

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: P846165

Luminaire Tested: **GLAN-SB1C-930-U-T2-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846165  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1C-930-U-T2-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 90 CRI, 3000K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS WITH  
HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3691 lumens  
Efficiency: N/A  
Efficacy: 67.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U0 - G1

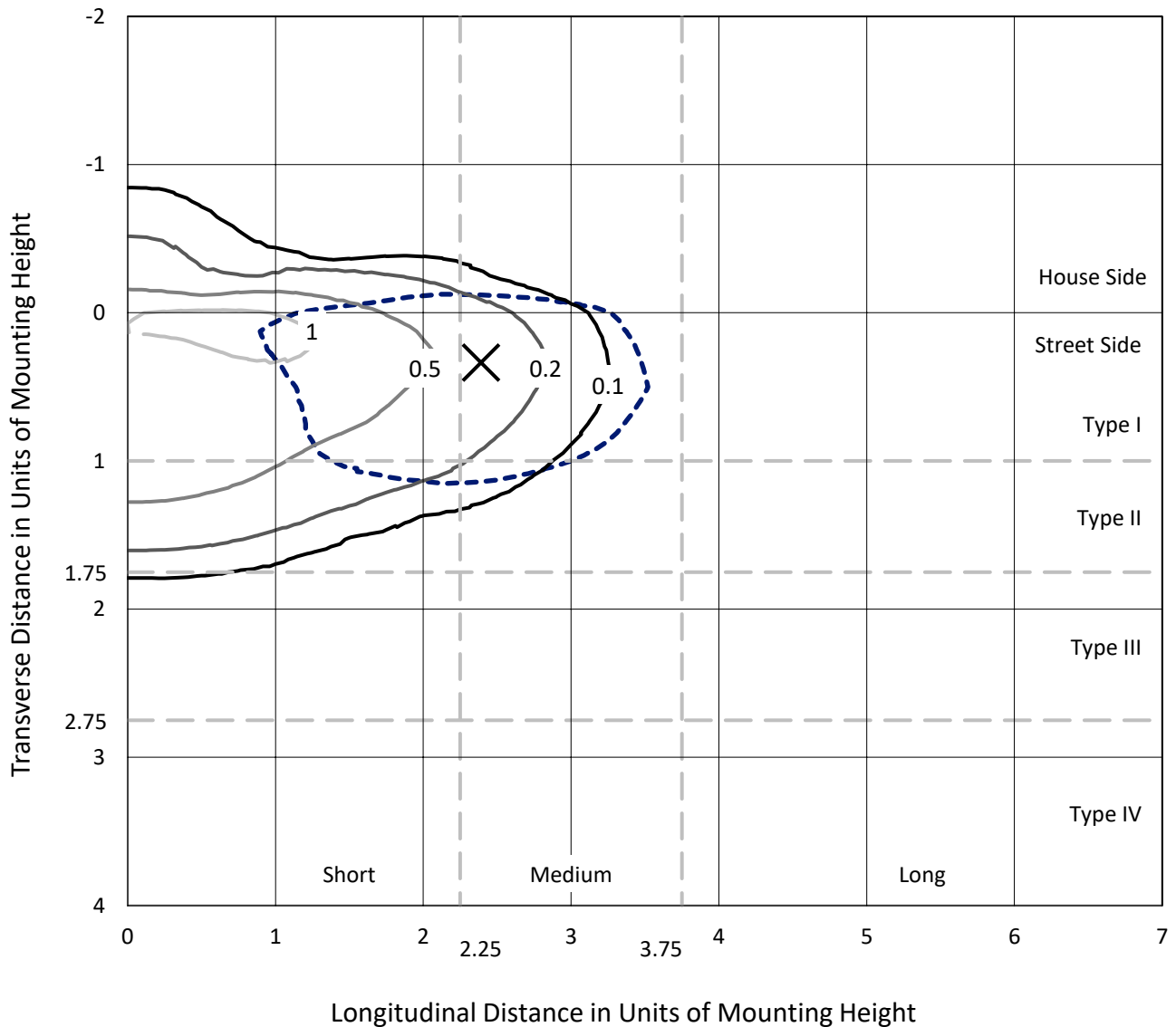
Input Watts (W): 54.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

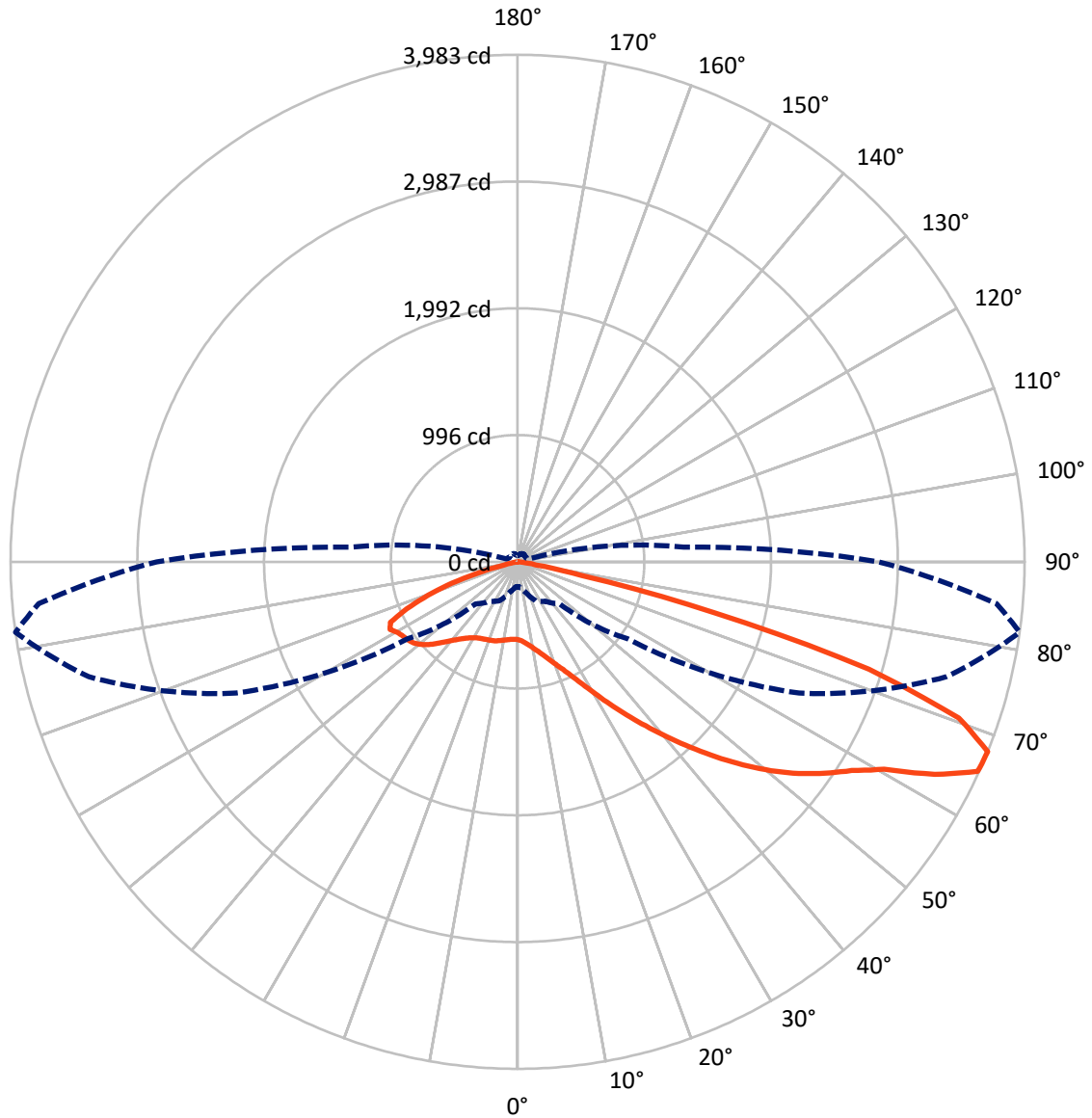
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc  
 Type II - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	668.6	0.0	668.6
	% Fixture	18.1	0.0	18.1
<b>Street Side</b>	Lumens	3022.4	0.0	3022.4
	% Fixture	81.9	0.0	81.9
<b>Total</b>	Lumens	3691.0	0.0	3691.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.5	1.5
10°-20°	141.6	3.8
20°-30°	226.7	6.1
30°-40°	401.0	10.9
40°-50°	702.5	19.0
50°-60°	936.9	25.4
60°-70°	872.3	23.6
70°-80°	334.8	9.1
80°-90°	20.8	0.6
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°	3691.0	100.0
0°-180°	3691.0	100.0

**Coefficient of Utilization**

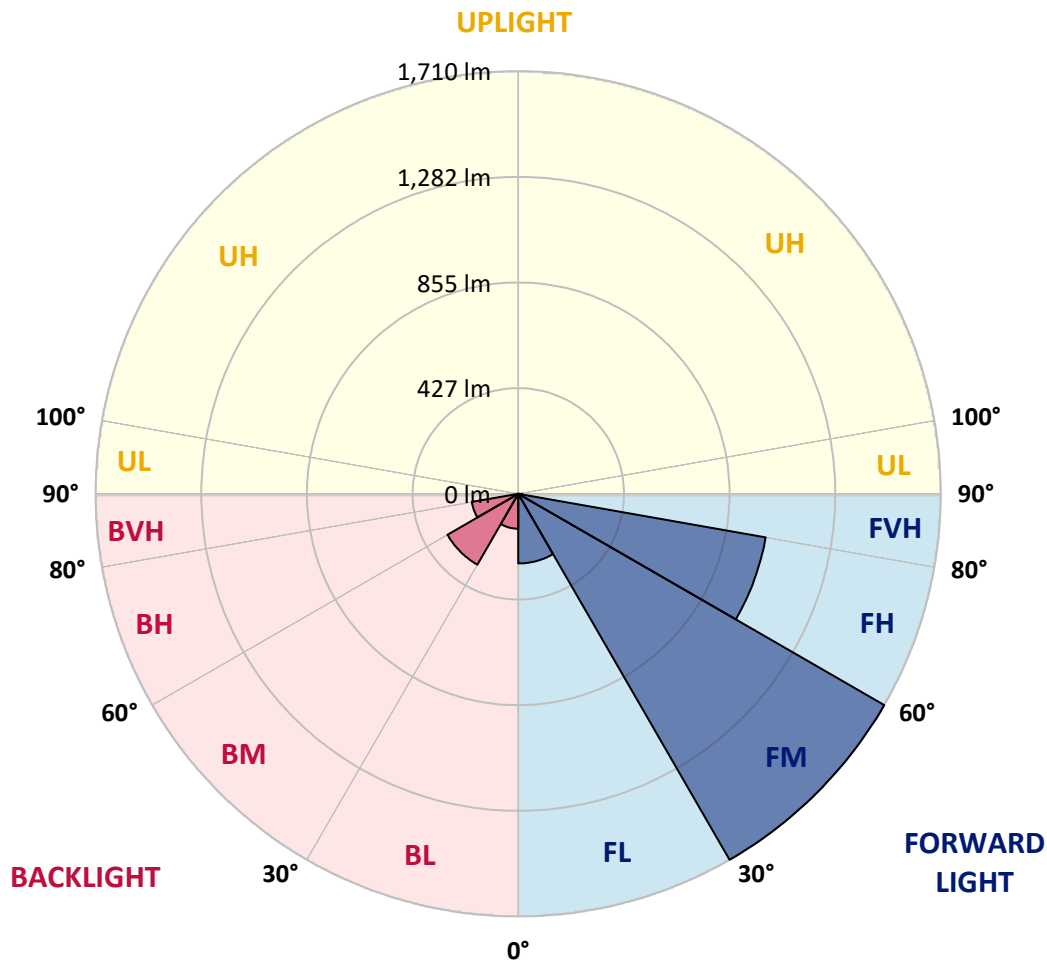


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	281.6	7.6			
