

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: P846675

Luminaire Tested: **GLAN-SB2B-930-U-T2-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846675
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-SB2B-930-U-T2-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 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: 5548 lumens
Efficiency: N/A
Efficacy: 75.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

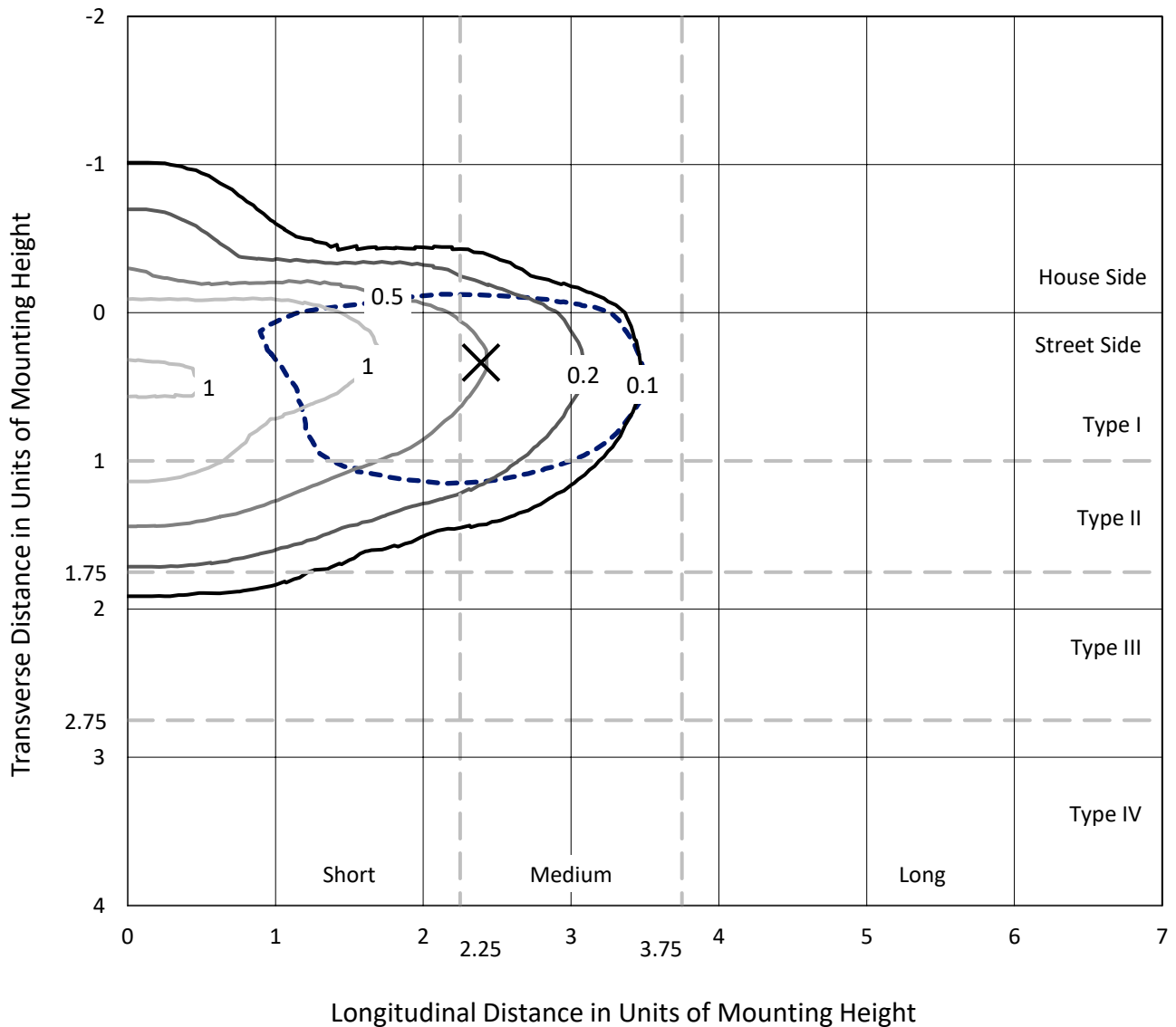
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P846675
 CATALOG NUMBER: GLAN-SB2B-930-U-T2-HSS

