

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: P852388

Luminaire Tested: **GLAN-SB3C-722-U-T4FT-HSS**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852388  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3C-722-U-T4FT-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV  
FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13304 lumens  
Efficiency: N/A  
Efficacy: 89.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G3

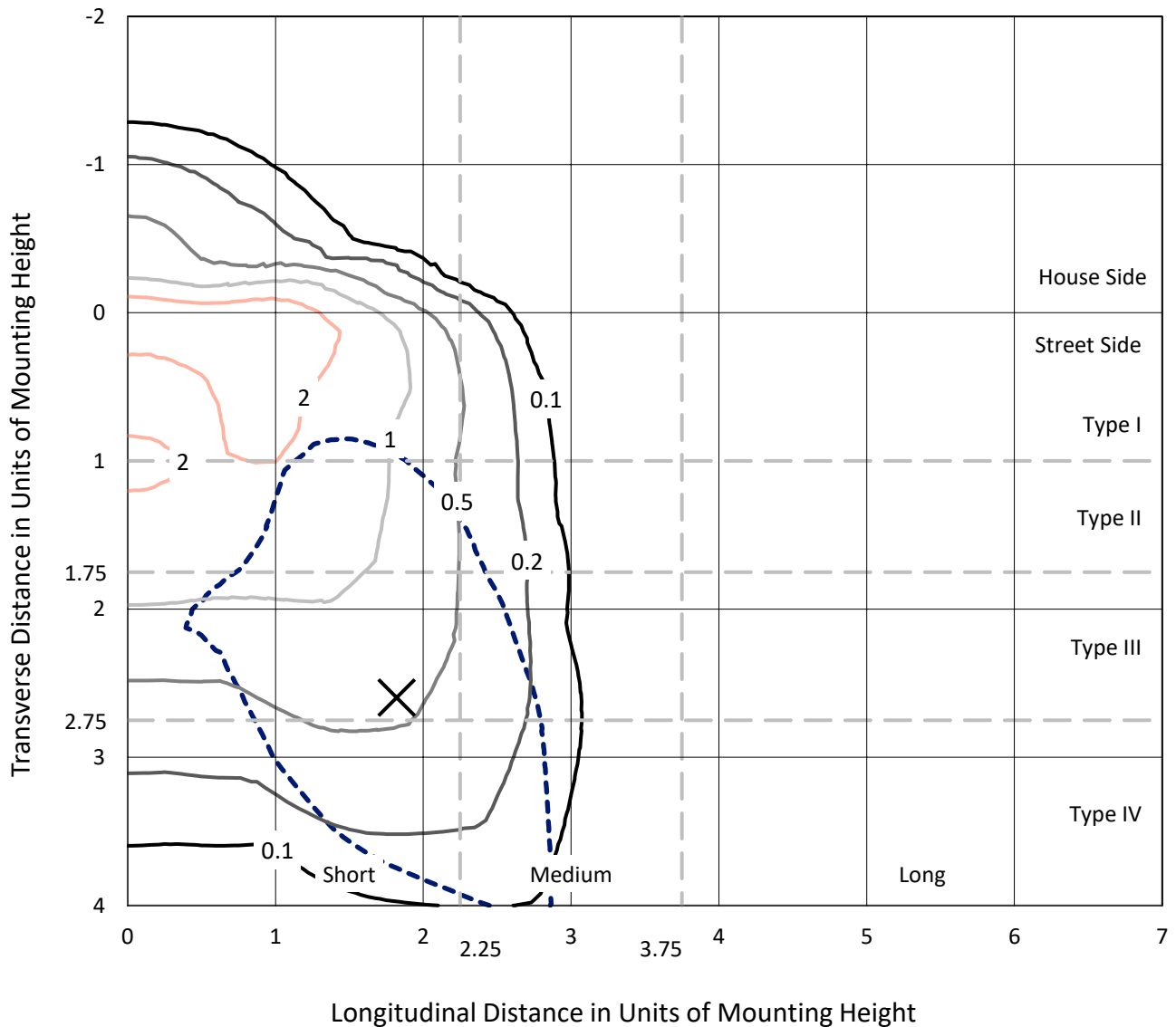
Input Watts (W): 149.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

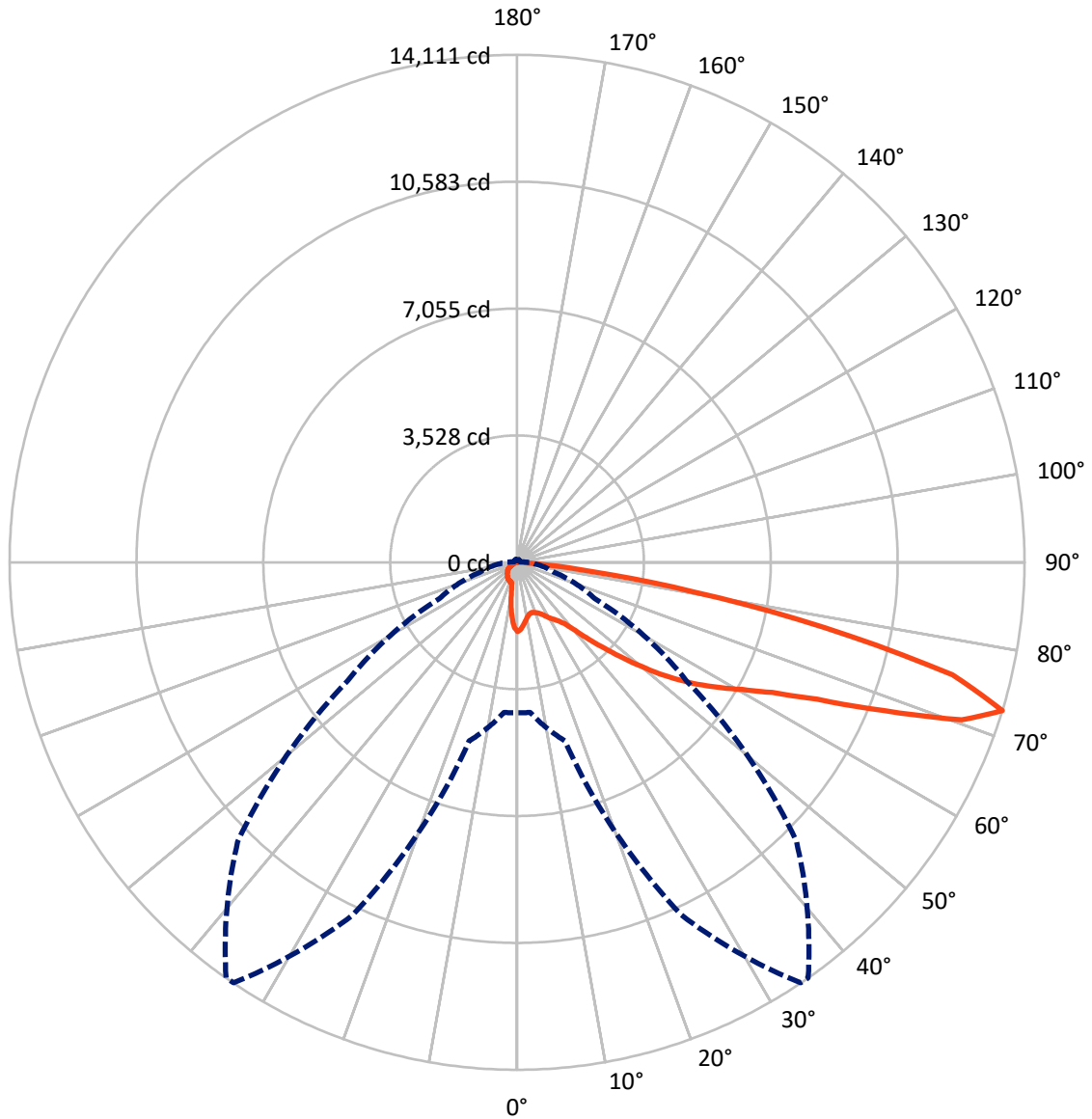
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral      - - - Horizontal Cone Through 72.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1497.3	0.0	1497.3
	% Fixture	11.3	0.0	11.3
<b>Street Side</b>	Lumens	11806.7	0.0	11806.7
	% Fixture	88.7	0.0	88.7
<b>Total</b>	Lumens	13304.0	0.0	13304.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	158.4	1.2
10°-20°	370.7	2.8
20°-30°	602.1	4.5
30°-40°	1004.7	7.6
40°-50°	1900.8	14.3
50°-60°	3020.4	22.7
60°-70°	3736.5	28.1
70°-80°	2322.6	17.5
80°-90°	187.7	1.4
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°	13304.0	100.0
0°-180°	13304.0	100.0

**Coefficient of Utilization**



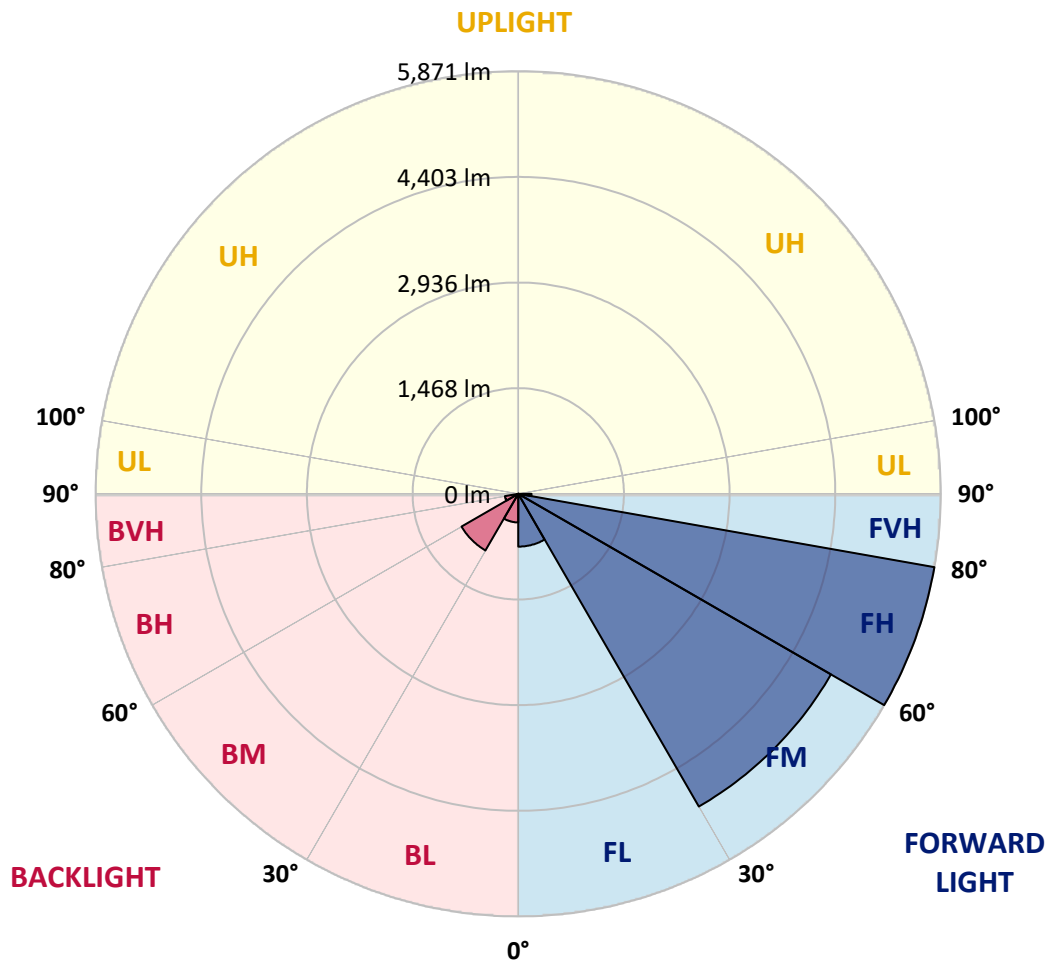
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	733.4	5.5			
FM (30°-60°)	5016.9	37.7			
FH (60°-80°)	5871.2	44.1			G3/7500
