

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: P846547

Luminaire Tested: **GLAN-SB2B-722-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846547  
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-SB2B-722-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 2200K, 450mA 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: 6906 lumens  
Efficiency: N/A  
Efficacy: 93.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G2

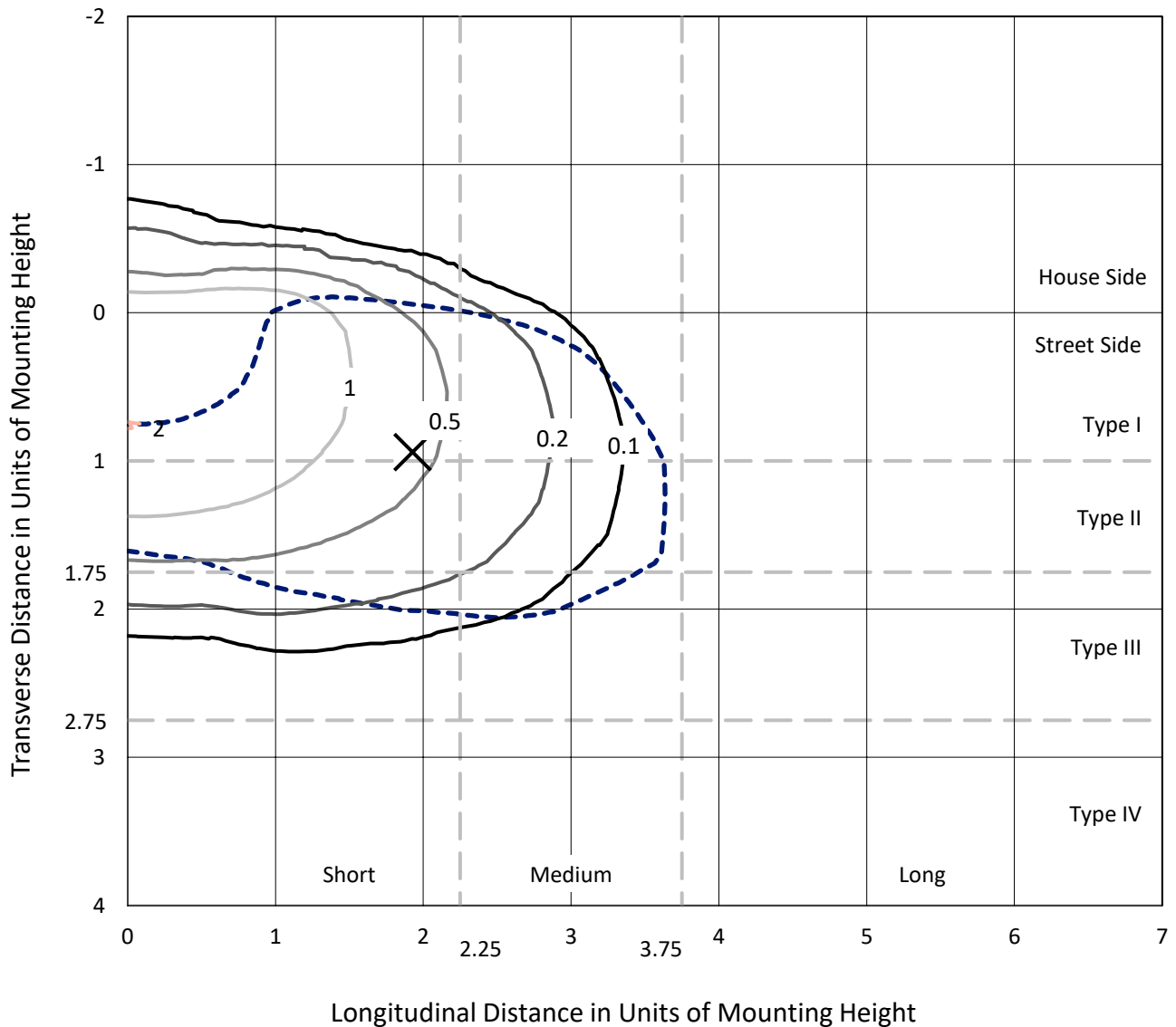
Input Watts (W): 73.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

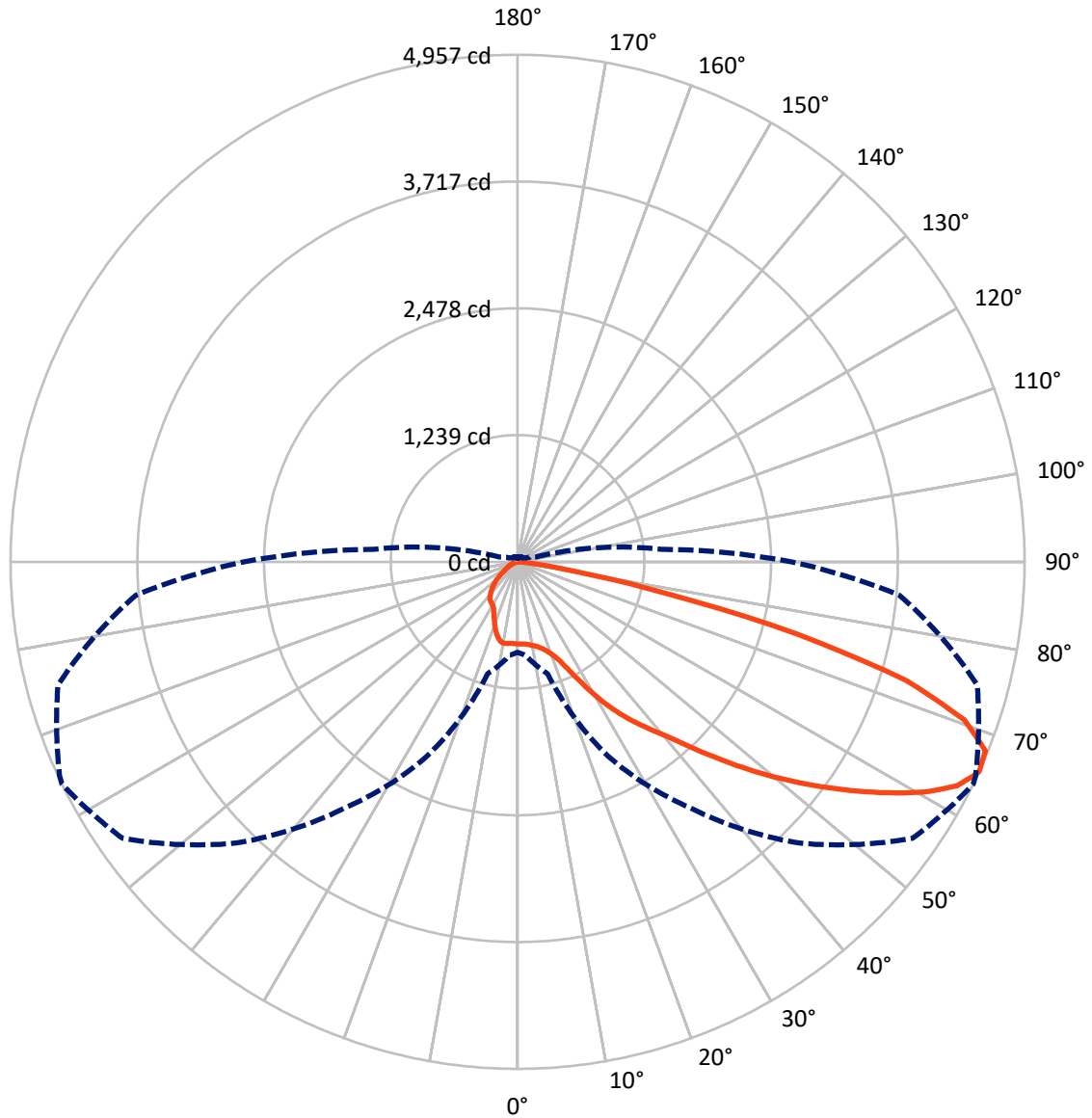
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 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
<b>House Side</b>	Lumens	923.5	0.0	923.5
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	5982.5	0.0	5982.5
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	6906.0	0.0	6906.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	74.1	1.1
10°-20°	201.0	2.9
20°-30°	380.9	5.5
30°-40°	770.7	11.2
40°-50°	1312.9	19.0
50°-60°	1785.5	25.9
60°-70°	1676.6	24.3
70°-80°	671.7	9.7
80°-90°	32.5	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°	6906.0	100.0
0°-180°	6906.0	100.0

**Coefficient of Utilization**

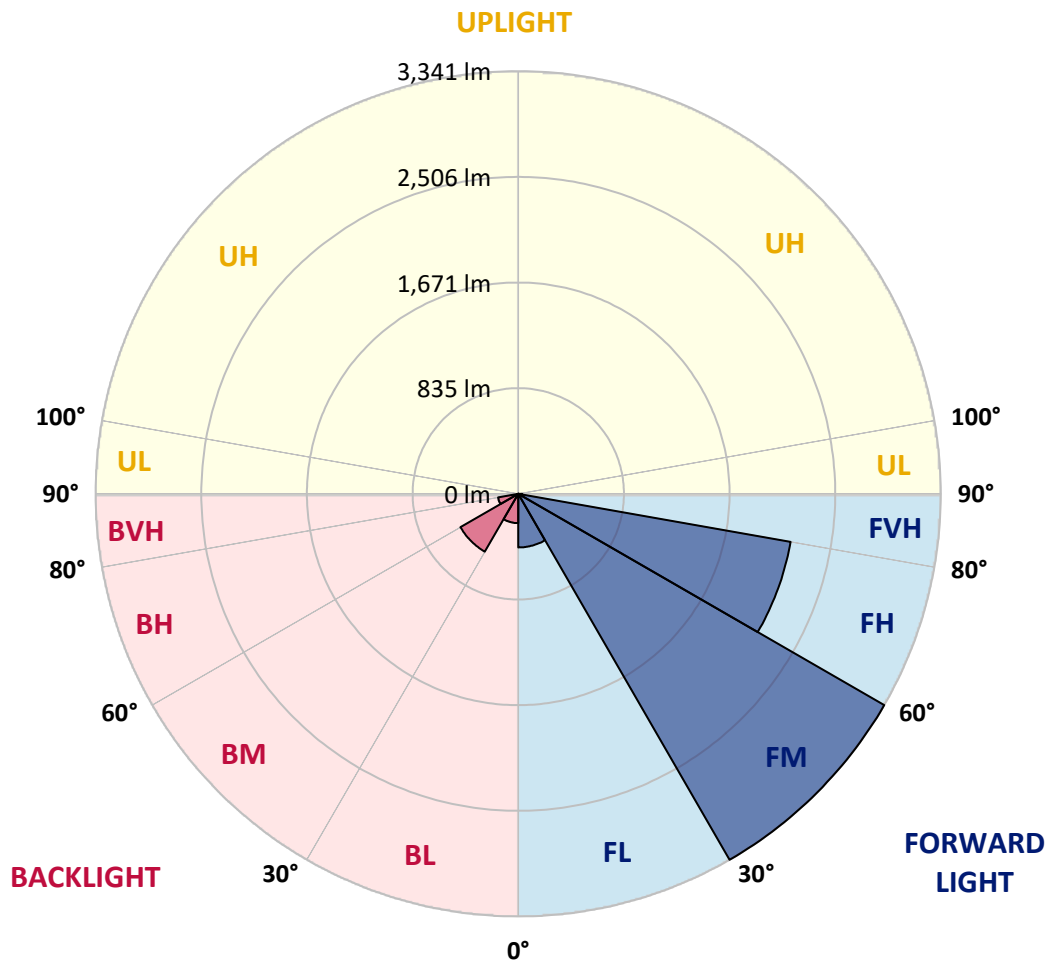


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	424.1	6.1			
FM (30°-60°)	3341.1	48.4			
FH (60°-80°)	2186.3	31.7			G2/5000
