

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: P852762

Luminaire Tested: **GLAN-SB6B-722-U-T4FT-HSS**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852762
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6B-722-U-T4FT-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20217 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G4

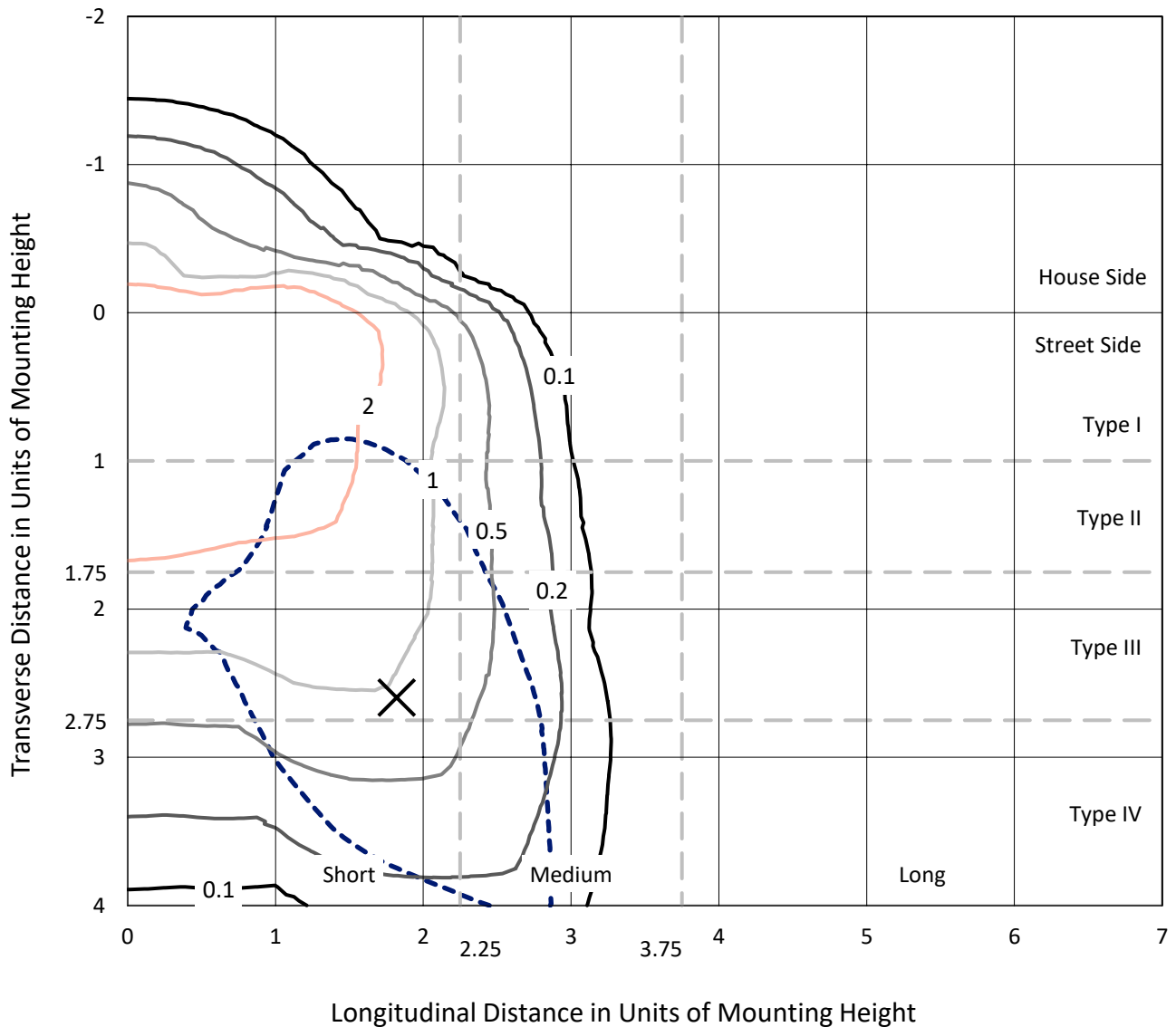
Input Watts (W): 220.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