FVH (80°-90°)	185.2	1.4			G2/225
BL (0°-30°)	397.9	3.0	B1/500		
BM (30°-60°)	909.0	6.8	B1/1000		
BH (60°-80°)	187.9	1.4	B1/500		G1/500
BVH (80°-90°)	2.6	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2
2.5°	1842.4	1858.0	1860.9	1865.8	1865.8	1871.7	1881.4	1895.1	1917.5	1929.2
5°	1698.1	1709.8	1724.5	1736.2	1758.6	1761.5	1799.5	1836.6	1888.2	1927.2
7.5°	1552.9	1566.5	1586.0	1614.3	1643.5	1652.3	1709.8	1772.2	1854.1	1927.2
10°	1450.5	1451.5	1469.1	1497.3	1544.1	1554.8	1625.0	1713.7	1816.1	1915.5
12.5°	1393.0	1399.8	1407.6	1429.1	1473.9	1480.8	1555.8	1660.1	1778.1	1908.7
15°	1393.0	1397.9	1402.8	1413.5	1449.6	1455.4	1521.7	1626.0	1758.6	1911.6
17.5°	1407.6	1415.4	1411.5	1424.2	1462.2	1466.1	1524.6	1616.3	1757.6	1930.1
20°	1442.7	1448.6	1440.8	1448.6	1486.6	1494.4	1554.8	1634.8	1774.2	1962.3
22.5°	1498.3	1501.2	1482.7	1488.6	1527.5	1537.3	1607.5	1687.4	1814.1	2014.0
25°	1568.5	1574.3	1546.1	1552.9	1589.9	1601.6	1682.5	1766.4	1877.5	2085.1
27.5°	1649.4	1652.3	1628.0	1627.0	1674.7	1691.3	1773.2	1863.9	1962.3	2174.8
30°	1742.0	1750.8	1727.4	1723.5	1783.9	1797.6	1878.5	1983.8	2087.1	2309.4
32.5°	1815.1	1821.9	1808.3	1818.0	1879.5	1890.2	2006.2	2153.4	2283.0	2500.4
35°	1920.4	1924.3	1893.1	1910.6	1980.8	2008.1	2180.7	2391.2	2529.7	2740.2
37.5°	2301.6	2301.6	2169.0	2082.2	2149.5	2173.9	2419.5	2690.5	2833.8	3061.9
40°	2828.9	2820.2	2626.2	2448.7	2440.0	2487.7	2759.7	3067.8	3226.7	3447.9
