

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: P846033

Luminaire Tested: **GLAN-SB1C-722-U-SL4**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846033  
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-SB1C-722-U-SL4  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT  
ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

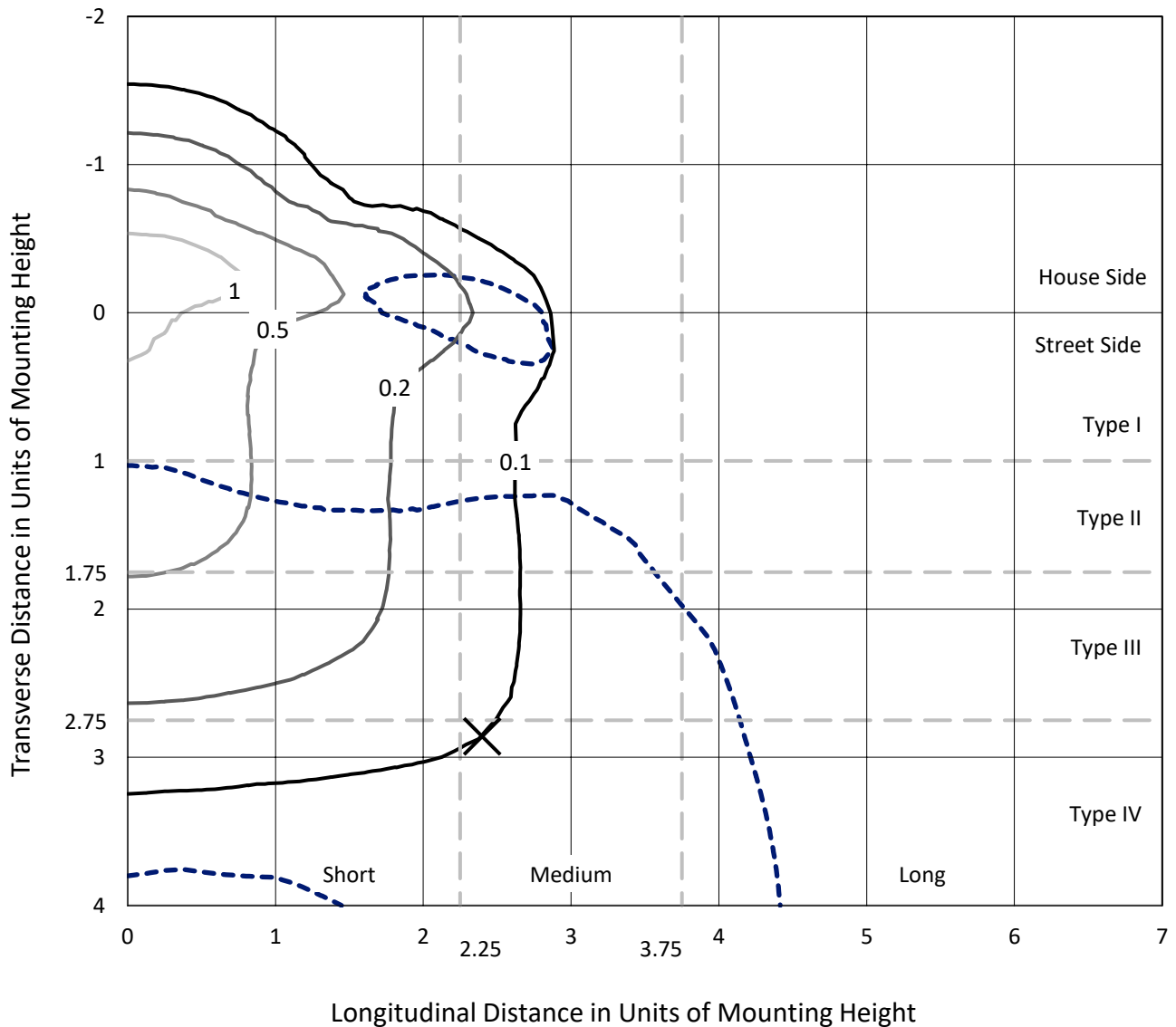
Lumens per Lamp: N/A  
Luminaire Lumens: 5807 lumens  
Efficiency: N/A  
Efficacy: 106.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 54.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

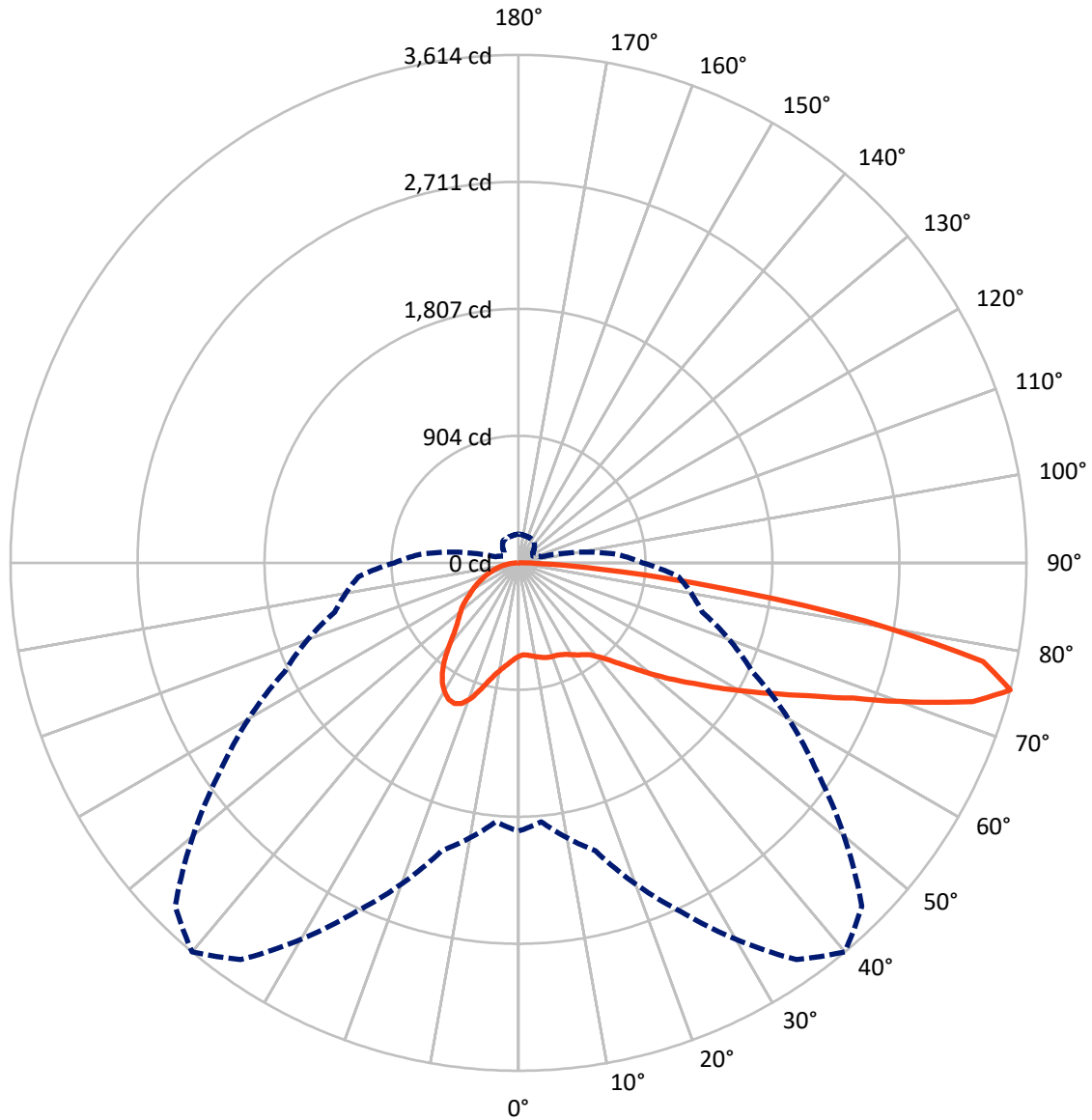
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 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	1799.2	0.0	1799.2
	% Fixture	31.0	0.0	31.0
<b>Street Side</b>	Lumens	4007.8	0.0	4007.8
	% Fixture	69.0	0.0	69.0
<b>Total</b>	Lumens	5807.0	0.0	5807.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.3	1.1
10°-20°	222.5	3.8
20°-30°	406.3	7.0
30°-40°	576.3	9.9
40°-50°	778.2	13.4
50°-60°	1046.9	18.0
60°-70°	1328.7	22.9
70°-80°	1205.9	20.8
80°-90°	175.8	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°	5807.0	100.0
0°-180°	5807.0	100.0

**Coefficient of Utilization**

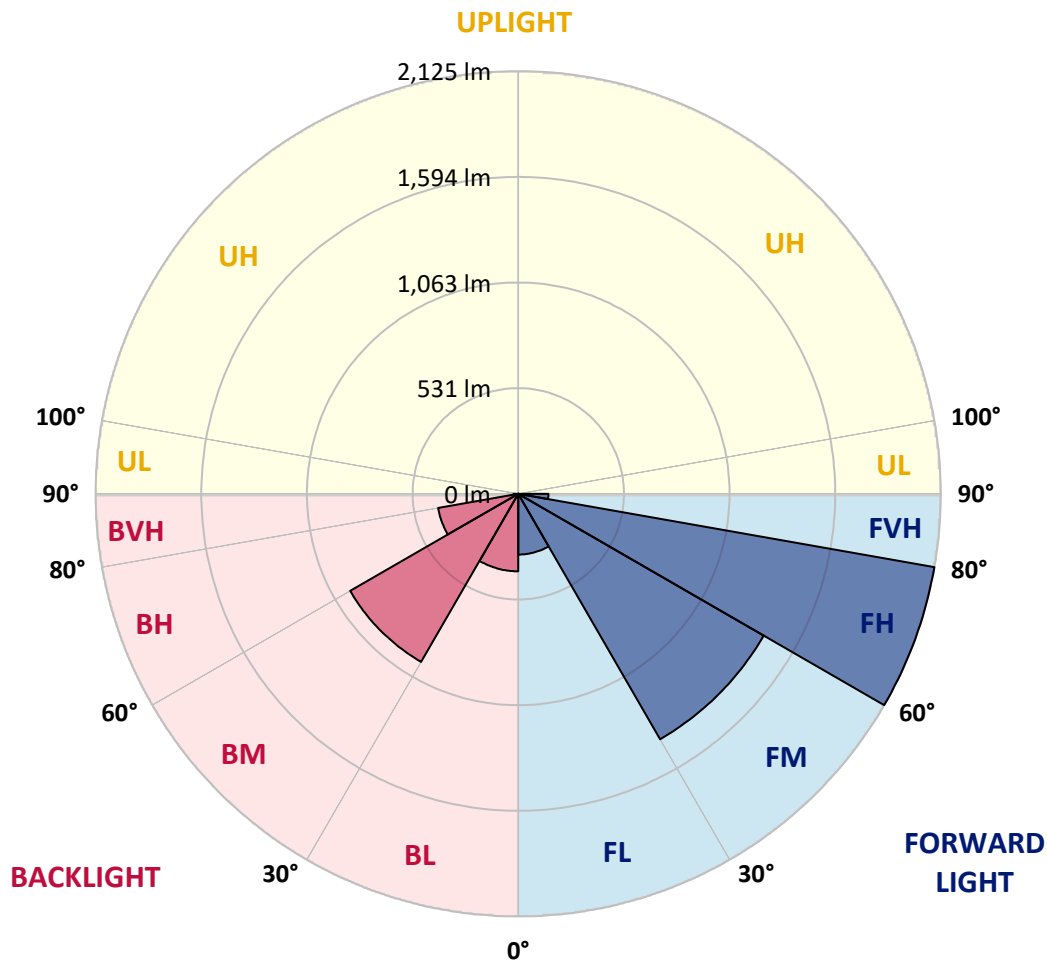


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	305.5	5.3			
FM (30°-60°)	1425.5	24.5			
FH (60°-80°)	2125.3	36.6			G2/5000
FVH (80°-90°)	151.6	2.6			G2/225
