

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: P847356

Luminaire Tested: **GLAN-SB3B-930-U-T2**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-930-U-T2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11294 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

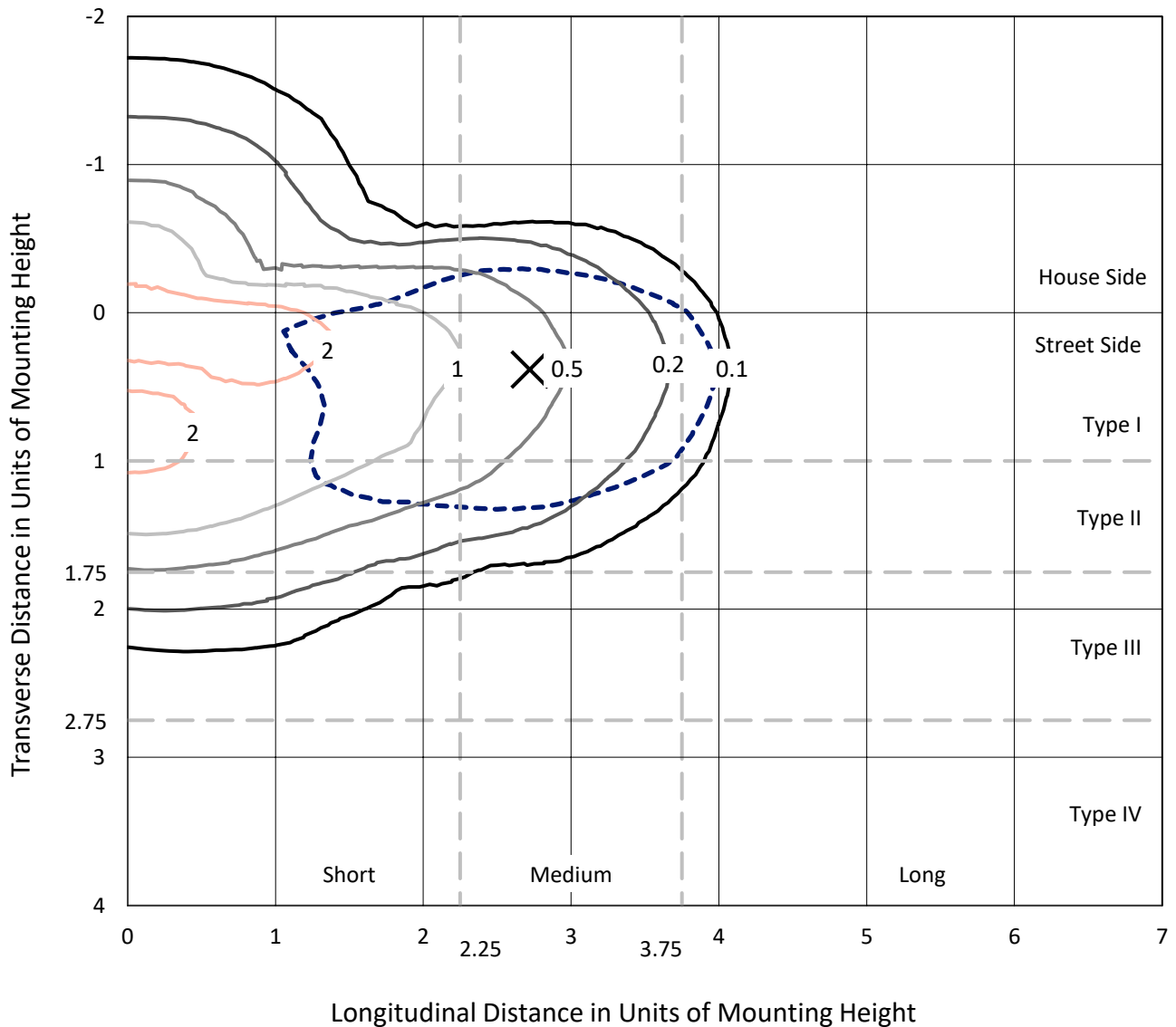
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

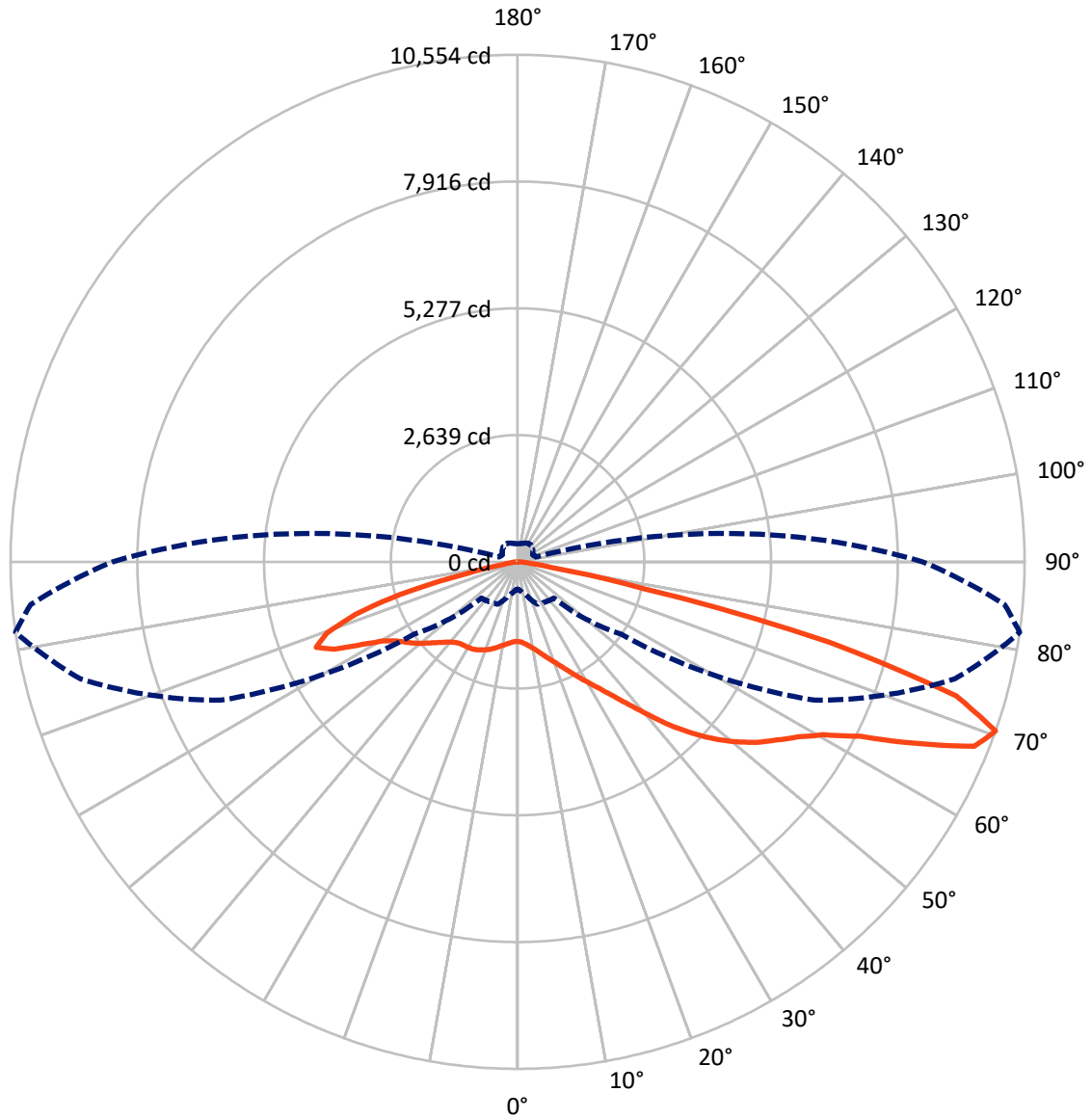
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2784.2	0.0	2784.2
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	8509.7	0.0	8509.7
	% Fixture	75.3	0.0	75.3
Total	Lumens	11294.0	0.0	11294.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.3	1.4
10°-20°	449.2	4.0
20°-30°	751.4	6.7
30°-40°	1173.9	10.4
40°-50°	1869.6	16.6
50°-60°	2601.8	23.0
60°-70°	2721.6	24.1
70°-80°	1422.4	12.6
80°-90°	147.7	1.3
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°	11294.0	100.0
0°-180°	11294.0	100.0

Coefficient of Utilization



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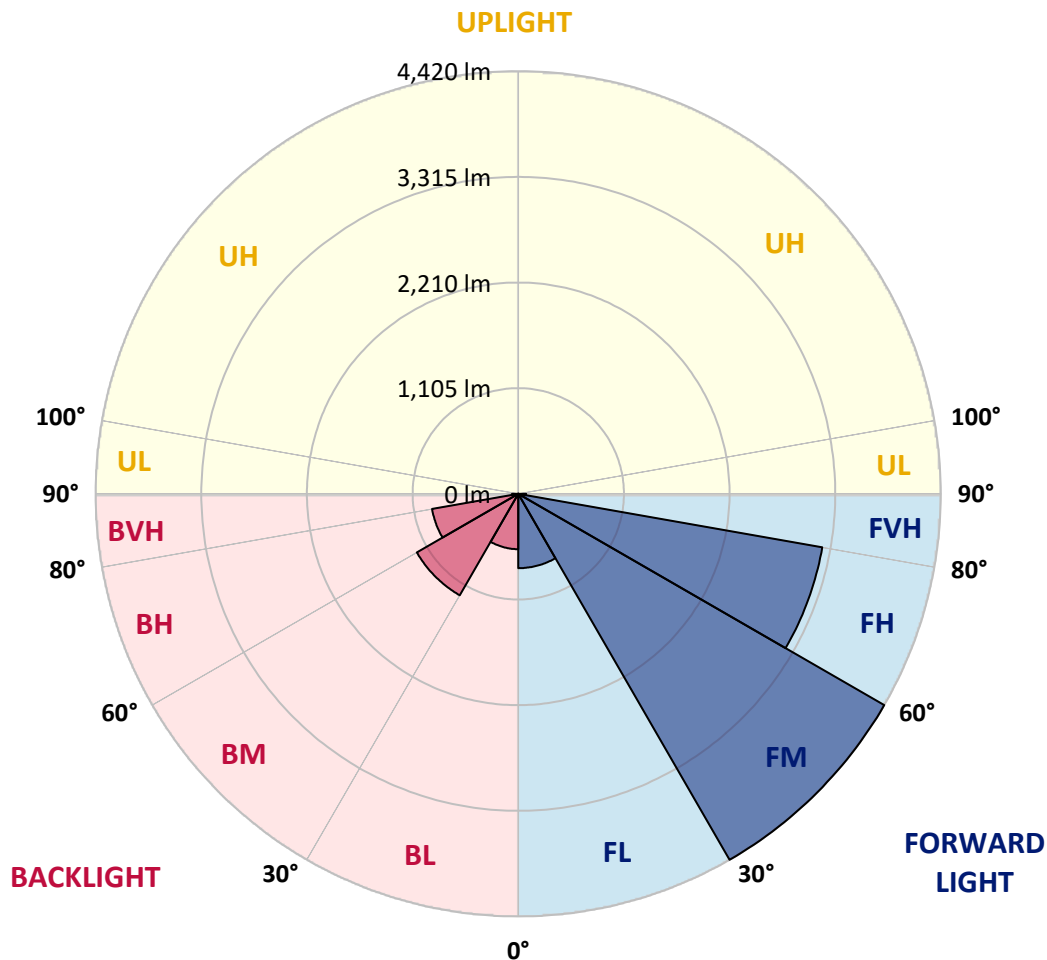
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	777.7	6.9			
FM (30°-60°)	4420.4	39.1			
FH (60°-80°)	3229.0	28.6			G2/5000
FVH (80°-90°)	82.7	0.7			G1/100
BL (0°-30°)	579.2	5.1	B2/1000		
BM (30°-60°)	1225.0	10.8	B2/2500		
BH (60°-80°)	915.0	8.1	B2/1000		G2/1000
BVH (80°-90°)	65.0	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8
