

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: P846845

Luminaire Tested: **GLAN-SB2C-930-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846845
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-SB2C-930-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 3000K, 615mA 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: 7378 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G2

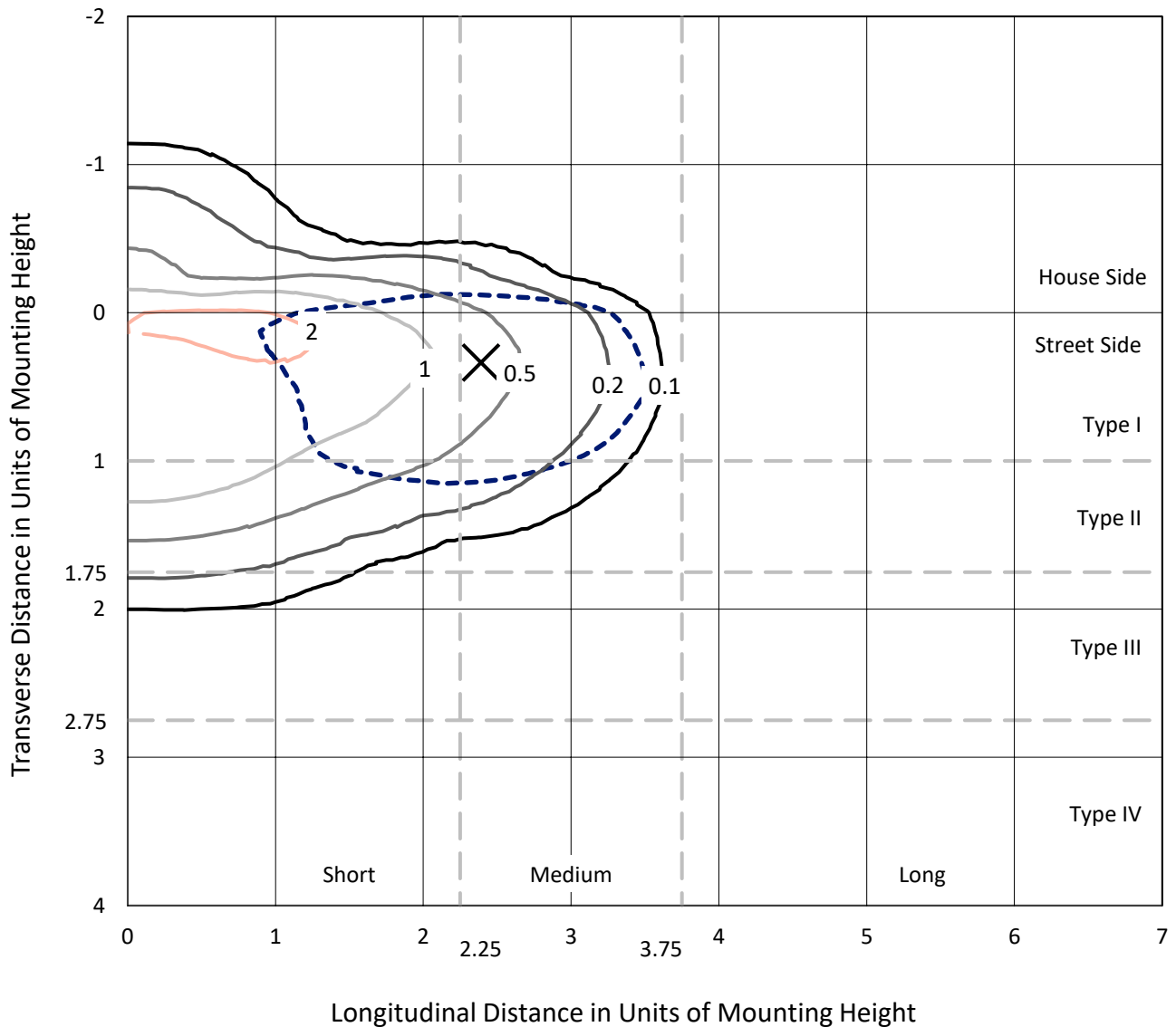
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P846845
 CATALOG NUMBER: GLAN-SB2C-930-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination

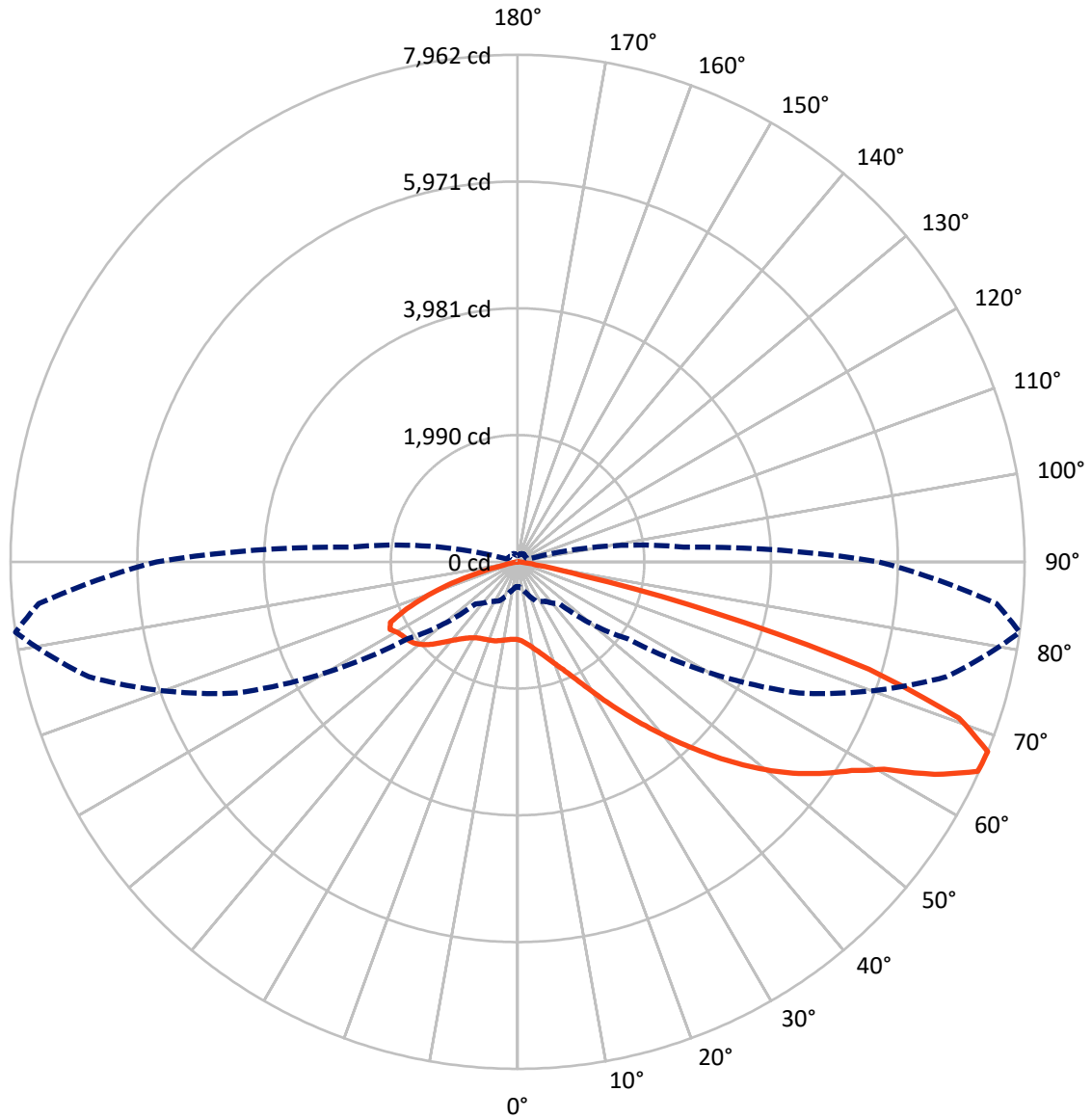
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
 Type II - Medium - N/A

REPORT NUMBER: P846845
CATALOG NUMBER: GLAN-SB2C-930-U-T2-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P846845
 CATALOG NUMBER: GLAN-SB2C-930-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1336.5	0.0	1336.5
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	6041.5	0.0	6041.5
	% Fixture	81.9	0.0	81.9
Total	Lumens	7378.0	0.0	7378.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.9	1.5
10°-20°	283.0	3.8
20°-30°	453.2	6.1
30°-40°	801.5	10.9
40°-50°	1404.2	19.0
50°-60°	1872.9	25.4
60°-70°	1743.6	23.6
70°-80°	669.2	9.1
80°-90°	41.6	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°	7378.0	100.0
0°-180°	7378.0	100.0

