

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: P847397

Luminaire Tested: **GLAN-SB3C-722-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847397  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3C-722-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13781 lumens  
Efficiency: N/A  
Efficacy: 92.4 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G2

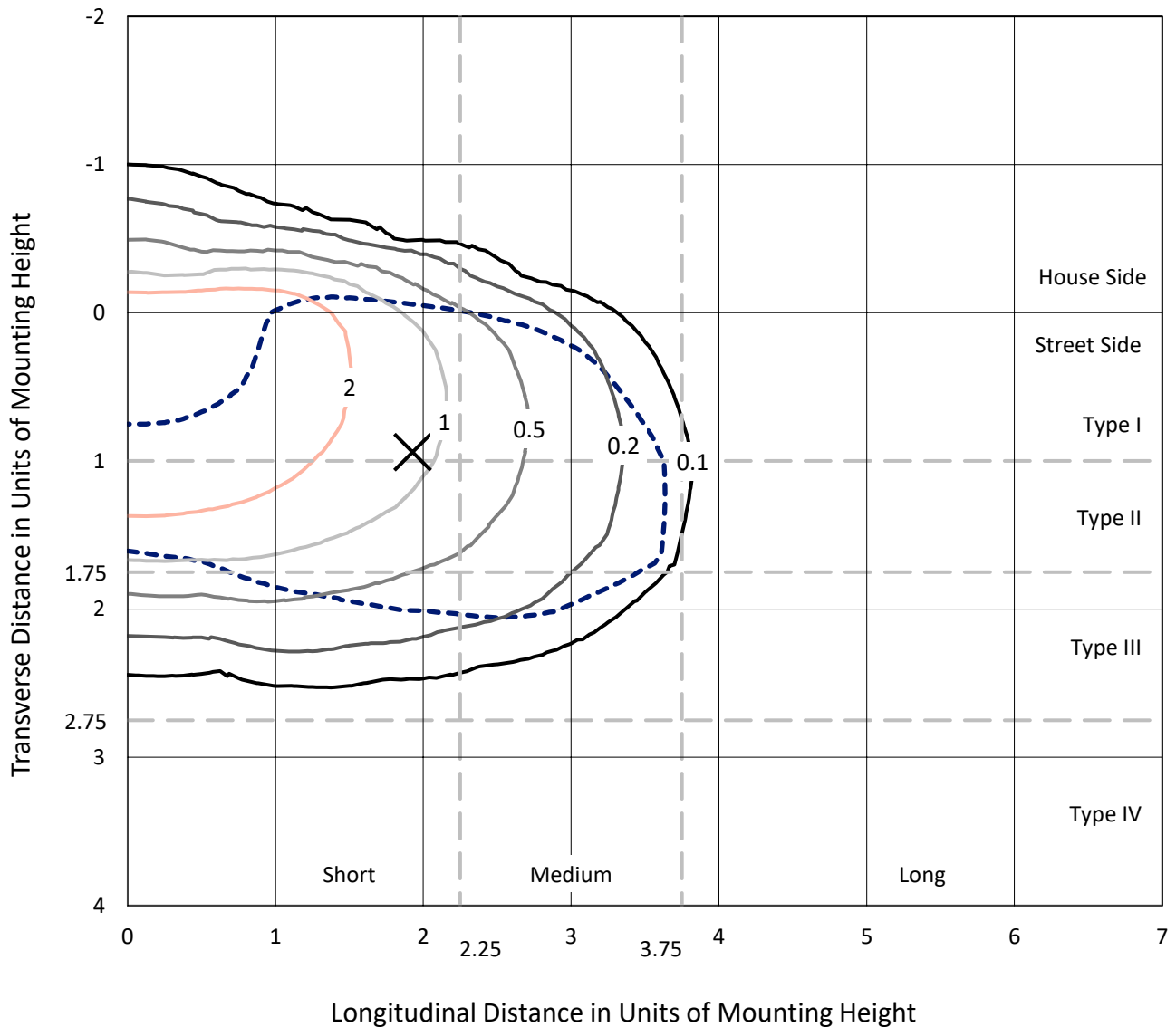
Input Watts (W): 149.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

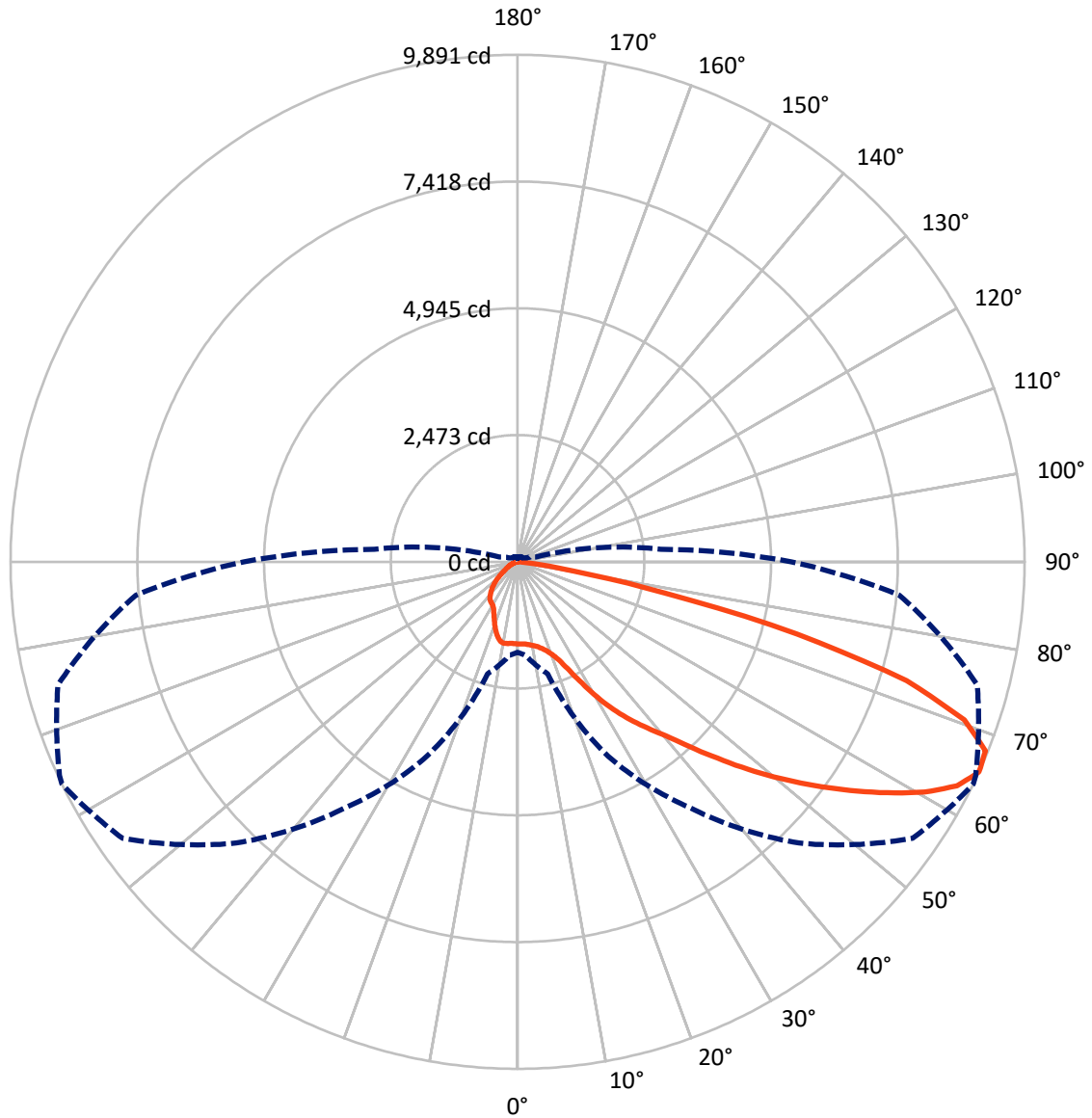
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1842.9	0.0	1842.9
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	11938.1	0.0	11938.1
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	13781.0	0.0	13781.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	147.9	1.1
10°-20°	401.1	2.9
20°-30°	760.0	5.5
30°-40°	1538.0	11.2
40°-50°	2619.9	19.0
50°-60°	3562.9	25.9
60°-70°	3345.8	24.3
70°-80°	1340.5	9.7
80°-90°	64.9	0.5
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°	13781.0	100.0
0°-180°	13781.0	100.0

**Coefficient of Utilization**



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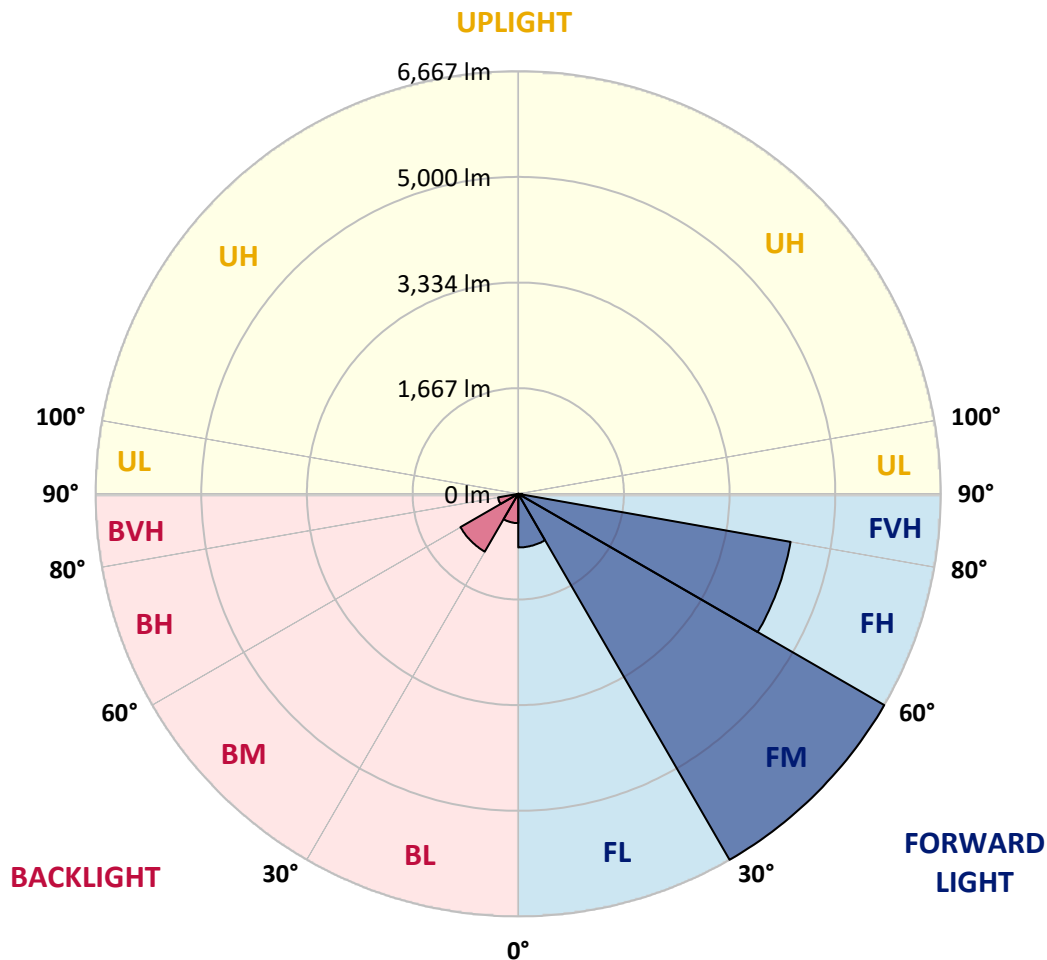
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	846.3	6.1			
FM (30°-60°)	6667.2	48.4			
FH (60°-80°)	4362.7	31.7			G2/5000
FVH (80°-90°)	61.8	0.4			G1/100
BL (0°-30°)	462.7	3.4	B1/500		
BM (30°-60°)	1053.6	7.6	B2/2500		