BL (0°-30°)	389.7	6.7	B1/500		
BM (30°-60°)	975.9	16.8	B1/1000		
BH (60°-80°)	409.4	7.0	B1/500		G1/500
BVH (80°-90°)	24.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**  
 Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0
2.5°	653.9	657.6	656.6	655.4	655.4	655.7	655.4	657.6	659.7	661.9
5°	660.7	664.3	662.5	661.0	659.7	659.4	658.5	658.2	659.4	662.2
7.5°	673.9	677.6	674.8	672.0	669.6	668.4	667.1	665.3	664.3	665.9
10°	688.7	692.4	689.0	684.1	680.1	678.5	677.3	675.4	674.2	675.1
12.5°	703.5	707.2	702.5	695.8	690.5	689.6	688.1	687.4	687.1	686.8
15°	717.3	720.4	714.5	706.5	701.0	699.5	697.9	698.8	700.4	702.2
17.5°	728.1	731.2	722.6	712.1	706.8	706.2	705.3	708.4	712.7	717.3
20°	738.0	741.0	729.9	715.8	709.6	709.6	709.9	716.4	722.6	729.3
22.5°	751.8	754.3	740.7	721.3	712.4	713.0	715.5	721.9	729.6	738.9
25°	772.5	774.3	757.7	731.8	721.6	723.5	725.6	728.7	736.1	746.9
27.5°	805.7	807.3	785.4	750.3	734.9	738.0	741.0	738.9	742.3	751.5
30°	852.5	853.5	825.7	779.2	757.4	758.9	759.5	750.6	744.1	751.5
32.5°	908.0	907.7	874.7	814.3	782.9	781.4	776.1	758.6	743.5	750.0
35°	993.9	990.5	948.0	863.6	811.9	802.3	790.0	767.5	746.6	748.4
37.5°	1136.2	1125.7	1066.9	944.3	855.0	830.7	812.5	782.0	753.4	747.8
40°	1296.7	1283.4	1218.7	1054.9	919.7	880.6	851.3	802.6	764.4	750.6
42.5°	1487.0	1468.2	1398.6	1185.2	1001.6	944.9	900.9	828.8	780.8	759.5
45°	1720.8	1695.8	1597.3	1332.1	1104.8	1029.3	970.5	868.5	805.7	776.8
