

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: P852360

Luminaire Tested: **GLAN-SB3B-735-U-T4FT-HSS**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P852360  
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-SB3B-735-U-T4FT-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 3500K, 450mA 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: 12553 lumens  
Efficiency: N/A  
Efficacy: 115.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G3

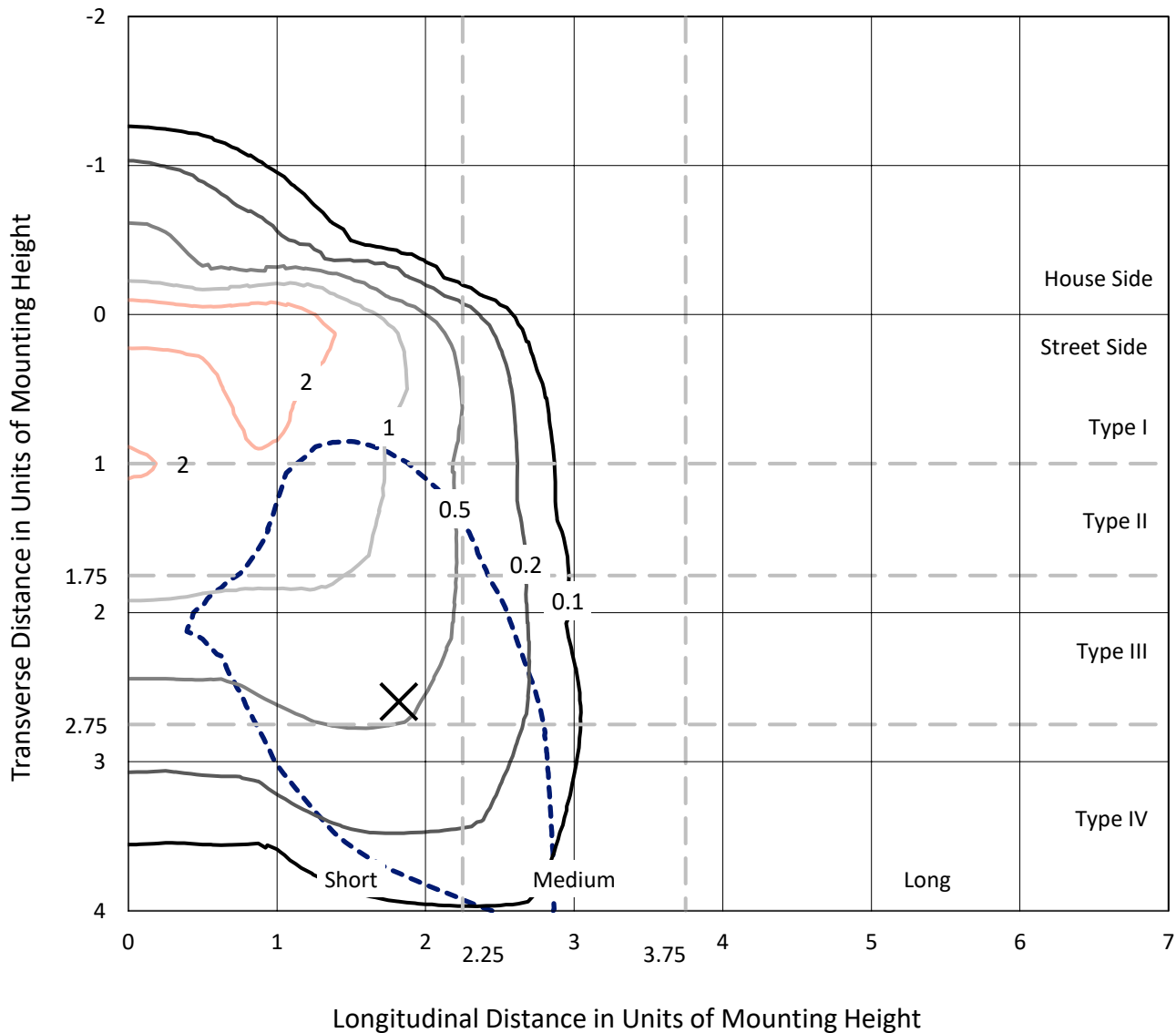
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

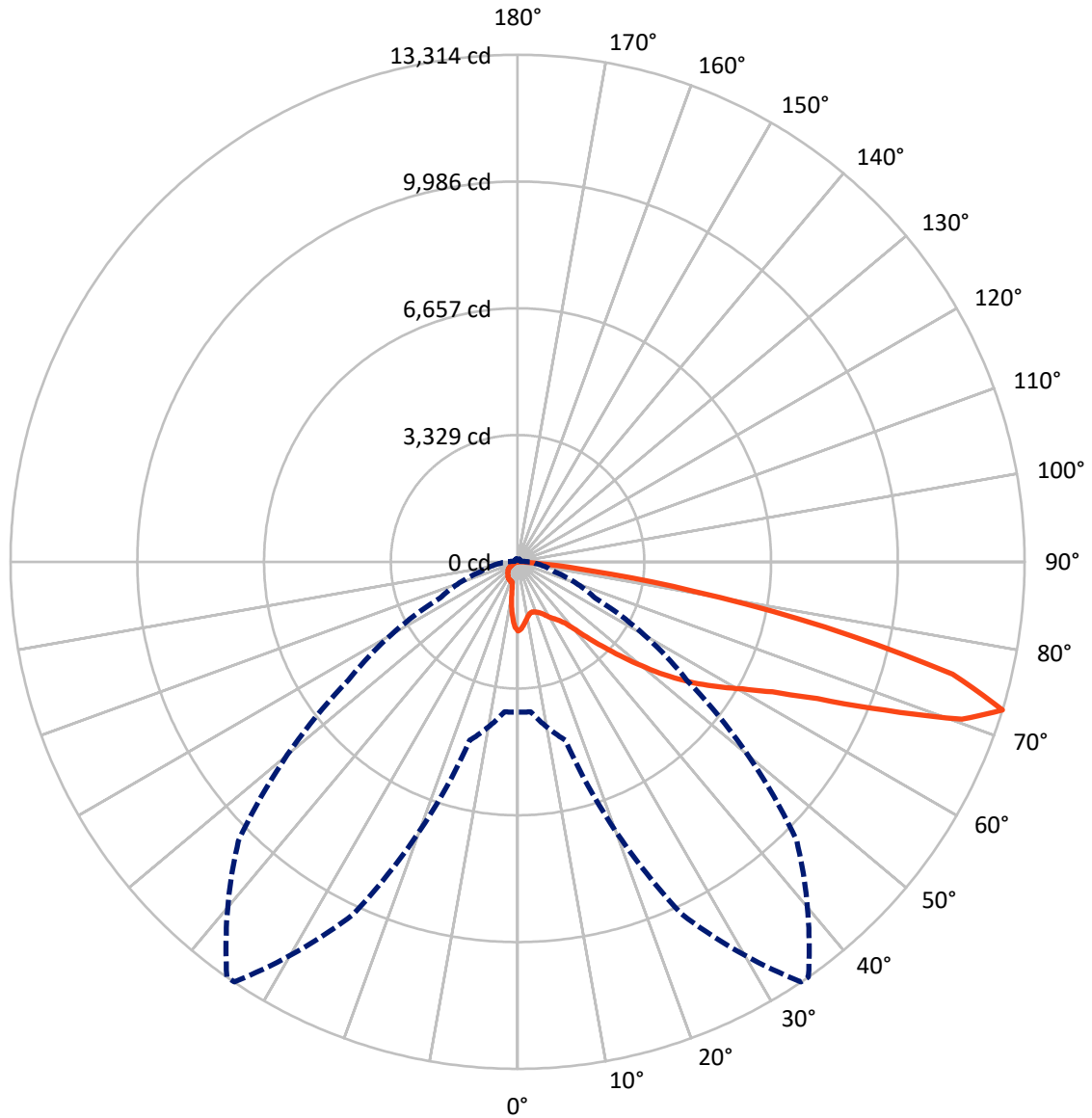
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 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	1412.8	0.0	1412.8
	% Fixture	11.3	0.0	11.3
<b>Street Side</b>	Lumens	11140.2	0.0	11140.2
	% Fixture	88.7	0.0	88.7
<b>Total</b>	Lumens	12553.0	0.0	12553.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	149.5	1.2
10°-20°	349.7	2.8
20°-30°	568.1	4.5
30°-40°	947.9	7.6
40°-50°	1793.5	14.3
50°-60°	2849.9	22.7
60°-70°	3525.6	28.1
70°-80°	2191.5	17.5
80°-90°	177.1	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°	12553.0	100.0
0°-180°	12553.0	100.0

**Coefficient of Utilization**



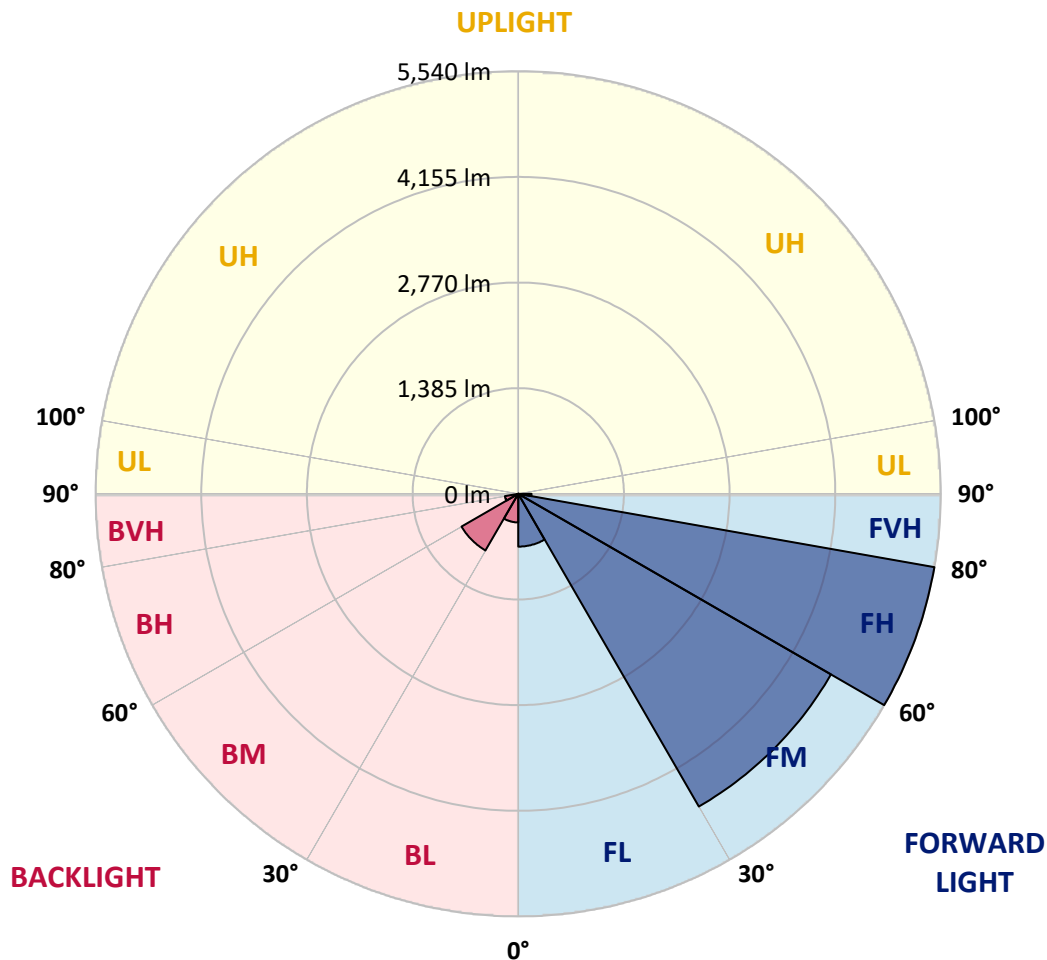
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	692.0	5.5			
FM (30°-60°)	4733.7	37.7			
FH (60°-80°)	5539.8	44.1			G3/7500
FVH (80°-90°)	174.7	1.4			G2/225
BL (0°-30°)	375.4	3.0	B1/500		
