

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: P851266

Luminaire Tested: **GLAN-SB9A-930-U-T2**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P851266  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9A-930-U-T2  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 27312 lumens  
Efficiency: N/A  
Efficacy: 106.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G4

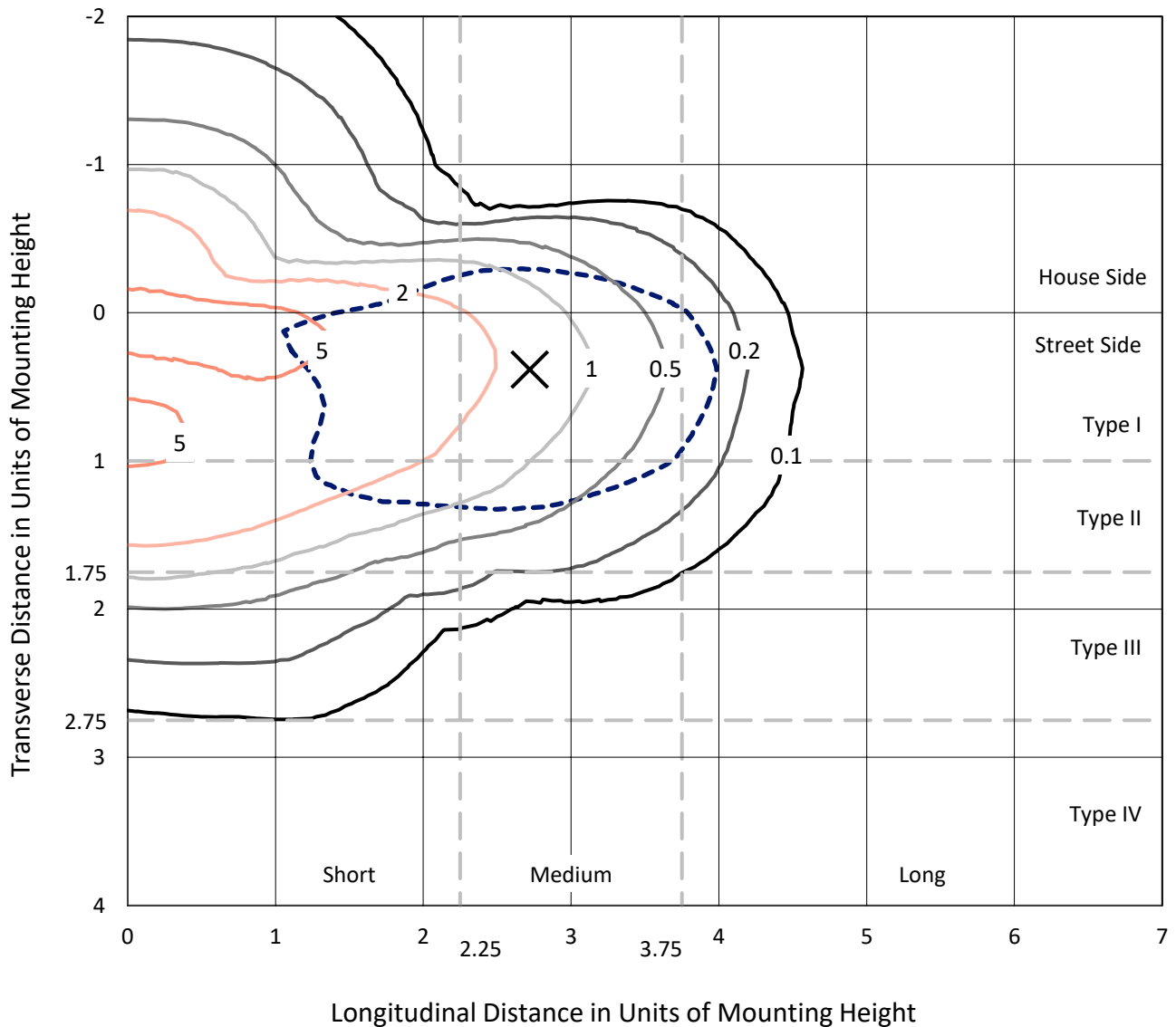
Input Watts (W): 255.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P851266  
 CATALOG NUMBER: GLAN-SB9A-930-U-T2

