

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: P847057

Luminaire Tested: **GLAN-SB3A-722-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847057
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-SB3A-722-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 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: 8254 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

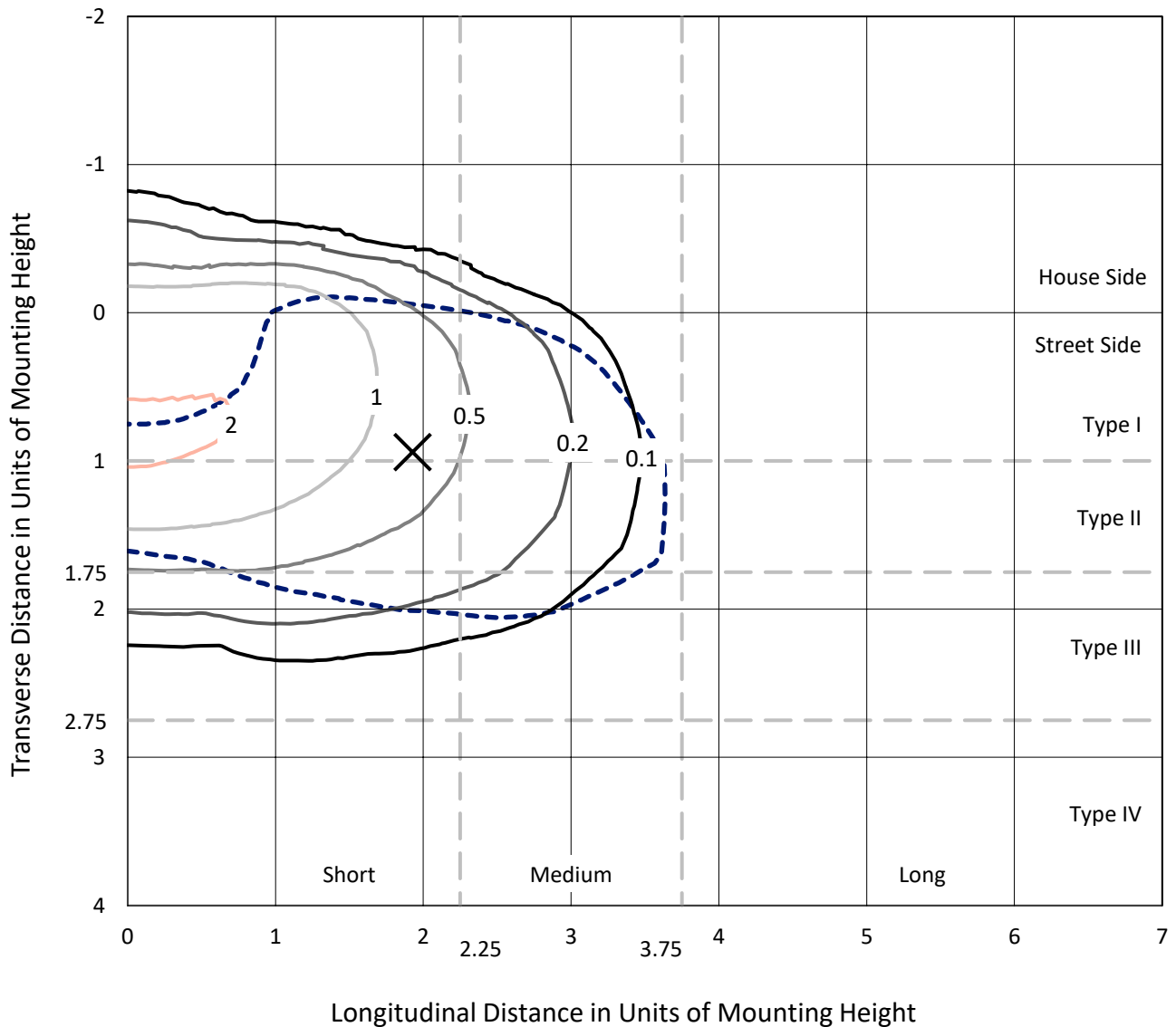
Input Watts (W): 84.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P847057
 CATALOG NUMBER: GLAN-SB3A-722-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination

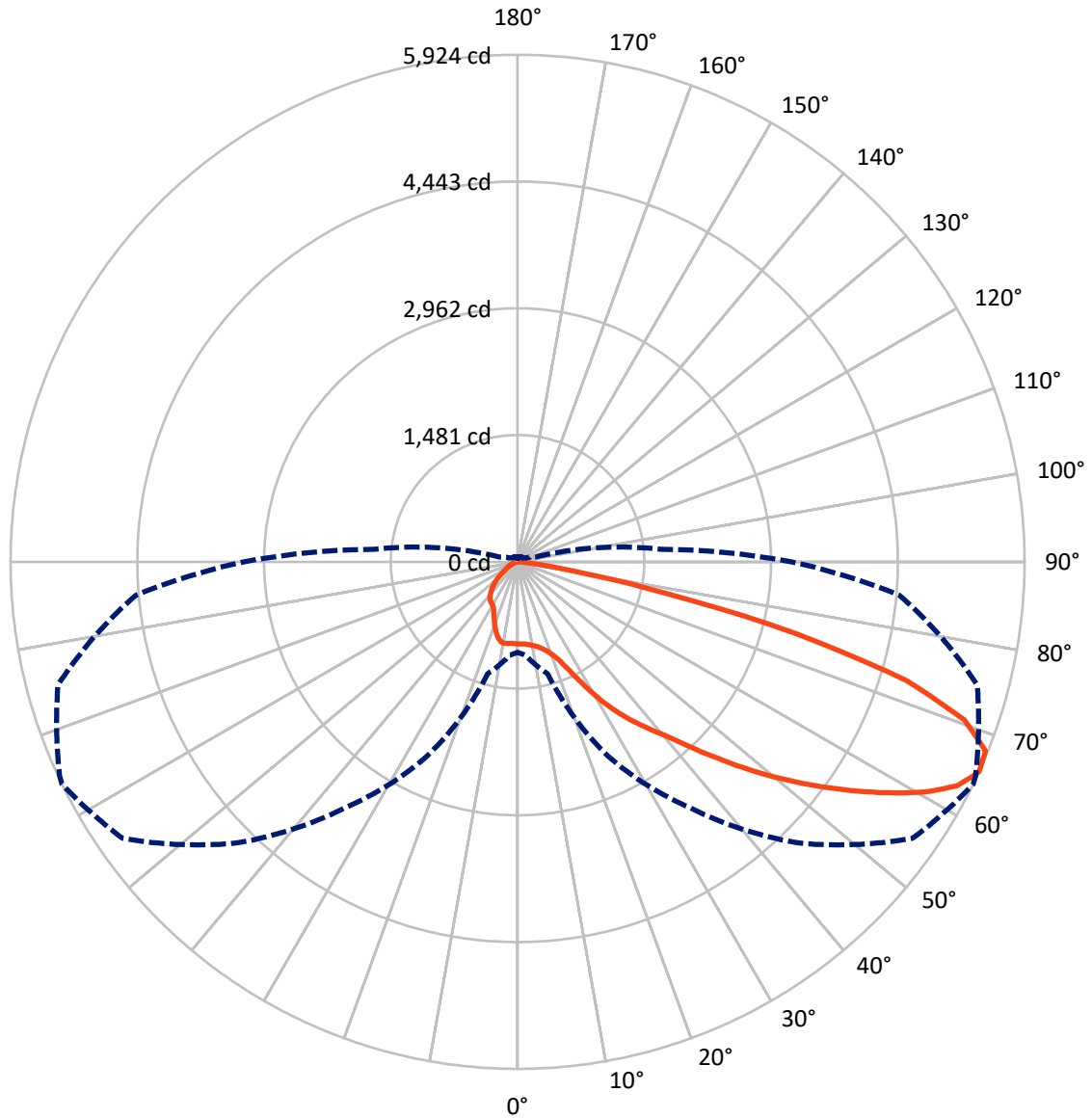
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.4 fc
 Type III - Short - N/A

REPORT NUMBER: P847057
CATALOG NUMBER: GLAN-SB3A-722-U-T3-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P847057
 CATALOG NUMBER: GLAN-SB3A-722-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1103.8	0.0	1103.8
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	7150.2	0.0	7150.2
	% Fixture	86.6	0.0	86.6
Total	Lumens	8254.0	0.0	8254.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.6	1.1
10°-20°	240.2	2.9
20°-30°	455.2	5.5
30°-40°	921.2	11.2
40°-50°	1569.2	19.0
50°-60°	2134.0	25.9
60°-70°	2003.9	24.3
70°-80°	802.9	9.7
80°-90°	38.9	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°	8254.0	100.0
0°-180°	8254.0	100.0