BM (30°-60°)	857.7	6.8	B1/1000		
BH (60°-80°)	177.3	1.4	B1/500		G1/500
BVH (80°-90°)	2.4	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°	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4
2.5°	1738.4	1753.1	1755.9	1760.5	1760.5	1766.0	1775.2	1788.1	1809.2	1820.3
5°	1602.3	1613.3	1627.1	1638.2	1659.3	1662.1	1697.9	1732.9	1781.6	1818.4
7.5°	1465.2	1478.1	1496.5	1523.2	1550.8	1559.0	1613.3	1672.2	1749.4	1818.4
10°	1368.7	1369.6	1386.1	1412.8	1457.0	1467.1	1533.3	1617.0	1713.6	1807.4
12.5°	1314.4	1320.8	1328.2	1348.4	1390.7	1397.2	1468.0	1566.4	1677.7	1801.0
15°	1314.4	1319.0	1323.6	1333.7	1367.7	1373.3	1435.8	1534.2	1659.3	1803.7
17.5°	1328.2	1335.5	1331.9	1343.8	1379.7	1383.4	1438.6	1525.0	1658.4	1821.2
20°	1361.3	1366.8	1359.5	1366.8	1402.7	1410.0	1467.1	1542.5	1674.0	1851.5
22.5°	1413.7	1416.5	1399.0	1404.5	1441.3	1450.5	1516.7	1592.2	1711.7	1900.3
25°	1479.9	1485.5	1458.8	1465.2	1500.2	1511.2	1587.6	1666.7	1771.5	1967.4
27.5°	1556.3	1559.0	1536.1	1535.1	1580.2	1595.8	1673.1	1758.6	1851.5	2052.1
30°	1643.7	1651.9	1629.9	1626.2	1683.2	1696.1	1772.4	1871.8	1969.3	2179.0
32.5°	1712.7	1719.1	1706.2	1715.4	1773.4	1783.5	1892.9	2031.8	2154.2	2359.3
35°	1812.0	1815.7	1786.2	1802.8	1869.0	1894.8	2057.6	2256.3	2386.9	2585.5
37.5°	2171.6	2171.6	2046.5	1964.7	2028.1	2051.1	2282.9	2538.6	2673.8	2889.1
40°	2669.2	2661.0	2477.9	2310.5	2302.2	2347.3	2603.9	2894.6	3044.5	3253.3
42.5°	3200.0	3187.1	2937.8	2772.3	2744.7	2760.3	2974.6	3333.3	3486.0	3697.6
