

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: P852414

Luminaire Tested: **GLAN-SB3C-930-U-T4FT-HSS**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852414
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-930-U-T4FT-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 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: 11478 lumens
Efficiency: N/A
Efficacy: 77.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

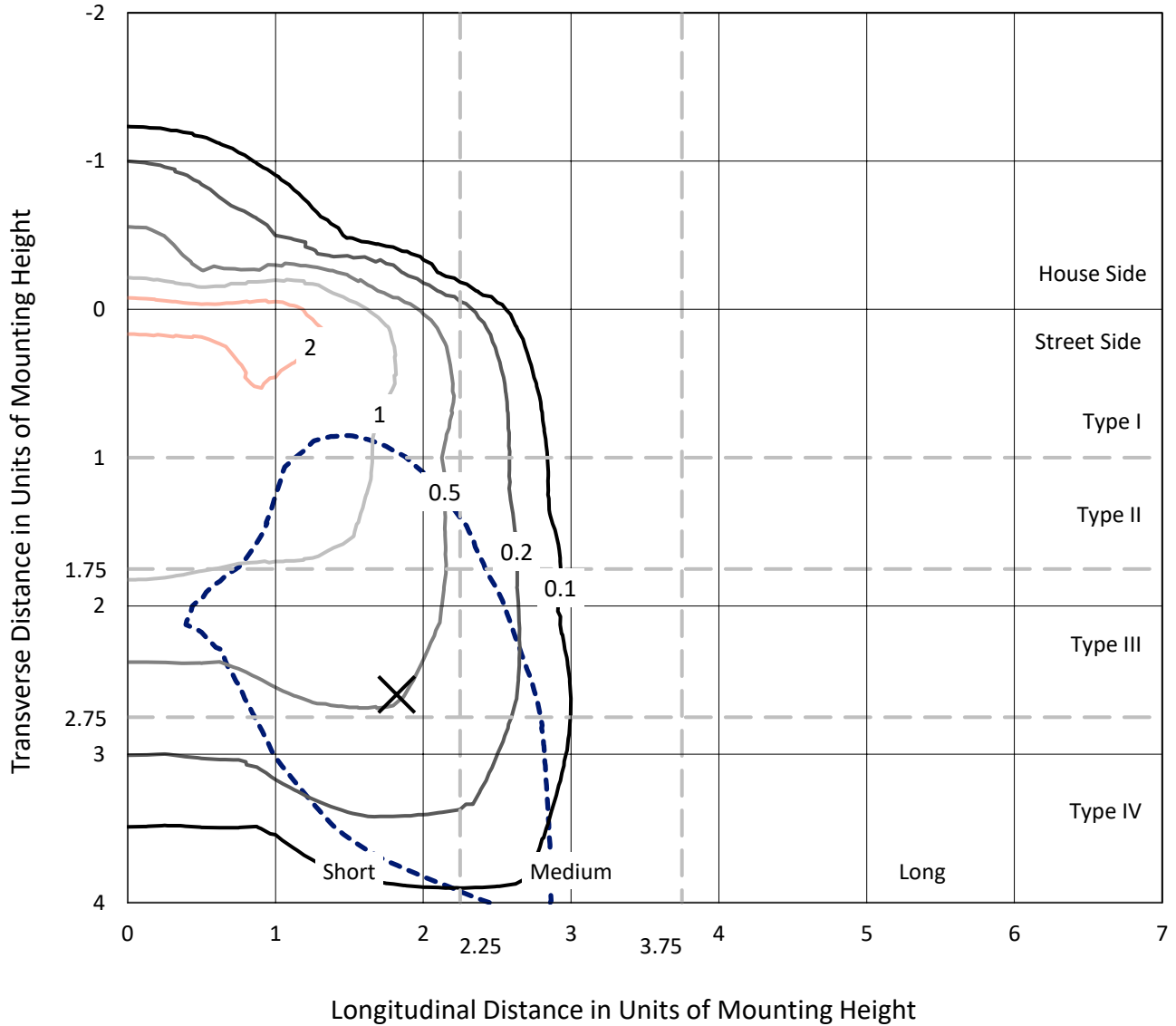
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

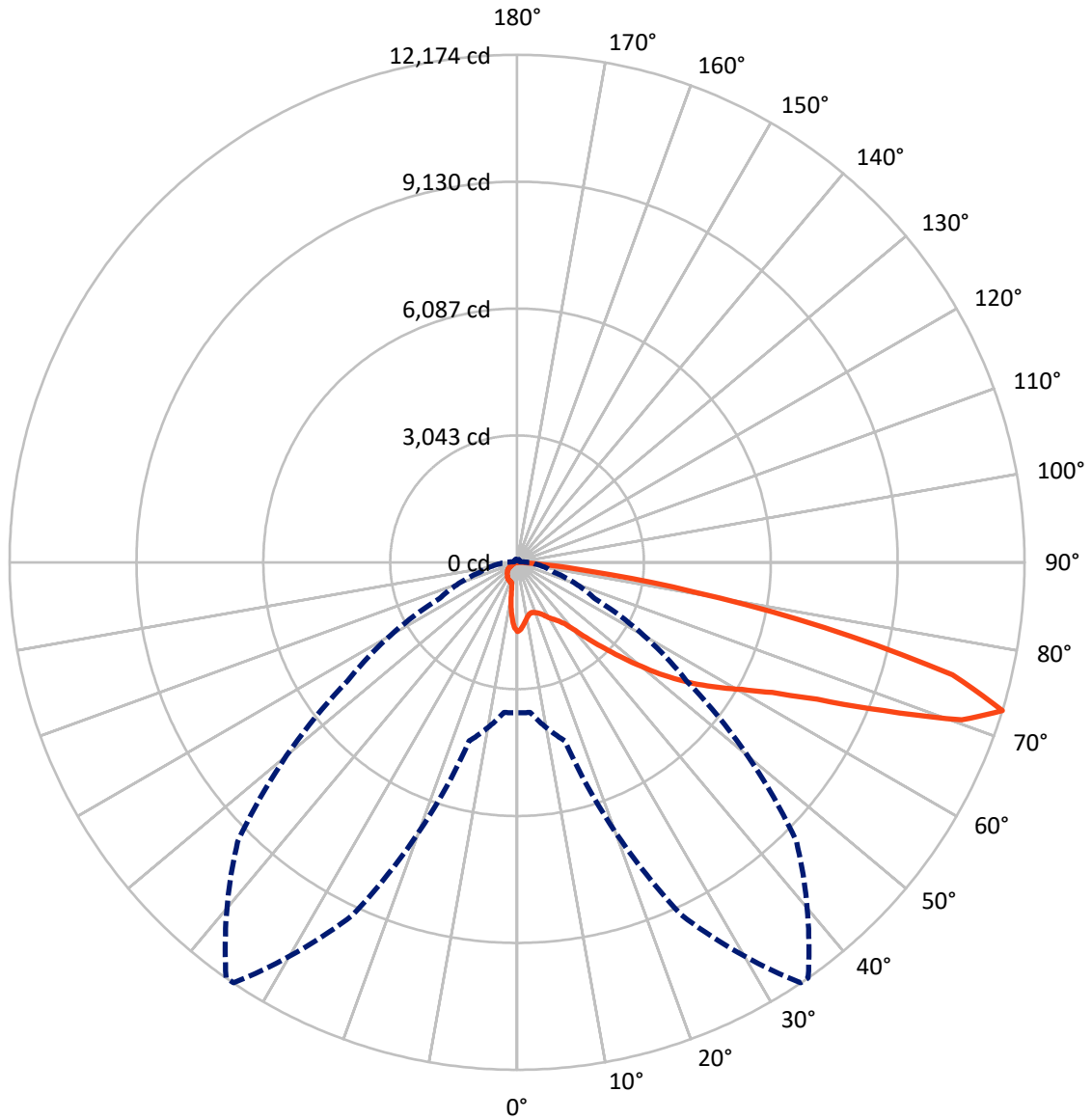
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 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
House Side	Lumens	1291.8	0.0	1291.8
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	10186.2	0.0	10186.2
	% Fixture	88.7	0.0	88.7
Total	Lumens	11478.0	0.0	11478.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.7	1.2
10°-20°	319.8	2.8
20°-30°	519.5	4.5
30°-40°	866.8	7.6
40°-50°	1640.0	14.3
50°-60°	2605.9	22.7
60°-70°	3223.6	28.1
70°-80°	2003.8	17.5
80°-90°	161.9	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°	11478.0	100.0
0°-180°	11478.0	100.0

Coefficient of Utilization



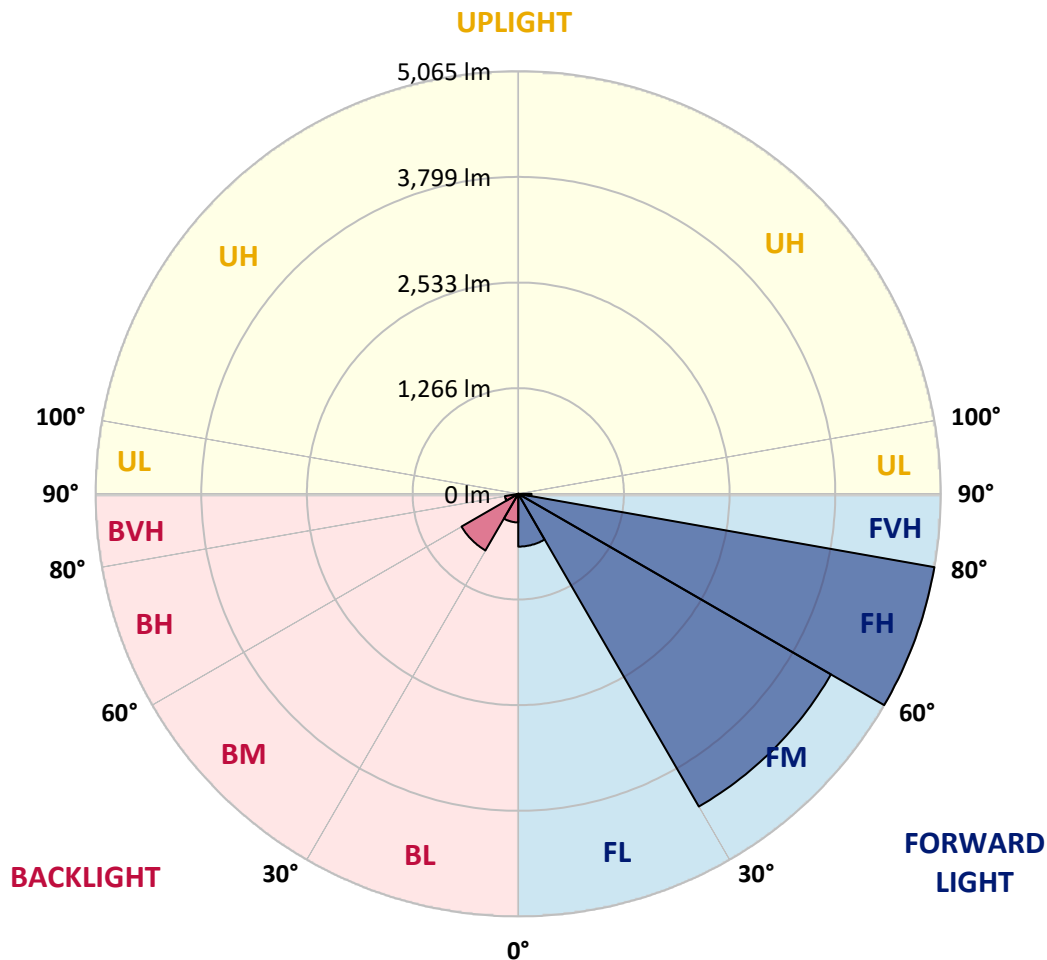
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	632.7	5.5			
FM (30°-60°)	4328.4	37.7			
FH (60°-80°)	5065.4	44.1			G3/7500
FVH (80°-90°)	159.7	1.4			G2/225
