

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: P940249

Luminaire Tested: **GLAN-SB3B-722-U-T4FT**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P940249  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-722-U-T4FT  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

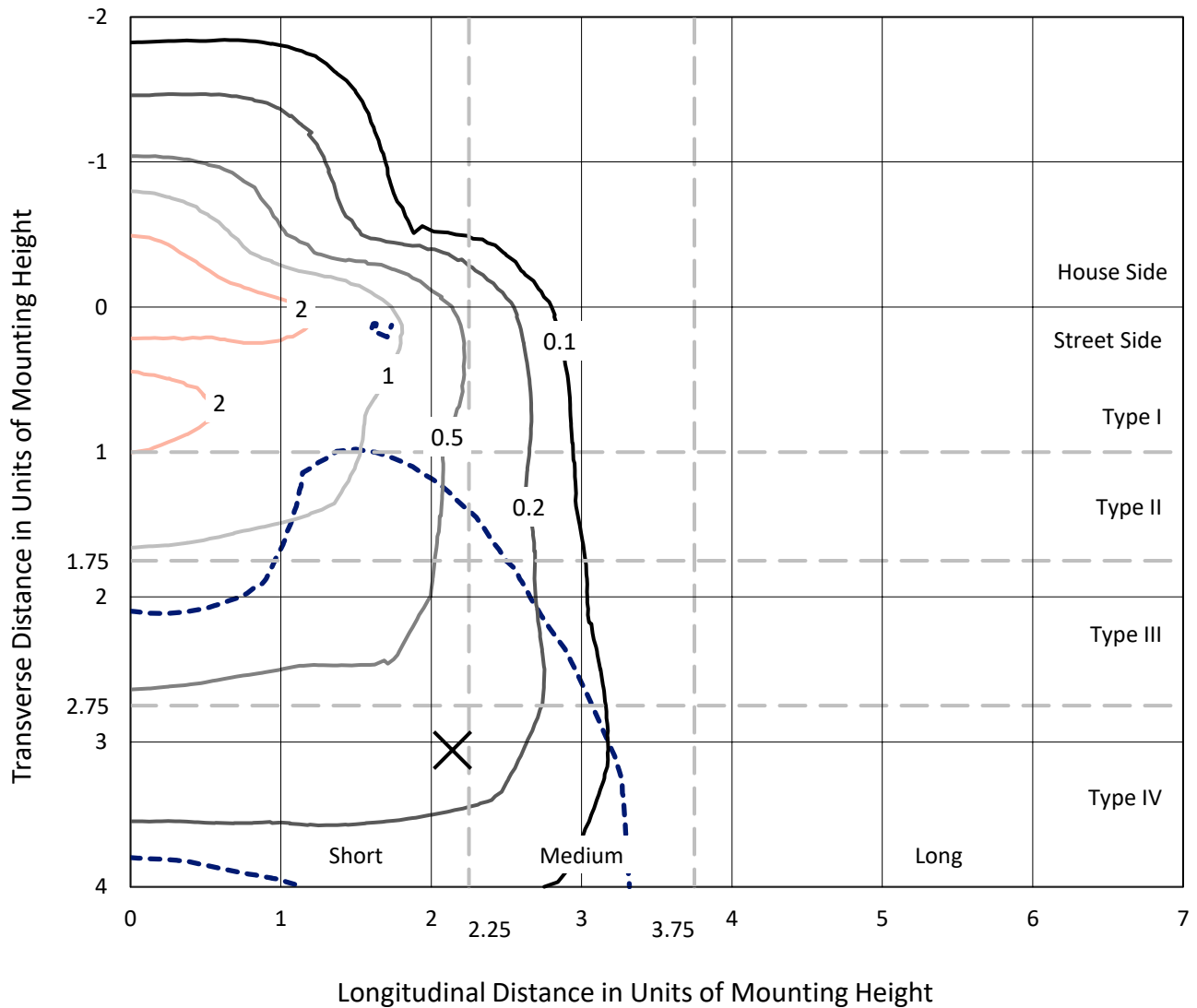
Lumens per Lamp: N/A  
Luminaire Lumens: 13795 lumens  
Efficiency: N/A  
Efficacy: 126.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

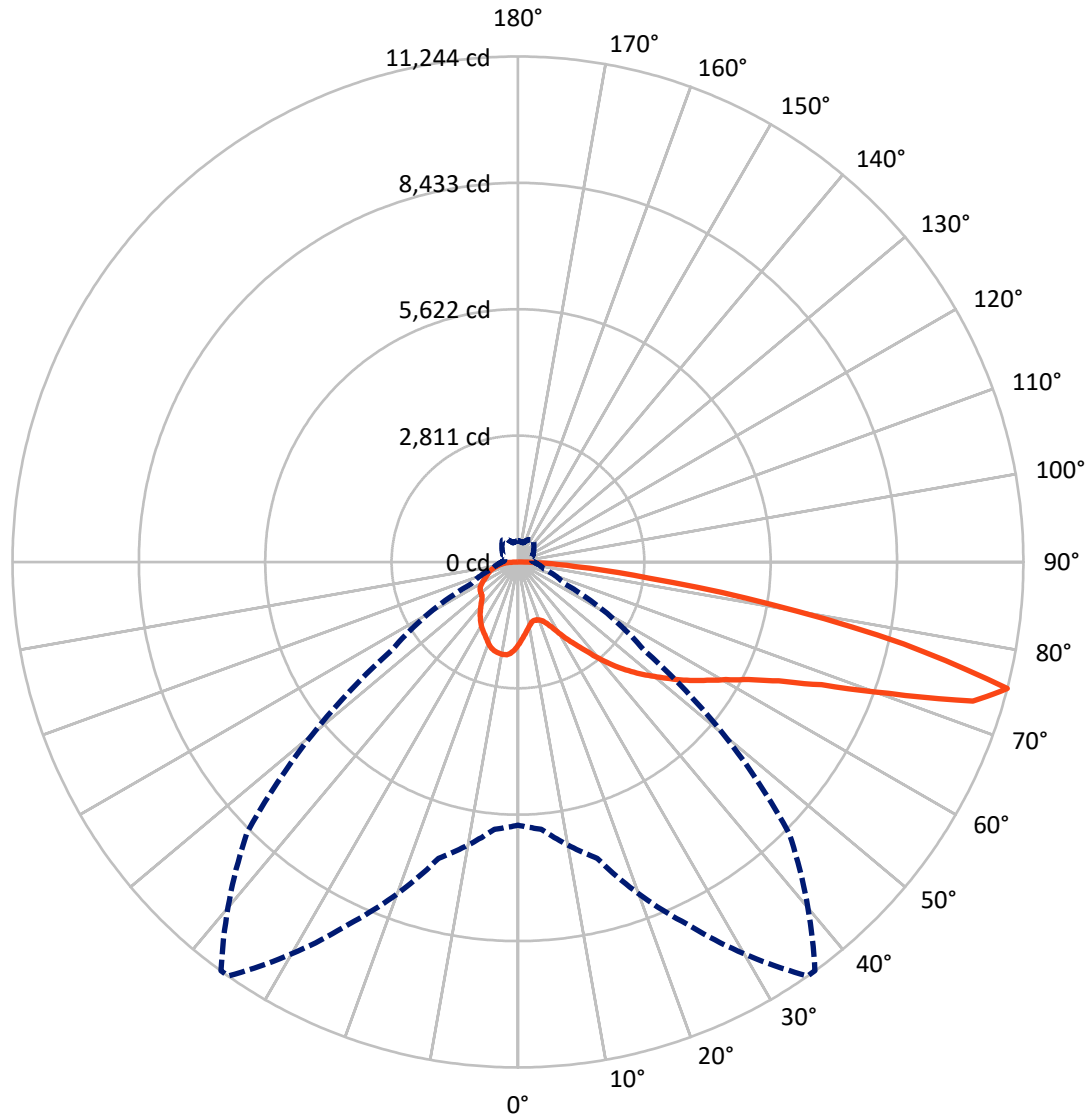
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3282.9	0.0	3282.9
	% Fixture	23.8	0.0	23.8
<b>Street Side</b>	Lumens	10512.1	0.0	10512.1
	% Fixture	76.2	0.0	76.2
<b>Total</b>	Lumens	13795.0	0.0	13795.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	174.0	1.3
10°-20°	502.0	3.6
20°-30°	843.0	6.1
30°-40°	1310.2	9.5
40°-50°	1944.7	14.1
50°-60°	2684.8	19.5
60°-70°	3257.2	23.6
70°-80°	2691.8	19.5
80°-90°	387.2	2.8
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°	13795.0	100.0
0°-180°	13795.0	100.0

**Coefficient of Utilization**



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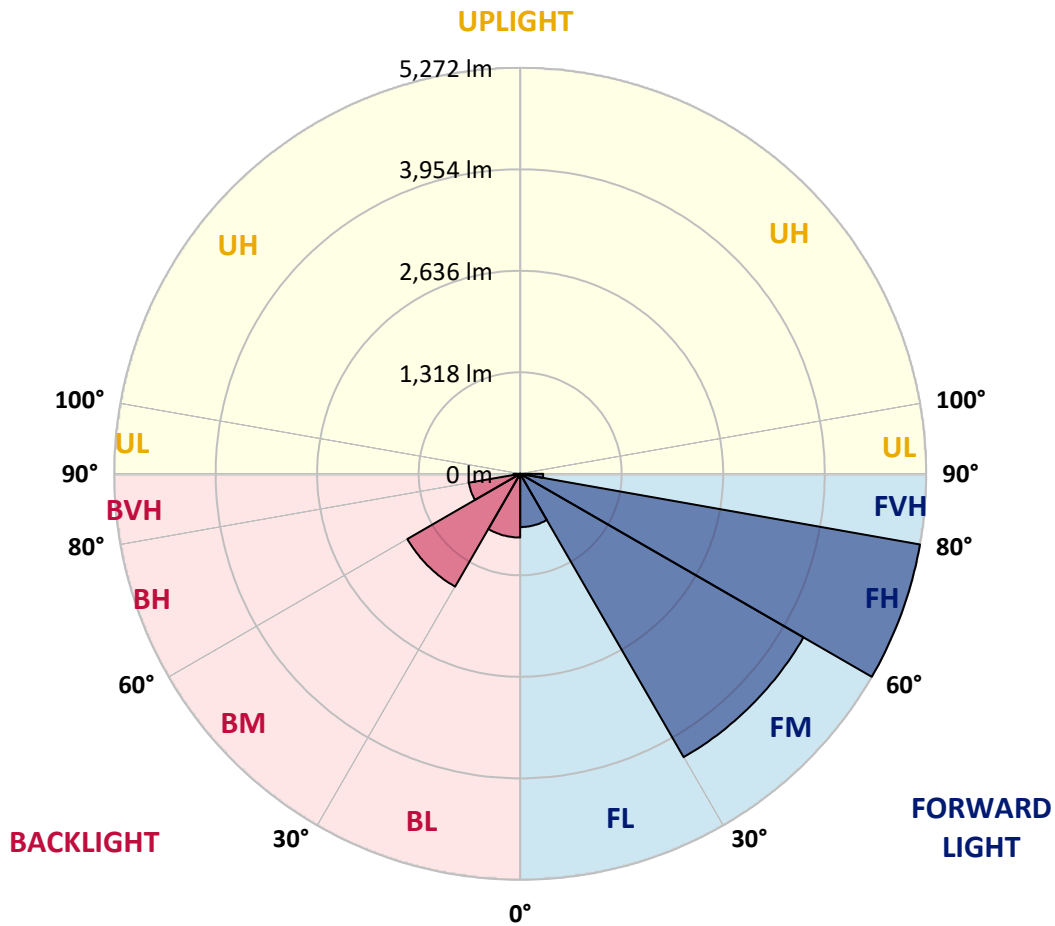
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	691.8	5.0			
FM (30°-60°)	4248.1	30.8			
FH (60°-80°)	5272.2	38.2			G3/7500
FVH (80°-90°)	300.0	2.2			G3/500
BL (0°-30°)	827.3	6.0	B2/1000		
BM (30°-60°)	1691.5	12.3	B2/2500		
BH (60°-80°)	676.8	4.9	B2/1000		G2/1000