Coefficient of Utilization

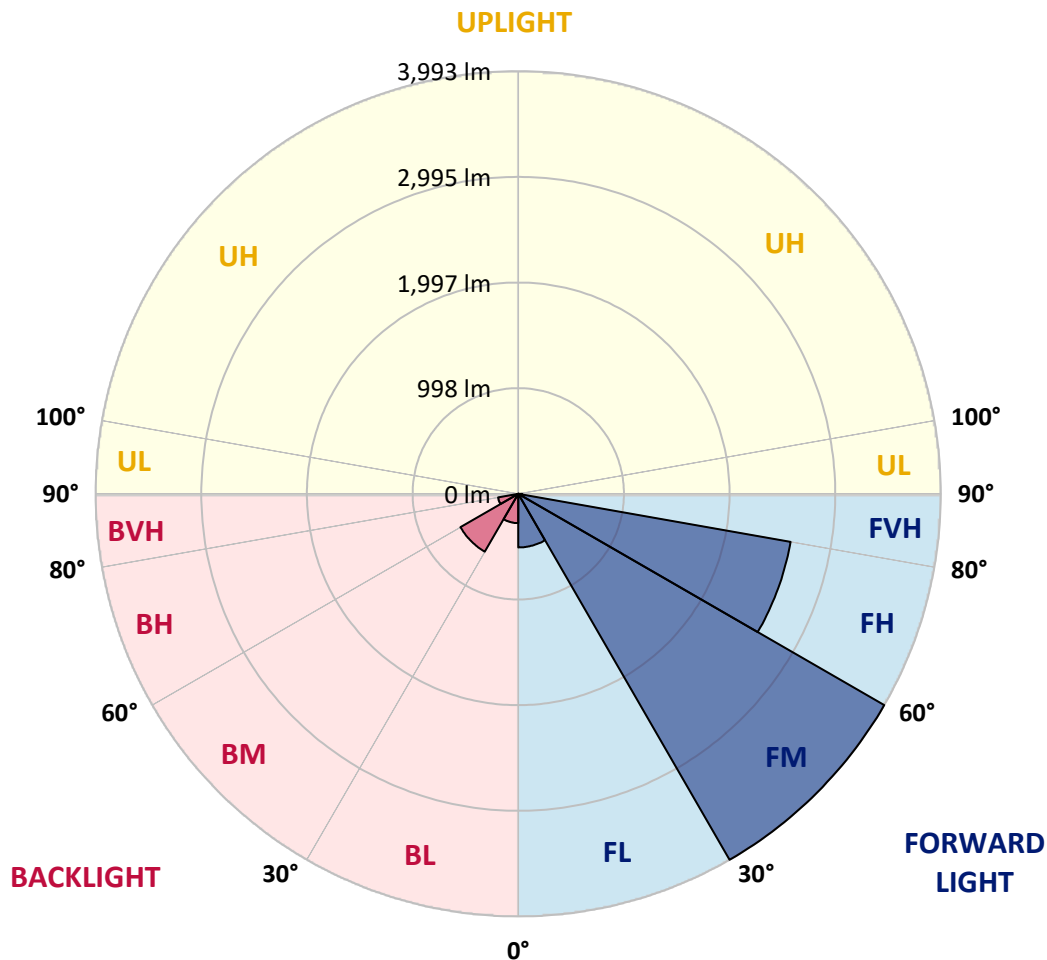


REPORT NUMBER: P847057
 CATALOG NUMBER: GLAN-SB3A-722-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	506.9	6.1			
FM (30°-60°)	3993.3	48.4			
FH (60°-80°)	2613.0	31.7			G2/5000
FVH (80°-90°)	37.0	0.4			G1/100
BL (0°-30°)	277.1	3.4	B1/500		
BM (30°-60°)	631.0	7.6	B1/1000		
BH (60°-80°)	193.7	2.3	B1/500		G1/500
BVH (80°-90°)	1.9	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: P847057
 CATALOG NUMBER: GLAN-SB3A-722-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	960.0	960.0	960.0	960.0	960.0	960.0	960.0	960.0	960.0	960.0
2.5°	956.7	963.3	961.7	960.0	959.5	960.6	961.1	960.6	960.6	960.6
5°	938.4	944.0	944.0	947.9	953.4	960.0	965.0	966.1	967.2	968.9
7.5°	903.6	908.0	911.3	924.1	937.9	955.6	970.5	978.3	979.4	985.5
10°	879.8	885.3	890.9	904.1	924.1	950.6	976.1	994.9	997.7	1012.0
12.5°	878.7	884.2	891.4	905.8	929.0	957.3	988.2	1015.4	1020.3	1041.4
15°	890.3	896.9	903.6	921.3	946.2	980.5	1013.7	1047.5	1052.4	1082.3
17.5°	914.1	923.0	927.9	945.6	972.2	1010.4	1054.1	1092.8	1097.3	1132.1
20°	961.1	971.6	973.3	987.7	1013.7	1054.6	1106.7	1154.8	1160.3	1200.2
22.5°	1058.5	1073.5	1060.2	1067.4	1090.6	1131.6	1188.0	1248.9	1256.6	1302.0
25°	1230.1	1251.1	1216.8	1204.6	1214.6	1257.2	1328.0	1404.9	1413.8	1450.3
27.5°	1567.0	1539.9	1487.9	1437.0	1407.1	1431.5	1511.1	1606.3	1617.4	1652.8
30°	1937.2	1913.4	1843.1	1730.3	1659.4	1655.6	1729.2	1835.4	1848.1	1881.9
32.5°	2307.9	2285.2	2208.9	2070.0	1947.2	1886.3	1937.2	2055.1	2061.7	2083.3
35°	2672.6	2649.3	2573.0	2430.8	2279.7	2141.4	2131.4	2264.2	2266.4	2289.1
37.5°	3039.4	3020.1	2938.7	2799.3	2650.4	2459.5	2367.1	2462.3	2465.1	2487.2
40°	3301.2	3309.5	3253.6	3145.7	3017.9	2809.3	2631.6	2673.1	2656.5	2693.6
42.5°	3525.8	3542.4	3493.7	3439.5	3365.3	3181.6	2959.2	2952.0	2925.5	2945.4
45°	3720.0	3733.9	3690.2	3677.4	3675.8	3546.8	3317.2	3274.0	3237.0	3233.1
47.5°	3791.4	3818.0	3836.8	3879.4	3962.4	3908.2	3687.4	3620.4	3578.9	3548.5