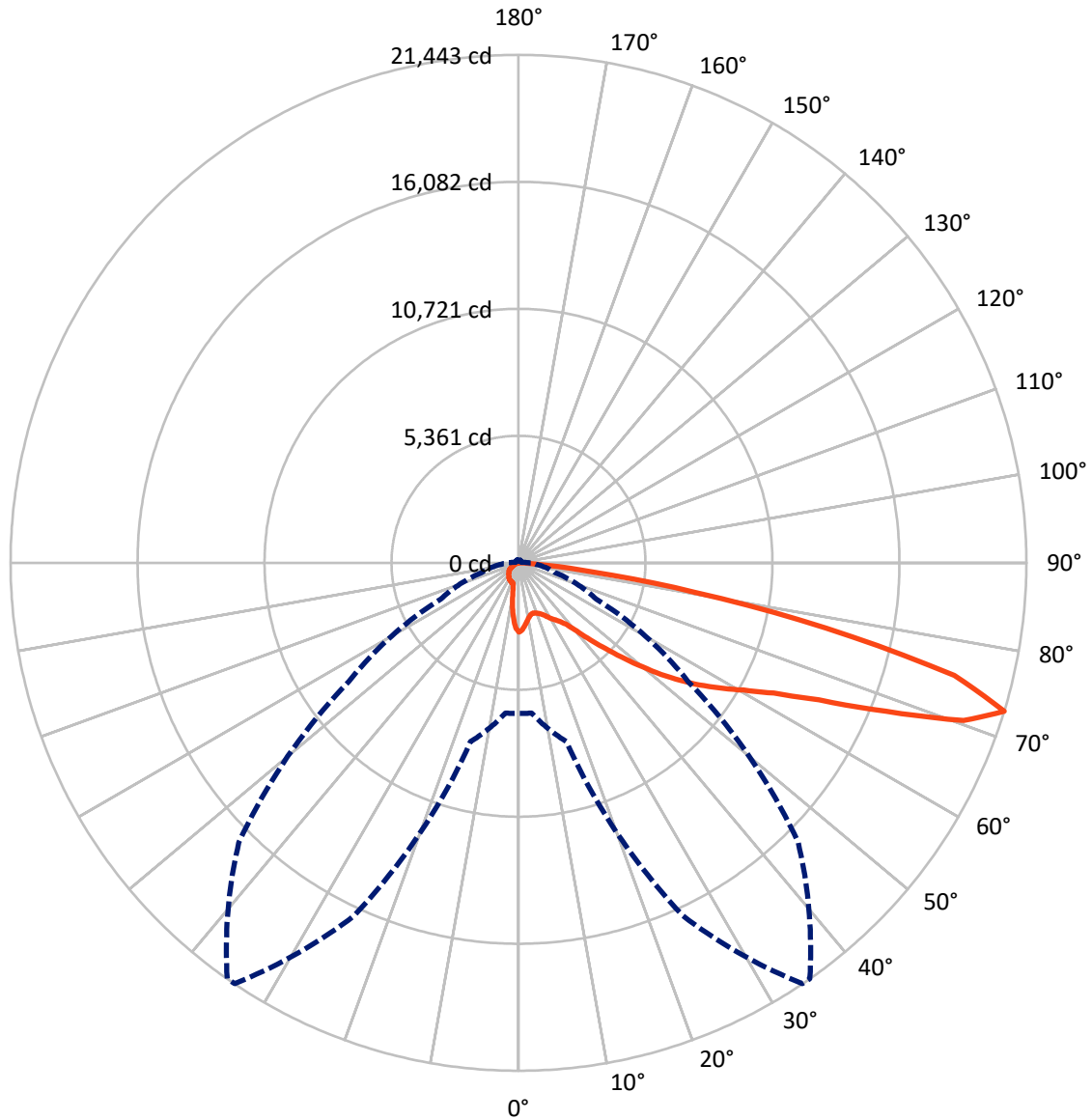
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2275.3	0.0	2275.3
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	17941.7	0.0	17941.7
	% Fixture	88.7	0.0	88.7
Total	Lumens	20217.0	0.0	20217.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.8	1.2
10°-20°	563.3	2.8
20°-30°	915.0	4.5
30°-40°	1526.7	7.6
40°-50°	2888.6	14.3
50°-60°	4589.9	22.7
60°-70°	5678.0	28.1
70°-80°	3529.5	17.5
80°-90°	285.2	1.4
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°	20217.0	100.0
0°-180°	20217.0	100.0

