

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: P846847

Luminaire Tested: **GLAN-SB2C-930-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P846847  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB2C-930-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 90 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7924 lumens  
Efficiency: N/A  
Efficacy: 78.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G2

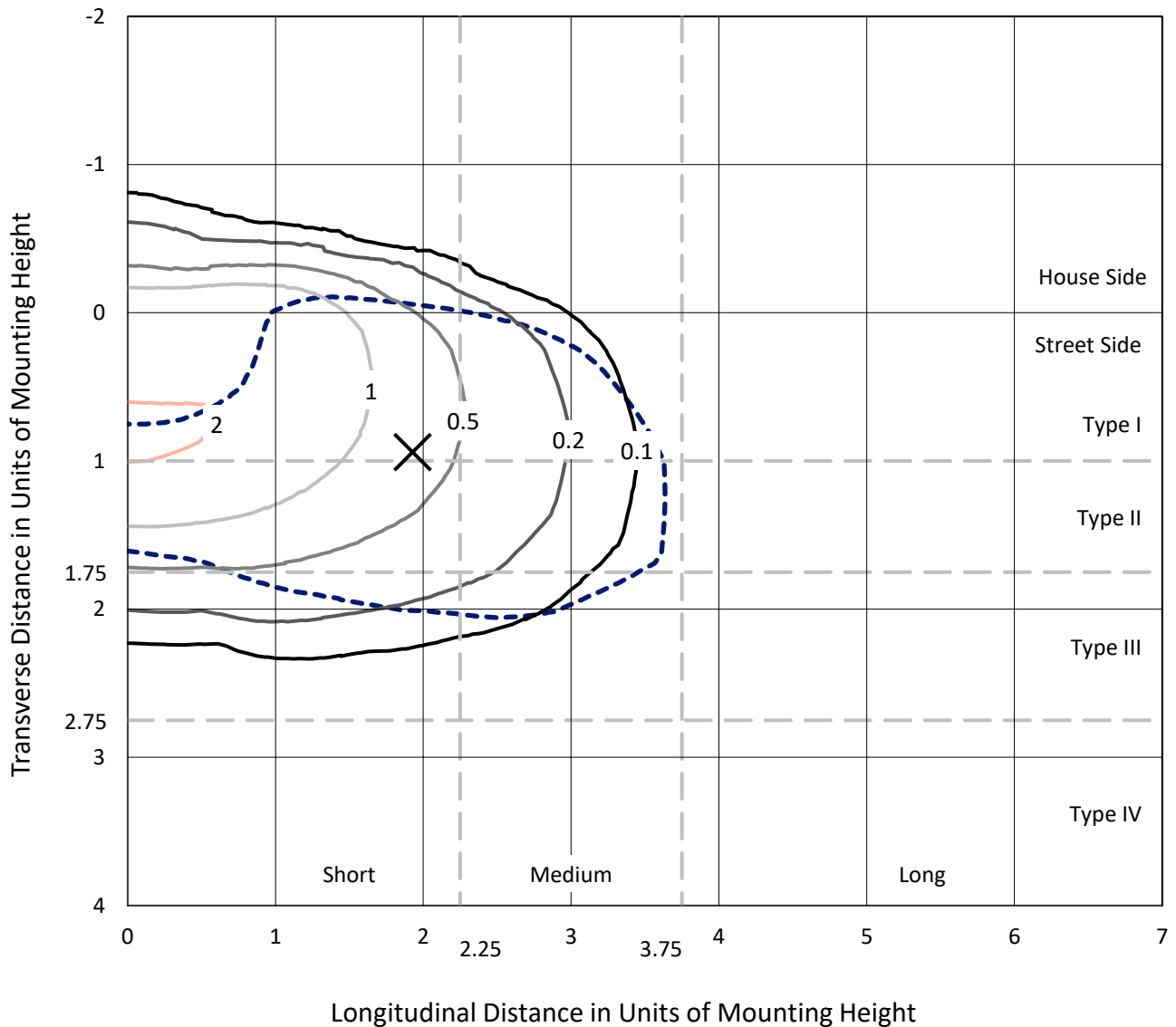
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P846847  
 CATALOG NUMBER: GLAN-SB2C-930-U-T3-HSS

