

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: P846508

Luminaire Tested: **GLAN-SB2A-930-U-T3**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846508  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB2A-930-U-T3  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6056 lumens  
Efficiency: N/A  
Efficacy: 105.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G1

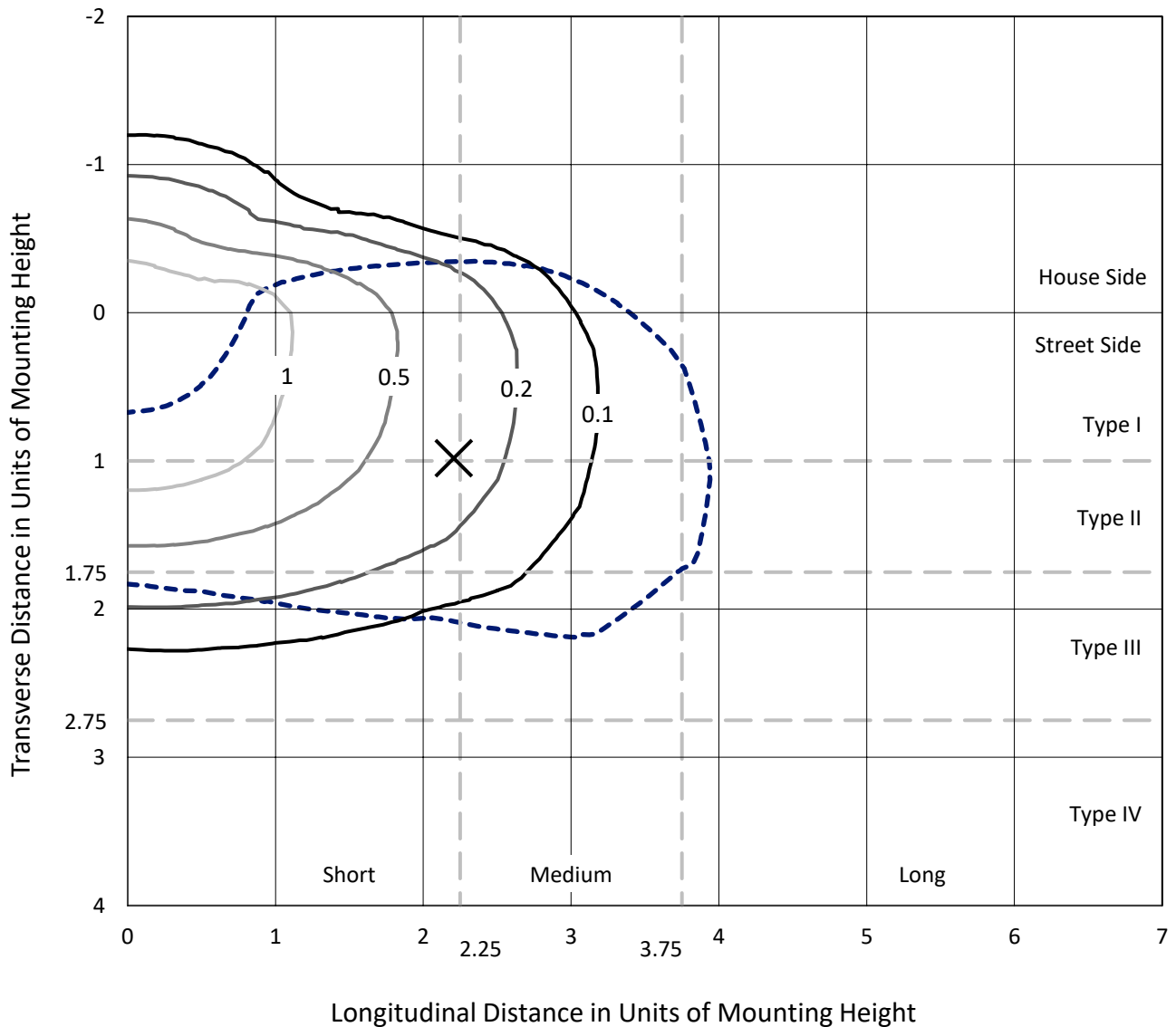
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

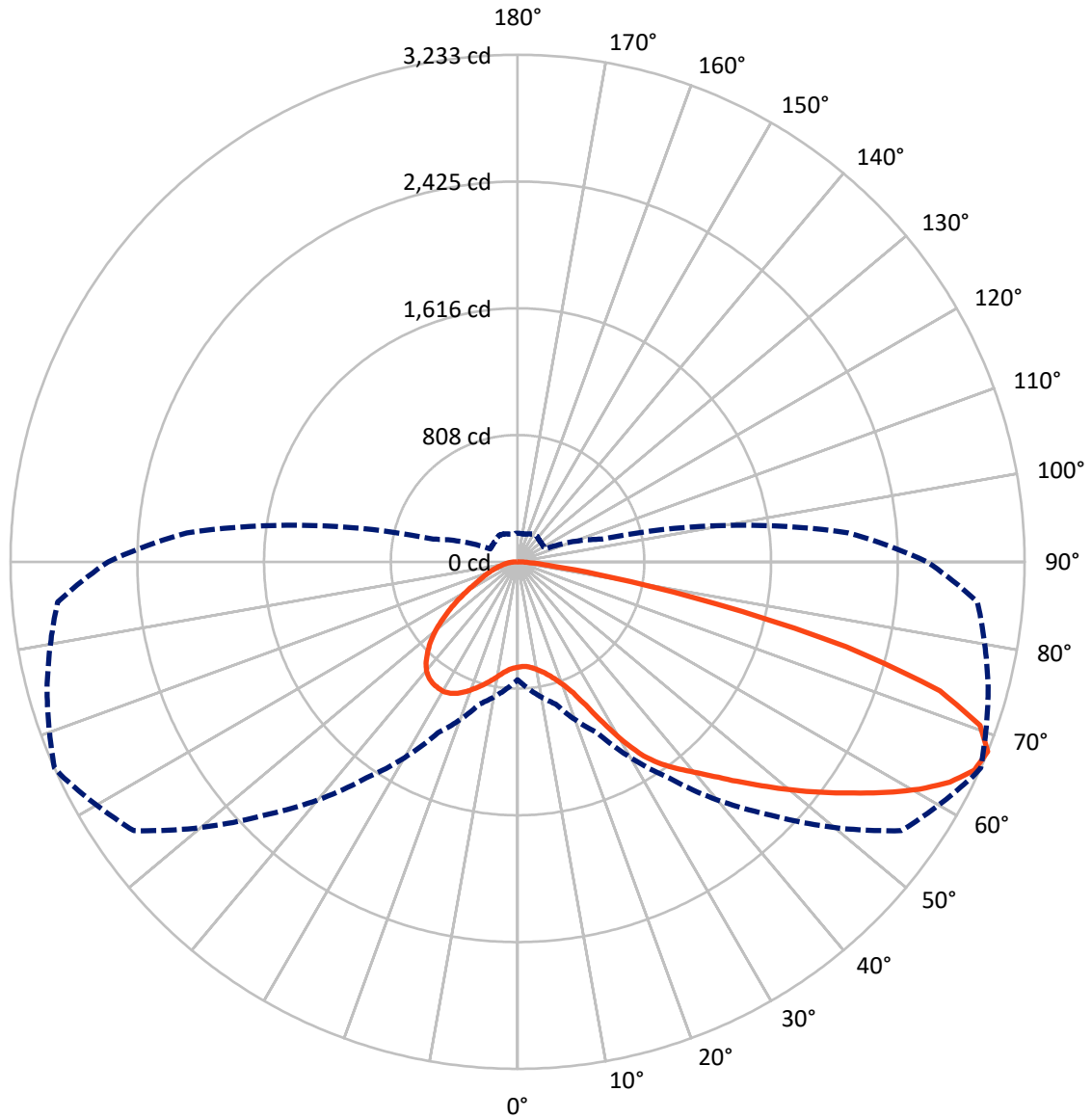
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1505.8	0.0	1505.8
	% Fixture	24.9	0.0	24.9
<b>Street Side</b>	Lumens	4550.2	0.0	4550.2
	% Fixture	75.1	0.0	75.1
<b>Total</b>	Lumens	6056.0	0.0	6056.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.6	1.1
10°-20°	220.0	3.6
20°-30°	424.1	7.0
30°-40°	743.6	12.3
40°-50°	1105.4	18.3
50°-60°	1401.3	23.1
60°-70°	1371.1	22.6
70°-80°	654.0	10.8
80°-90°	69.9	1.2
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°	6056.0	100.0
0°-180°	6056.0	100.0

**Coefficient of Utilization**

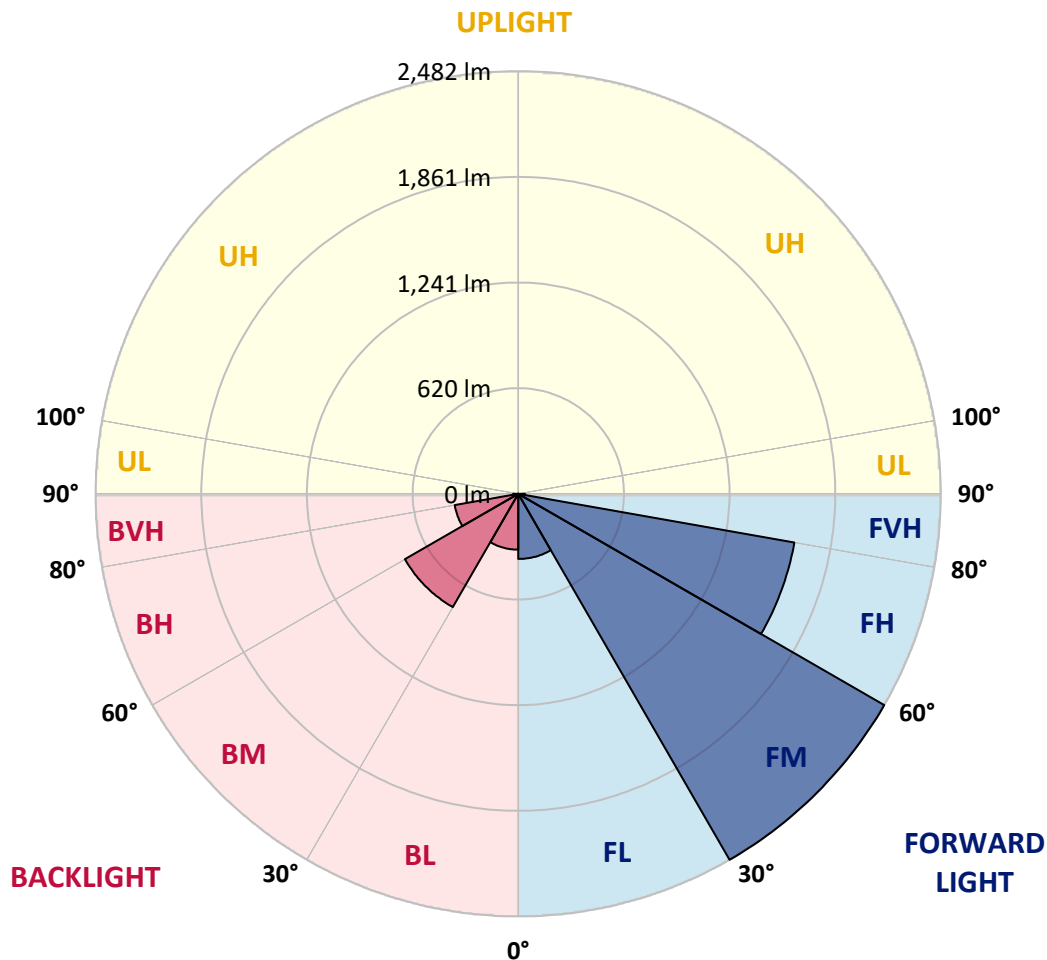


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	382.7	6.3			
FM (30°-60°)	2481.7	41.0			
FH (60°-80°)	1646.2	27.2			G1/1800
FVH (80°-90°)	39.6	0.7			G1/100
BL (0°-30°)	328.0	5.4	B1/500		
BM (30°-60°)	768.6	12.7	B1/1000		
BH (60°-80°)	378.9	6.3	B1/500		G1/500
BVH (80°-90°)	30.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**  
 Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°
0°	671.7	671.7	671.7	671.7	671.7	671.7	671.7	671.7	671.7	671.7
2.5°	664.7	668.5	667.6	666.0	665.6	666.3	667.2	668.2	667.9	669.5
5°	662.8	666.6	666.3	666.3	667.6	670.1	671.7	673.3	671.7	673.6
7.5°	664.1	666.9	668.2	669.5	672.6	677.4	681.2	684.7	682.8	685.1
10°	680.3	682.5	683.8	683.8	686.0	691.4	695.2	701.6	700.0	703.5
12.5°	709.9	712.1	712.1	710.8	712.4	715.9	717.2	724.2	721.3	727.1
15°	746.1	750.6	747.1	744.9	745.5	749.0	748.7	754.1	751.2	756.0
17.5°	786.2	792.0	786.2	785.9	784.6	788.5	788.8	793.6	788.5	792.0
20°	833.6	841.6	836.8	838.4	835.6	837.1	838.7	845.7	837.8	840.3
22.5°	900.5	910.0	904.9	911.0	909.1	907.8	907.5	919.9	907.5	908.4
25°	997.8	1009.3	1000.4	1008.6	1008.6	1012.8	1017.6	1033.5	1012.8	1006.7
27.5°	1141.7	1153.1	1135.6	1140.7	1139.1	1149.3	1144.2	1183.7	1161.4	1151.5
30°	1314.7	1335.1	1302.0	1300.7	1299.2	1315.4	1322.7	1348.8	1326.2	1316.3
32.5°	1501.8	1523.2	1483.7	1472.2	1466.2	1476.1	1470.0	1491.0	1475.4	1460.2
35°	1699.7	1720.7	1683.2	1660.9	1636.7	1616.1	1594.4	1599.8	1585.2	1562.0
37.5°	1886.8	1925.3	1885.6	1861.7	1817.2	1776.8	1716.3	1691.2	1677.5	1656.2
40°	2077.4	2099.4	2069.2	2048.8	2000.4	1937.1	1840.4	1787.3	1768.8	1748.1
42.5°	2217.8	2238.8	2222.5	2208.5	2170.7	2097.2	1972.1	1905.6	1878.9	1855.7
45°	2329.1	2344.7	2334.5	2339.6	2323.4	2252.1	2108.6	2032.6	2004.9	1976.6
