

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: P851267

Luminaire Tested: **GLAN-SB9A-930-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P851267  
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-SB9A-930-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

**Summary**

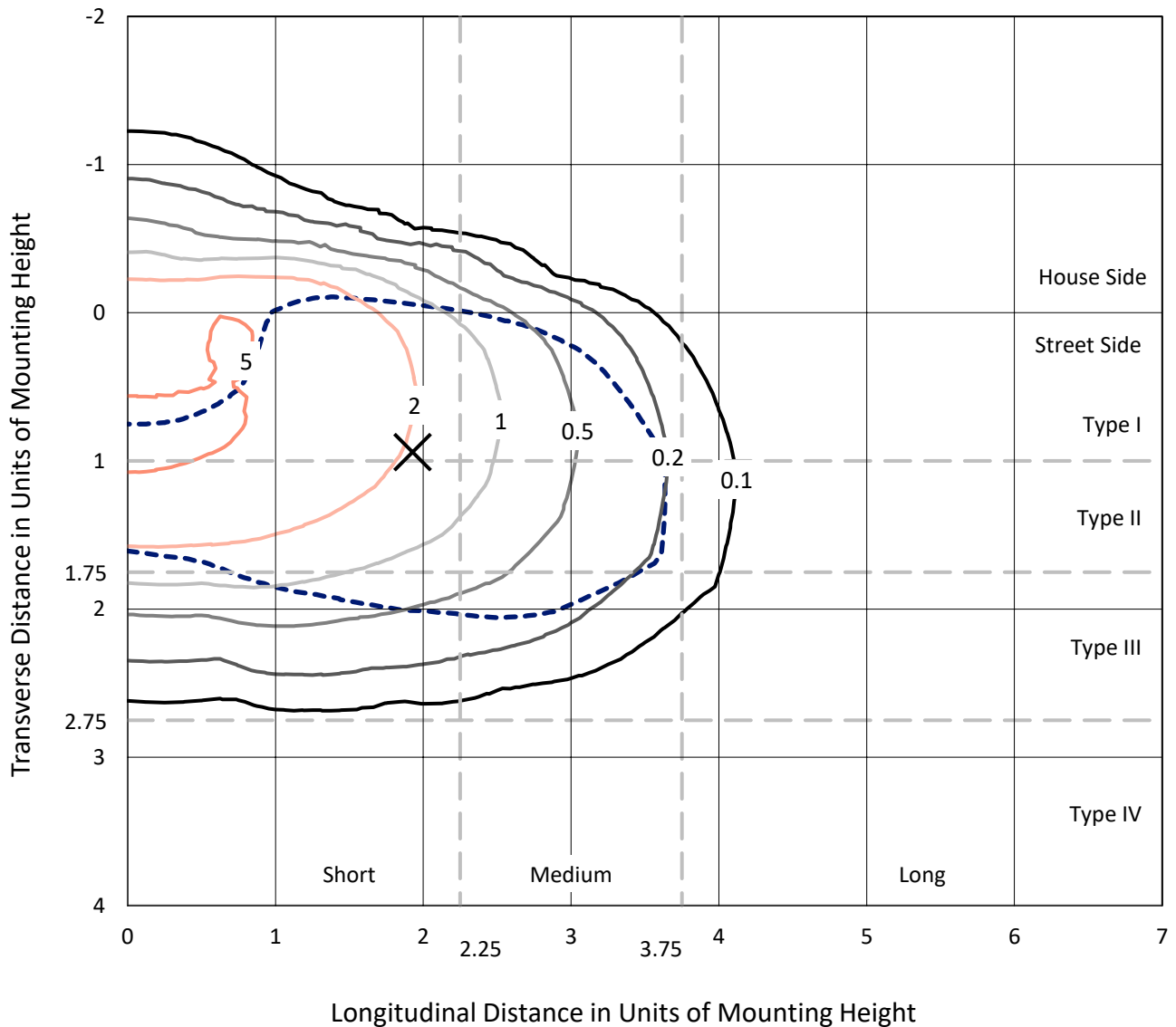
Lumens per Lamp: N/A  
Luminaire Lumens: 21618 lumens  
Efficiency: N/A  
Efficacy: 84.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): 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: P851267  
 CATALOG NUMBER: GLAN-SB9A-930-U-T3-HSS

