

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: P847358

Luminaire Tested: **GLAN-SB3B-930-U-T3**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847358
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-5)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-930-U-T3
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11406 lumens
Efficiency: N/A
Efficacy: 104.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

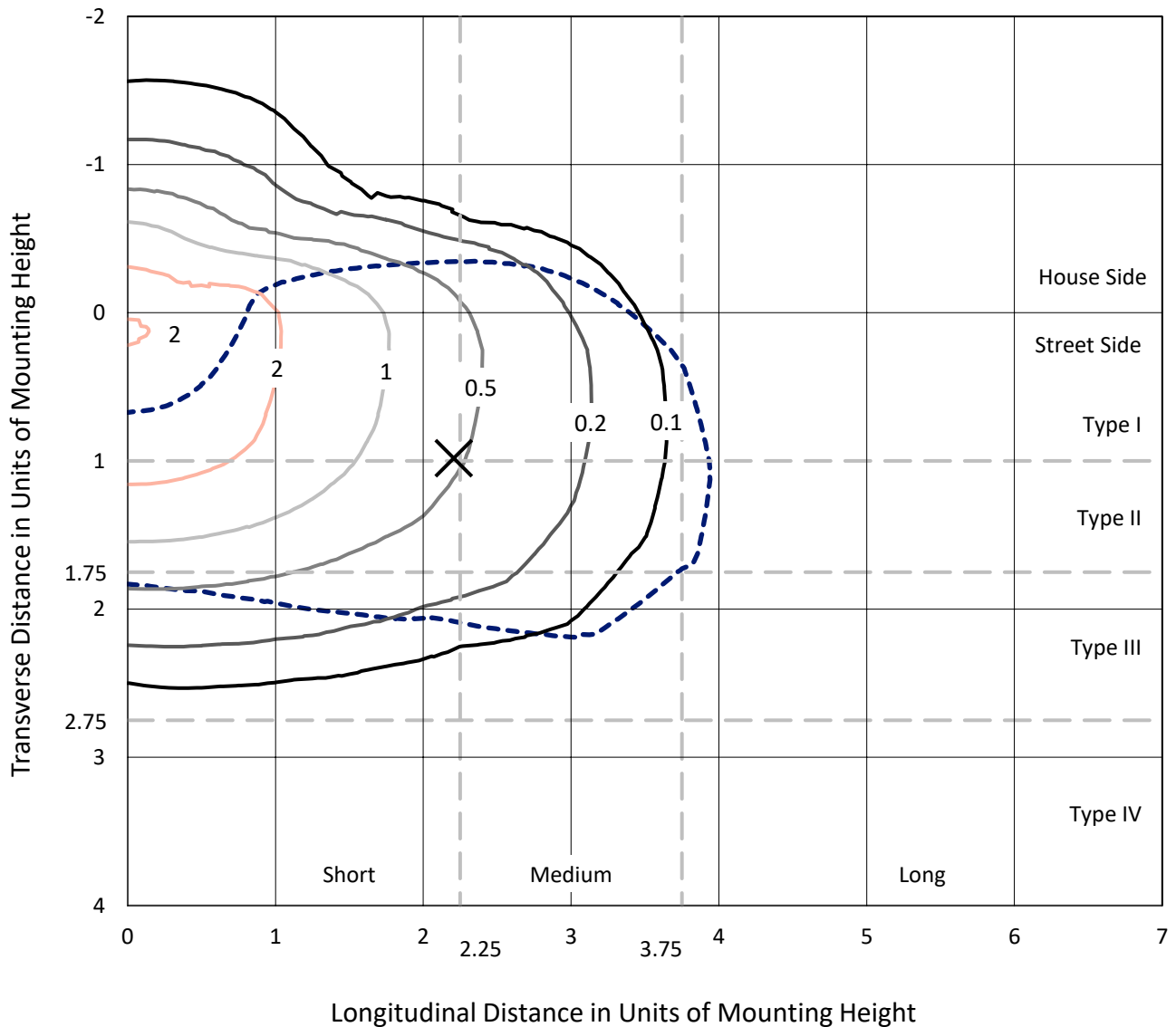
Input Watts (W): 109.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

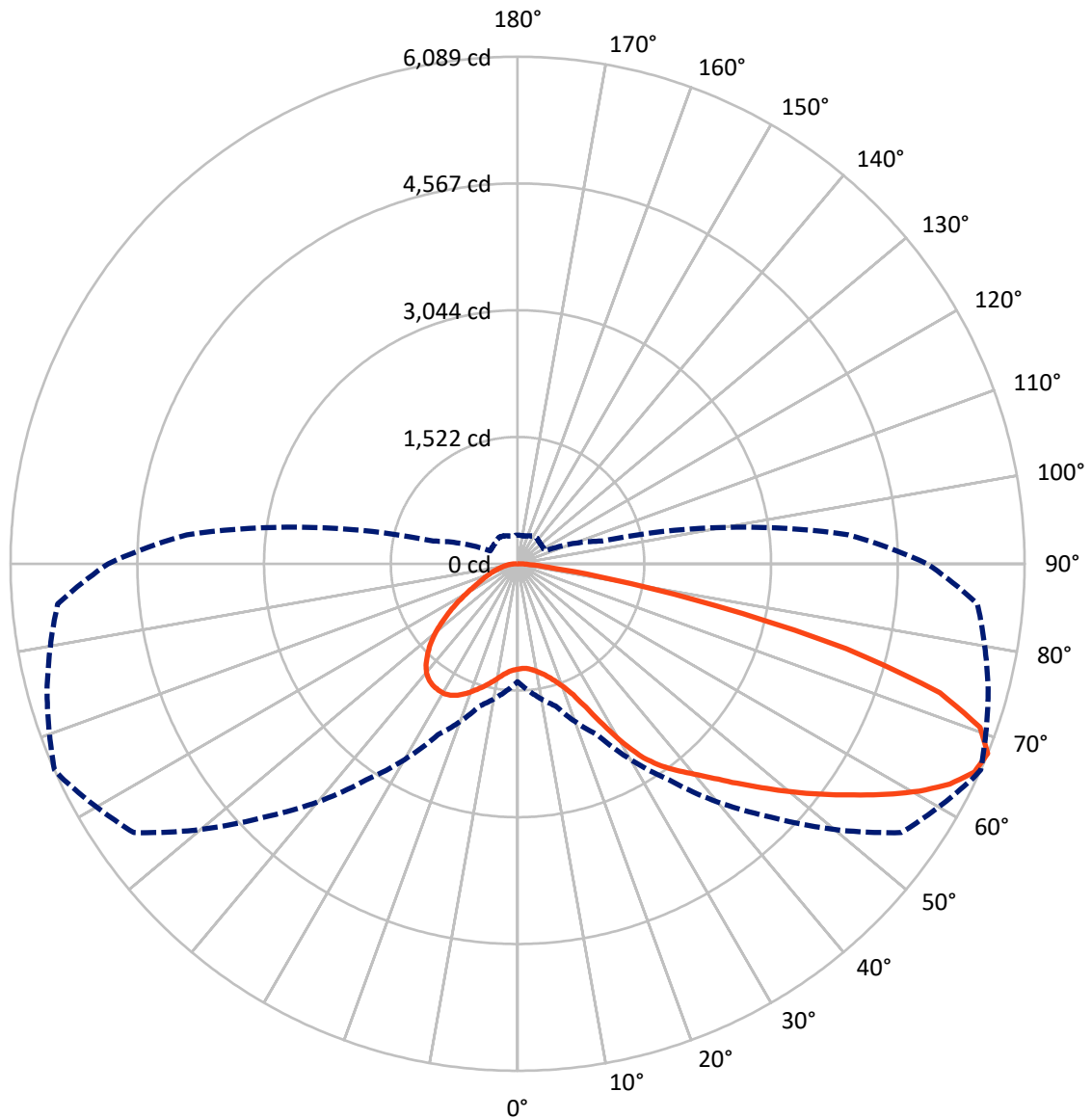
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2836.1	0.0	2836.1
	% Fixture	24.9	0.0	24.9
Street Side	Lumens	8569.9	0.0	8569.9
	% Fixture	75.1	0.0	75.1
Total	Lumens	11406.0	0.0	11406.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.4	1.1
10°-20°	414.4	3.6
20°-30°	798.7	7.0
30°-40°	1400.5	12.3
40°-50°	2082.0	18.3
50°-60°	2639.2	23.1
60°-70°	2582.4	22.6
70°-80°	1231.8	10.8
80°-90°	131.6	1.2
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°	11406.0	100.0
0°-180°	11406.0	100.0

Coefficient of Utilization



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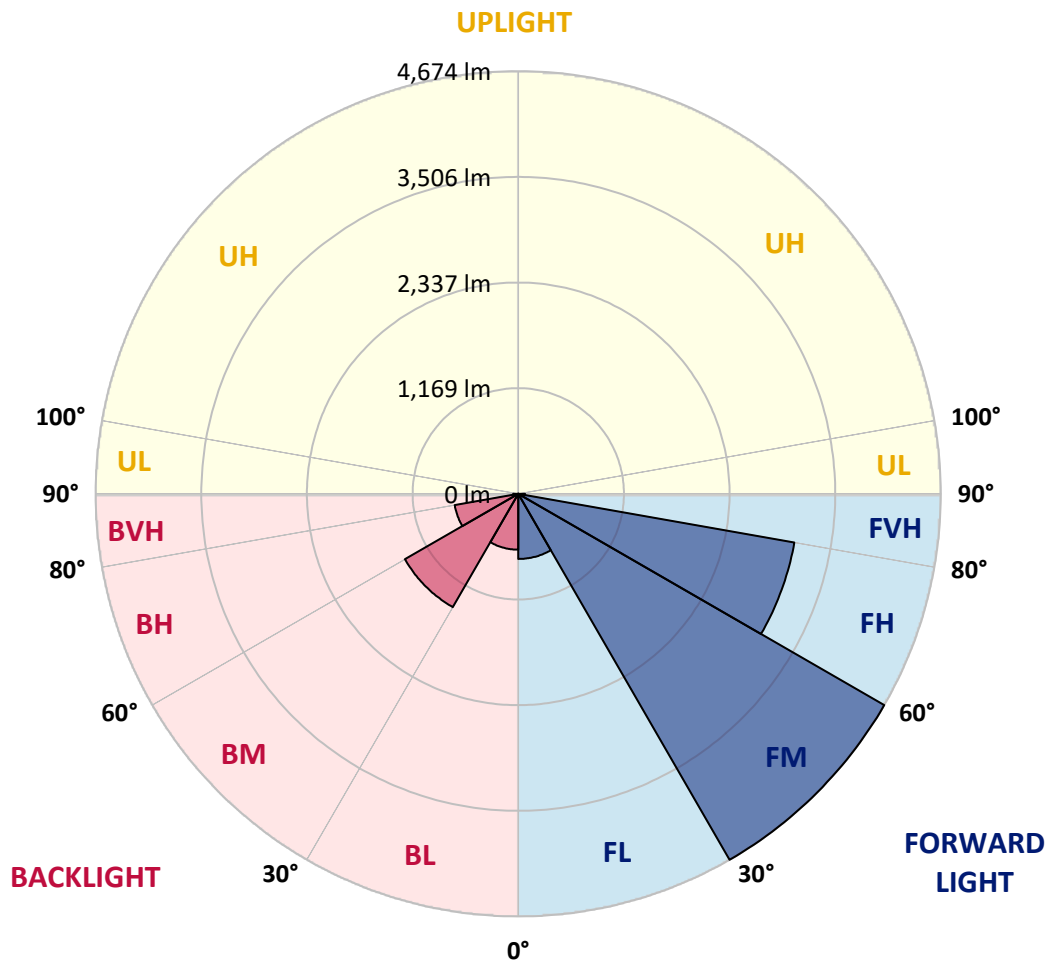
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	720.7	6.3			
FM (30°-60°)	4674.1	41.0			
FH (60°-80°)	3100.5	27.2			G2/5000
FVH (80°-90°)	74.6	0.7			G1/100
BL (0°-30°)	617.8	5.4	B2/1000		
BM (30°-60°)	1447.6	12.7	B2/2500		
BH (60°-80°)	713.7	6.3	B2/1000		G2/1000