47.5°	2374.0	2390.5	2406.8	2437.0	2464.7	2412.2	2255.3	2170.0	2140.8	2111.8
50°	2368.9	2385.8	2432.8	2497.1	2583.0	2565.5	2409.9	2316.4	2289.3	2256.3
52.5°	2328.2	2347.3	2407.7	2514.6	2651.4	2680.4	2567.4	2467.5	2442.1	2402.6
55°	2221.3	2232.7	2323.4	2474.8	2667.7	2760.6	2721.8	2628.5	2603.1	2548.0
57.5°	2023.0	2039.6	2171.6	2367.6	2626.9	2815.0	2857.3	2797.8	2773.3	2694.1
60°	1764.3	1790.8	1941.9	2187.5	2523.2	2814.7	2980.4	2964.2	2943.9	2837.9
62.5°	1471.6	1502.2	1647.6	1933.0	2341.8	2734.8	3057.4	3103.6	3093.1	2970.6
65°	1130.2	1151.2	1296.0	1603.7	2059.6	2563.3	3066.4	3198.7	3200.6	3071.4
67.5°	752.5	813.0	938.6	1203.4	1681.6	2283.0	2988.1	3214.3	3232.8	3106.1
70°	367.2	446.7	569.9	782.1	1203.4	1853.1	2783.5	3086.4	3127.4	3004.9
72.5°	152.4	178.2	245.3	386.0	690.8	1250.5	2372.4	2739.6	2815.6	2662.6
75°	102.8	111.4	140.3	197.9	314.7	616.6	1710.9	2042.8	2165.3	2010.9
77.5°	79.2	84.6	102.1	138.4	187.1	233.2	915.7	1231.1	1294.4	1198.3
80°	62.4	66.5	76.4	100.9	132.7	124.7	312.1	557.8	594.4	498.6
82.5°	54.1	55.7	54.7	68.4	88.1	72.9	102.5	205.9	227.2	164.8
85°	39.1	43.6	45.5	42.3	46.8	36.9	42.0	72.9	80.2	71.6
87.5°	15.9	23.5	29.0	27.4	17.2	10.5	13.0	21.3	24.5	26.7
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°
671.7	0°	671.7	671.7	671.7	671.7	671.7	671.7	671.7	671.7	671.7	671.7
672.0	2.5°	672.3	674.6	676.1	678.1	679.3	681.2	685.1	687.3	687.6	689.2
