

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: P849096

Luminaire Tested: **GLAN-SB6A-722-U-T2**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849096  
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-SB6A-722-U-T2  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 21077 lumens  
Efficiency: N/A  
Efficacy: 123.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Medium  
BUG Rating: B3 - U0 - G3

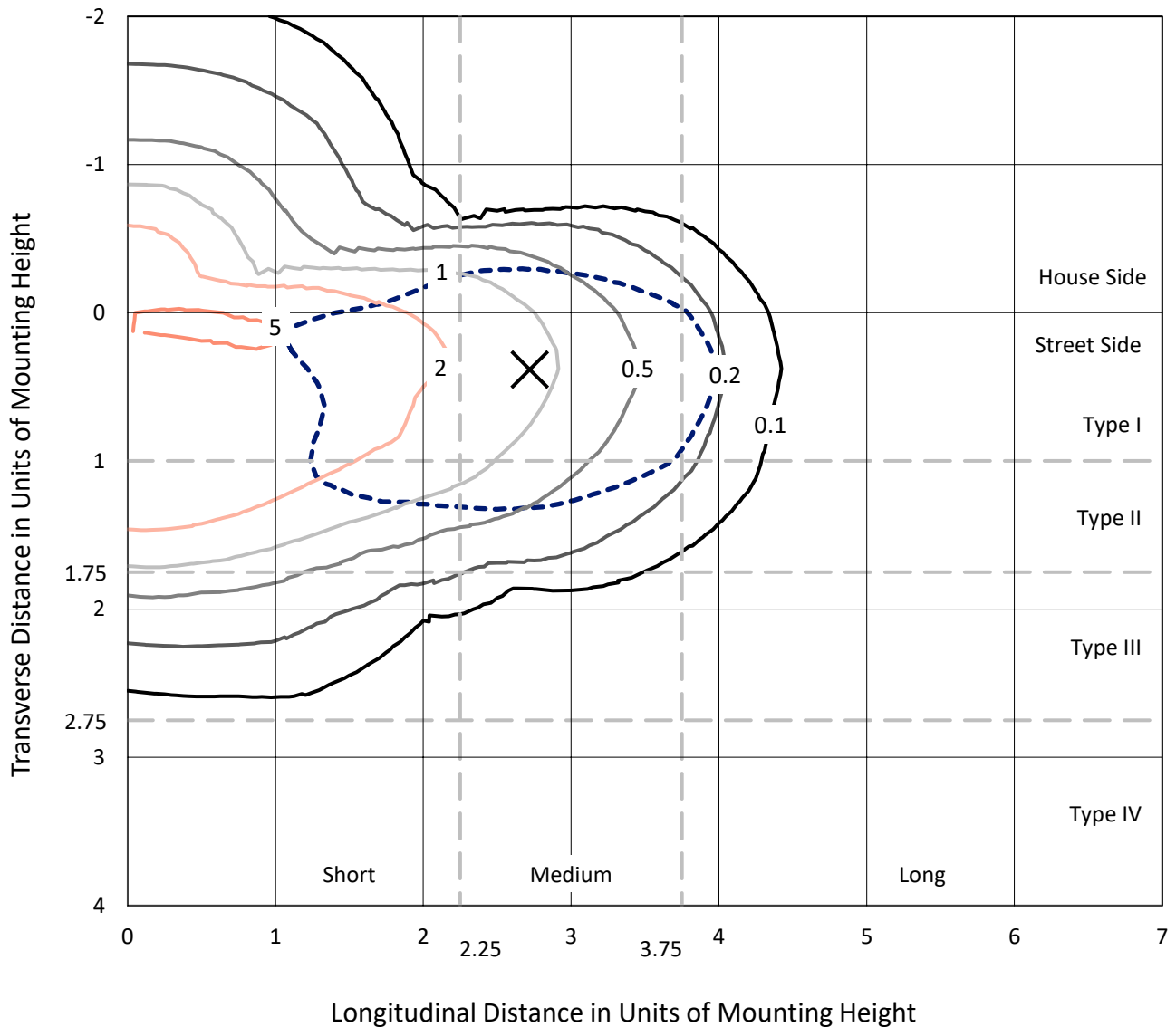
Input Watts (W): 170.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P849096  
 CATALOG NUMBER: GLAN-SB6A-722-U-T2