2.5°	1695.4	1705.0	1702.0	1699.0	1699.0	1694.8	1694.2	1688.2	1683.4	1675.6
5°	1717.0	1727.2	1726.0	1728.4	1736.1	1737.9	1739.7	1736.1	1726.6	1717.0
7.5°	1697.8	1709.2	1712.8	1727.2	1751.1	1772.7	1788.9	1795.5	1786.5	1772.7
10°	1633.1	1645.7	1658.2	1692.4	1734.9	1785.9	1829.0	1854.8	1853.0	1839.8
12.5°	1501.8	1515.0	1542.0	1608.5	1686.4	1776.3	1856.6	1910.5	1929.1	1919.5
15°	1396.9	1408.3	1428.7	1497.0	1598.3	1734.9	1866.8	1971.7	2019.0	2013.6
17.5°	1394.0	1398.7	1411.3	1443.7	1521.6	1670.2	1856.0	2031.6	2122.1	2121.5
20°	1446.7	1448.5	1455.7	1462.3	1506.6	1621.1	1828.4	2081.3	2237.8	2237.8
22.5°	1519.8	1518.6	1525.8	1519.8	1541.4	1616.9	1811.1	2125.1	2366.6	2376.2
25°	1629.5	1623.5	1621.7	1607.9	1612.1	1655.8	1830.2	2174.8	2519.4	2539.2
27.5°	1775.7	1766.1	1759.5	1727.8	1717.0	1736.1	1889.0	2234.8	2689.6	2723.8
30°	1966.3	1948.9	1939.3	1884.2	1845.2	1848.2	1977.7	2314.5	2867.6	2922.7
32.5°	2226.4	2199.4	2173.6	2083.1	2011.8	1988.4	2092.1	2424.7	3060.6	3148.7
35°	2517.6	2496.0	2468.5	2328.8	2219.2	2165.2	2246.7	2578.8	3286.5	3426.1
37.5°	2798.1	2779.5	2792.7	2604.5	2463.1	2384.6	2449.3	2785.5	3565.2	3771.3
40°	3088.1	3073.8	3075.6	2895.8	2731.0	2642.9	2695.0	3045.0	3884.6	4181.9
42.5°	3403.4	3392.6	3356.6	3197.2	3012.0	2929.9	2977.9	3344.6	4227.4	4649.3
45°	3756.4	3749.8	3716.2	3533.4	3321.3	3229.0	3293.7	3675.5	4572.0	5089.2
47.5°	4061.4	4066.8	4062.6	3908.6	3688.6	3553.2	3630.5	4020.6	4892.6	5502.7