BVH (80°-90°)	87.2	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-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3
2.5°	1695.1	1705.5	1710.0	1707.8	1719.0	1717.5	1733.1	1752.5	1779.4	1805.5
5°	1564.6	1575.8	1585.5	1594.4	1616.0	1622.8	1647.4	1684.7	1733.9	1783.8
7.5°	1443.0	1452.7	1467.6	1484.0	1520.6	1527.3	1568.3	1626.5	1695.1	1768.2
10°	1343.8	1353.5	1369.2	1387.8	1433.3	1441.5	1493.7	1571.3	1660.8	1753.3
12.5°	1301.3	1304.3	1313.3	1331.9	1371.4	1376.7	1434.1	1522.8	1627.2	1742.1
15°	1299.1	1305.1	1305.8	1315.5	1348.3	1350.6	1403.5	1491.5	1606.3	1739.8
17.5°	1321.5	1325.9	1319.2	1325.2	1352.8	1356.5	1398.3	1476.6	1599.6	1749.5
20°	1381.1	1384.9	1364.7	1356.5	1376.7	1379.6	1420.7	1486.3	1606.3	1769.7
22.5°	1507.9	1510.1	1460.9	1427.4	1428.9	1430.4	1466.1	1525.8	1632.4	1806.2
25°	1705.5	1704.0	1625.7	1560.9	1523.6	1515.4	1539.2	1589.9	1676.4	1854.7
27.5°	1936.7	1925.5	1847.2	1750.3	1669.0	1657.1	1651.8	1673.5	1739.1	1918.8
30°	2197.7	2187.3	2103.0	1976.2	1863.6	1844.2	1795.0	1783.8	1832.3	2006.1
32.5°	2484.1	2477.4	2376.7	2223.1	2072.4	2050.1	1967.3	1937.5	1975.5	2138.1
35°	2724.2	2718.3	2634.7	2476.6	2292.4	2264.8	2180.6	2147.0	2166.4	2307.4
37.5°	2941.2	2938.3	2866.7	2742.1	2552.0	2518.4	2423.7	2412.5	2408.8	2530.3
40°	3142.6	3135.1	3060.6	2994.9	2854.0	2823.4	2739.9	2730.2	2701.9	2804.8
42.5°	3365.6	3346.2	3238.1	3207.5	3169.4	3144.1	3094.1	3095.6	3033.0	3114.3
45°	3547.5	3536.4	3425.2	3407.3	3448.4	3437.9	3481.2	3492.4	3370.8	3438.7
