

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: P850247

Luminaire Tested: **GLAN-SB7C-930-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P850247
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-SB7C-930-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(7) 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: 28180 lumens
Efficiency: N/A
Efficacy: 80.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G4

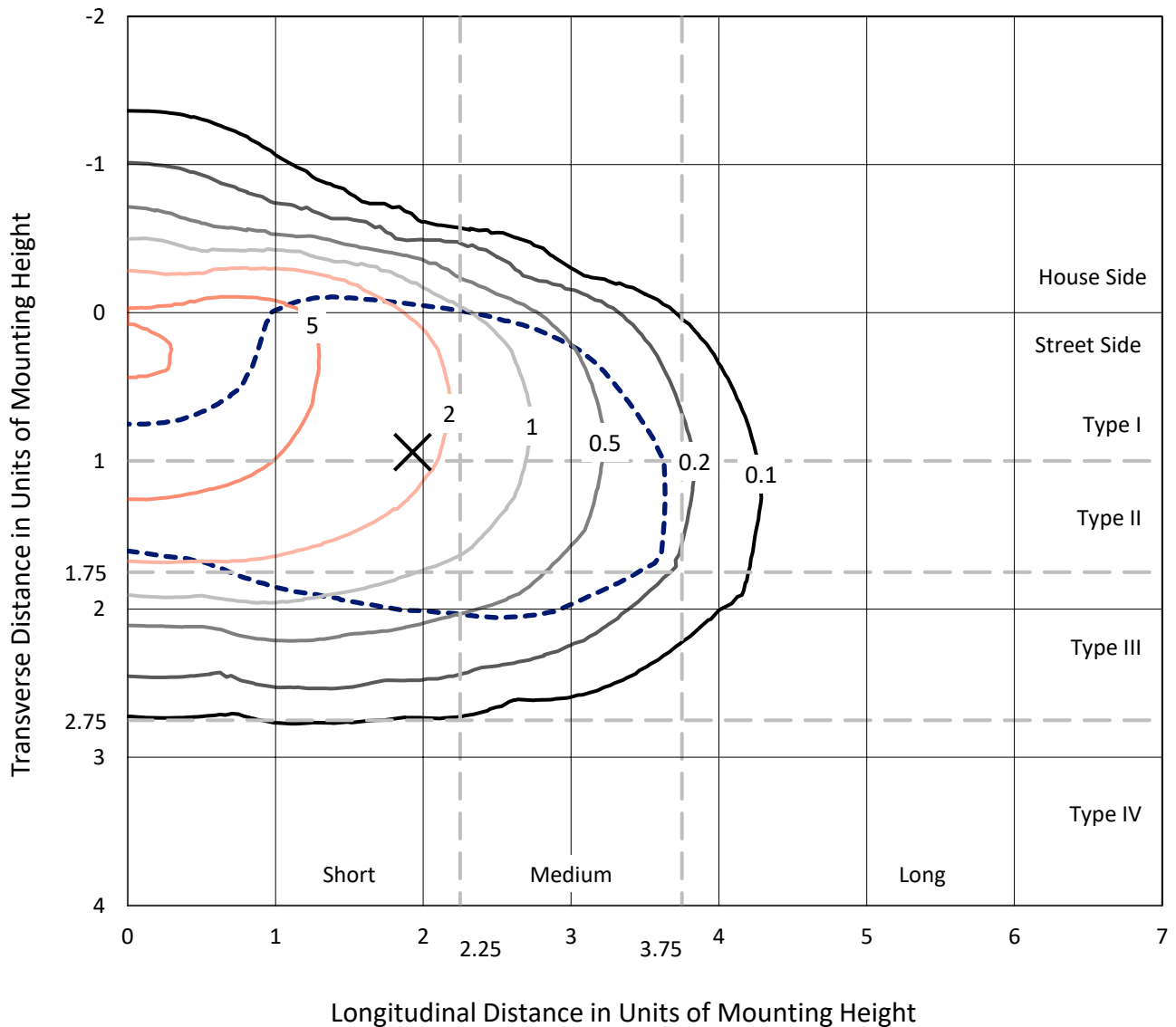
Input Watts (W): 350.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P850247
 CATALOG NUMBER: GLAN-SB7C-930-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination

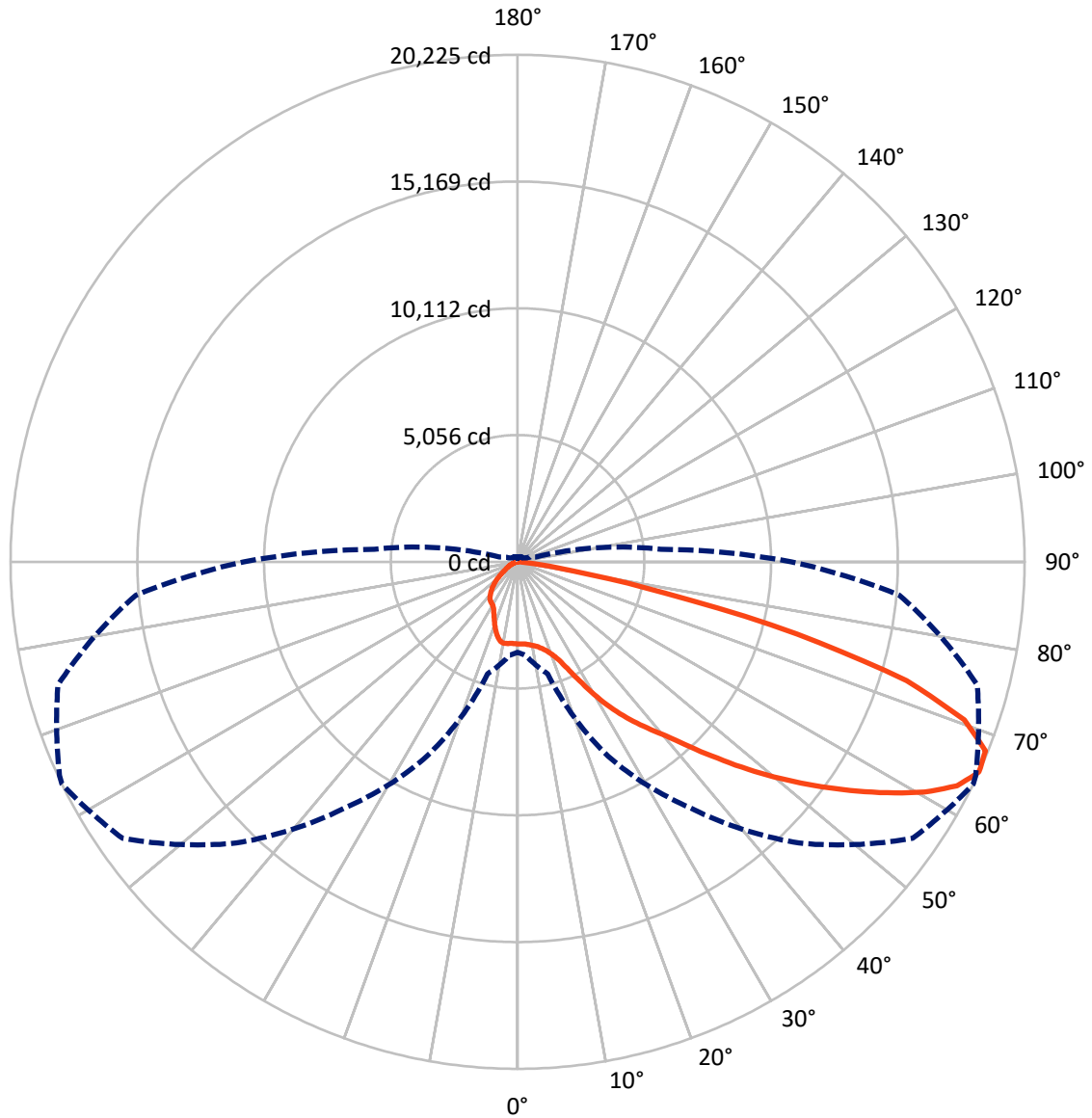
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
 Type III - Short - N/A

REPORT NUMBER: P850247
CATALOG NUMBER: GLAN-SB7C-930-U-T3-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P850247
 CATALOG NUMBER: GLAN-SB7C-930-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3768.5	0.0	3768.5
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	24411.5	0.0	24411.5
	% Fixture	86.6	0.0	86.6
Total	Lumens	28180.0	0.0	28180.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	302.4	1.1
10°-20°	820.2	2.9
20°-30°	1554.2	5.5
30°-40°	3144.9	11.2
40°-50°	5357.4	19.0
50°-60°	7285.6	25.9
60°-70°	6841.6	24.3
70°-80°	2741.0	9.7
80°-90°	132.8	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°	28180.0	100.0
0°-180°	28180.0	100.0