### Iso-Footcandle Lines of Horizontal Illumination

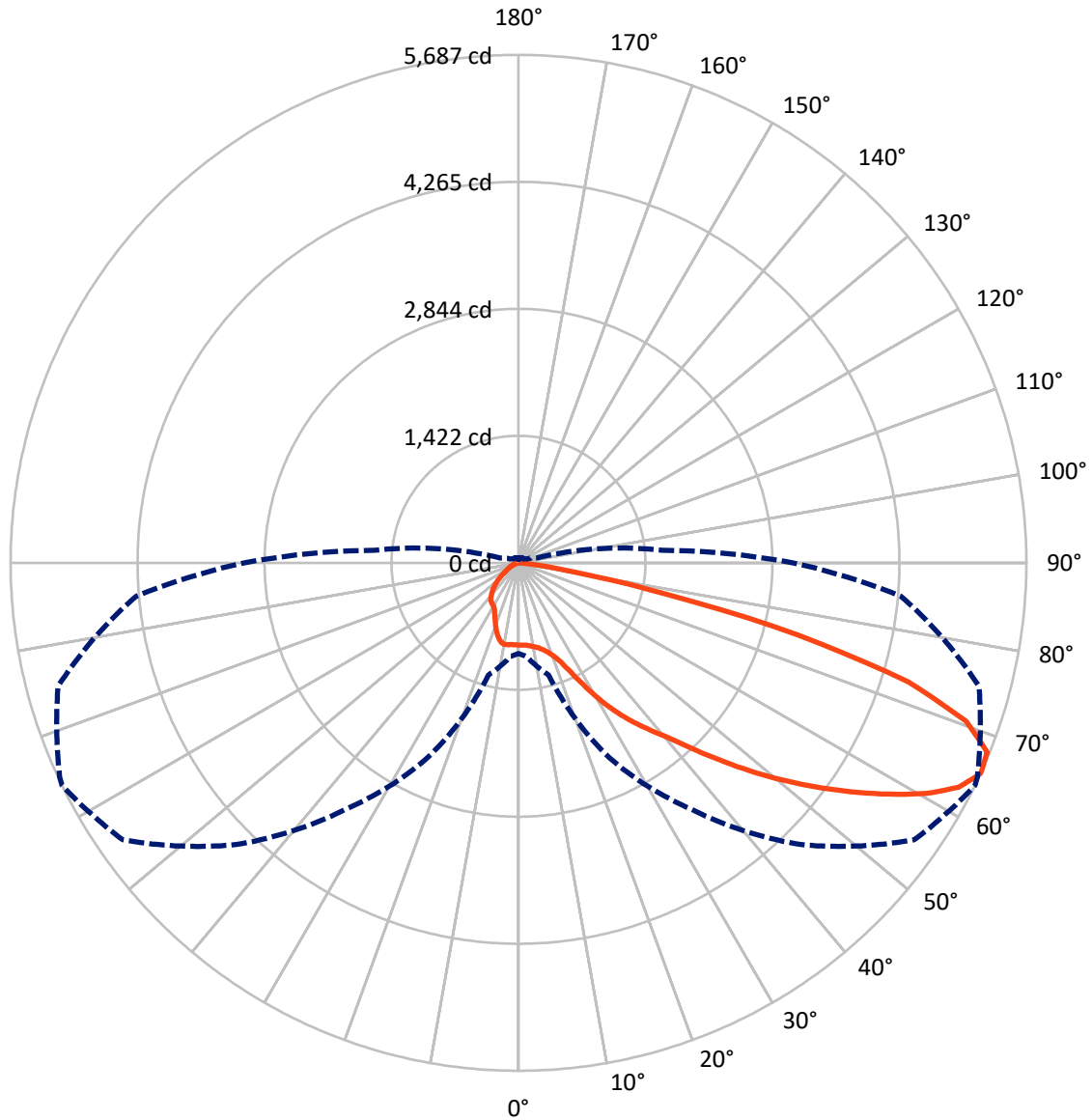
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.3 fc  
 Type III - Short - N/A

REPORT NUMBER: P846847  
CATALOG NUMBER: GLAN-SB2C-930-U-T3-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 64-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P846847  
 CATALOG NUMBER: GLAN-SB2C-930-U-T3-HSS

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1059.7	0.0	1059.7
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	6864.3	0.0	6864.3
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	7924.0	0.0	7924.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	85.0	1.1
10°-20°	230.6	2.9
20°-30°	437.0	5.5
30°-40°	884.3	11.2
40°-50°	1506.4	19.0
50°-60°	2048.7	25.9
60°-70°	1923.8	24.3
70°-80°	770.8	9.7
80°-90°	37.3	0.5
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°	7924.0	100.0
0°-180°	7924.0	100.0