### Iso-Footcandle Lines of Horizontal Illumination

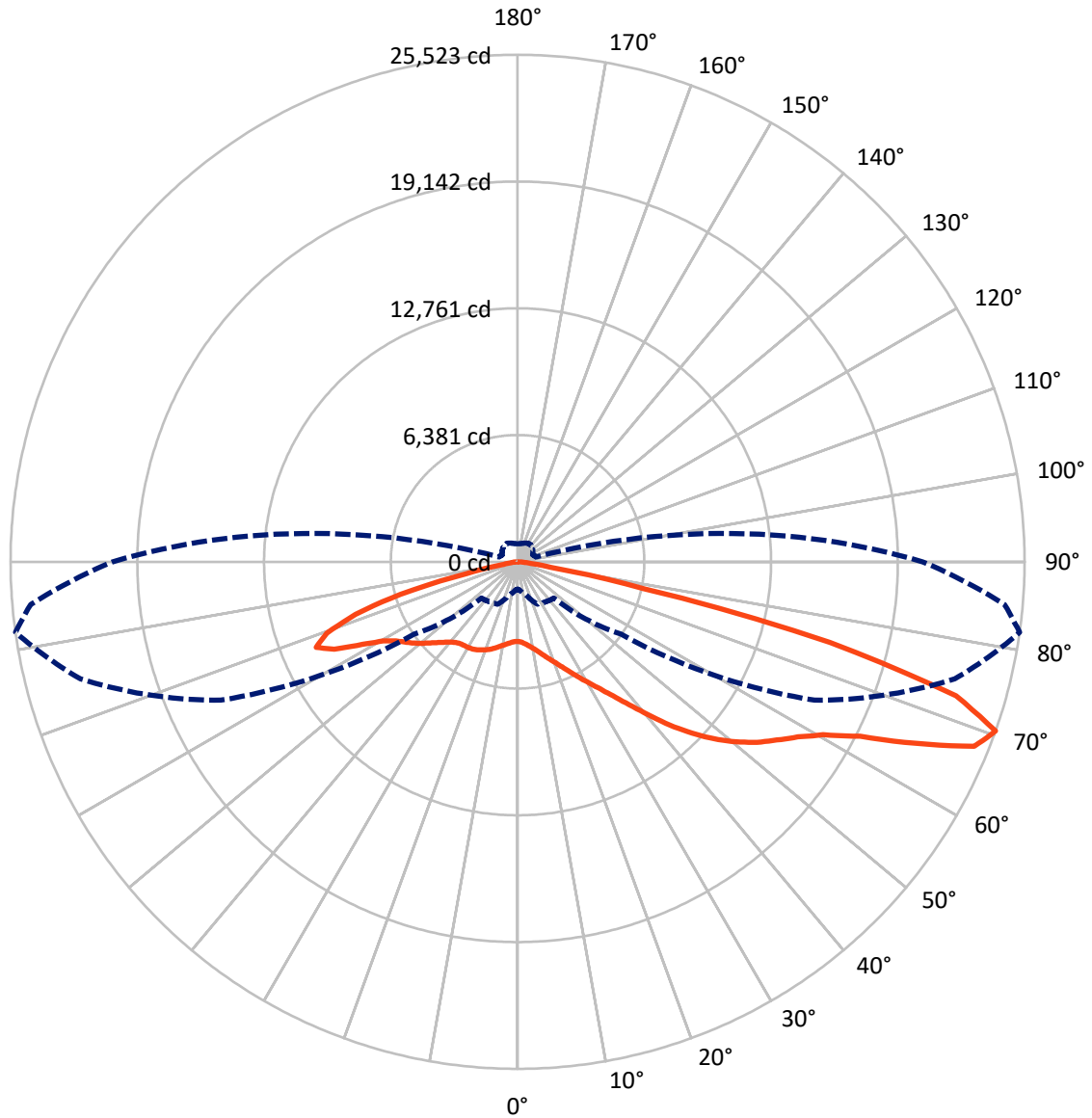
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.3 fc  
 Type II - Medium - N/A