BL (0°-30°)	343.3	3.0	B1/500		
BM (30°-60°)	784.2	6.8	B1/1000		
BH (60°-80°)	162.1	1.4	B1/500		G1/500
BVH (80°-90°)	2.2	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5
2.5°	1589.5	1603.0	1605.5	1609.7	1609.7	1614.8	1623.2	1635.0	1654.3	1664.4
5°	1465.1	1475.2	1487.8	1497.9	1517.2	1519.7	1552.5	1584.5	1629.1	1662.7
7.5°	1339.8	1351.5	1368.3	1392.7	1418.0	1425.5	1475.2	1529.0	1599.6	1662.7
10°	1251.4	1252.3	1267.4	1291.8	1332.2	1341.4	1402.0	1478.5	1566.8	1652.6
12.5°	1201.8	1207.7	1214.4	1232.9	1271.6	1277.5	1342.3	1432.3	1534.0	1646.7
15°	1201.8	1206.0	1210.2	1219.5	1250.6	1255.7	1312.8	1402.8	1517.2	1649.2
17.5°	1214.4	1221.2	1217.8	1228.7	1261.5	1264.9	1315.4	1394.4	1516.4	1665.2
20°	1244.7	1249.8	1243.0	1249.8	1282.6	1289.3	1341.4	1410.4	1530.7	1693.0
22.5°	1292.7	1295.2	1279.2	1284.2	1317.9	1326.3	1386.8	1455.8	1565.1	1737.6
25°	1353.2	1358.3	1333.9	1339.8	1371.7	1381.8	1451.6	1523.9	1619.8	1799.0
27.5°	1423.0	1425.5	1404.5	1403.7	1444.9	1459.2	1529.8	1608.0	1693.0	1876.3
30°	1502.9	1510.5	1490.3	1486.9	1539.1	1550.8	1620.7	1711.5	1800.6	1992.4
32.5°	1566.0	1571.9	1560.1	1568.5	1621.5	1630.7	1730.8	1857.8	1969.7	2157.2
35°	1656.8	1660.2	1633.3	1648.4	1709.0	1732.5	1881.4	2063.0	2182.5	2364.1
37.5°	1985.7	1985.7	1871.3	1796.4	1854.5	1875.5	2087.4	2321.2	2444.9	2641.7
40°	2440.7	2433.1	2265.7	2112.7	2105.1	2146.3	2380.9	2646.7	2783.8	2974.7
