

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: P847355

Luminaire Tested: **GLAN-SB3B-930-U-T2-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P847355  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-930-U-T2-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 3000K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8323 lumens  
Efficiency: N/A  
Efficacy: 76.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B1 - U0 - G2

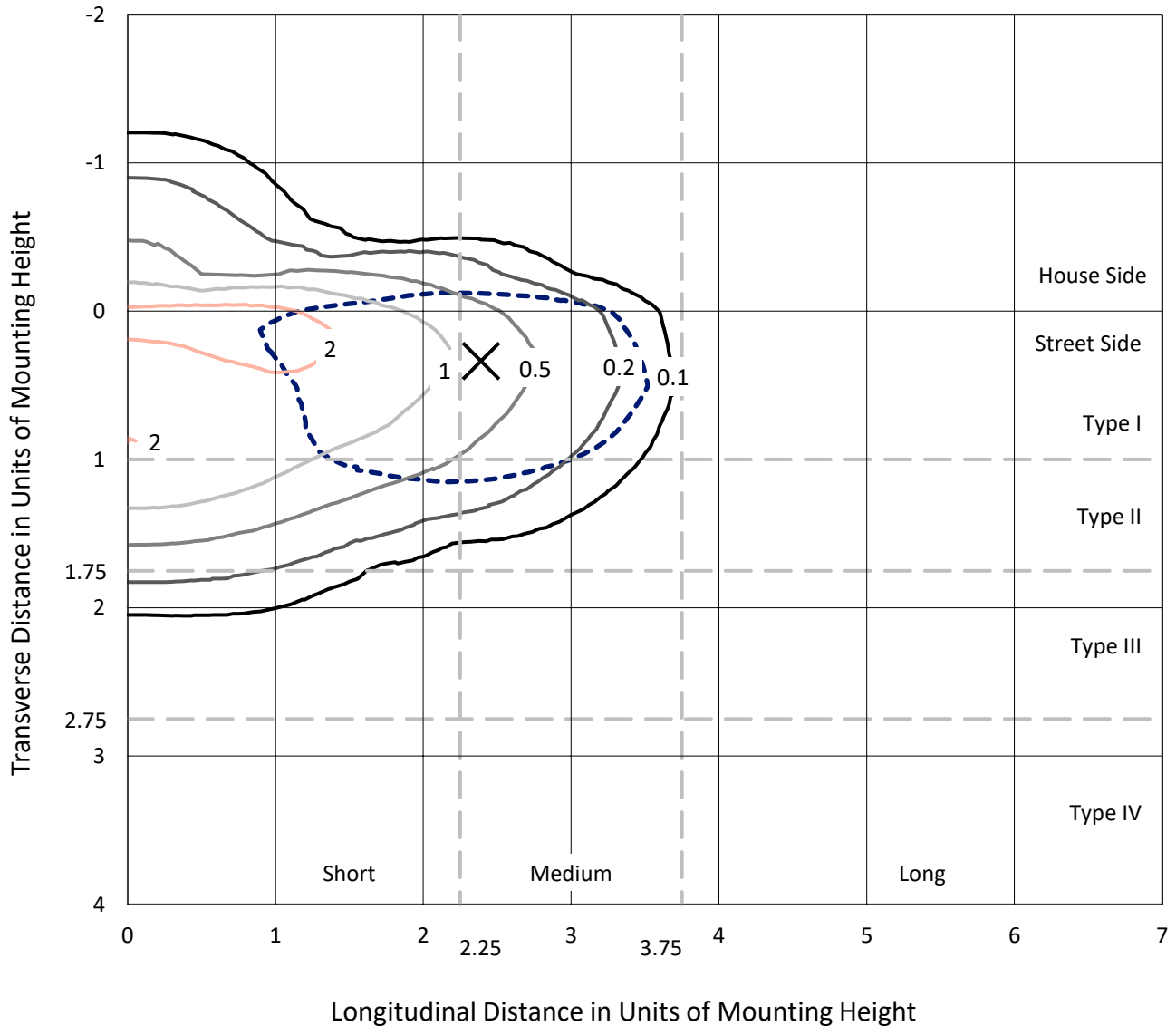
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