Coefficient of Utilization

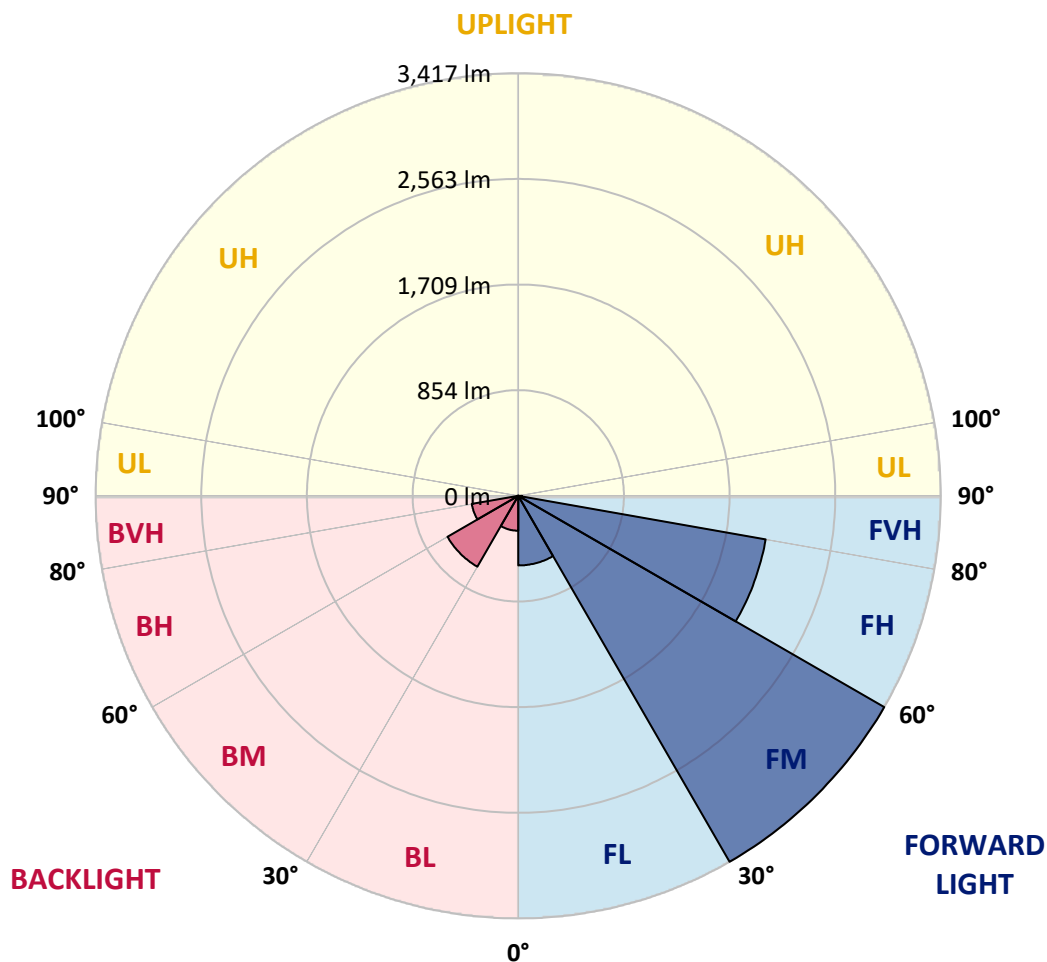


REPORT NUMBER: P846845
 CATALOG NUMBER: GLAN-SB2C-930-U-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	562.9	7.6			
FM (30°-60°)	3417.2	46.3			
FH (60°-80°)	2031.3	27.5			G2/5000
FVH (80°-90°)	30.2	0.4			G1/100
BL (0°-30°)	282.3	3.8	B1/500		
BM (30°-60°)	661.4	9.0	B1/1000		
BH (60°-80°)	381.5	5.2	B1/500		G1/500
BVH (80°-90°)	11.3	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