FVH (80°-90°)	31.0	0.4			G1/100
BL (0°-30°)	231.9	3.4	B1/500		
BM (30°-60°)	528.0	7.6	B1/1000		
BH (60°-80°)	162.1	2.3	B1/500		G1/500
BVH (80°-90°)	1.6	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**  
 Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	803.2	803.2	803.2	803.2	803.2	803.2	803.2	803.2	803.2	803.2
2.5°	800.5	806.0	804.6	803.2	802.8	803.7	804.2	803.7	803.7	803.7
5°	785.2	789.8	789.8	793.1	797.7	803.2	807.4	808.3	809.3	810.6
7.5°	756.0	759.7	762.5	773.1	784.7	799.5	812.0	818.5	819.4	824.5
10°	736.1	740.7	745.4	756.5	773.1	795.4	816.7	832.4	834.7	846.8
12.5°	735.2	739.8	745.8	757.9	777.3	800.9	826.9	849.5	853.7	871.3
15°	744.9	750.5	756.0	770.8	791.7	820.4	848.1	876.4	880.6	905.6
17.5°	764.8	772.2	776.4	791.2	813.4	845.4	881.9	914.4	918.1	947.2
20°	804.2	813.0	814.4	826.4	848.1	882.4	925.9	966.2	970.8	1004.2
22.5°	885.6	898.1	887.0	893.1	912.5	946.8	994.0	1044.9	1051.4	1089.4
25°	1029.2	1046.8	1018.1	1007.9	1016.2	1051.9	1111.1	1175.5	1182.9	1213.4
27.5°	1311.1	1288.4	1244.9	1202.3	1177.3	1197.7	1264.3	1344.0	1353.2	1382.9
30°	1620.8	1600.9	1542.1	1447.7	1388.4	1385.2	1446.8	1535.6	1546.3	1574.5
32.5°	1931.0	1912.0	1848.1	1731.9	1629.2	1578.2	1620.8	1719.4	1725.0	1743.1
35°	2236.1	2216.7	2152.8	2033.8	1907.4	1791.7	1783.3	1894.4	1896.3	1915.3
37.5°	2543.1	2526.8	2458.8	2342.1	2217.6	2057.9	1980.6	2060.2	2062.5	2081.0