42.5°	3391.4	3377.8	3113.6	2938.1	2908.9	2925.4	3152.6	3532.8	3694.6	3918.8
45°	3890.5	3886.6	3644.9	3408.9	3356.3	3408.9	3642.9	4076.7	4192.7	4428.6
47.5°	4308.7	4308.7	4132.3	3978.2	3950.9	3982.1	4306.8	4680.1	4669.4	4971.6
50°	4790.3	4786.4	4618.7	4552.4	4580.7	4624.6	5071.0	5315.7	5162.7	5504.8
52.5°	5127.6	5151.0	5093.4	5082.7	5227.0	5303.0	5847.0	5937.6	5604.2	6010.7
55°	5394.7	5422.0	5488.2	5563.3	5841.1	5940.6	6598.6	6527.4	5973.7	6449.4
57.5°	5772.9	5733.9	5836.3	5984.4	6433.8	6553.7	7326.8	7084.0	6271.0	6805.2
60°	6232.0	6237.9	6255.4	6442.6	7025.5	7179.6	8044.2	7610.4	6462.1	7023.6
62.5°	6783.8	6792.6	6828.6	7116.2	7820.0	7965.3	8808.5	8041.3	6549.8	6962.2
65°	6745.8	6782.8	7185.4	8169.0	9027.8	9171.1	9700.4	8343.5	6417.2	6400.7
67.5°	6145.3	6205.7	6879.3	9426.5	10848.8	11008.7	10778.6	8403.0	5845.0	4977.4
70°	5357.6	5379.1	6189.1	10557.3	12957.3	13119.1	11743.7	7748.9	4435.4	2776.3
72.5°	4183.9	4188.8	5139.3	10819.5	14101.8	14110.5	10986.2	5752.4	2385.4	1066.5
75°	2988.8	2959.6	3442.1	8774.4	12406.5	12506.0	8236.3	2698.3	911.5	504.0
77.5°	1602.6	1634.8	1947.7	5203.6	8570.6	8740.2	4493.9	777.9	464.0	343.1
80°	495.2	522.5	798.4	2382.5	4854.6	4957.0	1666.0	346.1	323.6	244.7
82.5°	156.0	161.8	372.4	1001.1	2015.0	2061.7	482.5	195.9	221.3	161.8
85°	44.8	45.8	165.7	373.4	498.1	507.9	135.5	76.0	126.7	100.4
87.5°	4.9	15.6	62.4	62.4	43.9	42.9	14.6	16.6	36.1	12.7
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°