**Coefficient of Utilization**



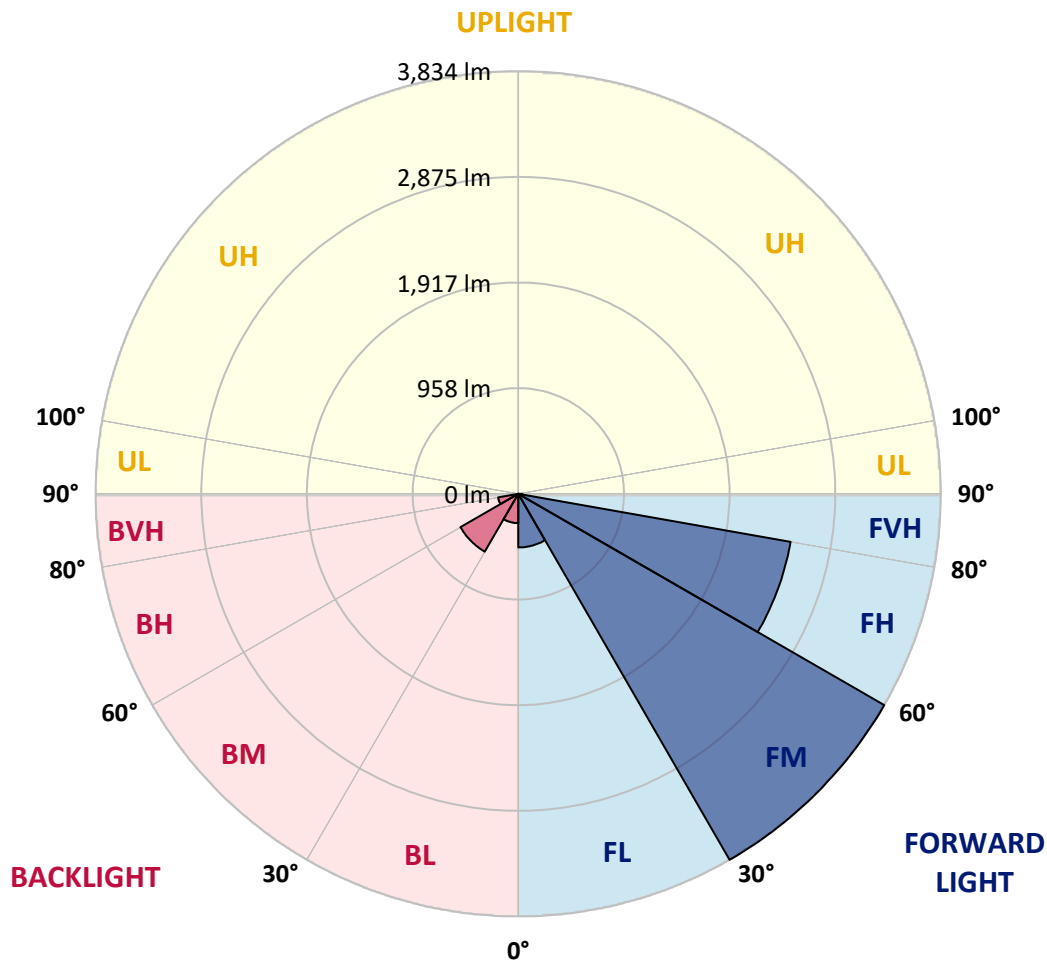
REPORT NUMBER: P846847  
 CATALOG NUMBER: GLAN-SB2C-930-U-T3-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	486.6	6.1			
FM (30°-60°)	3833.6	48.4			
FH (60°-80°)	2508.6	31.7			G2/5000
FVH (80°-90°)	35.5	0.4			G1/100
BL (0°-30°)	266.1	3.4	B1/500		
BM (30°-60°)	605.8	7.6	B1/1000		
BH (60°-80°)	186.0	2.3	B1/500		G1/500
BVH (80°-90°)	1.8	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-G2**