Coefficient of Utilization

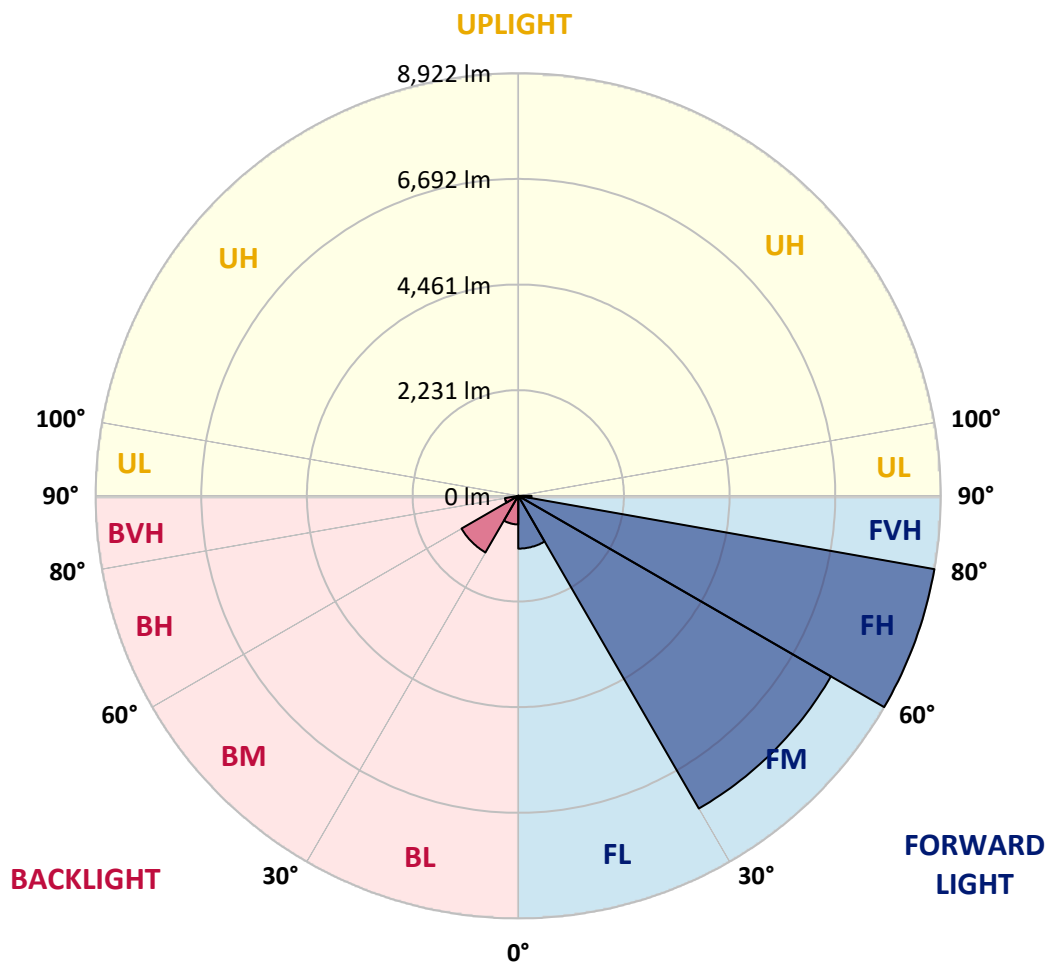


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1114.5	5.5			
FM (30°-60°)	7623.8	37.7			
FH (60°-80°)	8922.0	44.1			G4/12000
FVH (80°-90°)	281.4	1.4			G3/500
BL (0°-30°)	604.6	3.0	B2/1000		
BM (30°-60°)	1381.3	6.8	B2/2500		
BH (60°-80°)	285.5	1.4	B1/500		G1/500
BVH (80°-90°)	3.9	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-G4
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1
2.5°	2799.8	2823.5	2827.9	2835.3	2835.3	2844.2	2859.0	2879.8	2913.8	2931.6
5°	2580.5	2598.3	2620.5	2638.3	2672.4	2676.8	2734.6	2790.9	2869.4	2928.6
7.5°	2359.8	2380.5	2410.2	2453.1	2497.6	2510.9	2598.3	2693.1	2817.5	2928.6
10°	2204.3	2205.7	2232.4	2275.4	2346.5	2362.8	2469.4	2604.2	2759.8	2910.9
12.5°	2116.9	2127.2	2139.1	2171.7	2239.8	2250.2	2364.2	2522.7	2702.0	2900.5
15°	2116.9	2124.3	2131.7	2148.0	2202.8	2211.7	2312.4	2470.9	2672.4	2904.9
17.5°	2139.1	2150.9	2145.0	2164.3	2222.0	2228.0	2316.8	2456.1	2670.9	2933.1
20°	2192.4	2201.3	2189.4	2201.3	2259.1	2270.9	2362.8	2484.2	2696.1	2982.0
22.5°	2276.8	2281.3	2253.1	2262.0	2321.3	2336.1	2442.8	2564.2	2756.8	3060.5
25°	2383.5	2392.4	2349.4	2359.8	2416.1	2433.9	2556.8	2684.2	2853.1	3168.6
27.5°	2506.5	2510.9	2473.9	2472.4	2545.0	2570.2	2694.6	2832.4	2982.0	3304.9
30°	2647.2	2660.5	2625.0	2619.0	2710.9	2731.6	2854.6	3014.6	3171.6	3509.3
32.5°	2758.3	2768.7	2747.9	2762.7	2856.1	2872.3	3048.6	3272.3	3469.3	3799.7
35°	2918.3	2924.2	2876.8	2903.5	3010.1	3051.6	3313.8	3633.8	3844.1	4164.1
37.5°	3497.5	3497.5	3296.0	3164.2	3266.4	3303.4	3676.7	4088.5	4306.3	4652.9
40°	4298.9	4285.6	3990.8	3721.2	3707.8	3780.4	4193.7	4661.8	4903.3	5239.6
42.5°	5153.6	5132.9	4731.4	4464.8	4420.4	4445.5	4790.7	5368.4	5614.3	5955.0
45°	5912.1	5906.2	5538.8	5180.3	5100.3	5180.3	5535.8	6195.0	6371.3	6729.8
47.5°	6547.6	6547.6	6279.5	6045.4	6003.9	6051.3	6544.6	7112.0	7095.7	7554.9
50°	7279.4	7273.5	7018.7	6917.9	6960.9	7027.6	7706.0	8077.8	7845.3	8365.2
52.5°	7791.9	7827.5	7740.1	7723.8	7943.0	8058.6	8885.2	9022.9	8516.3	9134.0