Iso-Footcandle Lines of Horizontal Illumination

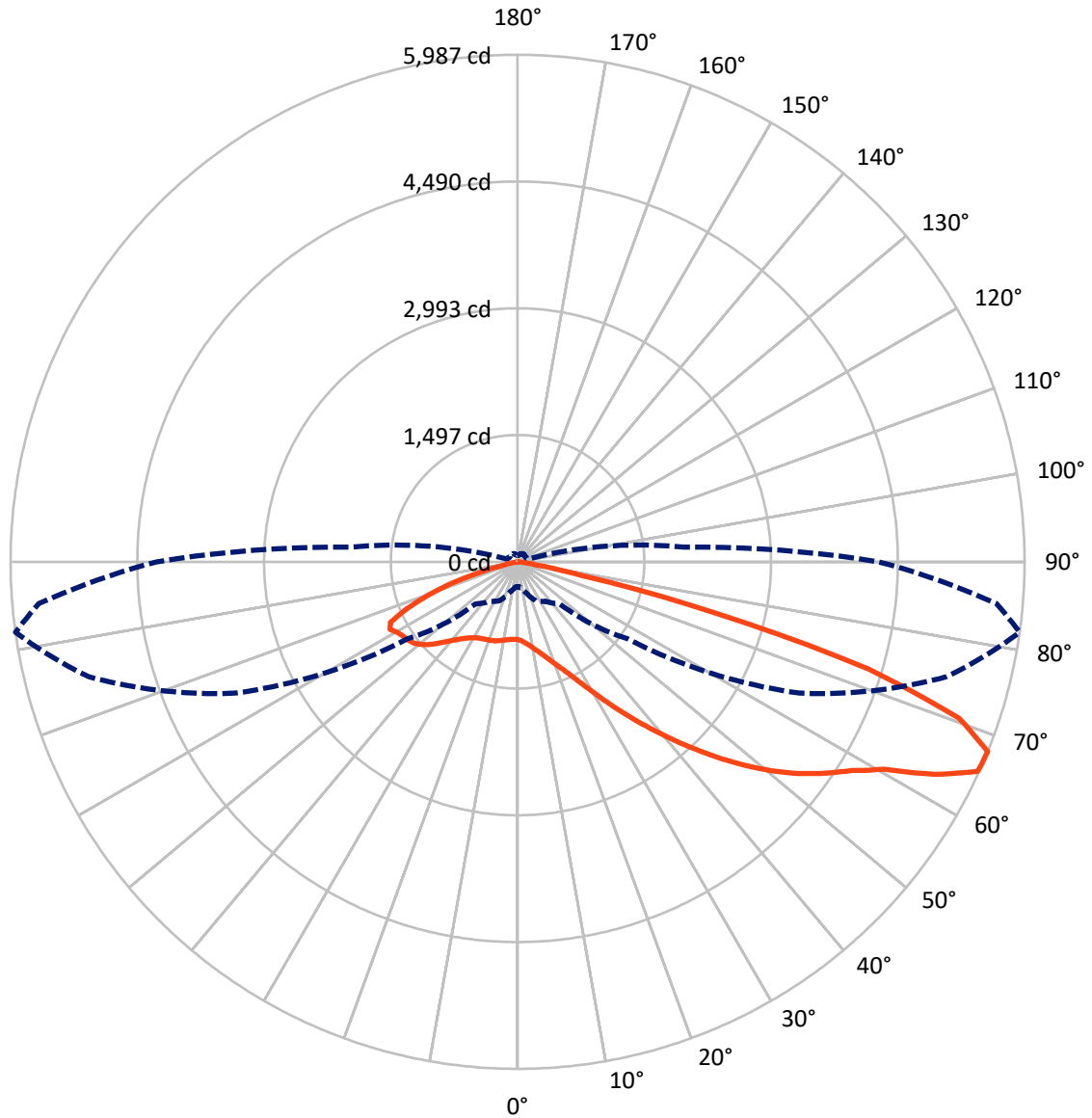
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc
 Type II - Medium - N/A

REPORT NUMBER: P846675
CATALOG NUMBER: GLAN-SB2B-930-U-T2-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P846675
 CATALOG NUMBER: GLAN-SB2B-930-U-T2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1005.0	0.0	1005.0
	% Fixture	18.1	0.0	18.1
Street Side	Lumens	4543.0	0.0	4543.0
	% Fixture	81.9	0.0	81.9
Total	Lumens	5548.0	0.0	5548.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.9	1.5
10°-20°	212.8	3.8
20°-30°	340.8	6.1
30°-40°	602.7	10.9
40°-50°	1055.9	19.0
50°-60°	1408.3	25.4
60°-70°	1311.1	23.6
70°-80°	503.2	9.1
80°-90°	31.3	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°	5548.0	100.0
0°-180°	5548.0	100.0