Type III Short



REPORT NUMBER: P846847  
 CATALOG NUMBER: GLAN-SB2C-930-U-T3-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6
2.5°	918.5	924.8	923.2	921.6	921.1	922.2	922.7	922.2	922.2	922.2
5°	900.9	906.2	906.2	910.0	915.3	921.6	926.4	927.5	928.5	930.1
7.5°	867.5	871.7	874.9	887.1	900.4	917.4	931.7	939.2	940.2	946.1
10°	844.6	849.9	855.2	868.0	887.1	912.6	937.0	955.1	957.8	971.6
12.5°	843.6	848.9	855.8	869.6	891.9	919.0	948.7	974.8	979.5	999.7
15°	854.7	861.1	867.5	884.5	908.4	941.3	973.2	1005.6	1010.4	1039.0
17.5°	877.6	886.1	890.8	907.8	933.3	970.0	1011.9	1049.1	1053.4	1086.8
20°	922.7	932.8	934.4	948.2	973.2	1012.5	1062.4	1108.6	1113.9	1152.2
22.5°	1016.2	1030.5	1017.8	1024.7	1047.0	1086.3	1140.5	1198.9	1206.4	1249.9
25°	1180.9	1201.1	1168.1	1156.4	1166.0	1206.9	1274.9	1348.7	1357.2	1392.3
27.5°	1504.4	1478.3	1428.4	1379.5	1350.9	1374.2	1450.7	1542.1	1552.7	1586.7
30°	1859.8	1836.9	1769.4	1661.1	1593.1	1589.4	1660.0	1762.0	1774.2	1806.6
32.5°	2215.7	2193.9	2120.6	1987.2	1869.3	1810.9	1859.8	1972.9	1979.3	2000.0
35°	2565.7	2543.4	2470.1	2333.6	2188.6	2055.8	2046.2	2173.7	2175.8	2197.6
37.5°	2917.9	2899.3	2821.2	2687.4	2544.5	2361.2	2272.5	2363.9	2366.5	2387.8
40°	3169.2	3177.1	3123.5	3019.9	2897.2	2696.9	2526.4	2566.3	2550.3	2585.9
42.5°	3384.8	3400.8	3354.0	3302.0	3230.8	3054.4	2840.9	2834.0	2808.5	2827.6
45°	3571.3	3584.6	3542.6	3530.4	3528.8	3405.0	3184.6	3143.1	3107.6	3103.8
47.5°	3639.8	3665.3	3683.4	3724.3	3804.0	3751.9	3540.0	3475.7	3435.8	3406.6
50°	3665.9	3692.9	3754.6	3873.6	4062.1	4084.4	3893.7	3821.5	3772.6	3719.5
52.5°	3630.8	3679.1	3762.0	3962.3	4235.8	4351.1	4233.2	4170.0	4114.2	4027.6
55°	3424.2	3472.5	3642.0	3961.2	4322.4	4538.1	4554.0	4525.9	4463.2	4326.7
57.5°	2988.6	3060.3	3328.5	3826.3	4320.8	4699.1	4868.5	4888.7	4818.6	4623.1
60°	2385.1	2482.3	2809.6	3527.2	4187.5	4786.2	5144.2	5245.1	5170.8	4915.3
62.5°	1664.3	1776.9	2086.6	3058.7	3882.6	4723.5	5345.5	5532.0	5475.7	5176.6
65°	1015.1	1051.3	1300.9	2406.9	3364.1	4461.1	5407.7	5687.1	5668.5	5336.5
67.5°	676.2	706.5	778.2	1650.5	2611.4	3936.8	5258.9	5660.0	5665.3	5310.5
70°	407.4	433.5	480.2	959.9	1692.4	3116.1	4798.4	5314.7	5345.5	4962.5
72.5°	167.9	185.4	227.9	435.1	876.5	1977.7	3821.0	4563.1	4634.8	4172.6
75°	95.1	104.1	133.9	218.3	380.3	921.6	2314.5	3239.3	3345.0	2876.0
77.5°	63.2	67.5	86.6	141.3	214.1	314.5	989.1	1687.6	1889.5	1570.8
80°	42.5	46.2	59.5	94.6	139.2	134.9	315.0	625.2	769.2	539.7
82.5°	28.7	29.2	42.5	62.2	88.2	65.3	93.0	194.4	244.4	156.2
85°	16.5	15.9	31.3	36.1	39.3	27.1	28.2	58.4	76.5	65.9
87.5°	2.1	3.2	12.2	9.6	5.3	5.8	5.8	10.1	14.9	15.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P846847  
 CATALOG NUMBER: GLAN-SB2C-930-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