40°	2762.0	2769.0	2722.2	2631.9	2525.0	2350.5	2201.8	2236.6	2222.7	2253.7
42.5°	2950.0	2963.9	2923.1	2877.8	2815.7	2662.0	2475.9	2469.9	2447.7	2464.3
45°	3112.5	3124.1	3087.5	3076.8	3075.5	2967.6	2775.5	2739.3	2708.3	2705.1
47.5°	3172.2	3194.4	3210.2	3245.8	3315.3	3269.9	3085.2	3029.2	2994.4	2969.0
50°	3194.9	3218.5	3272.2	3375.9	3540.3	3559.7	3393.5	3330.6	3288.0	3241.7
52.5°	3164.3	3206.5	3278.7	3453.2	3691.7	3792.1	3689.3	3634.3	3585.6	3510.2
55°	2984.3	3026.4	3174.1	3452.3	3767.1	3955.1	3969.0	3944.4	3889.8	3770.8
57.5°	2604.6	2667.1	2900.9	3334.7	3765.7	4095.4	4243.0	4260.6	4199.5	4029.2
60°	2078.7	2163.4	2448.6	3074.1	3649.5	4171.3	4483.3	4571.3	4506.5	4283.8
62.5°	1450.5	1548.6	1818.5	2665.7	3383.8	4116.7	4658.8	4821.3	4772.2	4511.6
65°	884.7	916.2	1133.8	2097.7	2931.9	3888.0	4713.0	4956.5	4940.3	4650.9
67.5°	589.4	615.7	678.2	1438.4	2275.9	3431.0	4583.3	4932.9	4937.5	4628.2
70°	355.1	377.8	418.5	836.6	1475.0	2715.7	4181.9	4631.9	4658.8	4325.0
72.5°	146.3	161.6	198.6	379.2	763.9	1723.6	3330.1	3976.8	4039.3	3636.6
75°	82.9	90.7	116.7	190.3	331.5	803.2	2017.1	2823.1	2915.3	2506.5
77.5°	55.1	58.8	75.5	123.1	186.6	274.1	862.0	1470.8	1646.8	1369.0
80°	37.0	40.3	51.9	82.4	121.3	117.6	274.5	544.9	670.4	470.4
82.5°	25.0	25.5	37.0	54.2	76.9	56.9	81.0	169.4	213.0	136.1
85°	14.4	13.9	27.3	31.5	34.3	23.6	24.5	50.9	66.7	57.4
87.5°	1.9	2.8	10.6	8.3	4.6	5.1	5.1	8.8	13.0	13.9