Coefficient of Utilization

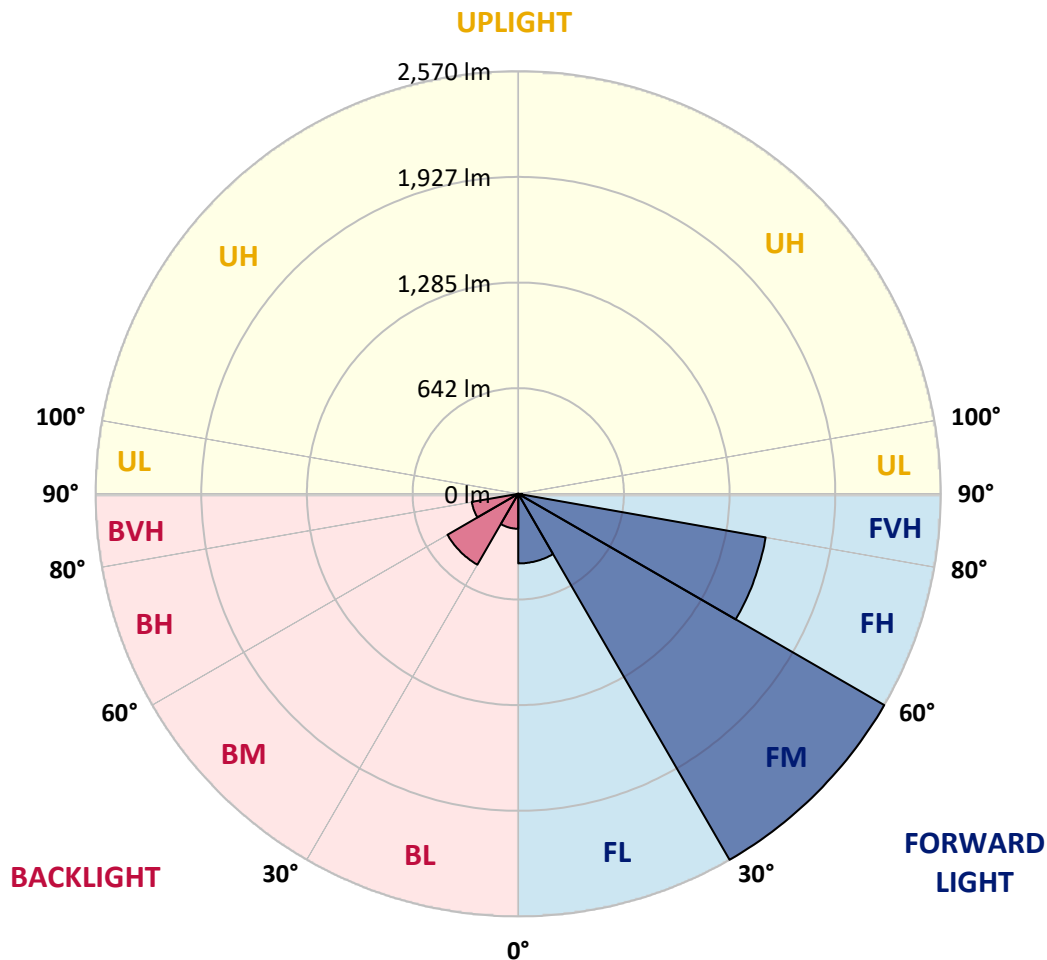


REPORT NUMBER: P846675
 CATALOG NUMBER: GLAN-SB2B-930-U-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	423.3	7.6			
FM (30°-60°)	2569.6	46.3			
FH (60°-80°)	1527.4	27.5			G1/1800
FVH (80°-90°)	22.7	0.4			G1/100
BL (0°-30°)	212.2	3.8	B1/500		
BM (30°-60°)	497.4	9.0	B1/1000		
BH (60°-80°)	286.8	5.2	B1/500		G1/500
BVH (80°-90°)	8.5	0.2			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type II Medium