REPORT NUMBER: P851266  
CATALOG NUMBER: GLAN-SB9A-930-U-T2

### Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P851266  
 CATALOG NUMBER: GLAN-SB9A-930-U-T2

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6733.1	0.0	6733.1
	% Fixture	24.7	0.0	24.7
<b>Street Side</b>	Lumens	20578.9	0.0	20578.9
	% Fixture	75.3	0.0	75.3
<b>Total</b>	Lumens	27312.0	0.0	27312.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	378.1	1.4
10°-20°	1086.2	4.0
20°-30°	1817.2	6.7
30°-40°	2838.9	10.4
40°-50°	4521.2	16.6
50°-60°	6291.8	23.0
60°-70°	6581.5	24.1
70°-80°	3439.9	12.6
80°-90°	357.2	1.3
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°	27312.0	100.0
0°-180°	27312.0	100.0

**Coefficient of Utilization**

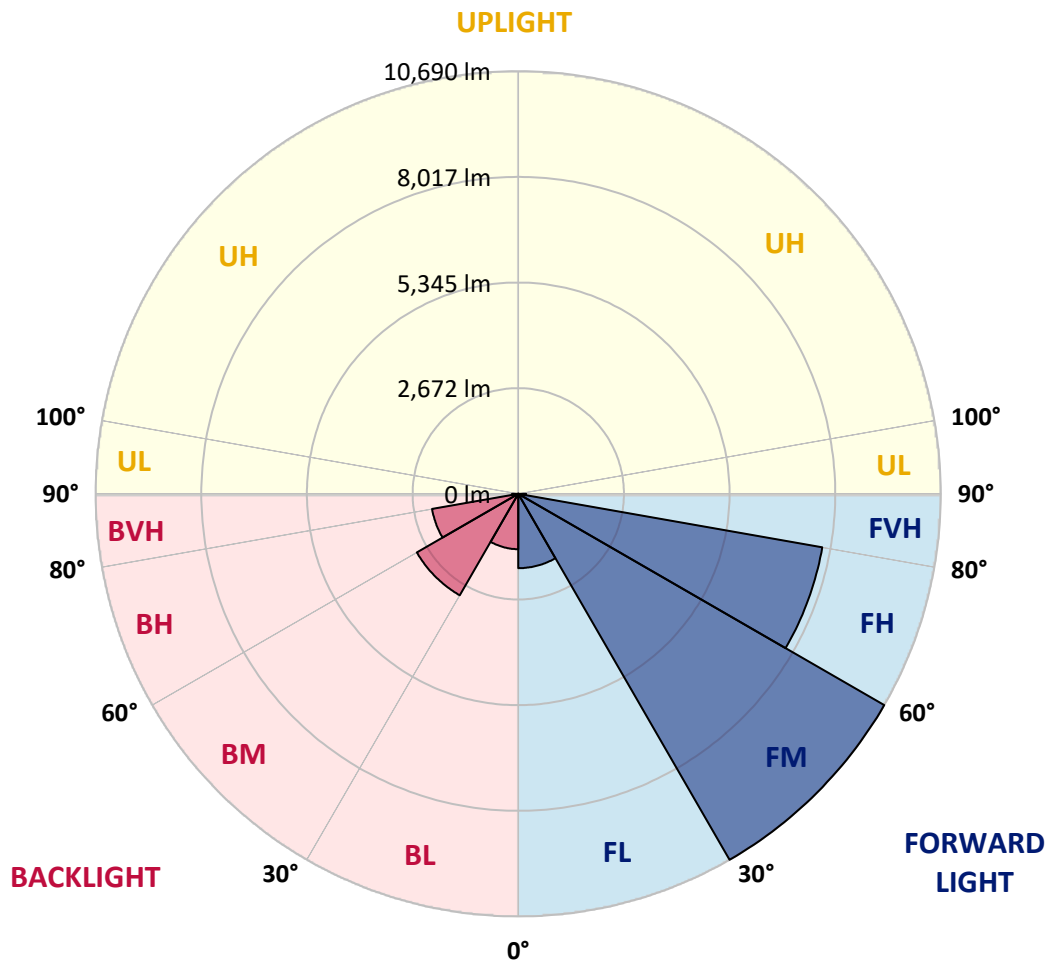


REPORT NUMBER: P851266  
 CATALOG NUMBER: GLAN-SB9A-930-U-T2

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1880.7	6.9			
FM (30°-60°)	10689.6	39.1			
FH (60°-80°)	7808.6	28.6			G4/12000
FVH (80°-90°)	200.0	0.7			G2/225
BL (0°-30°)	1400.7	5.1	B3/2500		
BM (30°-60°)	2962.3	10.8	B3/5000		
BH (60°-80°)	2212.8	8.1	B3/2500		G3/2500
BVH (80°-90°)	157.2	0.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**  
 Type II Medium



REPORT NUMBER: P851266  
 CATALOG NUMBER: GLAN-SB9A-930-U-T2

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3
2.5°	4099.9	4123.1	4115.9	4108.6	4108.6	4098.5	4097.0	4082.5	4070.9	4052.1