REPORT NUMBER: P846845
 CATALOG NUMBER: GLAN-SB2C-930-U-T2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3
2.5°	1291.9	1299.3	1295.1	1292.9	1289.2	1283.9	1279.7	1266.4	1252.6	1243.5
5°	1317.9	1325.3	1324.8	1326.9	1329.6	1331.2	1330.1	1315.2	1295.6	1280.2
7.5°	1295.6	1304.1	1311.0	1321.6	1340.2	1359.9	1369.4	1366.2	1346.1	1324.8
10°	1232.4	1241.4	1257.9	1282.8	1322.2	1364.6	1400.2	1416.7	1404.0	1380.6
12.5°	1116.6	1125.6	1158.0	1212.2	1278.1	1351.9	1419.9	1464.0	1467.2	1443.8
15°	986.4	995.5	1030.0	1098.0	1198.4	1316.8	1430.5	1513.9	1542.1	1521.9
17.5°	905.7	913.7	939.7	994.4	1099.0	1246.7	1426.8	1567.0	1631.3	1615.4
20°	881.3	888.2	900.4	938.6	1025.7	1173.9	1402.4	1617.0	1727.5	1718.4
22.5°	907.3	913.7	917.4	934.4	989.1	1126.1	1371.6	1668.0	1839.0	1840.1
25°	967.3	973.7	969.4	980.1	1004.0	1111.3	1359.9	1728.0	1979.2	1990.9
27.5°	1066.1	1066.6	1056.6	1056.0	1059.7	1133.6	1372.1	1792.3	2156.1	2177.9
30°	1264.2	1256.3	1217.5	1175.5	1156.4	1200.5	1406.1	1868.2	2364.9	2403.7
32.5°	1569.7	1558.0	1486.8	1386.4	1285.5	1308.3	1467.2	1954.8	2592.2	2662.4
35°	1901.2	1898.0	1823.6	1674.3	1498.0	1461.9	1566.5	2068.5	2840.3	2951.9
37.5°	2209.2	2207.7	2165.2	1989.3	1774.7	1675.9	1725.9	2217.2	3105.9	3267.4
40°	2490.8	2495.6	2453.1	2295.8	2079.6	1950.6	1942.6	2401.0	3401.3	3611.1
42.5°	2734.1	2739.4	2696.4	2580.0	2380.8	2254.4	2208.7	2626.2	3689.7	3980.3
45°	2899.3	2932.2	2925.8	2832.9	2690.0	2558.8	2528.5	2908.8	4018.5	4371.8
47.5°	2946.0	2976.3	3024.1	3036.9	2949.7	2820.7	2856.8	3249.3	4351.0	4763.8
50°	2830.8	2858.9	2958.2	3090.5	3151.1	3111.2	3176.0	3614.3	4691.5	5154.7
52.5°	2603.4	2632.1	2757.4	2966.7	3213.7	3339.1	3496.3	3973.9	5021.4	5525.0
55°	2274.6	2304.9	2465.8	2702.7	3094.2	3433.1	3763.5	4333.0	5323.7	5858.0
57.5°	1827.3	1849.6	2017.0	2348.4	2793.6	3339.6	3960.6	4725.0	5608.4	6185.3
60°	1190.9	1210.6	1405.0	1774.7	2295.3	3027.3	3999.9	5162.2	5986.6	6610.8
62.5°	792.0	805.3	920.6	1192.0	1616.4	2427.6	3769.9	5511.2	6541.2	7351.2
65°	543.4	556.7	672.0	861.1	1044.3	1605.8	3108.6	5465.0	7043.7	7939.3
67.5°	387.8	398.9	496.7	675.2	755.9	932.8	2107.3	4874.3	6971.4	7961.6
70°	277.8	284.2	364.9	525.9	600.8	560.4	1171.8	3727.9	6104.0	7351.8
72.5°	194.4	196.5	253.4	400.5	483.9	409.0	557.8	2485.5	4616.6	5770.4
75°	131.7	134.4	170.5	293.8	388.3	312.3	295.3	1332.8	2710.2	3194.1
77.5°	80.7	81.8	110.0	200.8	290.6	238.0	190.2	564.7	1048.6	1029.5
80°	45.7	45.7	70.1	124.8	198.1	153.5	133.3	240.1	332.0	291.6
82.5°	25.5	26.0	51.0	77.6	131.2	90.8	73.3	111.0	143.4	127.0
85°	10.6	11.7	31.3	36.7	62.7	45.2	29.7	46.7	53.1	47.3
87.5°	1.1	1.6	9.6	6.9	7.4	9.0	4.2	9.0	7.4	7.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P846845
 CATALOG NUMBER: GLAN-SB2C-930-U-T2-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1222.3	0°	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3	1222.3