Coefficient of Utilization

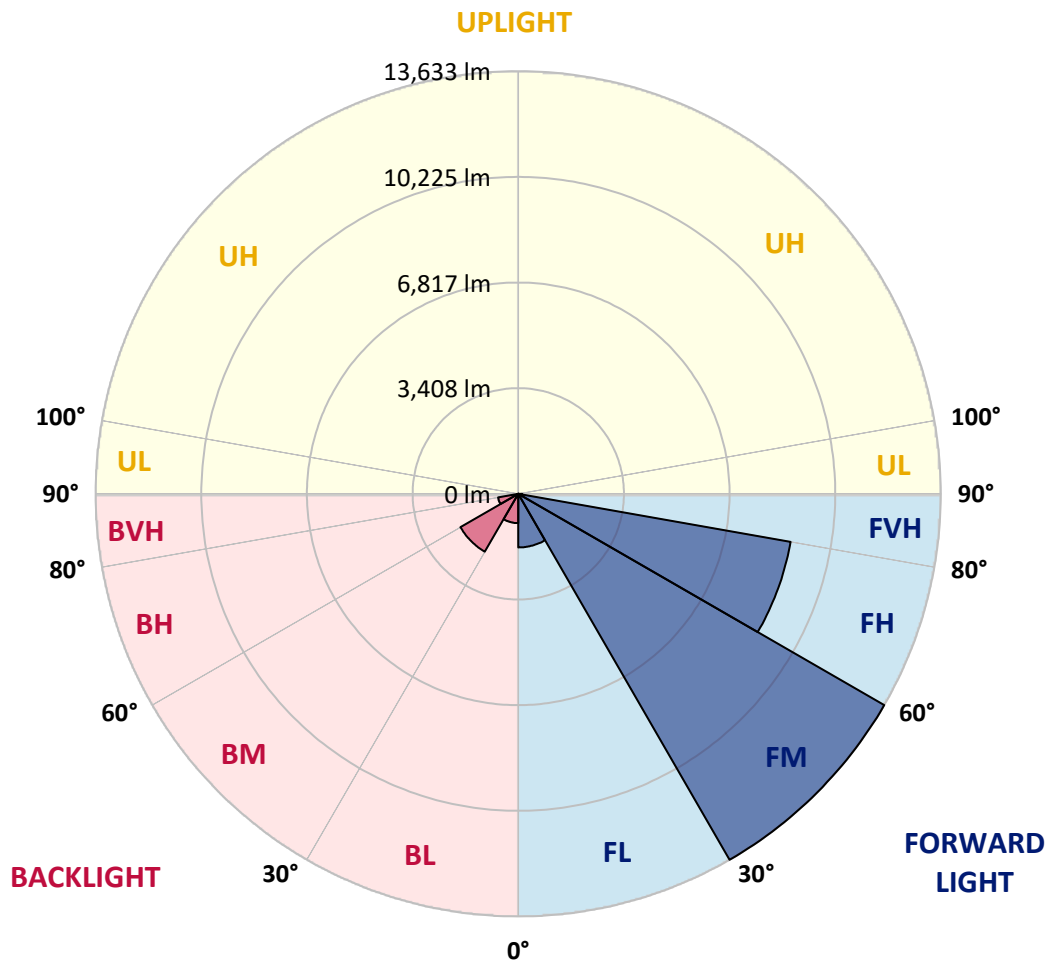


REPORT NUMBER: P850247
 CATALOG NUMBER: GLAN-SB7C-930-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1730.6	6.1			
FM (30°-60°)	13633.4	48.4			
FH (60°-80°)	8921.1	31.7			G4/12000
FVH (80°-90°)	126.3	0.4			G2/225
BL (0°-30°)	946.2	3.4	B2/1000		
BM (30°-60°)	2154.4	7.6	B2/2500		
BH (60°-80°)	661.4	2.3	B2/1000		G2/1000
BVH (80°-90°)	6.5	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-G4
 Type III Short