### Iso-Footcandle Lines of Horizontal Illumination

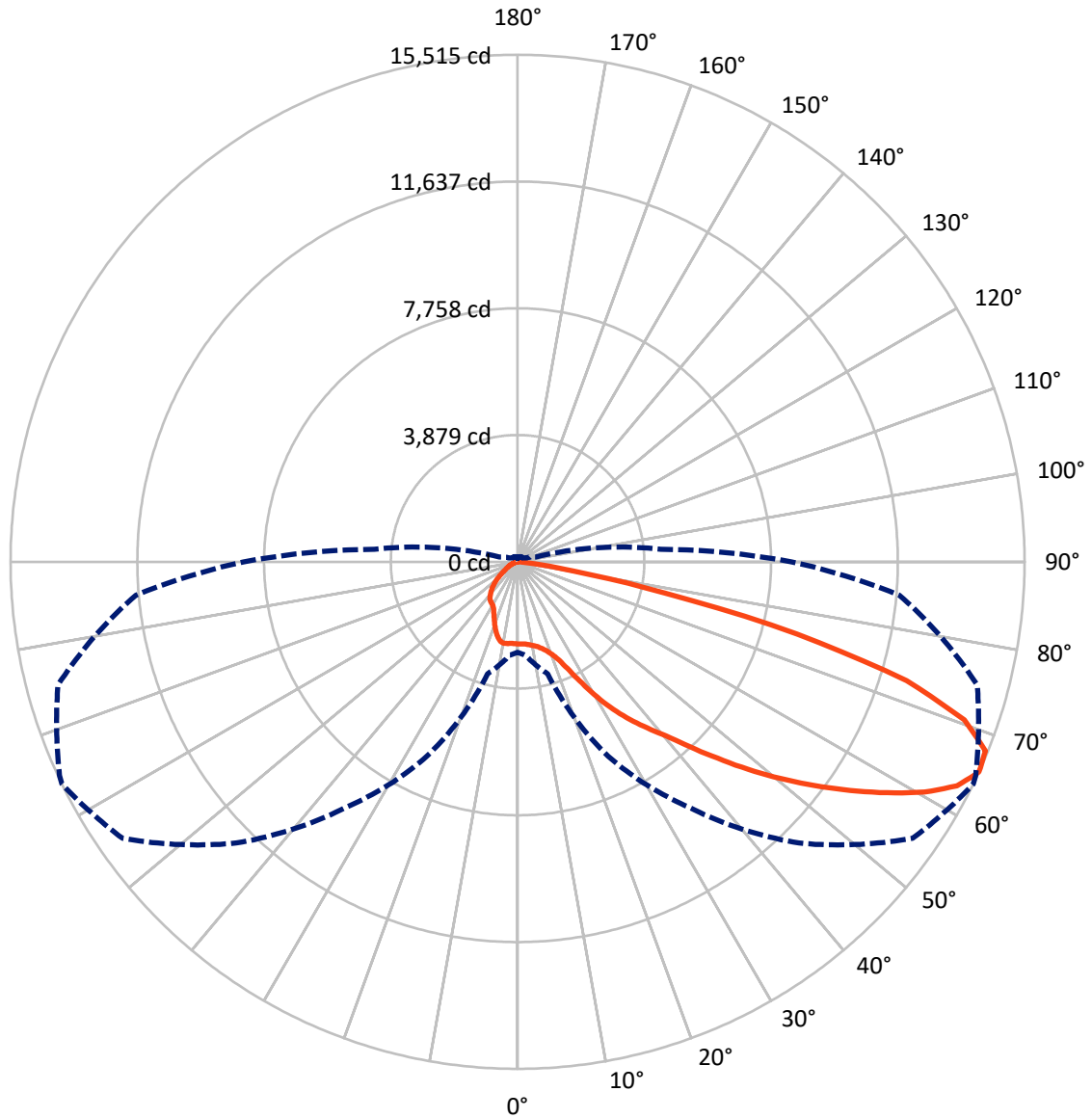
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.3 fc  
 Type III - Short - N/A

REPORT NUMBER: P851267  
CATALOG NUMBER: GLAN-SB9A-930-U-T3-HSS

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P851267  
 CATALOG NUMBER: GLAN-SB9A-930-U-T3-HSS

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2891.0	0.0	2891.0
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	18727.0	0.0	18727.0
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	21618.0	0.0	21618.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	232.0	1.1
10°-20°	629.2	2.9
20°-30°	1192.3	5.5
30°-40°	2412.6	11.2
40°-50°	4109.9	19.0
50°-60°	5589.1	25.9
60°-70°	5248.4	24.3
70°-80°	2102.7	9.7
80°-90°	101.9	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°	21618.0	100.0
0°-180°	21618.0	100.0