42.5°	2925.9	2914.2	2686.2	2534.8	2509.6	2523.9	2719.9	3047.9	3187.5	3380.9
45°	3356.5	3353.2	3144.6	2941.1	2895.6	2941.1	3142.9	3517.2	3617.2	3820.8
47.5°	3717.3	3717.3	3565.1	3432.2	3408.7	3435.6	3715.6	4037.8	4028.5	4289.2
50°	4132.8	4129.4	3984.8	3927.6	3952.0	3989.8	4375.0	4586.1	4454.1	4749.3
52.5°	4423.8	4444.0	4394.4	4385.1	4509.6	4575.2	5044.5	5122.7	4835.1	5185.8
55°	4654.2	4677.8	4735.0	4799.7	5039.4	5125.2	5692.9	5631.5	5153.8	5564.2
57.5°	4980.5	4946.9	5035.2	5163.1	5550.8	5654.2	6321.1	6111.7	5410.3	5871.2
60°	5376.7	5381.7	5396.9	5558.3	6061.3	6194.1	6940.1	6565.9	5575.2	6059.6
62.5°	5852.7	5860.3	5891.4	6139.5	6746.7	6872.0	7599.5	6937.6	5650.8	6006.6
65°	5819.9	5851.9	6199.2	7047.8	7788.7	7912.4	8369.0	7198.3	5536.5	5522.2
67.5°	5301.8	5354.0	5935.1	8132.7	9359.8	9497.7	9299.2	7249.6	5042.8	4294.3
70°	4622.3	4640.8	5339.7	9108.3	11178.9	11318.5	10131.8	6685.3	3826.7	2395.2
72.5°	3609.7	3613.9	4433.9	9334.5	12166.3	12173.8	9478.3	4962.9	2058.0	920.1
75°	2578.6	2553.4	2969.7	7570.1	10703.7	10789.5	7105.8	2328.0	786.4	434.8
77.5°	1382.6	1410.4	1680.4	4489.4	7394.3	7540.6	3877.1	671.1	400.3	296.0
80°	427.2	450.8	688.8	2055.5	4188.3	4276.6	1437.3	298.6	279.2	211.1
82.5°	134.6	139.6	321.3	863.7	1738.4	1778.8	416.3	169.0	190.9	139.6
85°	38.7	39.5	143.0	322.1	429.8	438.2	116.9	65.6	109.3	86.6
87.5°	4.2	13.5	53.8	53.8	37.8	37.0	12.6	14.3	31.1	10.9
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°