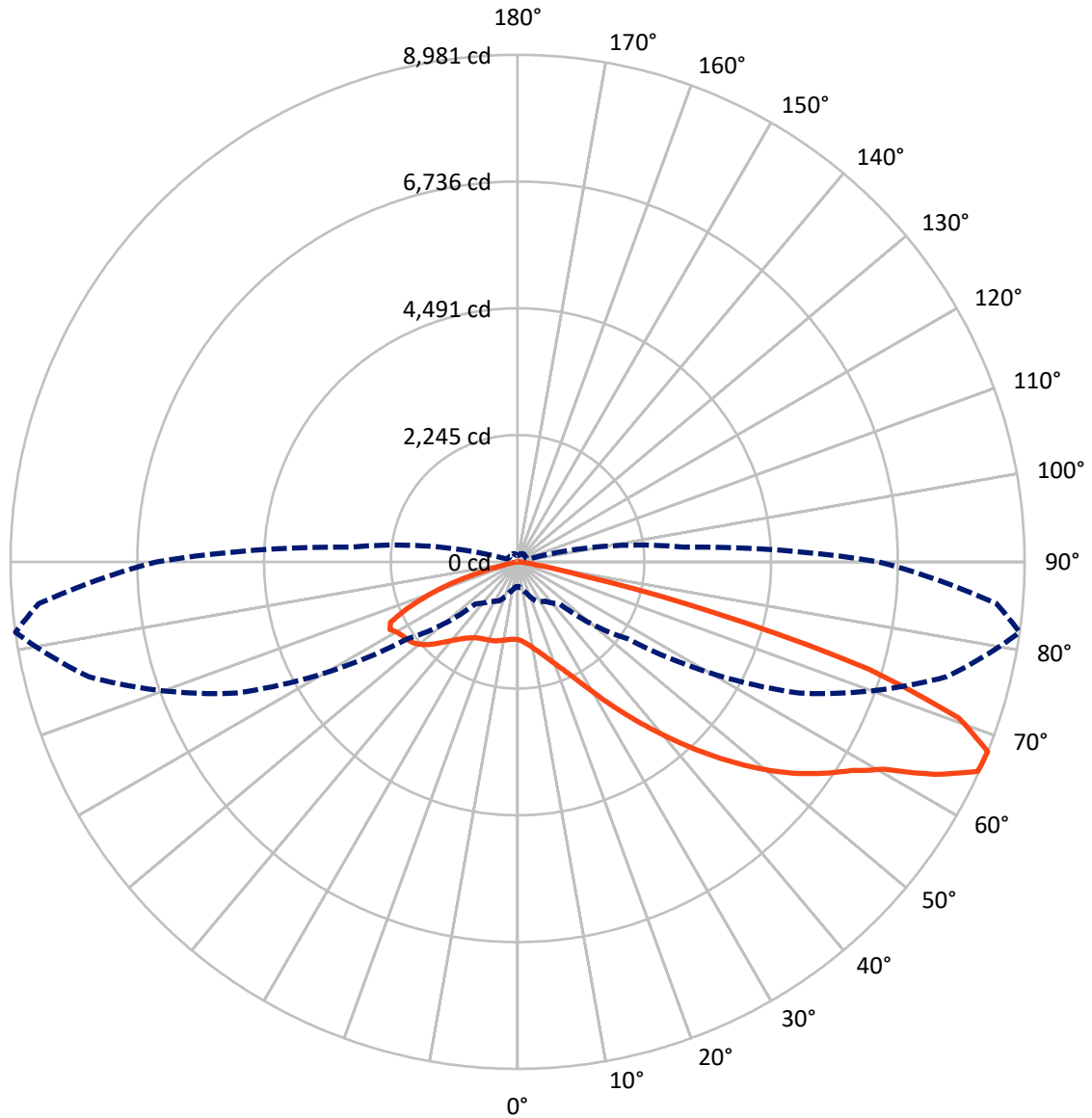
× Max cd  
 - - - 1/2 Max cd



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

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### Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1507.6	0.0	1507.6
	% Fixture	18.1	0.0	18.1
<b>Street Side</b>	Lumens	6815.4	0.0	6815.4
	% Fixture	81.9	0.0	81.9
<b>Total</b>	Lumens	8323.0	0.0	8323.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.8	1.5
10°-20°	319.2	3.8
20°-30°	511.3	6.1
30°-40°	904.1	10.9
40°-50°	1584.1	19.0
50°-60°	2112.8	25.4
60°-70°	1966.9	23.6
70°-80°	754.9	9.1
80°-90°	46.9	0.6
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°	8323.0	100.0
0°-180°	8323.0	100.0