BVH (80°-90°)	57.0	0.5			G1/100
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°	65°	66°	75°
0°	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1
2.5°	1251.9	1259.1	1257.3	1254.3	1253.7	1254.9	1256.7	1258.5	1257.9	1260.9
5°	1248.3	1255.5	1254.9	1254.9	1257.3	1262.1	1265.1	1268.1	1265.1	1268.7
7.5°	1250.7	1256.1	1258.5	1260.9	1266.9	1275.9	1283.1	1289.6	1286.1	1290.2
10°	1281.3	1285.5	1287.8	1287.8	1292.0	1302.2	1309.4	1321.4	1318.4	1325.0
12.5°	1337.0	1341.2	1341.2	1338.8	1341.8	1348.4	1350.8	1364.0	1358.6	1369.4
15°	1405.3	1413.7	1407.1	1402.9	1404.1	1410.7	1410.1	1420.3	1414.9	1423.9
17.5°	1480.8	1491.6	1480.8	1480.2	1477.8	1485.0	1485.6	1494.6	1485.0	1491.6
20°	1570.1	1585.1	1576.1	1579.1	1573.7	1576.7	1579.7	1592.9	1577.9	1582.7
22.5°	1696.0	1713.9	1704.3	1715.7	1712.1	1709.7	1709.1	1732.5	1709.1	1710.9
25°	1879.3	1900.9	1884.1	1899.7	1899.7	1907.5	1916.5	1946.5	1907.5	1896.1
27.5°	2150.2	2171.8	2138.8	2148.4	2145.4	2164.6	2155.0	2229.3	2187.4	2168.8
30°	2476.2	2514.6	2452.2	2449.8	2446.9	2477.4	2491.2	2540.3	2497.8	2479.2
32.5°	2828.6	2868.7	2794.4	2772.9	2761.5	2780.1	2768.7	2808.2	2778.9	2750.1
35°	3201.3	3240.9	3170.2	3128.2	3082.7	3043.7	3003.0	3013.2	2985.6	2941.9
37.5°	3553.7	3626.2	3551.3	3506.4	3422.5	3346.4	3232.5	3185.2	3159.4	3119.2
40°	3912.7	3954.0	3897.1	3858.8	3767.7	3648.4	3466.2	3366.1	3331.4	3292.4
42.5°	4177.0	4216.5	4186.0	4159.6	4088.3	3949.8	3714.3	3589.1	3538.7	3495.0
45°	4386.7	4416.1	4396.9	4406.5	4375.9	4241.7	3971.4	3828.2	3776.1	3722.7