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°
803.2	0°	803.2	803.2	803.2	803.2	803.2	803.2	803.2	803.2	803.2	803.2
804.2	2.5°	804.2	803.7	802.3	800.9	797.7	795.8	796.8	795.8	795.4	795.8
810.2	5°	810.2	808.8	805.1	800.5	794.0	786.1	781.0	773.6	766.7	762.5
826.4	7.5°	826.4	825.0	819.9	806.9	786.1	753.2	723.1	696.8	676.9	665.3
852.3	10°	852.3	850.0	842.1	813.4	758.8	687.0	627.3	577.8	545.4	530.1
882.9	12.5°	882.9	880.1	866.2	807.4	706.9	594.9	512.5	457.4	427.3	413.9
918.1	15°	919.0	915.3	888.0	778.7	631.5	493.1	417.6	376.4	356.9	344.9
963.0	17.5°	963.9	957.4	904.2	735.6	549.5	415.3	359.3	328.2	311.1	299.5
1021.8	20°	1022.2	1011.6	917.1	684.3	474.1	366.2	319.9	294.0	281.0	270.8
1105.1	22.5°	1103.7	1088.4	932.9	628.7	420.8	332.4	290.7	271.8	261.1	249.5
1221.3	25°	1204.6	1186.6	952.3	577.3	384.3	303.2	269.4	253.7	241.2	227.8
1373.6	27.5°	1345.8	1313.4	975.5	535.2	352.8	278.2	250.0	232.4	218.1	206.9
1546.3	30°	1503.2	1450.0	995.8	509.7	324.1	255.1	224.5	206.9	193.5	185.6
1701.4	32.5°	1652.3	1580.1	1009.3	498.6	298.1	228.7	196.8	177.8	167.6	165.3
1853.2	35°	1793.1	1697.7	1007.9	488.0	275.0	202.3	169.4	150.0	142.1	143.5
2016.7	37.5°	1955.1	1823.1	998.1	471.3	256.0	178.2	145.8	128.7	121.8	122.2
2215.3	40°	2143.5	1968.1	992.1	439.8	235.2	156.0	126.4	112.5	107.4	105.6
2424.5	42.5°	2344.4	2108.3	993.1	404.2	209.3	136.1	113.0	101.4	96.8	95.4
2657.4	45°	2546.3	2242.1	994.4	367.1	181.9	120.8	103.2	93.5	90.7	88.9