47.5°	3742.9	3732.5	3638.5	3625.8	3737.0	3739.9	3892.8	3896.6	3700.4	3775.7
50°	3983.8	3968.9	3875.7	3891.3	4015.9	4027.1	4306.7	4281.4	4003.9	4118.0
52.5°	4142.6	4151.6	4131.5	4156.8	4326.8	4337.3	4713.9	4649.0	4304.5	4455.9
55°	4259.7	4277.6	4340.3	4398.4	4655.0	4665.4	5098.0	4998.8	4553.6	4769.1
57.5°	4410.4	4385.0	4502.1	4615.5	4966.7	4994.3	5471.6	5335.9	4774.3	5039.0
60°	4626.6	4608.7	4699.7	4867.5	5315.7	5359.7	5866.8	5639.4	4936.1	5253.1
62.5°	5065.1	5020.4	5034.6	5183.0	5755.7	5813.9	6312.8	5904.1	5016.7	5336.6
65°	5720.7	5643.8	5572.3	5675.2	6375.4	6432.9	6816.2	6112.2	4986.8	5174.8
67.5°	6546.2	6470.1	6382.1	6479.1	7288.2	7333.7	7437.4	6229.3	4751.9	4551.3
70°	7227.1	7198.7	7303.9	7702.9	8746.2	8747.7	8233.8	6132.3	4108.3	3226.9
72.5°	7136.8	7119.7	7673.8	8907.3	10583.7	10544.2	8987.8	5398.5	2767.5	1455.7
75°	5854.9	5966.0	6824.4	8885.6	11243.7	11238.5	8526.2	3431.9	1144.7	603.3
77.5°	3139.6	3315.6	4430.5	6560.4	8777.5	8909.5	5994.3	1200.7	491.5	386.3
80°	1023.9	1177.5	1765.9	3340.2	5703.5	5678.9	2569.1	471.3	336.3	273.7
82.5°	434.8	452.7	789.0	1577.3	2927.1	2881.6	818.1	270.7	236.4	187.2
85°	170.0	190.2	348.3	729.3	1267.8	1240.2	295.3	134.2	151.4	122.3
87.5°	55.9	67.9	124.5	249.8	394.5	380.3	72.3	46.2	65.6	55.9
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°
1838.3	0°	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3	1838.3
1843.5	2.5°	1853.9	1865.9	1880.0	1900.9	1918.8	1933.7	1949.4	1959.1	1962.8	1974.0
1846.5	5°	1867.4	1893.5	1928.5	1962.8	1996.4	2016.5	2034.4	2043.4	2051.6	2057.5