1928.2	0°	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2	1928.2
1937.0	2.5°	1932.1	1933.1	1920.4	1899.0	1875.6	1856.1	1831.7	1812.2	1798.5	1794.6
1954.5	5°	1945.7	1938.9	1902.9	1837.5	1759.6	1692.3	1617.2	1557.8	1518.8	1502.2
1973.0	7.5°	1966.2	1946.7	1867.8	1739.1	1589.9	1457.4	1322.8	1218.5	1152.2	1119.1
1990.6	10°	1983.8	1944.8	1809.3	1596.8	1368.6	1167.8	986.5	860.8	790.6	757.4
2011.1	12.5°	2000.3	1943.8	1733.2	1428.1	1119.1	873.4	704.8	642.4	622.9	616.1
2044.2	15°	2031.5	1946.7	1637.7	1235.1	870.5	660.0	598.5	597.6	601.5	599.5
2094.9	17.5°	2074.4	1949.6	1529.5	1030.4	671.7	582.0	579.0	587.8	593.7	590.7
2158.3	20°	2130.0	1961.3	1414.5	827.6	577.1	562.5	569.3	577.1	582.0	577.1
2243.1	22.5°	2208.0	1981.8	1288.7	664.8	546.9	550.8	556.6	565.4	570.3	563.4
2351.3	25°	2303.5	2014.0	1164.9	578.1	532.3	537.1	545.9	555.6	561.5	554.7
2487.7	27.5°	2427.3	2065.6	1050.9	558.6	517.6	520.6	533.2	547.8	555.6	546.9
2681.7	30°	2606.7	2150.5	952.4	567.3	508.9	502.0	519.6	540.1	548.8	541.0
2945.9	32.5°	2844.5	2270.4	892.0	581.0	505.0	480.6	497.2	523.5	538.1	533.2
3291.0	35°	3156.5	2452.6	868.6	596.6	502.0	458.2	469.9	498.1	523.5	528.4
3725.8	37.5°	3534.7	2706.1	875.4	603.4	493.3	439.6	445.5	469.9	503.0	518.6
4215.1	40°	3964.6	3001.5	914.4	596.6	483.5	424.0	425.0	443.5	472.8	496.2
4741.5	42.5°	4408.1	3346.6	986.5	571.2	474.7	410.4	407.5	420.1	439.6	456.2