1663.5	0°	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5	1663.5
1671.1	2.5°	1666.9	1667.8	1656.8	1638.3	1618.1	1601.3	1580.3	1563.5	1551.7	1548.3
1686.3	5°	1678.7	1672.8	1641.7	1585.3	1518.0	1460.0	1395.3	1344.0	1310.3	1296.0
1702.2	7.5°	1696.3	1679.5	1611.4	1500.4	1371.7	1257.3	1141.3	1051.3	994.1	965.5
1717.4	10°	1711.5	1677.8	1560.9	1377.6	1180.8	1007.5	851.1	742.6	682.1	653.5
1735.0	12.5°	1725.8	1677.0	1495.3	1232.1	965.5	753.6	608.1	554.2	537.4	531.5
1763.6	15°	1752.7	1679.5	1412.9	1065.6	751.0	569.4	516.4	515.5	518.9	517.2
1807.4	17.5°	1789.7	1682.0	1319.6	889.0	579.5	502.1	499.6	507.1	512.2	509.7
1862.0	20°	1837.6	1692.1	1220.3	714.0	497.9	485.3	491.2	497.9	502.1	497.9
1935.2	22.5°	1904.9	1709.8	1111.8	573.6	471.8	475.2	480.2	487.8	492.0	486.1
2028.6	25°	1987.3	1737.6	1005.0	498.7	459.2	463.4	471.0	479.4	484.4	478.5
2146.3	27.5°	2094.2	1782.1	906.6	481.9	446.6	449.1	460.0	472.7	479.4	471.8
2313.7	30°	2248.9	1855.3	821.7	489.5	439.0	433.1	448.3	465.9	473.5	466.8
2541.6	32.5°	2454.1	1958.7	769.5	501.3	435.7	414.6	428.9	451.6	464.2	460.0
2839.3	35°	2723.2	2116.0	749.4	514.7	433.1	395.3	405.4	429.8	451.6	455.8
3214.4	37.5°	3049.6	2334.7	755.2	520.6	425.6	379.3	384.3	405.4	434.0	447.4
3636.6	40°	3420.4	2589.5	788.9	514.7	417.1	365.8	366.7	382.7	407.9	428.1
4090.7	42.5°	3803.1	2887.2	851.1	492.8	409.6	354.1	351.5	362.5	379.3	393.6