50°	4208.2	4236.4	4277.7	4229.8	4093.2	3955.3	3970.3	4353.9	5198.3	5890.4
52.5°	4131.5	4184.9	4297.5	4374.2	4427.0	4398.2	4358.0	4684.7	5485.9	6240.4
55°	3845.7	3920.6	4107.5	4292.7	4561.8	4771.0	4823.7	5051.4	5766.4	6548.5
57.5°	3324.9	3446.5	3614.3	3988.9	4441.9	4951.3	5366.7	5560.2	6063.6	6877.5
60°	2431.9	2594.9	2803.5	3360.8	4022.4	4854.9	5828.7	6341.7	6486.1	7303.6
62.5°	1556.4	1657.0	1848.8	2373.8	3134.3	4360.4	5970.1	7318.5	7202.3	8002.3
65°	1065.5	1130.3	1305.9	1600.7	2026.2	3245.8	5591.4	8050.9	8339.7	9109.8
67.5°	774.3	823.4	973.2	1231.5	1320.2	1920.7	4338.9	8017.3	9445.4	10250.9
70°	564.5	599.3	725.1	973.2	1015.8	1068.5	2628.5	6815.1	9421.5	10554.1
72.5°	418.3	442.3	526.8	755.1	822.2	721.5	1301.1	4953.1	8095.8	9546.1
75°	302.6	320.6	382.9	577.7	658.0	549.6	649.0	2894.6	5647.1	6715.1
77.5°	231.3	245.1	285.9	423.1	526.8	412.3	402.7	1331.6	2677.6	2690.8
80°	185.8	194.8	216.9	297.8	403.9	308.6	262.5	537.6	846.2	716.2
82.5°	136.6	151.6	183.4	209.2	288.9	212.7	160.0	271.5	321.8	276.9
85°	77.9	88.1	110.9	149.8	184.6	130.0	91.7	120.5	149.8	122.9
87.5°	27.6	36.0	39.0	58.7	80.3	53.9	35.4	34.8	49.1	36.6
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°
1655.8	0°	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8	1655.8
1673.8	2.5°	1667.8	1664.8	1652.8	1636.7	1619.9	1603.7	1598.3	1586.9	1579.1	1574.9
1712.8	5°	1701.4	1691.8	1663.6	1627.7	1589.9	1549.2	1520.4	1494.0	1474.9	1456.9