REPORT NUMBER: P850247
 CATALOG NUMBER: GLAN-SB7C-930-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6
2.5°	3266.3	3289.0	3283.3	3277.6	3275.7	3279.5	3281.4	3279.5	3279.5	3279.5
5°	3204.0	3222.8	3222.8	3236.1	3255.0	3277.6	3294.6	3298.4	3302.2	3307.9
7.5°	3084.9	3100.0	3111.4	3154.8	3202.1	3262.5	3313.5	3340.0	3343.7	3364.5
10°	3003.7	3022.6	3041.5	3086.8	3154.8	3245.5	3332.4	3396.6	3406.1	3455.2
12.5°	2999.9	3018.8	3043.4	3092.5	3171.8	3268.2	3374.0	3466.5	3483.5	3555.3
15°	3039.6	3062.3	3084.9	3145.4	3230.4	3347.5	3460.9	3576.1	3593.1	3695.1
17.5°	3120.8	3151.1	3168.1	3228.5	3319.2	3449.5	3598.8	3731.0	3746.1	3865.1
20°	3281.4	3317.3	3323.0	3372.1	3460.9	3600.7	3778.2	3942.6	3961.5	4097.5
22.5°	3613.9	3664.9	3619.6	3644.1	3723.5	3863.3	4055.9	4263.7	4290.2	4445.1
25°	4199.5	4271.3	4154.2	4112.6	4146.6	4292.1	4533.9	4796.5	4826.7	4951.4
27.5°	5350.0	5257.4	5079.8	4906.0	4804.0	4887.2	5159.2	5484.1	5521.9	5642.8
30°	6613.8	6532.6	6292.7	5907.3	5665.5	5652.3	5903.5	6266.2	6309.7	6424.9
32.5°	7879.5	7802.1	7541.4	7067.2	6647.8	6440.0	6613.8	7016.2	7038.9	7112.5
35°	9124.5	9045.1	8784.4	8298.9	7783.2	7310.9	7276.9	7730.3	7737.8	7815.3
37.5°	10376.9	10310.8	10033.1	9557.1	9048.9	8397.1	8081.7	8406.6	8416.0	8491.6
40°	11270.5	11298.8	11108.0	10739.7	10303.3	9591.1	8984.7	9126.3	9069.7	9196.2
42.5°	12037.5	12094.2	11927.9	11742.8	11489.6	10862.5	10103.0	10078.5	9987.8	10055.8
45°	12700.6	12747.8	12598.6	12555.1	12549.4	12109.3	11325.3	11177.9	11051.4	11038.1
47.5°	12944.3	13034.9	13099.2	13244.6	13528.0	13342.9	12589.1	12360.5	12218.8	12114.9
50°	13036.8	13133.2	13352.3	13775.5	14446.1	14525.5	13847.3	13590.3	13416.5	13227.6
52.5°	12912.1	13084.1	13378.8	14091.0	15063.9	15473.8	15054.4	14829.6	14631.2	14323.3
55°	12177.3	12349.2	12951.8	14087.2	15371.8	16138.8	16195.4	16095.3	15872.4	15386.9
57.5°	10628.2	10883.2	11837.2	13607.3	15366.1	16711.2	17313.8	17385.6	17136.2	16441.0
60°	8482.2	8827.9	9991.6	12543.8	14891.9	17021.0	18294.3	18653.2	18388.7	17480.0
62.5°	5918.6	6319.1	7420.5	10877.6	13807.6	16798.1	19010.2	19673.3	19473.1	18409.5
65°	3610.1	3738.6	4626.5	8559.6	11963.8	15864.8	19231.3	20224.9	20158.8	18978.1
67.5°	2404.9	2512.5	2767.6	5869.5	9286.9	14000.3	18702.3	20128.6	20147.5	18885.6
70°	1449.0	1541.5	1707.8	3413.6	6018.7	11081.6	17064.4	18900.7	19010.2	17648.2
72.5°	597.0	659.3	810.4	1547.2	3117.1	7033.2	13588.5	16227.6	16482.6	14839.1
75°	338.2	370.3	476.1	776.4	1352.6	3277.6	8230.9	11519.9	11895.8	10227.7
77.5°	224.8	239.9	307.9	502.5	761.3	1118.4	3517.5	6001.7	6719.6	5586.1
80°	151.1	164.4	211.6	336.3	494.9	479.8	1120.2	2223.5	2735.4	1919.3
82.5°	102.0	103.9	151.1	221.0	313.6	232.4	330.6	691.4	869.0	555.4
85°	58.6	56.7	111.5	128.5	139.8	96.3	100.1	207.8	272.0	234.3
87.5°	7.6	11.3	43.4	34.0	18.9	20.8	20.8	35.9	52.9	56.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P850247
 CATALOG NUMBER: GLAN-SB7C-930-U-T3-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