1854.7	7.5°	1889.7	1923.3	1978.5	2023.2	2051.6	2068.0	2079.9	2076.9	2079.9	2081.4
1863.6	10°	1909.1	1956.1	2021.7	2064.2	2085.9	2086.6	2083.6	2073.2	2068.0	2068.7
1877.1	12.5°	1932.2	1984.4	2055.3	2091.1	2097.1	2080.6	2068.0	2050.1	2043.4	2040.4
1897.2	15°	1963.6	2023.2	2091.8	2105.3	2090.3	2069.5	2047.8	2018.7	2003.8	1991.9
1931.5	17.5°	2001.6	2067.2	2120.2	2110.5	2078.4	2044.1	2009.1	1965.1	1934.5	1921.8
1978.5	20°	2054.5	2113.5	2141.8	2099.3	2050.8	1998.6	1939.0	1885.3	1856.9	1844.2
2038.1	22.5°	2118.7	2175.4	2162.7	2079.9	2011.3	1927.8	1853.2	1813.7	1799.5	1790.5
2115.0	25°	2195.5	2244.0	2177.6	2051.6	1946.4	1833.8	1776.4	1763.7	1757.0	1750.3
2208.9	27.5°	2295.4	2321.5	2188.8	2009.8	1845.0	1733.9	1713.0	1715.2	1713.0	1701.8
2339.4	30°	2427.4	2422.2	2199.2	1941.9	1728.7	1643.6	1645.1	1654.8	1656.3	1648.9
2521.4	32.5°	2601.2	2548.2	2204.4	1853.9	1617.5	1564.6	1566.1	1576.5	1584.0	1571.3
2759.3	35°	2811.5	2695.1	2196.2	1743.6	1531.8	1489.3	1478.1	1481.1	1483.3	1471.4
3047.9	37.5°	3056.8	2860.0	2159.7	1621.3	1460.9	1415.4	1391.6	1371.4	1359.5	1348.3
3374.5	40°	3326.1	3039.7	2092.6	1501.9	1381.9	1337.1	1301.3	1263.3	1223.0	1208.1
3720.6	42.5°	3607.9	3224.6	2011.3	1387.8	1290.9	1254.4	1216.3	1161.1	1100.7	1070.2
4080.0	45°	3900.3	3414.0	1931.5	1275.2	1197.7	1182.0	1138.0	1071.6	1006.0	967.2
4440.2	47.5°	4186.6	3593.0	1814.4	1161.9	1110.4	1127.6	1093.3	1032.1	959.0	897.9
4797.4	50°	4460.3	3760.8	1622.8	1047.0	1039.6	1111.2	1078.4	990.4	906.8	828.5