**Coefficient of Utilization**

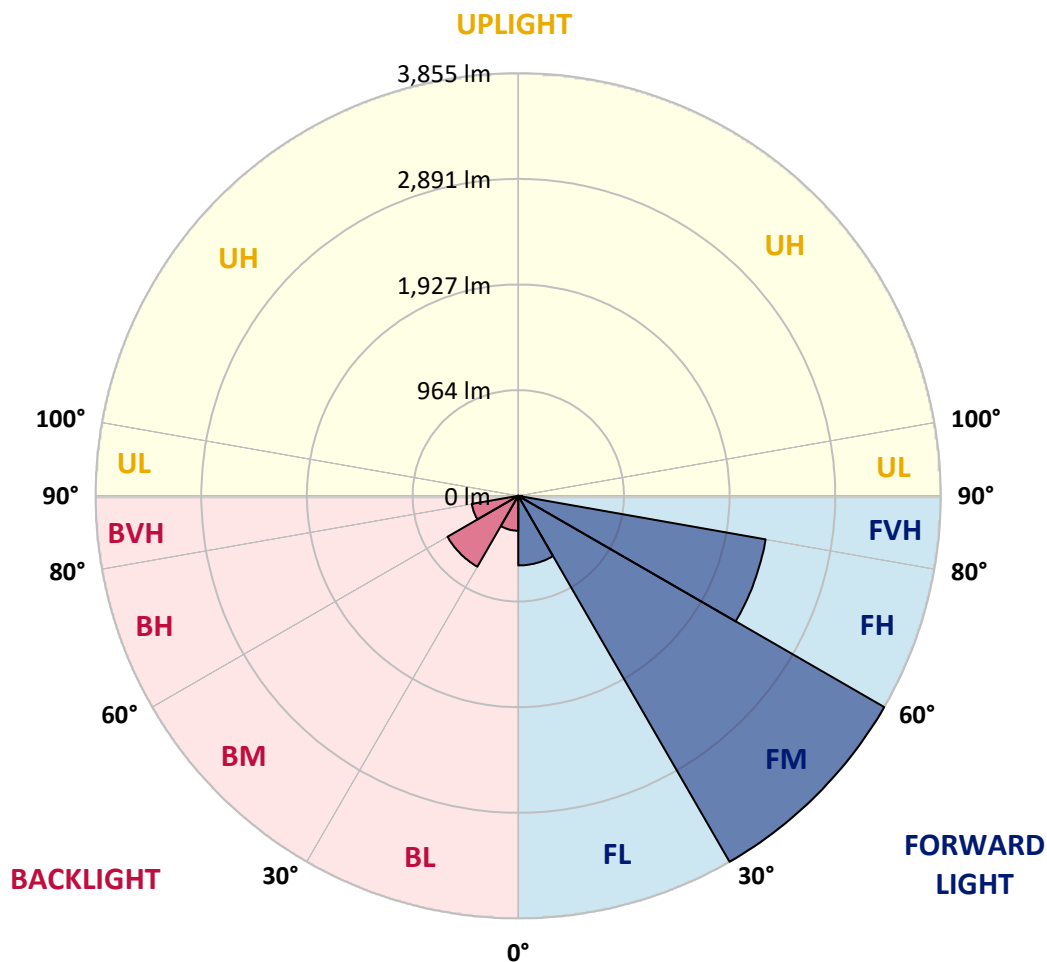


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	635.0	7.6			
FM (30°-60°)	3854.9	46.3			
FH (60°-80°)	2291.5	27.5			G2/5000
FVH (80°-90°)	34.1	0.4			G1/100
BL (0°-30°)	318.4	3.8	B1/500		
BM (30°-60°)	746.1	9.0	B1/1000		
BH (60°-80°)	430.3	5.2	B1/500		G1/500
BVH (80°-90°)	12.8	0.2			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**  
 Type II Medium