BH (60°-80°)	323.5	2.3	B1/500		G1/500
BVH (80°-90°)	3.2	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type III Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9
2.5°	1597.3	1608.4	1605.6	1602.9	1601.9	1603.8	1604.7	1603.8	1603.8	1603.8
5°	1566.8	1576.1	1576.1	1582.5	1591.8	1602.9	1611.2	1613.0	1614.9	1617.7
7.5°	1508.6	1516.0	1521.6	1542.8	1565.9	1595.5	1620.4	1633.4	1635.2	1645.4
10°	1468.9	1478.2	1487.4	1509.6	1542.8	1587.2	1629.7	1661.1	1665.7	1689.7
12.5°	1467.1	1476.3	1488.3	1512.3	1551.1	1598.3	1650.0	1695.3	1703.6	1738.7
15°	1486.5	1497.6	1508.6	1538.2	1579.8	1637.1	1692.5	1748.8	1757.2	1807.0
17.5°	1526.2	1541.0	1549.3	1578.9	1623.2	1686.9	1759.9	1824.6	1832.0	1890.2
20°	1604.7	1622.3	1625.0	1649.1	1692.5	1760.9	1847.7	1928.1	1937.3	2003.8
22.5°	1767.3	1792.3	1770.1	1782.1	1820.9	1889.3	1983.5	2085.1	2098.1	2173.8
25°	2053.7	2088.8	2031.5	2011.2	2027.8	2099.0	2217.2	2345.6	2360.4	2421.4
27.5°	2616.3	2571.1	2484.2	2399.2	2349.3	2390.0	2523.0	2681.9	2700.4	2759.5
30°	3234.4	3194.7	3077.3	2888.9	2770.6	2764.1	2887.0	3064.4	3085.6	3142.0
32.5°	3853.4	3815.5	3688.0	3456.1	3251.0	3149.4	3234.4	3431.2	3442.3	3478.3
35°	4462.2	4423.4	4295.9	4058.5	3806.2	3575.3	3558.7	3780.4	3784.1	3822.0
37.5°	5074.7	5042.4	4906.5	4673.7	4425.2	4106.5	3952.2	4111.1	4115.7	4152.7
40°	5511.7	5525.5	5432.2	5252.1	5038.7	4690.4	4393.8	4463.1	4435.4	4497.3