3277.6	0°	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6	3277.6
3281.4	2.5°	3281.4	3279.5	3273.8	3268.2	3255.0	3247.4	3251.2	3247.4	3245.5	3247.4
3306.0	5°	3306.0	3300.3	3285.2	3266.3	3239.8	3207.7	3186.9	3156.7	3128.4	3111.4
3372.1	7.5°	3372.1	3366.4	3345.6	3292.7	3207.7	3073.6	2950.8	2843.1	2761.9	2714.7
3477.9	10°	3477.9	3468.4	3436.3	3319.2	3096.3	2803.5	2559.8	2357.6	2225.4	2163.0
3602.6	12.5°	3602.6	3591.2	3534.5	3294.6	2884.7	2427.5	2091.3	1866.5	1743.7	1688.9
3746.1	15°	3749.9	3734.8	3623.3	3177.5	2576.8	2011.9	1704.0	1535.9	1456.5	1407.4
3929.4	17.5°	3933.2	3906.7	3689.5	3001.8	2242.4	1694.5	1466.0	1339.4	1269.5	1222.3
4169.3	20°	4171.2	4127.7	3742.4	2792.1	1934.5	1494.3	1305.4	1199.6	1146.7	1105.1
4509.3	22.5°	4503.7	4441.3	3806.6	2565.4	1717.2	1356.4	1186.4	1108.9	1065.5	1018.2
4983.5	25°	4915.5	4841.8	3885.9	2355.7	1568.0	1237.4	1099.5	1035.2	984.2	929.4
5605.0	27.5°	5491.7	5359.4	3980.4	2183.8	1439.5	1135.4	1020.1	948.3	889.8	844.4
6309.7	30°	6134.0	5916.7	4063.5	2079.9	1322.4	1040.9	916.2	844.4	789.7	757.5
6942.5	32.5°	6742.3	6447.6	4118.3	2034.6	1216.6	933.2	802.9	725.4	683.9	674.4
7562.2	35°	7316.6	6927.4	4112.6	1991.1	1122.1	825.5	691.4	612.1	580.0	585.6
8229.0	37.5°	7977.8	7439.4	4072.9	1923.1	1044.7	727.3	595.1	525.2	496.8	498.7
9039.4	40°	8746.6	8030.7	4048.4	1794.7	959.7	636.6	515.7	459.1	438.3	430.7
9893.3	42.5°	9566.5	8603.1	4052.2	1649.2	853.9	555.4	460.9	413.7	394.8	389.2
10843.6	45°	10390.2	9149.0	4057.8	1498.1	742.4	493.1	421.3	381.6	370.3	362.7
11807.0	47.5°	11164.7	9613.7	3952.0	1335.6	632.9	445.8	389.2	362.7	353.3	343.8
12774.2	50°	11886.4	9923.6	3697.0	1146.7	546.0	408.1	364.6	345.7	336.3	326.8
13650.8	52.5°	12447.4	9972.7	3275.7	952.1	485.5	379.7	349.5	332.5	321.2	311.7
14359.2	55°	12696.8	9664.7	2676.9	770.8	438.3	355.2	334.4	317.4	304.1	294.7
14916.5	57.5°	12632.6	9016.8	2087.5	619.6	392.9	330.6	315.5	304.1	289.0	273.9
15368.0	60°	12317.1	8149.7	1573.6	515.7	351.4	304.1	294.7	285.3	264.5	241.8
15541.8	62.5°	11771.1	7059.6	1122.1	426.9	306.0	273.9	270.1	262.6	232.4	190.8
15284.9	65°	10936.1	5735.4	755.6	355.2	262.6	239.9	241.8	228.6	188.9	141.7
14344.1	67.5°	9715.8	4193.9	483.6	290.9	219.1	200.2	202.1	194.6	160.6	120.9
12560.8	70°	8161.0	2777.0	315.5	221.0	175.7	154.9	166.2	168.1	136.0	98.2
9640.2	72.5°	5982.8	1639.8	221.0	164.4	128.5	107.7	136.0	139.8	109.6	73.7
5799.6	75°	3409.9	778.3	166.2	119.0	79.3	75.6	105.8	105.8	75.6	49.1
2510.6	77.5°	1432.0	324.9	117.1	77.5	45.3	43.4	71.8	66.1	37.8	22.7
612.1	80°	413.7	145.5	62.3	37.8	18.9	17.0	28.3	20.8	9.4	3.8
232.4	82.5°	162.5	64.2	24.6	15.1	7.6	7.6	3.8	0.0	0.0	0.0
132.2	85°	96.3	26.4	11.3	5.7	1.9	0.0	0.0	0.0	0.0	0.0
28.3	87.5°	24.6	5.7	3.8	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°
3277.6
3255.0
3115.2
2716.6
2157.4
1683.2
1409.3
1218.5
1097.6
1010.7
923.8
835.0
751.9
680.1
585.6
506.3
428.8
387.3
362.7
343.8
326.8
309.8
292.8
272.0
238.0
187.0
137.9
115.2
94.5
69.9
45.3
22.7
3.8
0.0
0.0
0.0
0.0

F REPORT)