47.5°	4471.2	4502.4	4532.9	4589.9	4642.0	4543.1	4247.7	4087.1	4031.9	3977.4
50°	4461.6	4493.4	4582.1	4703.1	4864.9	4832.0	4538.9	4362.7	4311.8	4249.5
52.5°	4384.9	4420.9	4534.7	4736.1	4993.8	5048.3	4835.6	4647.4	4599.5	4525.1
55°	4183.6	4205.1	4375.9	4661.2	5024.3	5199.3	5126.2	4950.6	4902.7	4799.0
57.5°	3810.2	3841.4	4090.1	4459.2	4947.6	5301.8	5381.5	5269.5	5223.3	5074.1
60°	3323.0	3372.7	3657.4	4120.0	4752.3	5301.2	5613.4	5582.9	5544.5	5345.0
62.5°	2771.7	2829.2	3103.1	3640.6	4410.7	5150.8	5758.5	5845.4	5825.6	5594.9
65°	2128.6	2168.2	2440.9	3020.4	3879.1	4827.8	5775.2	6024.5	6028.1	5784.8
67.5°	1417.3	1531.2	1767.9	2266.5	3167.2	4299.8	5627.8	6053.9	6088.7	5850.2
70°	691.6	841.4	1073.3	1473.0	2266.5	3490.2	5242.5	5813.0	5890.3	5659.6
72.5°	287.1	335.6	462.0	726.9	1301.0	2355.2	4468.2	5159.8	5303.0	5014.8
75°	193.6	209.7	264.3	372.8	592.7	1161.4	3222.3	3847.4	4078.1	3787.4
77.5°	149.2	159.4	192.4	260.7	352.4	439.3	1724.7	2318.6	2437.9	2256.9
80°	117.5	125.2	143.8	190.0	249.9	234.9	587.9	1050.5	1119.5	939.1
82.5°	101.9	104.9	103.1	128.8	166.0	137.2	193.0	387.7	427.9	310.4
85°	73.7	82.1	85.7	79.7	88.1	69.5	79.1	137.2	151.0	134.8
87.5°	30.0	44.3	54.5	51.5	32.4	19.8	24.6	40.2	46.1	50.3
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°
1265.1	0°	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1	1265.1
1265.7	2.5°	1266.3	1270.5	1273.5	1277.1	1279.5	1283.1	1290.2	1294.4	1295.0	1298.0
1275.3	5°	1277.7	1283.7	1290.2	1299.8	1310.6	1319.6	1333.4	1343.0	1346.6	1349.6