47.5°	1957.0	1963.2	1823.0	1500.2	1228.6	1133.4	1057.7	928.3	842.1	804.5
50°	2208.0	2212.3	2047.6	1686.6	1369.0	1251.1	1155.6	995.1	892.6	843.9
52.5°	2403.9	2404.5	2251.4	1881.5	1515.3	1380.4	1261.2	1071.5	951.1	896.3
55°	2526.5	2524.9	2394.4	2066.0	1683.5	1516.3	1378.3	1158.4	1022.5	957.9
57.5°	2615.5	2610.9	2492.9	2224.7	1862.8	1676.7	1510.7	1256.9	1106.9	1031.2
60°	2649.4	2646.6	2559.8	2361.7	2051.2	1854.1	1663.5	1367.2	1202.7	1117.7
62.5°	2662.3	2667.5	2625.4	2494.5	2253.0	2050.6	1831.3	1499.0	1310.5	1215.7
65°	2707.9	2717.4	2708.8	2668.2	2480.9	2280.7	2054.0	1655.8	1428.2	1320.7
67.5°	2798.1	2807.7	2811.4	2876.1	2759.3	2567.5	2331.8	1851.1	1565.8	1429.7
70°	2796.0	2793.2	2858.5	3041.5	3108.0	2964.5	2706.4	2091.3	1730.0	1520.3
72.5°	2545.0	2522.8	2677.1	3039.6	3398.1	3379.0	3163.7	2401.1	1871.7	1531.4
75°	1909.3	1850.1	2122.7	2739.3	3446.5	3614.3	3454.5	2593.3	1838.1	1353.0
77.5°	816.5	757.1	1078.3	2027.8	3084.6	3378.7	3187.8	2262.5	1467.3	894.7
80°	213.7	213.4	325.9	919.4	2097.8	2495.1	2188.9	1461.1	838.4	319.7
82.5°	88.4	86.2	119.8	357.6	1025.0	1400.1	1142.7	651.7	302.8	86.5
85°	33.0	32.6	58.2	123.5	361.6	577.5	417.9	166.6	75.5	42.2
87.5°	9.2	8.9	12.6	42.8	88.1	133.7	71.5	27.4	21.3	16.6
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°
664.0	0°	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0	664.0
665.3	2.5°	666.2	667.7	670.5	672.7	675.4	678.5	682.8	685.6	688.4	690.2