921.6	0°	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6	921.6
922.7	2.5°	922.7	922.2	920.6	919.0	915.3	913.1	914.2	913.1	912.6	913.1
929.6	5°	929.6	928.0	923.8	918.5	911.0	902.0	896.1	887.6	879.7	874.9
948.2	7.5°	948.2	946.6	940.8	925.9	902.0	864.3	829.7	799.5	776.6	763.3
978.0	10°	978.0	975.3	966.3	933.3	870.6	788.3	719.8	662.9	625.8	608.2
1013.0	12.5°	1013.0	1009.8	993.9	926.4	811.2	682.6	588.0	524.8	490.3	474.9
1053.4	15°	1054.4	1050.2	1018.9	893.5	724.6	565.7	479.1	431.9	409.6	395.7
1104.9	17.5°	1106.0	1098.5	1037.4	844.1	630.5	476.5	412.2	376.6	357.0	343.7
1172.4	20°	1172.9	1160.7	1052.3	785.1	544.0	420.2	367.1	337.3	322.4	310.8
1268.0	22.5°	1266.4	1248.9	1070.4	721.4	482.9	381.4	333.6	311.8	299.6	286.3
1401.3	25°	1382.2	1361.5	1092.7	662.4	440.9	347.9	309.2	291.1	276.8	261.4
1576.1	27.5°	1544.2	1507.0	1119.3	614.1	404.8	319.3	286.9	266.7	250.2	237.4
1774.2	30°	1724.8	1663.7	1142.6	584.9	371.8	292.7	257.6	237.4	222.0	213.0
1952.2	32.5°	1895.9	1813.0	1158.0	572.1	342.1	262.4	225.8	204.0	192.3	189.6
2126.4	35°	2057.4	1947.9	1156.4	559.9	315.5	232.1	194.4	172.1	163.1	164.7
2313.9	37.5°	2243.3	2091.9	1145.3	540.8	293.8	204.5	167.3	147.7	139.7	140.2
2541.8	40°	2459.5	2258.2	1138.4	504.6	269.9	179.0	145.0	129.1	123.2	121.1
2781.9	42.5°	2690.0	2419.1	1139.4	463.7	240.1	156.2	129.6	116.3	111.0	109.4
3049.1	45°	2921.6	2572.6	1141.0	421.2	208.8	138.6	118.5	107.3	104.1	102.0
3320.0	47.5°	3139.4	2703.3	1111.3	375.6	178.0	125.4	109.4	102.0	99.3	96.7
3592.0	50°	3342.4	2790.4	1039.6	322.4	153.5	114.7	102.5	97.2	94.6	91.9
3838.5	52.5°	3500.1	2804.2	921.1	267.7	136.5	106.8	98.3	93.5	90.3	87.6
4037.7	55°	3570.2	2717.7	752.7	216.7	123.2	99.9	94.0	89.2	85.5	82.9
4194.4	57.5°	3552.2	2535.4	587.0	174.2	110.5	93.0	88.7	85.5	81.3	77.0
4321.4	60°	3463.5	2291.6	442.5	145.0	98.8	85.5	82.9	80.2	74.4	68.0
4370.2	62.5°	3309.9	1985.1	315.5	120.1	86.1	77.0	76.0	73.8	65.3	53.7
4298.0	65°	3075.2	1612.7	212.5	99.9	73.8	67.5	68.0	64.3	53.1	39.8
4033.5	67.5°	2732.0	1179.3	136.0	81.8	61.6	56.3	56.8	54.7	45.2	34.0
3532.0	70°	2294.8	780.9	88.7	62.2	49.4	43.6	46.7	47.3	38.2	27.6
2710.7	72.5°	1682.3	461.1	62.2	46.2	36.1	30.3	38.2	39.3	30.8	20.7
1630.8	75°	958.8	218.9	46.7	33.5	22.3	21.2	29.7	29.7	21.2	13.8
706.0	77.5°	402.7	91.4	32.9	21.8	12.7	12.2	20.2	18.6	10.6	6.4
172.1	80°	116.3	40.9	17.5	10.6	5.3	4.8	8.0	5.8	2.7	1.1
65.3	82.5°	45.7	18.1	6.9	4.2	2.1	2.1	1.1	0.0	0.0	0.0
37.2	85°	27.1	7.4	3.2	1.6	0.5	0.0	0.0	0.0	0.0	0.0
8.0	87.5°	6.9	1.6	1.1	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°
921.6
915.3
876.0
763.9
606.6
473.3
396.3
342.6
308.6
284.2
259.8
234.8
211.4
191.2
164.7
142.4
120.6
108.9
102.0
96.7
91.9
87.1
82.3
76.5
66.9
52.6
38.8
32.4
26.6
19.7
12.7
6.4
1.1
0.0
0.0
0.0
0.0

F REPORT)