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8
2.5°	1457.3	1465.7	1460.9	1458.5	1454.3	1448.4	1443.6	1428.6	1413.0	1402.8
5°	1486.7	1495.1	1494.5	1496.9	1499.9	1501.7	1500.5	1483.7	1461.5	1444.2
7.5°	1461.5	1471.1	1478.9	1490.9	1511.9	1534.0	1544.8	1541.2	1518.5	1494.5
10°	1390.2	1400.4	1419.0	1447.2	1491.5	1539.4	1579.6	1598.2	1583.8	1557.4
12.5°	1259.6	1269.8	1306.3	1367.5	1441.8	1525.1	1601.8	1651.5	1655.1	1628.7
15°	1112.8	1123.0	1161.9	1238.6	1351.9	1485.5	1613.7	1707.8	1739.6	1716.8
17.5°	1021.7	1030.7	1060.0	1121.8	1239.8	1406.4	1609.5	1767.7	1840.3	1822.3
20°	994.1	1001.9	1015.7	1058.8	1157.1	1324.3	1582.0	1824.1	1948.7	1938.5
22.5°	1023.5	1030.7	1034.9	1054.1	1115.8	1270.4	1547.2	1881.6	2074.6	2075.7
25°	1091.2	1098.4	1093.6	1105.6	1132.6	1253.6	1534.0	1949.3	2232.7	2245.9
27.5°	1202.7	1203.3	1191.9	1191.3	1195.5	1278.8	1547.8	2021.8	2432.3	2456.9
30°	1426.2	1417.2	1373.4	1326.1	1304.5	1354.3	1586.2	2107.5	2667.8	2711.5
32.5°	1770.7	1757.6	1677.3	1564.0	1450.1	1475.9	1655.1	2205.2	2924.3	3003.4
35°	2144.7	2141.1	2057.2	1888.8	1689.8	1649.1	1767.1	2333.4	3204.1	3329.9
37.5°	2492.2	2490.4	2442.5	2244.1	2002.0	1890.6	1946.9	2501.2	3503.7	3685.9
40°	2809.8	2815.2	2767.3	2589.9	2346.0	2200.4	2191.4	2708.5	3836.9	4073.6
42.5°	3084.3	3090.3	3041.7	2910.5	2685.8	2543.2	2491.6	2962.6	4162.3	4490.1
45°	3270.6	3307.8	3300.6	3195.7	3034.5	2886.5	2852.4	3281.4	4533.2	4931.7
47.5°	3323.4	3357.5	3411.4	3425.8	3327.6	3181.9	3222.7	3665.5	4908.3	5373.9
50°	3193.3	3225.1	3337.1	3486.3	3554.7	3509.7	3582.8	4077.2	5292.4	5815.0
52.5°	2936.9	2969.2	3110.6	3346.7	3625.4	3766.8	3944.2	4482.9	5664.6	6232.6
55°	2565.9	2600.1	2781.6	3048.9	3490.5	3872.9	4245.6	4888.0	6005.5	6608.4
57.5°	2061.4	2086.5	2275.3	2649.2	3151.4	3767.4	4467.9	5330.2	6326.7	6977.5
60°	1343.5	1365.7	1585.0	2002.0	2589.3	3415.0	4512.2	5823.4	6753.4	7457.5
62.5°	893.5	908.4	1038.5	1344.7	1823.5	2738.5	4252.8	6217.1	7379.0	8292.8
65°	613.0	628.0	758.0	971.4	1178.1	1811.5	3506.7	6164.9	7945.9	8956.2
67.5°	437.4	450.0	560.3	761.6	852.7	1052.3	2377.2	5498.6	7864.4	8981.3
70°	313.4	320.6	411.7	593.2	677.7	632.2	1321.9	4205.4	6885.8	8293.4
72.5°	219.3	221.7	285.8	451.8	545.9	461.4	629.2	2803.8	5208.0	6509.5
75°	148.6	151.6	192.4	331.4	438.0	352.4	333.2	1503.5	3057.3	3603.2
77.5°	91.1	92.3	124.0	226.5	327.8	268.5	214.5	637.0	1182.9	1161.3
80°	51.5	51.5	79.1	140.8	223.5	173.2	150.4	270.9	374.5	329.0
82.5°	28.8	29.4	57.5	87.5	148.0	102.5	82.7	125.2	161.8	143.2
85°	12.0	13.2	35.4	41.3	70.7	50.9	33.6	52.7	59.9	53.3
87.5°	1.2	1.8	10.8	7.8	8.4	10.2	4.8	10.2	8.4	8.4
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°
1378.8	0°	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8	1378.8
1399.2	2.5°	1387.8	1378.8	1356.1	1329.7	1294.9	1278.2	1255.4	1239.8	1226.6	1227.8