677.1	5°	678.4	681.6	685.1	690.1	695.9	700.6	708.0	713.1	715.0	716.6
689.5	7.5°	691.4	695.9	702.2	711.1	719.4	725.8	734.7	740.7	746.8	749.0
709.2	10°	710.8	717.2	726.4	738.5	747.4	755.7	764.9	770.0	776.1	778.6
732.8	12.5°	735.0	741.7	753.8	770.6	778.9	784.6	787.8	786.6	787.8	790.1
761.1	15°	762.7	770.0	783.7	801.8	807.6	802.5	795.5	789.1	788.1	788.8
795.5	17.5°	795.5	800.9	816.8	832.1	827.9	806.9	791.6	781.5	776.4	774.8
839.4	20°	841.3	841.3	854.3	863.9	836.2	800.6	776.7	760.1	749.6	745.2
899.2	22.5°	897.0	891.9	900.1	893.5	834.6	782.7	749.6	721.0	705.1	698.7
982.9	25°	967.6	961.6	959.3	918.0	823.1	754.4	700.6	666.0	652.0	648.5
1103.5	27.5°	1074.2	1058.9	1030.0	931.3	802.1	709.9	643.4	611.2	603.3	603.6
1258.4	30°	1216.1	1185.6	1114.6	933.6	767.8	646.9	584.8	561.9	558.1	559.7
1388.6	32.5°	1347.5	1318.6	1201.2	923.4	715.0	585.1	532.3	517.1	511.3	513.2
1487.8	35°	1450.6	1442.7	1281.3	909.1	650.1	527.2	485.2	472.2	461.1	458.5
1581.4	37.5°	1548.0	1544.8	1341.5	889.0	585.8	486.2	447.4	430.2	414.0	405.1
1684.8	40°	1654.9	1651.7	1380.9	858.1	528.8	450.6	413.3	390.7	370.7	354.5
1801.9	42.5°	1775.2	1756.4	1399.7	813.9	480.5	420.3	385.6	355.1	328.7	313.7
1934.3	45°	1906.6	1864.3	1399.4	757.6	439.7	392.6	356.1	312.8	288.3	274.3
2070.1	47.5°	2045.9	1967.3	1382.2	695.2	400.3	362.1	310.2	277.1	260.9	252.3
2217.8	50°	2189.8	2063.8	1352.9	623.6	359.9	327.4	281.6	259.0	246.6	238.6
2364.1	52.5°	2325.0	2151.3	1317.6	542.5	318.8	293.7	268.9	251.4	238.3	229.4