45°	3670.9	3667.2	3439.1	3216.5	3166.8	3216.5	3437.3	3846.6	3956.0	4178.6
47.5°	4065.5	4065.5	3899.0	3753.7	3727.9	3757.4	4063.6	4415.9	4405.8	4690.9
50°	4519.9	4516.2	4358.0	4295.4	4322.1	4363.5	4784.8	5015.6	4871.2	5194.1
52.5°	4838.1	4860.2	4805.9	4795.8	4931.9	5003.7	5516.9	5602.5	5287.9	5671.4
55°	5090.1	5115.9	5178.4	5249.3	5511.4	5605.2	6226.1	6158.9	5636.5	6085.4
57.5°	5447.0	5410.2	5506.8	5646.6	6070.6	6183.8	6913.2	6684.1	5917.0	6421.1
60°	5880.2	5885.8	5902.3	6078.9	6628.9	6774.3	7590.1	7180.8	6097.3	6627.1
62.5°	6400.8	6409.1	6443.2	6714.5	7378.6	7515.6	8311.2	7587.4	6180.1	6569.2
65°	6365.0	6399.9	6779.8	7707.9	8518.2	8653.4	9152.9	7872.5	6055.0	6039.4
67.5°	5798.4	5855.4	6491.0	8894.4	10236.4	10387.2	10170.2	7928.6	5515.1	4696.5
70°	5055.2	5075.4	5839.8	9961.4	12225.9	12378.6	11080.7	7311.4	4185.1	2619.6
72.5°	3947.8	3952.4	4849.1	10208.8	13305.7	13314.0	10366.1	5427.7	2250.7	1006.3
75°	2820.1	2792.5	3247.8	8279.1	11706.2	11800.0	7771.3	2546.0	860.0	475.5
77.5°	1512.1	1542.5	1837.7	4909.9	8086.8	8246.9	4240.2	734.0	437.8	323.8
80°	467.3	493.0	753.3	2248.0	4580.6	4677.1	1571.9	326.5	305.4	230.9
82.5°	147.2	152.7	351.4	944.6	1901.2	1945.4	455.3	184.9	208.8	152.7
85°	42.3	43.2	156.4	352.3	470.0	479.2	127.9	71.7	119.6	94.7
87.5°	4.6	14.7	58.9	58.9	41.4	40.5	13.8	15.6	34.0	12.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P852360  
 CATALOG NUMBER: GLAN-SB3B-735-U-T4FT-HSS