**Coefficient of Utilization**



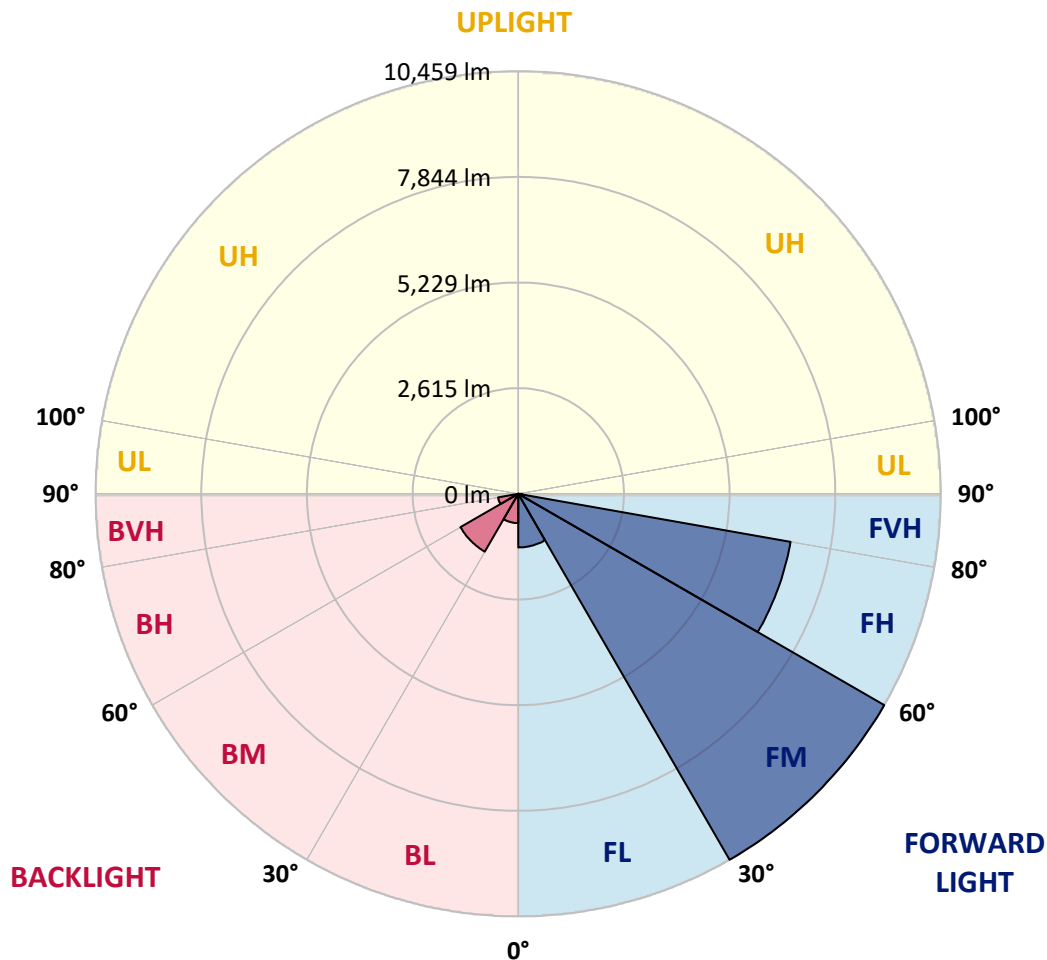
REPORT NUMBER: P851267  
 CATALOG NUMBER: GLAN-SB9A-930-U-T3-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1327.6	6.1			
FM (30°-60°)	10458.8	48.4			
FH (60°-80°)	6843.8	31.7			G3/7500
FVH (80°-90°)	96.9	0.4			G1/100
BL (0°-30°)	725.8	3.4	B2/1000		
BM (30°-60°)	1652.7	7.6	B2/2500		
BH (60°-80°)	507.4	2.3	B2/1000		G2/1000
BVH (80°-90°)	5.0	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G3**