FM (30°-60°)	1709.5	46.3			
FH (60°-80°)	1016.2	27.5			G1/1800
FVH (80°-90°)	15.1	0.4			G1/100
BL (0°-30°)	141.2	3.8	B1/500		
BM (30°-60°)	330.9	9.0	B1/1000		
BH (60°-80°)	190.8	5.2	B1/500		G1/500
BVH (80°-90°)	5.7	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**  
 Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	611.5	611.5	611.5	611.5	611.5	611.5	611.5	611.5	611.5	611.5
2.5°	646.3	650.0	647.9	646.8	645.0	642.3	640.2	633.5	626.6	622.1
5°	659.3	663.0	662.8	663.8	665.2	666.0	665.4	658.0	648.1	640.4
7.5°	648.1	652.4	655.9	661.2	670.5	680.3	685.1	683.5	673.4	662.8
10°	616.5	621.0	629.3	641.8	661.4	682.7	700.5	708.7	702.4	690.7
12.5°	558.6	563.1	579.3	606.4	639.4	676.3	710.3	732.4	734.0	722.3
15°	493.5	498.0	515.3	549.3	599.5	658.8	715.6	757.4	771.5	761.4
17.5°	453.1	457.1	470.1	497.5	549.8	623.7	713.8	783.9	816.1	808.1
20°	440.9	444.3	450.4	469.6	513.1	587.3	701.6	808.9	864.2	859.7
22.5°	453.9	457.1	458.9	467.4	494.8	563.4	686.1	834.4	920.0	920.5
25°	483.9	487.1	485.0	490.3	502.3	555.9	680.3	864.5	990.2	996.0
27.5°	533.3	533.6	528.6	528.3	530.2	567.1	686.4	896.6	1078.6	1089.5
30°	632.5	628.5	609.1	588.1	578.5	600.6	703.4	934.6	1183.1	1202.5
32.5°	785.3	779.4	743.8	693.6	643.1	654.5	734.0	977.9	1296.8	1331.9
35°	951.1	949.5	912.3	837.6	749.4	731.3	783.7	1034.8	1420.9	1476.7
37.5°	1105.2	1104.4	1083.2	995.2	887.8	838.4	863.4	1109.2	1553.8	1634.6