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1819.4	0°	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4	1819.4
1827.6	2.5°	1823.0	1823.9	1812.0	1791.8	1769.7	1751.3	1728.3	1709.9	1697.0	1693.3
1844.2	5°	1835.9	1829.5	1795.4	1733.8	1660.2	1596.8	1525.9	1469.8	1433.0	1417.4
1861.7	7.5°	1855.2	1836.8	1762.3	1640.9	1500.2	1375.1	1248.2	1149.7	1087.2	1055.9
1878.2	10°	1871.8	1835.0	1707.1	1506.6	1291.4	1101.9	930.8	812.2	746.0	714.7
1897.5	12.5°	1887.4	1834.1	1635.4	1347.5	1055.9	824.1	665.0	606.1	587.7	581.3
1928.8	15°	1916.8	1836.8	1545.3	1165.4	821.4	622.7	564.8	563.8	567.5	565.7
1976.6	17.5°	1957.3	1839.6	1443.2	972.2	633.7	549.1	546.4	554.6	560.2	557.4
2036.4	20°	2009.7	1850.6	1334.6	780.9	544.5	530.7	537.2	544.5	549.1	544.5
2116.4	22.5°	2083.3	1869.9	1216.0	627.3	516.0	519.7	525.2	533.5	538.1	531.6
2218.5	25°	2173.5	1900.3	1099.2	545.4	502.2	506.8	515.1	524.3	529.8	523.4
2347.3	27.5°	2290.3	1949.0	991.5	527.0	488.4	491.2	503.1	516.9	524.3	516.0
2530.4	30°	2459.5	2029.1	898.6	535.3	480.1	473.7	490.2	509.6	517.8	510.5
2779.6	32.5°	2684.0	2142.2	841.6	548.2	476.5	453.5	469.1	493.9	507.7	503.1
3105.2	35°	2978.3	2314.2	819.5	562.9	473.7	432.3	443.3	470.0	493.9	498.5
3515.4	37.5°	3335.2	2553.3	826.0	569.4	465.4	414.8	420.3	443.3	474.6	489.3
3977.2	40°	3740.8	2832.0	862.8	562.9	456.2	400.1	401.0	418.5	446.1	468.2
4473.9	42.5°	4159.3	3157.6	930.8	539.0	447.9	387.2	384.5	396.4	414.8	430.5