1766.1	7.5°	1749.3	1732.6	1684.0	1621.1	1554.0	1486.2	1435.9	1397.5	1371.8	1355.0
1828.4	10°	1805.1	1779.3	1705.0	1610.9	1507.2	1410.1	1350.8	1317.8	1301.7	1292.7
1899.8	12.5°	1869.2	1832.6	1726.6	1587.5	1435.9	1325.0	1284.3	1274.7	1275.3	1275.9
1989.6	15°	1948.3	1897.4	1743.9	1536.6	1343.0	1259.7	1252.5	1268.1	1284.3	1292.1
2091.5	17.5°	2037.6	1965.7	1746.9	1452.7	1251.9	1217.8	1240.5	1274.1	1298.7	1309.5
2205.4	20°	2133.5	2035.2	1725.4	1334.0	1177.0	1183.6	1224.4	1267.5	1294.5	1308.3
2335.4	22.5°	2243.1	2109.5	1673.8	1209.4	1115.9	1146.4	1194.4	1236.3	1264.5	1278.3
2488.3	25°	2368.4	2192.8	1592.9	1104.5	1063.1	1104.5	1152.4	1187.2	1210.0	1222.6
2659.1	27.5°	2507.4	2279.7	1485.0	1021.2	1017.0	1061.3	1100.9	1127.9	1139.9	1149.4
2840.6	30°	2647.1	2358.8	1354.4	958.3	976.8	1018.8	1047.0	1058.9	1062.5	1064.3
3043.2	32.5°	2798.1	2427.1	1217.2	906.1	938.5	977.4	994.2	999.6	982.8	971.5
3288.9	35°	2980.9	2500.2	1082.9	864.8	900.7	934.3	939.7	934.9	915.1	891.7
3596.9	37.5°	3206.8	2591.3	975.6	835.4	865.4	887.6	881.0	879.8	881.6	854.0
3967.3	40°	3483.7	2710.0	897.1	812.6	836.6	841.4	822.8	833.0	842.0	800.1
4373.6	42.5°	3791.1	2853.2	847.4	797.1	812.6	801.3	772.5	783.9	782.7	727.5
4781.7	45°	4104.5	3009.0	830.0	785.7	790.5	767.7	735.9	738.9	713.8	664.0
5173.1	47.5°	4416.2	3176.2	840.8	776.1	762.9	737.1	712.6	699.4	662.2	625.1
5548.2	50°	4721.8	3351.8	880.4	756.9	725.1	710.2	692.2	668.8	629.3	597.5