2506.0	55°	2450.7	2226.7	1267.7	459.5	285.4	271.1	262.8	248.2	233.2	222.7
2650.2	57.5°	2562.4	2275.7	1181.4	381.5	261.5	255.5	256.5	242.8	225.6	216.7
2792.1	60°	2655.3	2311.6	1053.8	309.3	242.1	240.2	246.6	232.6	212.5	202.4
2912.0	62.5°	2710.9	2311.0	897.3	253.3	225.6	226.2	233.5	219.9	199.5	190.0
2974.7	65°	2706.2	2254.3	725.5	216.7	209.7	210.3	219.9	205.9	188.7	183.0
2943.2	67.5°	2610.4	2116.3	556.5	192.8	192.2	195.0	206.2	196.3	182.0	181.4
2755.5	70°	2351.1	1829.6	400.9	173.7	174.0	178.2	192.8	190.3	178.5	179.8
2316.7	72.5°	1885.3	1394.9	269.2	153.7	154.0	160.7	180.1	185.5	175.0	191.9
1643.7	75°	1255.6	869.9	173.1	132.4	132.7	141.3	169.0	176.3	165.5	191.2
855.3	77.5°	603.3	391.1	125.4	111.4	111.4	119.3	146.0	157.8	141.0	148.6
274.9	80°	208.4	147.0	98.6	89.7	87.8	93.2	123.1	136.8	121.5	112.0
89.7	82.5°	82.1	76.4	79.2	69.7	63.3	66.8	95.8	113.0	89.4	80.8
50.6	85°	47.1	49.6	56.0	46.1	36.6	41.0	70.3	81.1	67.5	59.5
16.5	87.5°	12.7	17.5	25.8	23.9	16.5	17.5	33.4	44.9	38.8	29.9
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°  
671.7  
688.9  
716.2  
749.3  
779.9  
790.7  
791.0  
777.0  
744.2  
697.8  
649.1  
604.6  
565.1  
515.8  
460.4  
405.4  
356.1  
314.7  
273.6  
250.4  
235.8  
225.6  
218.6  
211.0  
197.9  
187.1  
182.6  
*182.3*  
179.5  
194.4  
192.8  
136.2  
105.0  
80.5  
60.8  
30.9  
0.0

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