4969.6	45°	4557.6	3492.5	998.0	505.9	437.8	374.4	367.9	372.5	376.2	382.6
5452.5	47.5°	4905.3	3727.9	978.7	475.5	424.0	359.6	348.6	346.8	335.7	334.8
5883.9	50°	5145.3	3779.4	869.2	445.2	403.8	343.1	325.6	314.6	295.3	286.1
6206.8	52.5°	5221.7	3576.2	710.1	414.8	370.7	321.0	296.2	278.7	254.8	246.5
6392.6	55°	5120.5	3177.9	567.5	378.0	324.7	291.6	264.0	241.0	221.7	211.6
6412.8	57.5°	4873.1	2671.1	448.9	334.8	275.9	258.5	230.9	207.9	191.3	181.2
6188.4	60°	4462.8	2121.0	355.0	283.3	235.5	222.6	194.1	179.4	164.6	152.7
5608.9	62.5°	3840.1	1514.0	278.7	224.4	196.8	182.1	165.6	154.5	137.0	120.5
4566.8	65°	2996.7	926.2	215.2	164.6	158.2	150.8	140.7	130.6	109.5	92.9
2979.2	67.5°	1890.2	438.7	153.6	124.2	125.1	121.4	116.8	108.5	92.9	78.2
1334.6	70°	832.4	212.5	101.2	94.7	92.9	92.9	96.6	93.8	79.1	65.3
463.6	72.5°	283.3	114.1	75.4	71.7	67.1	66.2	80.9	78.2	63.5	50.6
230.9	75°	148.1	76.3	55.2	51.5	40.5	48.7	64.4	60.7	45.1	33.1
152.7	77.5°	96.6	54.3	37.7	33.1	23.0	32.2	47.8	42.3	26.7	16.6
100.3	80°	60.7	35.9	22.1	15.6	11.0	17.5	25.8	18.4	10.1	3.7
58.9	82.5°	32.2	18.4	8.3	5.5	4.6	5.5	6.4	4.6	1.8	0.0
30.4	85°	12.9	6.4	2.8	1.8	0.9	0.0	1.8	0.9	0.0	0.0
5.5	87.5°	4.6	0.9	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°
1819.4
1699.8
1422.9
1060.5
715.6
579.5
564.8
556.5
543.6
530.7
522.4
516.0
509.6
503.1
498.5
493.0
475.5
436.9
386.3
333.9
287.0
245.6
211.6
179.4
149.9
117.7
90.1
76.3
62.5
47.8
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