42.5°	5886.7	5914.5	5833.2	5742.6	5618.8	5312.1	4940.7	4928.7	4884.4	4917.6
45°	6211.0	6234.1	6161.1	6139.9	6137.1	5921.9	5538.5	5466.4	5404.5	5398.0
47.5°	6330.2	6374.5	6406.0	6477.1	6615.7	6525.1	6156.5	6044.7	5975.4	5924.6
50°	6375.5	6422.6	6529.7	6736.7	7064.7	7103.5	6771.8	6646.2	6561.2	6468.8
52.5°	6314.5	6398.6	6542.7	6891.0	7366.8	7567.2	7362.1	7252.2	7155.2	7004.6
55°	5955.1	6039.2	6333.9	6889.1	7517.3	7892.4	7920.1	7871.2	7762.2	7524.7
57.5°	5197.6	5322.3	5788.8	6654.5	7514.6	8172.3	8467.1	8502.2	8380.2	8040.2
60°	4148.1	4317.1	4886.2	6134.3	7282.7	8323.9	8946.5	9122.1	8992.7	8548.4
62.5°	2894.4	3090.3	3628.9	5319.5	6752.4	8214.8	9296.7	9620.9	9523.0	9002.9
65°	1765.5	1828.3	2262.5	4185.9	5850.7	7758.5	9404.8	9890.7	9858.4	9281.0
67.5°	1176.1	1228.7	1353.4	2870.4	4541.6	6846.6	9146.1	9843.6	9852.8	9235.7
70°	708.6	753.9	835.2	1669.4	2943.4	5419.3	8345.1	9243.1	9296.7	8630.6
72.5°	291.9	322.4	396.3	756.6	1524.3	3439.5	6645.2	7935.8	8060.6	7256.8
75°	165.4	181.1	232.8	379.7	661.5	1602.9	4025.2	5633.6	5817.5	5001.7
77.5°	109.9	117.3	150.6	245.7	372.3	546.9	1720.2	2935.1	3286.1	2731.8
80°	73.9	80.4	103.5	164.4	242.0	234.7	547.8	1087.4	1337.7	938.6
82.5°	49.9	50.8	73.9	108.1	153.4	113.6	161.7	338.1	425.0	271.6
85°	28.6	27.7	54.5	62.8	68.4	47.1	49.0	101.6	133.0	114.6
87.5°	3.7	5.5	21.2	16.6	9.2	10.2	10.2	17.6	25.9	27.7
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°
1602.9	0°	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9	1602.9