Type III Short



REPORT NUMBER: P851267  
 CATALOG NUMBER: GLAN-SB9A-930-U-T3-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4
2.5°	2505.7	2523.1	2518.7	2514.4	2512.9	2515.8	2517.3	2515.8	2515.8	2515.8
5°	2457.9	2472.4	2472.4	2482.5	2497.0	2514.4	2527.4	2530.3	2533.2	2537.6
7.5°	2366.6	2378.2	2386.9	2420.2	2456.4	2502.8	2541.9	2562.2	2565.1	2581.1
10°	2304.3	2318.8	2333.2	2368.0	2420.2	2489.8	2556.4	2605.7	2612.9	2650.6
12.5°	2301.4	2315.9	2334.7	2372.4	2433.2	2507.2	2588.3	2659.3	2672.4	2727.4
15°	2331.8	2349.2	2366.6	2413.0	2478.2	2568.0	2655.0	2743.4	2756.4	2834.7
17.5°	2394.1	2417.3	2430.3	2476.7	2546.3	2646.3	2760.8	2862.2	2873.8	2965.1
20°	2517.3	2544.8	2549.2	2586.9	2655.0	2762.2	2898.4	3024.5	3039.0	3143.4
22.5°	2772.4	2811.5	2776.7	2795.5	2856.4	2963.7	3111.5	3270.9	3291.2	3410.0
25°	3221.6	3276.7	3186.8	3155.0	3181.0	3292.6	3478.1	3679.6	3702.8	3798.4
27.5°	4104.2	4033.2	3897.0	3763.6	3685.4	3749.1	3957.8	4207.1	4236.1	4328.8
30°	5073.7	5011.4	4827.4	4531.7	4346.2	4336.1	4528.8	4807.1	4840.4	4928.8
32.5°	6044.7	5985.3	5785.3	5421.5	5099.8	4940.4	5073.7	5382.4	5399.8	5456.3
35°	6999.7	6938.9	6738.9	6366.4	5970.8	5608.5	5582.4	5930.2	5936.0	5995.4
37.5°	7960.6	7909.8	7696.8	7331.6	6941.8	6441.8	6199.8	6449.0	6456.3	6514.2
40°	8646.1	8667.8	8521.4	8238.8	7904.0	7357.7	6892.5	7001.2	6957.7	7054.8
42.5°	9234.4	9277.9	9150.4	9008.4	8814.2	8333.0	7750.4	7731.6	7662.0	7714.2
45°	9743.1	9779.3	9664.9	9631.5	9627.2	9289.5	8688.1	8575.0	8477.9	8467.8
47.5°	9930.1	9999.6	10048.9	10160.5	10377.9	10235.8	9657.6	9482.3	9373.6	9293.9
50°	10001.1	10075.0	10243.1	10567.7	11082.2	11143.1	10622.8	10425.7	10292.4	10147.4
52.5°	9905.4	10037.3	10263.4	10809.7	11556.1	11870.6	11548.8	11376.4	11224.2	10988.0
55°	9341.7	9473.6	9935.9	10806.8	11792.3	12380.7	12424.2	12347.4	12176.4	11803.9
57.5°	8153.3	8349.0	9080.8	10438.7	11788.0	12819.8	13282.1	13337.2	13145.9	12612.6
60°	6507.0	6772.2	7664.9	9622.8	11424.2	13057.5	14034.3	14309.6	14106.7	13409.6
62.5°	4540.4	4847.6	5692.5	8344.6	10592.4	12886.5	14583.5	15092.2	14938.6	14122.7
65°	2769.5	2868.0	3549.1	6566.4	9177.9	12170.6	14753.1	15515.4	15464.6	14558.9
67.5°	1844.9	1927.5	2123.1	4502.7	7124.4	10740.2	14347.3	15441.4	15455.9	14487.9
70°	1111.6	1182.6	1310.1	2618.7	4617.2	8501.1	13090.8	14499.5	14583.5	13538.6
72.5°	458.0	505.8	621.7	1186.9	2391.2	5395.4	10424.2	12448.8	12644.5	11383.6
75°	259.4	284.0	365.2	595.6	1037.6	2514.4	6314.3	8837.3	9125.7	7846.1
77.5°	172.5	184.1	236.2	385.5	584.0	857.9	2698.4	4604.2	5154.9	4285.3
80°	115.9	126.1	162.3	258.0	379.7	368.1	859.4	1705.7	2098.5	1472.4
82.5°	78.3	79.7	115.9	169.6	240.6	178.3	253.6	530.4	666.6	426.1
85°	44.9	43.5	85.5	98.5	107.2	73.9	76.8	159.4	208.7	179.7
87.5°	5.8	8.7	33.3	26.1	14.5	15.9	15.9	27.5	40.6	43.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P851267  
 CATALOG NUMBER: GLAN-SB9A-930-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2514.4	0°	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4	2514.4