666.8	5°	669.0	672.4	679.4	686.5	694.8	702.5	711.5	717.9	723.2	724.7
672.4	7.5°	675.1	680.7	692.7	704.7	717.9	730.6	743.5	754.6	763.5	766.9
682.2	10°	685.9	693.3	710.2	727.2	744.7	764.1	780.8	796.8	809.4	814.6
693.9	12.5°	699.5	708.7	730.9	754.3	778.6	805.4	827.0	846.7	862.4	869.5
710.2	15°	717.0	729.0	757.4	788.8	824.5	861.8	889.2	911.1	928.6	937.2
727.2	17.5°	736.1	752.1	787.9	835.3	886.4	935.4	967.4	983.4	1001.6	1009.9
742.9	20°	754.6	774.3	825.4	894.4	962.5	1014.5	1040.4	1044.7	1046.0	1046.9
757.7	22.5°	773.7	800.2	872.6	969.0	1041.9	1078.0	1081.7	1063.2	1037.3	1025.3
772.1	25°	794.6	829.7	934.2	1051.2	1110.3	1114.6	1086.3	1041.3	992.4	969.9
783.8	27.5°	815.0	863.9	1008.1	1129.7	1159.6	1121.7	1060.7	997.0	937.8	914.1
792.2	30°	835.3	903.0	1089.7	1198.4	1182.1	1104.2	1020.4	949.2	889.8	864.9
799.6	32.5°	855.9	948.6	1183.6	1248.0	1178.1	1066.9	970.2	895.7	843.3	817.1
806.0	35°	879.3	1004.7	1272.6	1275.1	1151.3	1012.1	904.0	831.6	786.0	765.1
813.7	37.5°	909.8	1075.8	1351.2	1281.9	1104.5	931.7	821.7	755.8	718.2	708.7
825.1	40°	947.7	1161.5	1411.2	1271.1	1035.2	834.1	731.8	679.1	657.9	660.0
840.5	42.5°	997.0	1257.2	1453.4	1243.4	938.8	733.3	653.0	629.5	639.7	648.3
863.6	45°	1061.0	1356.7	1479.6	1196.3	829.7	648.0	606.4	612.0	619.7	620.6
900.9	47.5°	1143.0	1457.4	1496.9	1125.1	718.6	588.0	576.9	578.1	576.6	570.1
956.6	50°	1245.2	1555.4	1512.3	1030.9	624.0	550.4	535.6	531.3	510.0	489.1