2893.5	47.5°	2736.1	2356.0	968.5	327.3	155.1	109.3	95.4	88.9	86.6	84.3
3130.6	50°	2913.0	2431.9	906.0	281.0	133.8	100.0	89.4	84.7	82.4	80.1
3345.4	52.5°	3050.5	2444.0	802.8	233.3	119.0	93.1	85.6	81.5	78.7	76.4
3519.0	55°	3111.6	2368.5	656.0	188.9	107.4	87.0	81.9	77.8	74.5	72.2
3655.5	57.5°	3095.8	2209.7	511.6	151.9	96.3	81.0	77.3	74.5	70.8	67.1
3766.2	60°	3018.5	1997.2	385.6	126.4	86.1	74.5	72.2	69.9	64.8	59.3
3808.8	62.5°	2884.7	1730.1	275.0	104.6	75.0	67.1	66.2	64.4	56.9	46.8
3745.8	65°	2680.1	1405.6	185.2	87.0	64.4	58.8	59.3	56.0	46.3	34.7
3515.3	67.5°	2381.0	1027.8	118.5	71.3	53.7	49.1	49.5	47.7	39.4	29.6
3078.2	70°	2000.0	680.6	77.3	54.2	43.1	38.0	40.7	41.2	33.3	24.1
2362.5	72.5°	1466.2	401.9	54.2	40.3	31.5	26.4	33.3	34.3	26.9	18.1
1421.3	75°	835.6	190.7	40.7	29.2	19.4	18.5	25.9	25.9	18.5	12.0
615.3	77.5°	350.9	79.6	28.7	19.0	11.1	10.6	17.6	16.2	9.3	5.6
150.0	80°	101.4	35.6	15.3	9.3	4.6	4.2	6.9	5.1	2.3	0.9
56.9	82.5°	39.8	15.7	6.0	3.7	1.9	1.9	0.9	0.0	0.0	0.0
32.4	85°	23.6	6.5	2.8	1.4	0.5	0.0	0.0	0.0	0.0	0.0
6.9	87.5°	6.0	1.4	0.9	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°
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803.2
797.7
763.4
665.7
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412.5
345.4
298.6
269.0
247.7
226.4
204.6
184.3
166.7
143.5
124.1
105.1
94.9
88.9
84.3
80.1
75.9
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