5°	4152.1	4176.7	4173.8	4179.6	4198.5	4202.8	4207.2	4198.5	4175.3	4152.1
7.5°	4105.7	4133.3	4142.0	4176.7	4234.7	4286.9	4326.0	4342.0	4320.2	4286.9
10°	3949.2	3979.6	4010.1	4092.7	4195.6	4318.8	4423.1	4485.4	4481.1	4449.2
12.5°	3631.8	3663.7	3728.9	3889.8	4078.2	4295.6	4489.8	4620.2	4665.1	4642.0
15°	3378.2	3405.7	3455.0	3620.2	3865.2	4195.6	4514.4	4768.0	4882.5	4869.5
17.5°	3371.0	3382.6	3413.0	3491.2	3679.6	4039.1	4488.3	4913.0	5131.8	5130.3
20°	3498.5	3502.8	3520.2	3536.2	3643.4	3920.2	4421.7	5033.2	5411.5	5411.5
22.5°	3675.3	3672.4	3689.8	3675.3	3727.5	3910.1	4379.6	5139.0	5723.1	5746.3
25°	3940.5	3926.0	3921.7	3888.3	3898.5	4004.3	4426.0	5259.3	6092.7	6140.5
27.5°	4294.1	4270.9	4255.0	4178.2	4152.1	4198.5	4568.0	5404.3	6504.2	6586.8
30°	4755.0	4713.0	4689.8	4556.4	4462.2	4469.5	4782.5	5597.0	6934.7	7068.0
32.5°	5384.0	5318.8	5256.4	5037.6	4865.1	4808.6	5059.3	5863.7	7401.3	7614.4
35°	6088.3	6036.1	5969.5	5631.8	5366.6	5236.1	5433.2	6236.1	7947.7	8285.4
37.5°	6766.6	6721.6	6753.5	6298.4	5956.4	5766.6	5923.1	6736.1	8621.6	9120.1
40°	7468.0	7433.2	7437.6	7002.8	6604.2	6391.2	6517.3	7363.6	9394.0	10112.9
42.5°	8230.3	8204.2	8117.3	7731.8	7283.9	7085.4	7201.3	8088.3	10223.0	11243.3
45°	9083.9	9068.0	8986.8	8544.8	8031.7	7808.6	7965.1	8888.3	11056.3	12307.0