REPORT NUMBER: P846675
 CATALOG NUMBER: GLAN-SB2B-930-U-T2-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
2.5°	971.4	977.0	973.8	972.2	969.4	965.5	962.3	952.3	941.9	935.1
5°	991.0	996.6	996.2	997.8	999.8	1001.0	1000.2	989.0	974.2	962.7
7.5°	974.2	980.6	985.8	993.8	1007.8	1022.6	1029.8	1027.4	1012.2	996.2
10°	926.7	933.5	945.9	964.7	994.2	1026.2	1052.9	1065.3	1055.7	1038.1
12.5°	839.6	846.4	870.8	911.5	961.1	1016.6	1067.7	1100.9	1103.3	1085.7
15°	741.8	748.6	774.5	825.6	901.1	990.2	1075.7	1138.4	1159.6	1144.4
17.5°	681.0	687.0	706.6	747.8	826.4	937.5	1072.9	1178.4	1226.7	1214.7
20°	662.7	667.9	677.1	705.8	771.3	882.8	1054.5	1215.9	1299.0	1292.2
22.5°	682.2	687.0	689.8	702.6	743.8	846.8	1031.4	1254.2	1382.9	1383.7
25°	727.4	732.2	729.0	737.0	754.9	835.6	1022.6	1299.4	1488.3	1497.1
27.5°	801.7	802.1	794.5	794.1	796.9	852.4	1031.8	1347.7	1621.3	1637.7
30°	950.7	944.7	915.5	884.0	869.6	902.7	1057.3	1404.8	1778.3	1807.5
32.5°	1180.4	1171.6	1118.0	1042.5	966.6	983.8	1103.3	1469.9	1949.3	2002.0
35°	1429.6	1427.2	1371.3	1259.0	1126.4	1099.3	1178.0	1555.4	2135.8	2219.7
37.5°	1661.3	1660.1	1628.1	1495.9	1334.5	1260.2	1297.8	1667.3	2335.5	2457.0
40°	1873.0	1876.6	1844.6	1726.4	1563.8	1466.8	1460.8	1805.5	2557.6	2715.4
42.5°	2055.9	2059.9	2027.6	1940.1	1790.3	1695.2	1660.9	1974.8	2774.5	2993.0
45°	2180.2	2204.9	2200.1	2130.2	2022.8	1924.1	1901.3	2187.3	3021.8	3287.4
47.5°	2215.3	2238.1	2274.0	2283.6	2218.1	2121.0	2148.2	2443.4	3271.8	3582.2
50°	2128.6	2149.8	2224.5	2324.0	2369.5	2339.5	2388.3	2717.8	3527.9	3876.2
52.5°	1957.7	1979.2	2073.5	2230.9	2416.6	2510.9	2629.1	2988.2	3775.9	4154.6
55°	1710.4	1733.2	1854.2	2032.4	2326.7	2581.6	2830.0	3258.2	4003.2	4405.0
57.5°	1374.1	1390.9	1516.7	1765.9	2100.7	2511.3	2978.2	3553.0	4217.3	4651.1
60°	895.5	910.3	1056.5	1334.5	1726.0	2276.4	3007.8	3881.8	4501.7	4971.1
62.5°	595.6	605.6	692.2	896.3	1215.5	1825.4	2834.8	4144.2	4918.7	5527.9
65°	408.6	418.6	505.3	647.5	785.3	1207.5	2337.5	4109.5	5296.6	5970.1
67.5°	291.6	300.0	373.5	507.7	568.4	701.4	1584.6	3665.3	5242.3	5986.8
70°	208.9	213.7	274.4	395.4	451.8	421.4	881.2	2803.3	4590.0	5528.3
72.5°	146.2	147.8	190.5	301.2	363.9	307.6	419.4	1869.0	3471.5	4339.1
75°	99.1	101.1	128.2	220.9	292.0	234.9	222.1	1002.2	2038.0	2401.8
77.5°	60.7	61.5	82.7	151.0	218.5	178.9	143.0	424.6	788.5	774.1
80°	34.4	34.4	52.7	93.9	149.0	115.4	100.3	180.5	249.7	219.3
82.5°	19.2	19.6	38.3	58.3	98.7	68.3	55.1	83.5	107.8	95.5
85°	8.0	8.8	23.6	27.6	47.1	34.0	22.4	35.2	39.9	35.6
87.5°	0.8	1.2	7.2	5.2	5.6	6.8	3.2	6.8	5.6	5.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P846675
 CATALOG NUMBER: GLAN-SB2B-930-U-T2-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
919.1	0°	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1	919.1