1434.0	5°	1414.8	1392.0	1341.1	1277.6	1198.5	1142.1	1082.2	1040.9	1007.3	1000.1
1481.9	7.5°	1451.9	1416.0	1326.7	1212.3	1078.6	977.4	886.9	828.7	787.4	774.2
1540.0	10°	1499.9	1447.8	1308.1	1130.2	937.8	809.0	711.9	666.3	638.2	628.6
1608.3	12.5°	1555.6	1484.3	1283.6	1030.1	792.8	668.7	607.0	584.3	575.3	572.3
1692.2	15°	1625.7	1529.8	1246.4	911.4	669.9	583.1	556.7	553.7	554.9	553.7
1792.9	17.5°	1709.0	1579.6	1185.9	789.2	587.3	539.3	529.7	532.1	535.1	534.5
1905.6	20°	1800.1	1628.7	1108.6	680.7	530.9	508.2	502.8	505.2	507.6	506.4
2035.6	22.5°	1903.8	1681.5	1022.9	596.2	493.2	479.4	473.4	474.0	474.0	471.6
2200.4	25°	2027.8	1739.6	933.0	536.3	464.4	453.6	446.4	444.0	440.4	433.2
2400.5	27.5°	2175.8	1801.3	846.7	494.4	441.6	431.4	423.1	417.1	408.1	396.1
2640.8	30°	2342.4	1876.2	773.6	468.0	423.7	413.5	403.9	394.9	381.7	366.7
2917.1	32.5°	2538.4	1956.5	720.3	450.6	407.5	396.7	385.3	374.5	360.1	345.2
3227.5	35°	2772.1	2053.6	689.1	438.6	394.9	380.5	367.9	355.9	345.2	332.0
3564.8	37.5°	3025.5	2156.6	679.5	432.6	386.5	364.3	350.0	341.6	340.4	332.6
3929.8	40°	3303.0	2278.9	686.7	429.1	377.5	348.8	333.2	331.4	334.4	320.6
4319.9	42.5°	3596.6	2423.9	698.7	424.9	364.9	333.2	318.2	318.2	315.8	296.6
4732.2	45°	3914.2	2591.1	710.7	414.7	350.0	317.6	306.2	302.0	291.8	273.3
5146.8	47.5°	4234.2	2761.3	719.7	396.1	332.0	304.4	294.2	284.6	269.7	252.9
5553.7	50°	4538.0	2914.1	710.1	368.5	311.6	291.8	281.0	267.9	251.7	240.3
5939.0	52.5°	4809.5	3046.5	669.3	336.2	290.0	278.6	269.1	255.3	242.1	230.1
6286.6	55°	5045.6	3153.8	597.4	305.6	270.9	267.3	257.7	240.3	222.3	212.1
6631.1	57.5°	5272.1	3235.3	507.6	280.4	253.5	254.7	240.3	224.7	207.9	197.1
7095.5	60°	5573.5	3344.3	416.5	257.1	234.9	238.5	222.9	211.5	190.6	176.8
7891.9	62.5°	6055.3	3513.9	330.8	228.3	213.3	214.5	207.9	194.2	169.0	152.8
8482.2	65°	6437.6	3451.6	260.7	197.1	188.8	190.6	190.6	175.6	148.6	130.0
8513.9	67.5°	6394.4	2955.4	207.9	166.6	165.4	166.6	170.8	158.2	131.8	116.9
7865.6	70°	5890.5	2350.8	166.6	138.4	143.8	140.8	152.8	144.4	118.6	103.7
6097.8	72.5°	4806.5	1693.4	127.0	114.5	110.3	115.1	137.8	130.0	98.9	82.1
3229.9	75°	2808.6	903.6	94.7	90.5	79.7	95.9	122.2	110.9	75.5	60.5
989.9	77.5°	914.4	315.2	69.5	66.5	59.3	77.3	104.3	93.5	61.7	47.9
290.0	80°	245.1	95.3	47.3	43.7	38.4	57.5	82.7	74.3	44.3	31.2
124.6	82.5°	98.3	40.1	27.6	24.6	21.0	39.5	65.3	59.9	33.0	19.8
39.0	85°	31.8	13.2	10.2	7.8	9.6	24.6	39.0	40.7	23.4	10.2
6.0	87.5°	4.2	1.8	1.8	2.4	1.8	4.2	12.0	11.4	6.6	1.2
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°
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1378.8
1215.8
983.9
761.0
621.4
570.5
553.1
533.3
505.8
470.4
432.0
394.9
365.5
345.8
330.8
332.0
321.2
296.6
272.7
252.3
238.5
228.9
210.9
195.9
175.0
151.6
128.2
114.5
101.9
80.3
58.7
46.1
30.6
19.8
7.8
0.0
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