5903.0	52.5°	5005.3	3528.6	924.7	725.1	677.8	686.8	675.4	648.4	609.5	577.1
6238.6	55°	5273.8	3705.4	942.1	681.4	633.5	666.4	659.8	610.1	563.3	537.0
6589.8	57.5°	5566.2	3918.2	922.9	625.7	597.5	643.0	617.9	562.7	535.8	516.0
7047.1	60°	5971.3	4252.0	881.6	556.7	563.3	608.3	565.1	542.4	513.0	490.8
7732.7	62.5°	6644.3	4874.6	815.0	488.4	523.2	556.7	540.0	517.2	487.2	465.6
8904.9	65°	7639.2	5740.0	689.8	435.1	478.2	506.4	513.0	490.2	459.1	436.3
9932.1	67.5°	8478.2	6283.0	522.0	390.7	432.1	465.6	484.2	462.1	429.1	406.9
10172.4	70°	8432.0	5888.6	398.5	347.0	391.3	425.5	449.5	432.1	396.7	375.8
9239.9	72.5°	7489.3	4926.2	322.4	302.6	350.0	383.5	412.3	399.1	363.2	342.8
6769.0	75°	5502.1	3496.9	257.7	257.7	298.4	339.8	371.6	363.2	330.2	315.8
2841.8	77.5°	2319.3	1467.1	202.0	213.9	248.1	291.9	331.4	334.4	305.6	323.6
751.5	80°	616.7	404.5	154.0	168.4	194.8	240.9	288.3	287.1	255.9	239.1
279.3	82.5°	234.9	159.4	109.7	118.7	140.8	184.6	228.3	235.5	204.4	176.8
109.7	85°	90.5	68.3	67.7	71.3	82.1	122.3	172.6	178.6	154.0	130.6
30.6	87.5°	23.4	20.4	25.2	24.0	37.8	65.3	98.9	102.5	94.1	54.5
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

<u>180°</u>
1655.8
1579.7
1464.1
1358.6
1295.1
1277.1
1291.5
1311.8
1311.8
1281.9
1226.1
1153.0
1068.5
975.0
892.9
855.8
801.3
726.9
665.8
625.1
595.1
577.7
534.6
514.2
489.6
465.6
437.5
407.5
377.6
342.8
311.6
293.7
222.3
176.8
134.8
77.9
0.0

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