40°	1246.1	1248.5	1227.2	1148.5	1040.4	975.8	971.8	1201.2	1701.6	1806.5
42.5°	1367.8	1370.4	1348.9	1290.7	1191.1	1127.8	1105.0	1313.8	1845.8	1991.2
45°	1450.4	1466.9	1463.7	1417.2	1345.7	1280.1	1264.9	1455.2	2010.3	2187.1
47.5°	1473.8	1489.0	1512.9	1519.3	1475.7	1411.1	1429.2	1625.5	2176.7	2383.2
50°	1416.1	1430.2	1479.9	1546.1	1576.4	1556.5	1588.9	1808.1	2347.0	2578.8
52.5°	1302.4	1316.8	1379.5	1484.2	1607.7	1670.5	1749.1	1988.0	2512.1	2764.0
55°	1137.9	1153.1	1233.6	1352.1	1548.0	1717.5	1882.8	2167.7	2663.3	2930.6
57.5°	914.2	925.3	1009.0	1174.8	1397.5	1670.7	1981.4	2363.8	2805.7	3094.3
60°	595.8	605.6	702.9	887.8	1148.3	1514.5	2001.0	2582.5	2994.9	3307.2
62.5°	396.2	402.9	460.5	596.3	808.7	1214.4	1886.0	2757.1	3272.4	3677.6
65°	271.9	278.5	336.2	430.8	522.5	803.3	1555.1	2734.0	3523.7	3971.8
67.5°	194.0	199.6	248.5	337.8	378.2	466.6	1054.2	2438.5	3487.6	3983.0
70°	139.0	142.2	182.6	263.1	300.6	280.4	586.2	1865.0	3053.6	3677.9
72.5°	97.3	98.3	126.8	200.4	242.1	204.6	279.0	1243.4	2309.6	2886.8
75°	65.9	67.2	85.3	147.0	194.3	156.3	147.8	666.7	1355.8	1597.9
77.5°	40.4	40.9	55.0	100.5	145.4	119.1	95.1	282.5	524.6	515.0
80°	22.9	22.9	35.1	62.4	99.1	76.8	66.7	120.1	166.1	145.9
82.5°	12.8	13.0	25.5	38.8	65.6	45.4	36.7	55.5	71.8	63.5
85°	5.3	5.8	15.7	18.3	31.4	22.6	14.9	23.4	26.6	23.7
87.5°	0.5	0.8	4.8	3.5	3.7	4.5	2.1	4.5	3.7	3.7
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°