1030.9	52.5°	1361.6	1645.3	1518.7	913.8	550.4	519.0	494.9	467.8	428.1	421.6
1124.2	55°	1491.0	1728.5	1502.1	770.0	488.5	478.6	442.3	409.6	405.3	399.8
1247.1	57.5°	1645.6	1818.1	1468.2	609.5	425.0	431.5	396.1	399.8	392.1	383.5
1405.1	60°	1814.7	1910.8	1408.8	463.2	359.4	372.7	384.1	383.8	381.6	374.5
1571.7	62.5°	1966.9	1971.8	1291.7	354.8	301.8	327.1	358.2	357.9	356.0	352.0
1745.7	65°	2057.4	1962.5	1096.5	279.4	254.4	289.5	323.1	325.6	325.9	325.6
1876.6	67.5°	2041.4	1854.4	828.5	222.4	215.3	251.3	288.3	291.7	294.1	294.8
1893.2	70°	1860.3	1617.0	540.2	177.4	180.5	217.8	255.3	258.7	260.9	263.3
1642.8	72.5°	1450.0	1188.9	309.2	143.5	150.0	188.8	222.7	226.7	227.9	232.5
1143.3	75°	883.6	699.1	166.9	113.0	123.2	161.4	190.3	195.0	197.1	202.7
561.5	77.5°	420.1	302.8	95.2	88.1	99.2	131.8	160.8	166.0	160.2	163.2
154.9	80°	142.0	112.4	60.1	67.1	75.8	102.9	128.7	134.0	121.7	121.0
51.4	82.5°	49.6	45.6	38.2	44.7	49.0	73.6	97.3	104.1	90.6	90.2
23.1	85°	19.4	18.5	21.3	24.3	29.3	45.3	64.1	67.5	55.7	45.0
6.8	87.5°	4.0	4.3	5.2	5.5	8.9	15.7	23.1	28.3	22.5	19.1
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°
<hr/>
664.0
689.0
725.3
767.2
815.0
869.5
936.6
1009.6
1049.3
1028.7
973.3
916.9
867.6
820.5
769.7
715.5
667.4
656.3
626.8
575.0
491.9
423.8
400.7
381.9
372.1
350.5
325.6
295.4
264.6
234.4
203.3
160.8
119.8
85.9
44.4
17.6
0.0

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