47.5°	9821.6	9834.6	9824.5	9452.0	8920.1	8592.6	8779.6	9723.0	11831.7	13307.0
50°	10176.6	10244.8	10344.8	10228.8	9898.4	9565.1	9601.3	10528.8	12570.8	14244.7
52.5°	9991.1	10120.1	10392.6	10578.1	10705.6	10636.1	10539.0	11328.8	13266.4	15091.1
55°	9299.8	9481.0	9933.2	10381.0	11031.7	11537.5	11665.0	12215.7	13944.7	15836.0
57.5°	8040.4	8334.6	8740.4	9646.2	10741.8	11973.7	12978.0	13446.2	14663.5	16631.6
60°	5881.1	6275.3	6779.6	8127.4	9727.4	11740.4	14095.4	15336.0	15685.2	17662.0
62.5°	3763.7	4007.2	4470.9	5740.5	7579.6	10544.8	14437.4	17698.3	17417.1	19351.8
65°	2576.8	2733.3	3157.9	3870.9	4899.9	7849.1	13521.5	19469.2	20167.8	22030.1
67.5°	1872.4	1991.3	2353.6	2978.2	3192.7	4644.8	10492.6	19388.1	22841.6	24789.4
70°	1365.2	1449.3	1753.6	2353.6	2456.5	2584.0	6356.4	16480.9	22783.7	25522.8
72.5°	1011.6	1069.5	1273.9	1826.1	1988.4	1744.9	3146.3	11978.1	19577.9	23085.1
75°	731.9	775.3	926.1	1397.1	1591.3	1329.0	1569.5	6999.9	13656.3	16238.9
77.5°	559.4	592.7	691.3	1023.2	1273.9	997.1	973.9	3220.2	6475.3	6507.1
80°	449.3	471.0	524.6	720.3	976.8	746.4	634.8	1300.0	2046.3	1731.9
82.5°	330.4	366.7	443.5	505.8	698.5	514.5	387.0	656.5	778.2	669.6
85°	188.4	213.0	268.1	362.3	446.4	314.5	221.7	291.3	362.3	297.1
87.5°	66.7	87.0	94.2	142.0	194.2	130.4	85.5	84.1	118.8	88.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P851266  
 CATALOG NUMBER: GLAN-SB9A-930-U-T2