1240.3	2.5°	1230.3	1222.3	1202.1	1178.7	1147.9	1133.0	1112.9	1099.0	1087.4	1088.4
1271.2	5°	1254.2	1234.0	1188.8	1132.5	1062.4	1012.5	959.3	922.7	892.9	886.6
1313.7	7.5°	1287.1	1255.2	1176.1	1074.6	956.2	866.4	786.2	734.6	698.0	686.3
1365.2	10°	1329.6	1283.4	1159.6	1001.8	831.3	717.1	631.1	590.7	565.7	557.2
1425.7	12.5°	1379.0	1315.8	1137.8	913.1	702.8	592.8	538.1	517.9	509.9	507.3
1500.1	15°	1441.1	1356.1	1104.9	808.0	593.9	516.9	493.5	490.8	491.9	490.8
1589.3	17.5°	1515.0	1400.2	1051.2	699.6	520.6	478.1	469.6	471.7	474.4	473.8
1689.2	20°	1595.7	1443.8	982.7	603.4	470.6	450.5	445.7	447.8	449.9	448.9
1804.5	22.5°	1687.6	1490.5	906.8	528.5	437.2	425.0	419.6	420.2	420.2	418.1
1950.6	25°	1797.6	1542.1	827.1	475.4	411.7	402.1	395.7	393.6	390.4	384.1
2128.0	27.5°	1928.8	1596.8	750.6	438.2	391.5	382.5	375.0	369.7	361.7	351.1
2341.0	30°	2076.5	1663.2	685.8	414.9	375.6	366.5	358.0	350.1	338.4	325.1
2585.9	32.5°	2250.2	1734.4	638.5	399.5	361.2	351.7	341.6	332.0	319.2	306.0
2861.0	35°	2457.3	1820.4	610.9	388.8	350.1	337.3	326.2	315.5	306.0	294.3
3160.1	37.5°	2682.0	1911.8	602.4	383.5	342.6	323.0	310.2	302.8	301.7	294.8
3483.6	40°	2928.0	2020.1	608.8	380.3	334.7	309.2	295.3	293.8	296.4	284.2
3829.4	42.5°	3188.2	2148.7	619.4	376.6	323.5	295.3	282.1	282.1	279.9	262.9
4194.9	45°	3469.8	2296.9	630.0	367.6	310.2	281.5	271.4	267.7	258.7	242.2
4562.5	47.5°	3753.4	2447.8	638.0	351.1	294.3	269.8	260.8	252.3	239.0	224.2
4923.1	50°	4022.8	2583.2	629.5	326.7	276.2	258.7	249.1	237.4	223.1	213.0
5264.7	52.5°	4263.4	2700.6	593.3	298.0	257.1	247.0	238.5	226.3	214.6	204.0
5572.8	55°	4472.7	2795.7	529.6	270.9	240.1	236.9	228.4	213.0	197.1	188.0
5878.2	57.5°	4673.5	2867.9	449.9	248.6	224.7	225.8	213.0	199.2	184.3	174.8
6289.9	60°	4940.7	2964.6	369.2	227.9	208.2	211.4	197.6	187.5	168.9	156.7
6995.9	62.5°	5367.7	3114.9	293.2	202.4	189.1	190.2	184.3	172.1	149.8	135.5
7519.1	65°	5706.7	3059.7	231.1	174.8	167.3	168.9	168.9	155.6	131.7	115.3
7547.3	67.5°	5668.4	2619.9	184.3	147.7	146.6	147.7	151.4	140.2	116.9	103.6
6972.5	70°	5221.7	2083.9	147.7	122.7	127.5	124.8	135.5	128.0	105.2	91.9
5405.5	72.5°	4260.7	1501.2	112.6	101.5	97.7	102.0	122.2	115.3	87.6	72.8
2863.2	75°	2489.7	801.0	83.9	80.2	70.6	85.0	108.4	98.3	66.9	53.7
877.5	77.5°	810.6	279.4	61.6	59.0	52.6	68.5	92.4	82.9	54.7	42.5
257.1	80°	217.3	84.5	42.0	38.8	34.0	51.0	73.3	65.9	39.3	27.6
110.5	82.5°	87.1	35.6	24.4	21.8	18.6	35.1	57.9	53.1	29.2	17.5
34.5	85°	28.2	11.7	9.0	6.9	8.5	21.8	34.5	36.1	20.7	9.0
5.3	87.5°	3.7	1.6	1.6	2.1	1.6	3.7	10.6	10.1	5.8	1.1
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°
1222.3
1077.8
872.2
674.6
550.9
505.7
490.3
472.8
448.3
417.0
383.0
350.1
324.0
306.5
293.2
294.3
284.7
262.9
241.7
223.6
211.4
202.9
187.0
173.7
155.1
134.4
113.7
101.5
90.3
71.2
52.1
40.9
27.1
17.5
6.9
0.0
0.0

F REPORT)