932.7	2.5°	925.1	919.1	903.9	886.4	863.2	852.0	836.8	826.4	817.7	818.5
955.9	5°	943.1	927.9	894.0	851.6	798.9	761.3	721.4	693.8	671.5	666.7
987.8	7.5°	967.8	943.9	884.4	808.1	719.0	651.5	591.2	552.4	524.9	516.1
1026.6	10°	999.8	965.1	872.0	753.3	625.1	539.2	474.5	444.2	425.4	419.0
1072.1	12.5°	1037.0	989.4	855.6	686.6	528.5	445.8	404.6	389.5	383.5	381.5
1128.0	15°	1083.7	1019.8	830.8	607.6	446.6	388.7	371.1	369.1	369.9	369.1
1195.1	17.5°	1139.2	1052.9	790.5	526.1	391.5	359.5	353.1	354.7	356.7	356.3
1270.2	20°	1199.9	1085.7	739.0	453.8	353.9	338.7	335.1	336.7	338.3	337.5
1356.9	22.5°	1269.0	1120.8	681.8	397.4	328.7	319.6	315.6	316.0	316.0	314.4
1466.8	25°	1351.7	1159.6	621.9	357.5	309.6	302.4	297.6	296.0	293.6	288.8
1600.2	27.5°	1450.4	1200.7	564.4	329.5	294.4	287.6	282.0	278.0	272.0	264.0
1760.3	30°	1561.4	1250.7	515.7	312.0	282.4	275.6	269.2	263.2	254.4	244.5
1944.5	32.5°	1692.0	1304.2	480.1	300.4	271.6	264.4	256.8	249.7	240.1	230.1
2151.4	35°	1847.8	1368.9	459.4	292.4	263.2	253.6	245.3	237.3	230.1	221.3
2376.3	37.5°	2016.8	1437.6	453.0	288.4	257.6	242.9	233.3	227.7	226.9	221.7
2619.5	40°	2201.7	1519.1	457.8	286.0	251.6	232.5	222.1	220.9	222.9	213.7
2879.6	42.5°	2397.5	1615.7	465.7	283.2	243.3	222.1	212.1	212.1	210.5	197.7
3154.4	45°	2609.2	1727.2	473.7	276.4	233.3	211.7	204.1	201.3	194.5	182.1
3430.8	47.5°	2822.5	1840.6	479.7	264.0	221.3	202.9	196.1	189.7	179.7	168.6
3702.0	50°	3025.0	1942.5	473.3	245.7	207.7	194.5	187.3	178.6	167.8	160.2
3958.9	52.5°	3205.9	2030.8	446.2	224.1	193.3	185.7	179.3	170.2	161.4	153.4
4190.5	55°	3363.3	2102.3	398.2	203.7	180.5	178.2	171.8	160.2	148.2	141.4
4420.2	57.5°	3514.3	2156.6	338.3	186.9	169.0	169.8	160.2	149.8	138.6	131.4
4729.8	60°	3715.2	2229.3	277.6	171.4	156.6	159.0	148.6	141.0	127.0	117.8
5260.7	62.5°	4036.4	2342.3	220.5	152.2	142.2	143.0	138.6	129.4	112.6	101.9
5654.1	65°	4291.2	2300.8	173.8	131.4	125.8	127.0	127.0	117.0	99.1	86.7
5675.3	67.5°	4262.4	1970.0	138.6	111.0	110.2	111.0	113.8	105.5	87.9	77.9
5243.1	70°	3926.5	1567.0	111.0	92.3	95.9	93.9	101.9	96.3	79.1	69.1
4064.7	72.5°	3203.9	1128.8	84.7	76.3	73.5	76.7	91.9	86.7	65.9	54.7
2153.0	75°	1872.2	602.4	63.1	60.3	53.1	63.9	81.5	73.9	50.3	40.3
659.9	77.5°	609.5	210.1	46.3	44.3	39.5	51.5	69.5	62.3	41.1	32.0
193.3	80°	163.4	63.5	31.6	29.2	25.6	38.3	55.1	49.5	29.6	20.8
83.1	82.5°	65.5	26.8	18.4	16.4	14.0	26.4	43.5	39.9	22.0	13.2
26.0	85°	21.2	8.8	6.8	5.2	6.4	16.4	26.0	27.2	15.6	6.8
4.0	87.5°	2.8	1.2	1.2	1.6	1.2	2.8	8.0	7.6	4.4	0.8
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°
919.1
810.5
655.9
507.3
414.2
380.3
368.7
355.5
337.1
313.6
288.0
263.2
243.7
230.5
220.5
221.3
214.1
197.7
181.7
168.2
159.0
152.6
140.6
130.6
116.6
101.1
85.5
76.3
67.9
53.5
39.1
30.8
20.4
13.2
5.2
0.0
0.0

F REPORT)