55°	8197.8	8239.3	8340.0	8454.1	8876.3	9027.4	10027.3	9919.2	9077.7	9800.6
57.5°	8772.6	8713.3	8868.9	9094.0	9776.9	9959.2	11133.9	10765.0	9529.6	10341.3
60°	9470.3	9479.2	9505.9	9790.3	10676.1	10910.2	12224.1	11564.9	9819.9	10673.2
62.5°	10308.8	10322.1	10376.9	10813.9	11883.4	12104.2	13385.5	12219.7	9953.2	10579.8
65°	10251.0	10307.3	10919.1	12413.8	13718.8	13936.6	14741.0	12678.9	9751.8	9726.6
67.5°	9338.5	9430.3	10453.9	14324.7	16486.0	16728.9	16379.3	12769.3	8882.2	7563.8
70°	8141.5	8174.1	9405.1	16043.1	19690.2	19936.1	17845.9	11775.3	6740.2	4218.9
72.5°	6358.0	6365.4	7809.7	16441.6	21429.3	21442.6	16694.9	8741.5	3624.9	1620.6
75°	4541.8	4497.4	5230.7	13333.7	18853.2	19004.3	12516.0	4100.4	1385.1	765.9
77.5°	2435.3	2484.2	2959.7	7907.5	13024.1	13281.8	6829.0	1182.1	705.1	521.4
80°	752.5	794.0	1213.2	3620.4	7377.2	7532.7	2531.6	525.9	491.8	371.8
82.5°	237.0	245.9	565.9	1521.4	3062.0	3133.1	733.3	297.8	336.3	245.9
85°	68.1	69.6	251.8	567.4	757.0	771.8	205.9	115.5	192.6	152.6
87.5°	7.4	23.7	94.8	94.8	66.7	65.2	22.2	25.2	54.8	19.3
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°
2930.1	0°	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1	2930.1
2943.5	2.5°	2936.0	2937.5	2918.3	2885.7	2850.1	2820.5	2783.5	2753.8	2733.1	2727.2
2970.1	5°	2956.8	2946.4	2891.6	2792.4	2673.8	2571.6	2457.6	2367.2	2308.0	2282.8
2998.3	7.5°	2987.9	2958.3	2838.3	2642.7	2416.1	2214.6	2010.2	1851.7	1751.0	1700.6
3024.9	10°	3014.6	2955.3	2749.4	2426.5	2079.8	1774.7	1499.1	1308.0	1201.4	1151.0
3056.0	12.5°	3039.7	2953.8	2633.9	2170.2	1700.6	1327.3	1071.0	976.2	946.6	936.2
3106.4	15°	3087.1	2958.3	2488.7	1876.9	1322.9	1002.9	909.6	908.1	914.0	911.0
3183.4	17.5°	3152.3	2962.7	2324.2	1565.8	1020.7	884.4	879.9	893.3	902.1	897.7
3279.7	20°	3236.8	2980.5	2149.4	1257.7	877.0	854.7	865.1	877.0	884.4	877.0
3408.6	22.5°	3355.3	3011.6	1958.4	1010.3	831.0	837.0	845.9	859.2	866.6	856.2
3573.0	25°	3500.4	3060.5	1770.2	878.4	808.8	816.2	829.6	844.4	853.3	842.9
3780.4	27.5°	3688.6	3139.0	1596.9	848.8	786.6	791.0	810.3	832.5	844.4	831.0