2517.3	2.5°	2517.3	2515.8	2511.5	2507.2	2497.0	2491.2	2494.1	2491.2	2489.8	2491.2
2536.1	5°	2536.1	2531.8	2520.2	2505.7	2485.4	2460.8	2444.8	2421.6	2399.9	2386.9
2586.9	7.5°	2586.9	2582.5	2566.6	2526.0	2460.8	2357.9	2263.7	2181.1	2118.8	2082.5
2668.0	10°	2668.0	2660.8	2636.1	2546.3	2375.3	2150.6	1963.7	1808.6	1707.2	1659.4
2763.7	12.5°	2763.7	2755.0	2711.5	2527.4	2213.0	1862.2	1604.3	1431.8	1337.6	1295.6
2873.8	15°	2876.7	2865.1	2779.6	2437.6	1976.7	1543.4	1307.2	1178.2	1117.3	1079.7
3014.4	17.5°	3017.3	2997.0	2830.3	2302.8	1720.2	1300.0	1124.6	1027.5	973.9	937.6
3198.4	20°	3199.9	3166.5	2870.9	2141.9	1484.0	1146.3	1001.4	920.3	879.7	847.8
3459.3	22.5°	3454.9	3407.1	2920.2	1968.0	1317.3	1040.5	910.1	850.7	817.4	781.1
3823.0	25°	3770.9	3714.4	2981.0	1807.2	1202.9	949.2	843.4	794.2	755.0	713.0
4299.8	27.5°	4212.9	4111.4	3053.5	1675.3	1104.3	871.0	782.6	727.5	682.6	647.8
4840.4	30°	4705.6	4539.0	3117.3	1595.6	1014.5	798.5	702.9	647.8	605.8	581.1
5325.9	32.5°	5172.3	4946.2	3159.3	1560.8	933.3	715.9	615.9	556.5	524.6	517.4
5801.2	35°	5612.8	5314.3	3155.0	1527.5	860.8	633.3	530.4	469.5	444.9	449.3
6312.8	37.5°	6120.1	5707.0	3124.5	1475.3	801.4	557.9	456.5	402.9	381.1	382.6
6934.5	40°	6709.9	6160.6	3105.7	1376.8	736.2	488.4	395.6	352.2	336.2	330.4
7589.6	42.5°	7338.9	6599.8	3108.6	1265.2	655.0	426.1	353.6	317.4	302.9	298.5
8318.5	45°	7970.7	7018.6	3112.9	1149.2	569.5	378.2	323.2	292.7	284.0	278.3
9057.6	47.5°	8564.9	7375.1	3031.8	1024.6	485.5	342.0	298.5	278.3	271.0	263.8
9799.6	50°	9118.5	7612.8	2836.1	879.7	418.8	313.0	279.7	265.2	258.0	250.7
10472.1	52.5°	9548.9	7650.4	2512.9	730.4	372.4	291.3	268.1	255.1	246.4	239.1
11015.5	55°	9740.2	7414.2	2053.5	591.3	336.2	272.5	256.5	243.5	233.3	226.1
11443.0	57.5°	9690.9	6917.1	1601.4	475.3	301.4	253.6	242.0	233.3	221.7	210.1
11789.4	60°	9448.9	6251.9	1207.2	395.6	269.6	233.3	226.1	218.8	202.9	185.5
11922.7	62.5°	9030.1	5415.7	860.8	327.5	234.8	210.1	207.2	201.4	178.3	146.4
11725.6	65°	8389.5	4399.8	579.7	272.5	201.4	184.1	185.5	175.4	144.9	108.7
11003.9	67.5°	7453.3	3217.3	371.0	223.2	168.1	153.6	155.1	149.3	123.2	92.8
9635.9	70°	6260.6	2130.4	242.0	169.6	134.8	118.8	127.5	129.0	104.3	75.4
7395.4	72.5°	4589.7	1257.9	169.6	126.1	98.5	82.6	104.3	107.2	84.1	56.5
4449.1	75°	2615.8	597.1	127.5	91.3	60.9	58.0	81.2	81.2	58.0	37.7
1926.0	77.5°	1098.5	249.3	89.9	59.4	34.8	33.3	55.1	50.7	29.0	17.4
469.5	80°	317.4	111.6	47.8	29.0	14.5	13.0	21.7	15.9	7.2	2.9
178.3	82.5°	124.6	49.3	18.8	11.6	5.8	5.8	2.9	0.0	0.0	0.0
101.4	85°	73.9	20.3	8.7	4.3	1.4	0.0	0.0	0.0	0.0	0.0
21.7	87.5°	18.8	4.3	2.9	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°
2514.4
2497.0
2389.8
2084.0
1655.0
1291.3
1081.1
934.7
842.0
775.3
708.7
640.6
576.8
521.7
449.3
388.4
329.0
297.1
278.3
263.8
250.7
237.7
224.6
208.7
182.6
143.5
105.8
88.4
72.5
53.6
34.8
17.4
2.9
0.0
0.0
0.0
0.0

F REPORT)