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
4004.3	0°	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3	4004.3
4047.8	2.5°	4033.3	4026.0	3997.0	3957.9	3917.3	3878.2	3865.2	3837.6	3818.8	3808.6
4142.0	5°	4114.4	4091.2	4023.1	3936.2	3844.9	3746.3	3676.7	3613.0	3566.6	3523.1
4270.9	7.5°	4230.4	4189.8	4072.4	3920.2	3757.9	3594.1	3472.4	3379.7	3317.3	3276.8
4421.7	10°	4365.1	4302.8	4123.1	3895.6	3644.9	3410.1	3266.6	3186.9	3147.8	3126.0
4594.1	12.5°	4520.2	4431.8	4175.3	3839.1	3472.4	3204.3	3105.7	3082.6	3084.0	3085.5
4811.5	15°	4711.5	4588.3	4217.3	3715.9	3247.8	3046.3	3028.9	3066.6	3105.7	3124.6
5057.9	17.5°	4927.5	4753.5	4224.6	3513.0	3027.5	2944.9	2999.9	3081.1	3140.5	3166.6
5333.2	20°	5159.3	4921.7	4172.4	3226.0	2846.3	2862.3	2960.8	3065.2	3130.4	3163.7
5647.7	22.5°	5424.5	5101.4	4047.8	2924.6	2698.5	2772.4	2888.4	2989.8	3057.9	3091.3
6017.3	25°	5727.4	5302.8	3852.1	2671.0	2571.0	2671.0	2786.9	2871.0	2926.0	2956.5
6430.3	27.5°	6063.7	5513.0	3591.2	2469.5	2459.4	2566.6	2662.3	2727.5	2756.5	2779.7
6869.5	30°	6401.3	5704.3	3275.3	2317.4	2362.3	2463.7	2531.8	2560.8	2569.5	2573.9
7359.3	32.5°	6766.6	5869.5	2943.4	2191.3	2269.5	2363.7	2404.3	2417.4	2376.8	2349.2
7953.5	35°	7208.6	6046.3	2618.8	2091.3	2178.2	2259.4	2272.4	2260.8	2213.0	2156.5
8698.4	37.5°	7754.9	6266.6	2359.4	2020.3	2092.7	2146.3	2130.4	2127.5	2131.8	2065.2
9594.0	40°	8424.5	6553.5	2169.5	1965.2	2023.2	2034.7	1989.8	2014.5	2036.2	1934.8
10576.6	42.5°	9168.0	6899.9	2049.2	1927.5	1965.2	1937.6	1868.1	1895.6	1892.7	1759.4
11563.6	45°	9925.9	7276.7	2007.2	1900.0	1911.6	1856.5	1779.7	1786.9	1726.1	1605.8
12509.9	47.5°	10679.5	7681.0	2033.3	1876.8	1844.9	1782.6	1723.2	1691.3	1601.4	1511.6
13417.2	50°	11418.6	8105.7	2128.9	1830.4	1753.6	1717.4	1673.9	1617.4	1521.7	1444.9
14275.1	52.5°	12104.1	8533.2	2236.2	1753.6	1639.1	1660.8	1633.3	1568.1	1473.9	1395.6
15086.7	55°	12753.4	8960.7	2278.2	1647.8	1531.9	1611.6	1595.6	1475.3	1362.3	1298.5
15936.0	57.5°	13460.6	9475.2	2231.8	1513.0	1444.9	1555.0	1494.2	1360.8	1295.6	1247.8
17041.7	60°	14440.3	10282.4	2131.8	1346.4	1362.3	1471.0	1366.6	1311.6	1240.6	1186.9
18699.7	62.5°	16067.8	11788.2	1971.0	1181.1	1265.2	1346.4	1305.8	1250.7	1178.2	1126.1
21534.4	65°	18473.6	13880.9	1668.1	1052.2	1156.5	1224.6	1240.6	1185.5	1110.1	1055.1
24018.4	67.5°	20502.6	15193.9	1262.3	944.9	1044.9	1126.1	1171.0	1117.4	1037.7	984.0
24599.6	70°	20391.0	14240.3	963.8	839.1	946.4	1029.0	1086.9	1044.9	959.4	908.7
22344.6	72.5°	18111.3	11912.8	779.7	731.9	846.4	927.5	997.1	965.2	878.2	829.0
16369.3	75°	13305.6	8456.4	623.2	623.2	721.7	821.7	898.5	878.2	798.5	763.8
6872.3	77.5°	5608.6	3547.8	488.4	517.4	600.0	705.8	801.4	808.7	739.1	782.6
1817.4	80°	1491.3	978.2	372.5	407.2	471.0	582.6	697.1	694.2	618.8	578.3
675.4	82.5°	568.1	385.5	265.2	287.0	340.6	446.4	552.2	569.6	494.2	427.5
265.2	85°	218.8	165.2	163.8	172.5	198.5	295.6	417.4	431.9	372.5	315.9
73.9	87.5°	56.5	49.3	60.9	58.0	91.3	158.0	239.1	247.8	227.5	131.9
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°
4004.3
3820.2
3540.5
3285.5
3131.8
3088.4
3123.1
3172.4
3172.4
3099.9
2965.2
2788.4
2584.0
2357.9
2159.4
2069.5
1937.6
1757.9
1610.1
1511.6
1439.1
1397.1
1292.7
1243.5
1184.0
1126.1
1058.0
985.5
913.0
829.0
753.6
710.1
537.7
427.5
326.1
188.4
0.0

F REPORT)