1298.6	7.5°	1302.2	1310.6	1322.6	1339.4	1355.0	1367.0	1383.7	1395.1	1406.5	1410.7
1335.8	10°	1338.8	1350.8	1368.2	1390.9	1407.7	1423.3	1440.7	1450.3	1461.6	1466.4
1380.1	12.5°	1384.3	1396.9	1419.7	1451.5	1467.0	1477.8	1483.8	1481.4	1483.8	1488.0
1433.5	15°	1436.5	1450.3	1476.0	1510.2	1521.0	1511.4	1498.2	1486.2	1484.4	1485.6
1498.2	17.5°	1498.2	1508.4	1538.3	1567.1	1559.3	1519.8	1491.0	1471.8	1462.2	1459.2
1580.9	20°	1584.5	1584.5	1609.1	1627.0	1574.9	1507.8	1462.8	1431.7	1411.9	1403.5
1693.6	22.5°	1689.4	1679.8	1695.4	1682.8	1571.9	1474.2	1411.9	1358.0	1328.0	1316.0
1851.2	25°	1822.4	1811.0	1806.8	1728.9	1550.3	1420.9	1319.6	1254.3	1227.9	1221.3
2078.3	27.5°	2023.2	1994.4	1939.9	1754.1	1510.8	1337.0	1211.7	1151.2	1136.2	1136.8
2370.1	30°	2290.4	2232.9	2099.3	1758.3	1446.1	1218.3	1101.5	1058.3	1051.1	1054.1
2615.2	32.5°	2537.9	2483.4	2262.3	1739.1	1346.6	1102.1	1002.6	973.8	963.0	966.6
2802.2	35°	2732.1	2717.1	2413.3	1712.1	1224.3	993.0	913.9	889.3	868.4	863.6
2978.4	37.5°	2915.5	2909.5	2526.6	1674.4	1103.3	915.7	842.6	810.2	779.7	762.9
3173.2	40°	3116.8	3110.9	2600.9	1616.3	996.0	848.6	778.5	735.9	698.2	667.6
3393.7	42.5°	3343.4	3308.0	2636.2	1533.0	904.9	791.6	726.3	668.8	619.1	590.9
3643.0	45°	3590.9	3511.2	2635.6	1426.9	828.2	739.5	670.6	589.1	542.9	516.6
3898.9	47.5°	3853.4	3705.3	2603.3	1309.4	753.9	682.0	584.3	522.0	491.4	475.2
4177.0	50°	4124.2	3886.9	2548.1	1174.6	677.8	616.7	530.4	487.8	464.4	449.5