611.5	0°	611.5	611.5	611.5	611.5	611.5	611.5	611.5	611.5	611.5	611.5
620.5	2.5°	615.5	611.5	601.4	589.7	574.3	566.8	556.7	549.8	544.0	544.5
635.9	5°	627.4	617.3	594.7	566.6	531.5	506.5	479.9	461.6	446.7	443.5
657.2	7.5°	643.9	627.9	588.4	537.6	478.3	433.4	393.3	367.5	349.2	343.3
683.0	10°	665.2	642.0	580.1	501.2	415.9	358.8	315.7	295.5	283.0	278.8
713.3	12.5°	689.9	658.2	569.2	456.8	351.6	296.6	269.2	259.1	255.1	253.8
750.5	15°	721.0	678.4	552.7	404.2	297.1	258.6	246.9	245.5	246.1	245.5
795.1	17.5°	757.9	700.5	525.9	350.0	260.4	239.2	234.9	236.0	237.3	237.0
845.1	20°	798.3	722.3	491.6	301.9	235.4	225.3	223.0	224.0	225.1	224.6
902.7	22.5°	844.3	745.7	453.6	264.4	218.7	212.6	209.9	210.2	210.2	209.1
975.8	25°	899.3	771.5	413.8	237.8	206.0	201.2	198.0	196.9	195.3	192.1
1064.6	27.5°	964.9	798.8	375.5	219.2	195.9	191.3	187.6	185.0	181.0	175.7
1171.1	30°	1038.8	832.0	343.1	207.5	187.9	183.4	179.1	175.1	169.3	162.6
1293.6	32.5°	1125.7	867.6	319.4	199.8	180.7	175.9	170.9	166.1	159.7	153.1
1431.3	35°	1229.3	910.7	305.6	194.5	175.1	168.7	163.2	157.9	153.1	147.2
1580.9	37.5°	1341.7	956.4	301.4	191.9	171.4	161.6	155.2	151.5	150.9	147.5
1742.7	40°	1464.8	1010.6	304.5	190.3	167.4	154.7	147.8	147.0	148.3	142.2
1915.7	42.5°	1595.0	1074.9	309.9	188.4	161.8	147.8	141.1	141.1	140.0	131.5
2098.6	45°	1735.8	1149.1	315.2	183.9	155.2	140.8	135.8	133.9	129.4	121.2