1604.7	2.5°	1604.7	1603.8	1601.0	1598.3	1591.8	1588.1	1589.9	1588.1	1587.2	1588.1
1616.7	5°	1616.7	1614.0	1606.6	1597.3	1584.4	1568.7	1558.5	1543.7	1529.9	1521.6
1649.1	7.5°	1649.1	1646.3	1636.1	1610.3	1568.7	1503.1	1443.0	1390.4	1350.7	1327.6
1700.8	10°	1700.8	1696.2	1680.5	1623.2	1514.2	1371.0	1251.8	1153.0	1088.3	1057.8
1761.8	12.5°	1761.8	1756.2	1728.5	1611.2	1410.7	1187.1	1022.7	912.8	852.7	825.9
1832.0	15°	1833.8	1826.4	1771.9	1553.9	1260.1	983.9	833.3	751.1	712.3	688.3
1921.6	17.5°	1923.4	1910.5	1804.3	1468.0	1096.6	828.7	716.9	655.0	620.8	597.7
2038.9	20°	2039.9	2018.6	1830.1	1365.4	946.0	730.8	638.4	586.6	560.8	540.5
2205.2	22.5°	2202.4	2172.0	1861.6	1254.6	839.8	663.3	580.2	542.3	521.0	498.0
2437.1	25°	2403.8	2367.8	1900.4	1152.0	766.8	605.1	537.7	506.3	481.3	454.5
2741.1	27.5°	2685.6	2621.0	1946.5	1068.0	704.0	555.2	498.9	463.8	435.1	413.0
3085.6	30°	2999.7	2893.5	1987.2	1017.2	646.7	509.0	448.1	413.0	386.2	370.5
3395.1	32.5°	3297.2	3153.1	2014.0	995.0	595.0	456.4	392.6	354.8	334.4	329.8
3698.2	35°	3578.1	3387.7	2011.2	973.7	548.8	403.7	338.1	299.3	283.6	286.4
4024.3	37.5°	3901.4	3638.1	1991.8	940.5	510.9	355.7	291.0	256.8	243.0	243.9
4420.6	40°	4277.4	3927.3	1979.8	877.7	469.3	311.3	252.2	224.5	214.3	210.6
4838.2	42.5°	4678.4	4207.2	1981.7	806.5	417.6	271.6	225.4	202.3	193.1	190.3
5302.9	45°	5081.2	4474.2	1984.4	732.6	363.1	241.1	206.0	186.6	181.1	177.4