50°	3818.5	3846.7	3910.9	4034.9	4231.3	4254.5	4055.9	3980.6	3929.7	3874.4
52.5°	3782.0	3832.4	3918.7	4127.3	4412.2	4532.3	4409.5	4343.6	4285.5	4195.3
55°	3566.8	3617.1	3793.6	4126.2	4502.4	4727.1	4743.7	4714.4	4649.1	4506.9
57.5°	3113.0	3187.7	3467.2	3985.6	4500.8	4894.7	5071.3	5092.3	5019.2	4815.6
60°	2484.4	2585.7	2926.6	3674.1	4361.9	4985.5	5358.4	5463.6	5386.1	5120.0
62.5°	1733.6	1850.9	2173.5	3186.1	4044.3	4920.2	5568.2	5762.4	5703.7	5392.2
65°	1057.4	1095.0	1355.1	2507.1	3504.2	4646.9	5632.9	5923.9	5904.6	5558.7
67.5°	704.4	735.9	810.6	1719.2	2720.2	4100.7	5478.0	5895.7	5901.3	5531.6
70°	424.4	451.5	500.2	999.9	1762.9	3245.8	4998.2	5536.1	5568.2	5169.2
72.5°	174.9	193.1	237.4	453.2	913.0	2060.0	3980.1	4753.1	4827.8	4346.4
75°	99.0	108.5	139.4	227.4	396.2	960.0	2410.9	3374.2	3484.3	2995.7
77.5°	65.8	70.3	90.2	147.2	223.0	327.6	1030.3	1757.9	1968.2	1636.2
80°	44.3	48.1	62.0	98.5	145.0	140.5	328.1	651.3	801.2	562.2
82.5°	29.9	30.4	44.3	64.7	91.9	68.1	96.8	202.5	254.5	162.7
85°	17.2	16.6	32.6	37.6	40.9	28.2	29.3	60.9	79.7	68.6
87.5°	2.2	3.3	12.7	10.0	5.5	6.1	6.1	10.5	15.5	16.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P847057
 CATALOG NUMBER: GLAN-SB3A-722-U-T3-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
960.0	0°	960.0	960.0	960.0	960.0	960.0	960.0	960.0	960.0	960.0	960.0
961.1	2.5°	961.1	960.6	958.9	957.3	953.4	951.2	952.3	951.2	950.6	951.2
968.3	5°	968.3	966.7	962.2	956.7	949.0	939.6	933.5	924.6	916.3	911.3
987.7	7.5°	987.7	986.0	979.9	964.5	939.6	900.3	864.3	832.8	809.0	795.1
1018.7	10°	1018.7	1015.9	1006.5	972.2	906.9	821.1	749.8	690.6	651.8	633.6
1055.2	12.5°	1055.2	1051.9	1035.3	965.0	844.9	711.0	612.5	546.7	510.7	494.7
1097.3	15°	1098.4	1093.9	1061.3	930.7	754.7	589.3	499.1	449.9	426.6	412.2
1150.9	17.5°	1152.0	1144.3	1080.7	879.2	656.8	496.3	429.4	392.3	371.8	358.0
1221.2	20°	1221.8	1209.0	1096.1	817.8	566.6	437.7	382.4	351.4	335.9	323.7
1320.8	22.5°	1319.1	1300.9	1115.0	751.4	503.0	397.3	347.5	324.8	312.1	298.2