4544.1	45°	4167.3	3193.4	912.5	462.6	400.3	342.3	336.4	340.6	344.0	349.9
4985.6	47.5°	4485.2	3408.7	894.9	434.8	387.7	328.8	318.7	317.1	307.0	306.1
5380.0	50°	4704.7	3455.8	794.8	407.1	369.2	313.7	297.7	287.6	270.0	261.6
5675.2	52.5°	4774.5	3269.9	649.3	379.3	338.9	293.5	270.8	254.8	233.0	225.4
5845.1	55°	4682.0	2905.7	518.9	345.7	296.9	266.6	241.4	220.3	202.7	193.4
5863.6	57.5°	4455.7	2442.3	410.4	306.1	252.3	236.3	211.1	190.1	174.9	165.7
5658.4	60°	4080.7	1939.4	324.6	259.0	215.3	203.5	177.5	164.0	150.5	139.6
5128.6	62.5°	3511.3	1384.3	254.8	205.2	180.0	166.5	151.4	141.3	125.3	110.2
4175.7	65°	2740.1	846.9	196.8	150.5	144.7	137.9	128.7	119.4	100.1	84.9
2724.1	67.5°	1728.3	401.2	140.5	113.5	114.4	111.0	106.8	99.2	84.9	71.5
1220.3	70°	761.1	194.3	92.5	86.6	84.9	84.9	88.3	85.8	72.3	59.7
423.9	72.5°	259.0	104.3	69.0	65.6	61.4	60.6	74.0	71.5	58.0	46.3
211.1	75°	135.4	69.8	50.5	47.1	37.0	44.6	58.9	55.5	41.2	30.3
139.6	77.5°	88.3	49.6	34.5	30.3	21.0	29.4	43.7	38.7	24.4	15.1
91.7	80°	55.5	32.8	20.2	14.3	10.1	16.0	23.5	16.8	9.3	3.4
53.8	82.5°	29.4	16.8	7.6	5.0	4.2	5.0	5.9	4.2	1.7	0.0
27.8	85°	11.8	5.9	2.5	1.7	0.8	0.0	1.7	0.8	0.0	0.0
5.0	87.5°	4.2	0.8	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°
1663.5
1554.2
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485.3
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455.8
450.8
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