5774.0	47.5°	5459.9	4701.5	1932.7	653.2	309.5	218.0	190.3	177.4	172.8	168.1
6247.0	50°	5812.8	4853.0	1808.0	560.8	267.0	199.6	178.3	169.1	164.4	159.8
6675.7	52.5°	6087.2	4877.0	1601.9	465.6	237.4	185.7	170.9	162.6	157.1	152.4
7022.2	55°	6209.2	4726.4	1309.1	376.9	214.3	173.7	163.5	155.2	148.7	144.1
7294.7	57.5°	6177.8	4409.5	1020.9	303.0	192.2	161.7	154.3	148.7	141.3	134.0
7515.5	60°	6023.5	3985.5	769.6	252.2	171.8	148.7	144.1	139.5	129.3	118.3
7600.5	62.5°	5756.5	3452.4	548.8	208.8	149.7	134.0	132.1	128.4	113.6	93.3
7474.8	65°	5348.1	2804.8	369.5	173.7	128.4	117.3	118.3	111.8	92.4	69.3
7014.8	67.5°	4751.3	2050.9	236.5	142.3	107.2	97.9	98.9	95.2	78.5	59.1
6142.7	70°	3991.0	1358.1	154.3	108.1	85.9	75.8	81.3	82.2	66.5	48.0
4714.4	72.5°	2925.8	801.9	108.1	80.4	62.8	52.7	66.5	68.4	53.6	36.0
2836.2	75°	1667.5	380.6	81.3	58.2	38.8	37.0	51.7	51.7	37.0	24.0
1227.8	77.5°	700.3	158.9	57.3	37.9	22.2	21.2	35.1	32.3	18.5	11.1
299.3	80°	202.3	71.1	30.5	18.5	9.2	8.3	13.9	10.2	4.6	1.8
113.6	82.5°	79.5	31.4	12.0	7.4	3.7	3.7	1.8	0.0	0.0	0.0
64.7	85°	47.1	12.9	5.5	2.8	0.9	0.0	0.0	0.0	0.0	0.0
13.9	87.5°	12.0	2.8	1.8	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°
1602.9
1591.8
1523.4
1328.5
1055.0
823.1
689.2
595.9
536.8
494.3
451.8
408.3
367.7
332.6
286.4
247.6
209.7
189.4
177.4
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159.8
151.5
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