5267.0	45°	4830.2	3701.4	1057.7	536.2	464.0	396.8	389.9	394.8	398.7	405.5
5778.7	47.5°	5198.7	3950.9	1037.2	504.0	449.4	381.2	369.5	367.5	355.8	354.8
6235.9	50°	5453.1	4005.5	921.2	471.8	427.9	363.6	345.1	333.4	312.9	303.2
6578.1	52.5°	5534.1	3790.1	752.6	439.6	392.9	340.2	313.9	295.4	270.0	261.3
6775.0	55°	5426.8	3368.0	601.5	400.7	344.1	309.0	279.8	255.4	234.9	224.2
6796.5	57.5°	5164.6	2830.9	475.7	354.8	292.4	273.9	244.7	220.3	202.8	192.0
6558.6	60°	4729.8	2247.9	376.3	300.2	249.6	235.9	205.7	190.1	174.5	161.8
5944.5	62.5°	4069.9	1604.6	295.4	237.9	208.6	193.0	175.5	163.8	145.2	127.7
4840.0	65°	3176.0	981.6	228.1	174.5	167.7	159.9	149.1	138.4	116.0	98.5
3157.4	67.5°	2003.3	465.0	162.8	131.6	132.6	128.7	123.8	115.0	98.5	82.9
1414.5	70°	882.2	225.2	107.2	100.4	98.5	98.5	102.4	99.4	83.8	69.2
491.3	72.5°	300.2	120.9	79.9	76.0	71.2	70.2	85.8	82.9	67.3	53.6
244.7	75°	156.9	80.9	58.5	54.6	42.9	51.7	68.2	64.3	47.8	35.1
161.8	77.5°	102.4	57.5	40.0	35.1	24.4	34.1	50.7	44.8	28.3	17.5
106.3	80°	64.3	38.0	23.4	16.6	11.7	18.5	27.3	19.5	10.7	3.9
62.4	82.5°	34.1	19.5	8.8	5.8	4.9	5.8	6.8	4.9	1.9	0.0
32.2	85°	13.6	6.8	2.9	1.9	1.0	0.0	1.9	1.0	0.0	0.0
5.8	87.5°	4.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°
1928.2
1801.5
1508.0
1124.0
758.4
614.1
598.5
589.8
576.1
562.5
553.7
546.9
540.1
533.2
528.4
522.5
504.0
463.0
409.4
353.9
304.1
260.3
224.2
190.1
158.9
124.8
95.5
80.9
66.3
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