2282.5	47.5°	1877.7	1224.5	319.2	175.7	147.2	135.0	130.5	126.2	119.6	112.1
2462.9	50°	2012.5	1292.3	314.9	163.4	138.2	129.4	124.6	118.8	111.6	106.6
2633.8	52.5°	2132.9	1351.0	296.8	149.1	128.6	123.6	119.3	113.2	107.4	102.0
2787.9	55°	2237.6	1398.6	264.9	135.5	120.1	118.5	114.3	106.6	98.6	94.1
2940.7	57.5°	2338.0	1434.7	225.1	124.4	112.4	112.9	106.6	99.7	92.2	87.4
3146.7	60°	2471.7	1483.1	184.7	114.0	104.2	105.8	98.9	93.8	84.5	78.4
3499.8	62.5°	2685.3	1558.3	146.7	101.2	94.6	95.1	92.2	86.1	74.9	67.8
3761.6	65°	2854.9	1530.7	115.6	87.4	83.7	84.5	84.5	77.9	65.9	57.7
3775.7	67.5°	2835.7	1310.6	92.2	73.9	73.3	73.9	75.7	70.2	58.5	51.8
3488.1	70°	2612.3	1042.5	73.9	61.4	63.8	62.4	67.8	64.0	52.6	46.0
2704.2	72.5°	2131.5	751.0	56.3	50.8	48.9	51.0	61.1	57.7	43.8	36.4
1432.4	75°	1245.5	400.7	42.0	40.1	35.3	42.5	54.2	49.2	33.5	26.8
439.0	77.5°	405.5	139.8	30.8	29.5	26.3	34.3	46.2	41.5	27.4	21.3
128.6	80°	108.7	42.3	21.0	19.4	17.0	25.5	36.7	33.0	19.7	13.8
55.3	82.5°	43.6	17.8	12.2	10.9	9.3	17.5	29.0	26.6	14.6	8.8
17.3	85°	14.1	5.8	4.5	3.5	4.3	10.9	17.3	18.1	10.4	4.5
2.7	87.5°	1.9	0.8	0.8	1.1	0.8	1.9	5.3	5.0	2.9	0.5
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°
611.5
539.2
436.3
337.5
275.6
253.0
245.3
236.5
224.3
208.6
191.6
175.1
162.1
153.3
146.7
147.2
142.4
131.5
120.9
111.9
105.8
101.5
93.5
86.9
77.6
67.2
56.9
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