5°	3251.2	3172.9	2356.4	1292.9	852.2	672.2	603.9	561.4	526.8
3735.4	30°	3631.4	3502.8	2405.7	1231.3	782.9	616.2	542.4	499.9	467.5
4110.1	32.5°	3991.5	3817.1	2438.1	1204.5	720.2	552.5	475.3	429.5	404.9
4476.9	35°	4331.5	4101.1	2434.7	1178.8	664.3	488.7	409.3	362.4	343.3
4871.7	37.5°	4723.0	4404.2	2411.2	1138.5	618.5	430.6	352.3	310.9	294.1
5351.5	40°	5178.1	4754.3	2396.7	1062.5	568.1	376.9	305.3	271.8	259.5
5857.0	42.5°	5663.5	5093.1	2398.9	976.4	505.5	328.8	272.9	244.9	233.7
6419.6	45°	6151.1	5416.4	2402.3	886.9	439.5	291.9	249.4	225.9	219.2
6989.9	47.5°	6609.7	5691.5	2339.7	790.7	374.7	263.9	230.4	214.7	209.1
7562.6	50°	7036.9	5874.9	2188.7	678.9	323.2	241.6	215.8	204.7	199.1
8081.5	52.5°	7369.1	5904.0	1939.3	563.7	287.4	224.8	206.9	196.8	190.1
8500.9	55°	7516.7	5721.7	1584.8	456.3	259.5	210.3	198.0	187.9	180.1
8830.8	57.5°	7478.7	5338.1	1235.8	366.8	232.6	195.7	186.8	180.1	171.1
9098.1	60°	7291.9	4824.7	931.6	305.3	208.0	180.1	174.5	168.9	156.6
9201.0	62.5°	6968.7	4179.4	664.3	252.8	181.2	162.2	159.9	155.5	137.6
9048.9	65°	6474.4	3395.4	447.4	210.3	155.5	142.0	143.2	135.3	111.8
8491.9	67.5°	5751.9	2482.8	286.3	172.2	129.7	118.5	119.7	115.2	95.1
7436.2	70°	4831.4	1644.0	186.8	130.9	104.0	91.7	98.4	99.5	80.5
5707.1	72.5°	3541.9	970.8	130.9	97.3	76.1	63.7	80.5	82.8	64.9
3433.5	75°	2018.7	460.8	98.4	70.5	47.0	44.7	62.6	62.6	44.7
1486.3	77.5°	847.7	192.4	69.3	45.9	26.8	25.7	42.5	39.1	22.4
362.4	80°	244.9	86.1	36.9	22.4	11.2	10.1	16.8	12.3	5.6
137.6	82.5°	96.2	38.0	14.5	8.9	4.5	4.5	2.2	0.0	0.0
78.3	85°	57.0	15.7	6.7	3.4	1.1	0.0	0.0	0.0	0.0
16.8	87.5°	14.5	3.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END O

180°
1940.4
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