4452.6	52.5°	4378.9	4051.7	2481.6	1021.8	600.5	553.1	506.4	473.4	448.9	432.1
4719.9	55°	4615.6	4193.7	2387.5	865.4	537.6	510.6	495.0	467.4	439.3	419.5
4991.4	57.5°	4826.0	4286.0	2225.1	718.5	492.6	481.2	483.0	457.2	424.9	408.1
5258.7	60°	5001.0	4353.8	1984.8	582.5	456.1	452.5	464.4	438.1	400.3	381.1
5484.6	62.5°	5105.8	4352.6	1690.0	477.0	424.9	426.1	439.9	414.1	375.7	357.8
5602.7	65°	5096.9	4245.9	1366.4	408.1	394.9	396.1	414.1	387.7	355.4	344.6
5543.3	67.5°	4916.5	3985.8	1048.1	363.2	362.0	367.4	388.3	369.8	342.8	341.6
5189.7	70°	4428.1	3445.8	755.1	327.2	327.8	335.6	363.2	358.4	336.2	338.6
4363.3	72.5°	3550.7	2627.2	507.0	289.5	290.1	302.6	339.2	349.4	329.6	361.4
3095.9	75°	2364.8	1638.4	326.0	249.3	249.9	266.1	318.2	332.0	311.6	360.2
1610.9	77.5°	1136.2	736.5	236.1	209.7	209.7	224.7	275.1	297.2	265.5	279.9
517.8	80°	392.5	276.9	185.8	169.0	165.4	175.6	231.9	257.7	228.9	210.9
169.0	82.5°	154.6	143.8	149.2	131.2	119.3	125.8	180.4	212.7	168.4	152.2
95.3	85°	88.7	93.5	105.5	86.9	68.9	77.3	132.4	152.8	127.0	112.1
31.2	87.5°	24.0	33.0	48.5	44.9	31.2	33.0	62.9	84.5	73.1	56.3
0.0	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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180°
1265.1
1297.4
1349.0
1411.3
1468.8
1489.2
1489.8
1463.4
1401.7
1314.2
1222.5
1138.6
1064.3
971.4
867.2
763.5
670.6
592.7
515.4
471.6
444.1
424.9
411.7
397.3
372.8
352.4
344.0
343.4
338.0
366.2
363.2
256.5
197.8
151.6
114.5
58.1
0.0

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