5147.9	52.5°	4731.8	3896.6	1377.4	942.6	1001.5	1106.7	1059.0	962.0	859.9	777.8
5477.5	55°	4962.2	3966.7	1141.0	853.1	946.4	1068.7	1035.8	928.5	793.5	706.2
5703.5	57.5°	5093.5	3910.0	944.1	765.1	870.3	1006.0	996.3	856.9	714.4	647.3
5747.5	60°	5036.8	3680.3	783.0	688.3	798.0	938.2	927.7	786.0	654.0	590.6
5511.8	62.5°	4724.3	3242.5	655.5	621.2	732.3	868.8	859.1	731.6	607.8	546.6
4886.2	65°	4094.9	2637.7	556.3	565.3	666.0	785.3	799.4	686.1	571.2	511.6
3780.2	67.5°	3123.2	1910.6	478.8	516.8	601.1	703.2	744.3	653.3	540.7	484.0
2187.3	70°	1780.1	1085.1	413.1	469.8	543.7	627.2	701.8	627.2	507.9	460.9
819.6	72.5°	674.9	498.2	357.2	422.8	488.5	563.0	654.8	586.2	469.8	434.8
423.6	75°	360.2	303.5	300.5	367.7	425.1	500.4	595.9	545.9	441.5	459.4
293.1	77.5°	245.4	214.8	251.3	314.7	355.7	431.0	533.2	484.7	382.6	381.1
202.8	80°	170.0	152.1	204.3	253.6	275.2	362.4	465.3	416.1	311.7	290.8
125.3	82.5°	102.2	99.2	152.9	189.4	194.6	279.7	385.6	349.0	255.0	222.2
74.6	85°	55.9	58.9	97.7	111.1	113.4	195.4	302.0	270.0	196.1	164.8
26.8	87.5°	15.7	20.1	35.8	44.0	54.4	101.4	179.7	160.3	98.4	68.6
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>
1838.3
1973.3
2059.0
2083.6
2070.2
2038.9
1995.6
1922.5
1842.8
1792.0
1750.3
1704.0
1652.6
1577.3
1479.6
1355.8
1214.8
1073.9
964.3
891.2
821.8
768.9
698.8
638.4
581.7
536.9
501.9
475.0
454.9
428.8
474.3
351.2
278.2
223.7
166.3
68.6
0.0

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