1459.7	25°	1439.8	1418.2	1138.2	690.0	459.3	362.4	322.0	303.2	288.3	272.2
1641.7	27.5°	1608.5	1569.8	1165.9	639.6	421.6	332.6	298.8	277.8	260.6	247.3
1848.1	30°	1796.7	1733.0	1190.2	609.2	387.3	304.9	268.4	247.3	231.3	221.9
2033.5	32.5°	1974.8	1888.5	1206.3	595.9	356.3	273.3	235.2	212.5	200.3	197.5
2215.0	35°	2143.0	2029.1	1204.6	583.2	328.7	241.8	202.5	179.3	169.9	171.5
2410.3	37.5°	2336.7	2179.0	1193.0	563.3	306.0	213.0	174.3	153.8	145.5	146.1
2647.7	40°	2561.9	2352.2	1185.8	525.7	281.1	186.5	151.1	134.5	128.4	126.2
2897.8	42.5°	2802.1	2519.9	1186.9	483.1	250.1	162.7	135.0	121.2	115.6	114.0
3176.1	45°	3043.3	2679.8	1188.6	438.8	217.5	144.4	123.4	111.8	108.5	106.2
3458.3	47.5°	3270.2	2815.9	1157.6	391.2	185.4	130.6	114.0	106.2	103.5	100.7
3741.6	50°	3481.5	2906.6	1082.9	335.9	159.9	119.5	106.8	101.3	98.5	95.7
3998.4	52.5°	3645.9	2921.0	959.5	278.9	142.2	111.2	102.4	97.4	94.1	91.3
4205.9	55°	3718.9	2830.8	784.1	225.8	128.4	104.0	97.9	93.0	89.1	86.3
4369.1	57.5°	3700.1	2641.0	611.4	181.5	115.1	96.8	92.4	89.1	84.7	80.2
4501.3	60°	3607.7	2387.1	460.9	151.1	102.9	89.1	86.3	83.6	77.5	70.8
4552.2	62.5°	3447.8	2067.8	328.7	125.1	89.6	80.2	79.1	76.9	68.1	55.9
4477.0	65°	3203.2	1679.9	221.3	104.0	76.9	70.3	70.8	67.0	55.3	41.5
4201.4	67.5°	2845.8	1228.4	141.7	85.2	64.2	58.7	59.2	57.0	47.0	35.4
3679.1	70°	2390.4	813.4	92.4	64.7	51.5	45.4	48.7	49.2	39.8	28.8
2823.6	72.5°	1752.4	480.3	64.7	48.1	37.6	31.5	39.8	40.9	32.1	21.6
1698.7	75°	998.8	228.0	48.7	34.9	23.2	22.1	31.0	31.0	22.1	14.4
735.4	77.5°	419.4	95.2	34.3	22.7	13.3	12.7	21.0	19.4	11.1	6.6
179.3	80°	121.2	42.6	18.3	11.1	5.5	5.0	8.3	6.1	2.8	1.1
68.1	82.5°	47.6	18.8	7.2	4.4	2.2	2.2	1.1	0.0	0.0	0.0
38.7	85°	28.2	7.7	3.3	1.7	0.6	0.0	0.0	0.0	0.0	0.0
8.3	87.5°	7.2	1.7	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°
<hr/>
960.0
953.4
912.4
795.7
631.9
493.0
412.8
356.9
321.5
296.0
270.6
244.6
220.2
199.2
171.5
148.3
125.6
113.4
106.2
100.7
95.7
90.7
85.8
79.7
69.7
54.8
40.4
33.8
27.7
20.5
13.3
6.6
1.1
0.0
0.0
0.0
0.0

F REPORT)