4075.2	30°	3961.1	3267.9	1447.3	862.1	773.3	762.9	789.6	820.7	834.0	822.2
4476.7	32.5°	4322.6	3450.1	1355.4	882.9	767.3	730.3	755.5	795.5	817.7	810.3
5001.1	35°	4796.6	3727.1	1319.9	906.6	762.9	696.2	714.0	757.0	795.5	802.9
5661.7	37.5°	5371.4	4112.2	1330.3	917.0	749.6	668.1	677.0	714.0	764.4	788.1
6405.4	40°	6024.7	4561.1	1389.5	906.6	734.8	644.4	645.9	674.0	718.5	754.0
7205.3	42.5°	6698.7	5085.5	1499.1	868.1	721.4	623.7	619.2	638.5	668.1	693.3
8003.8	45°	7340.1	5624.7	1607.3	814.7	705.1	602.9	592.5	599.9	605.9	616.2
8781.5	47.5°	7900.1	6003.9	1576.2	765.9	682.9	579.2	561.4	558.5	540.7	539.2
9476.2	50°	8286.7	6086.9	1399.9	717.0	650.3	552.5	524.4	506.6	475.5	460.7
9996.2	52.5°	8409.7	5759.5	1143.6	668.1	597.0	517.0	477.0	448.9	410.3	397.0
10295.4	55°	8246.7	5118.1	914.0	608.8	522.9	469.6	425.1	388.1	357.0	340.7
10328.0	57.5°	7848.2	4301.9	722.9	539.2	444.4	416.3	371.8	334.8	308.1	291.8
9966.6	60°	7187.5	3416.0	571.8	456.3	379.2	358.5	312.6	288.9	265.2	245.9
9033.3	62.5°	6184.7	2438.3	448.9	361.5	317.0	293.3	266.6	248.9	220.7	194.1
7354.9	65°	4826.3	1491.7	346.6	265.2	254.8	242.9	226.6	210.4	176.3	149.6
4798.1	67.5°	3044.2	706.6	247.4	200.0	201.5	195.5	188.1	174.8	149.6	125.9
2149.4	70°	1340.6	342.2	162.9	152.6	149.6	149.6	155.5	151.1	127.4	105.2
746.6	72.5°	456.3	183.7	121.5	115.5	108.1	106.7	130.4	125.9	102.2	81.5
371.8	75°	238.5	123.0	88.9	83.0	65.2	78.5	103.7	97.8	72.6	53.3
245.9	77.5°	155.5	87.4	60.7	53.3	37.0	51.8	77.0	68.1	43.0	26.7
161.5	80°	97.8	57.8	35.6	25.2	17.8	28.1	41.5	29.6	16.3	5.9
94.8	82.5°	51.8	29.6	13.3	8.9	7.4	8.9	10.4	7.4	3.0	0.0
48.9	85°	20.7	10.4	4.4	3.0	1.5	0.0	3.0	1.5	0.0	0.0
8.9	87.5°	7.4	1.5	0.0	0.0	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	0.0

(END O

180°
2930.1
2737.5
2291.7
1708.0
1152.5
933.3
909.6
896.2
875.5
854.7
841.4
831.0
820.7
810.3
802.9
794.0
765.9
703.6
622.2
537.7
462.2
395.5
340.7
288.9
241.5
189.6
145.2
123.0
100.7
77.0
48.9
23.7
4.4
0.0
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0.0
0.0

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