### Iso-Footcandle Lines of Horizontal Illumination

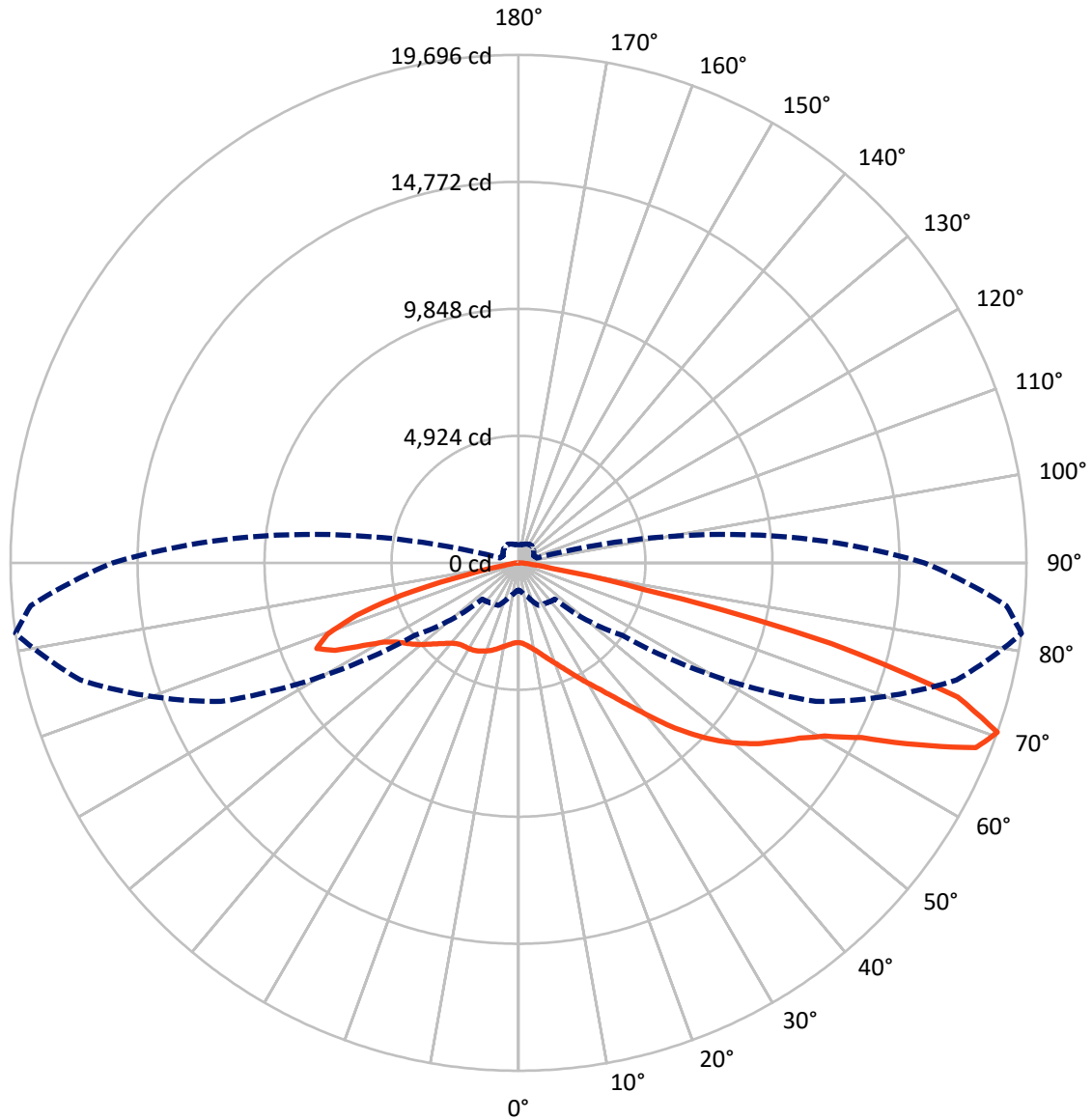
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 fc  
 Type II - Medium - N/A

REPORT NUMBER: P849096  
CATALOG NUMBER: GLAN-SB6A-722-U-T2

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P849096  
 CATALOG NUMBER: GLAN-SB6A-722-U-T2

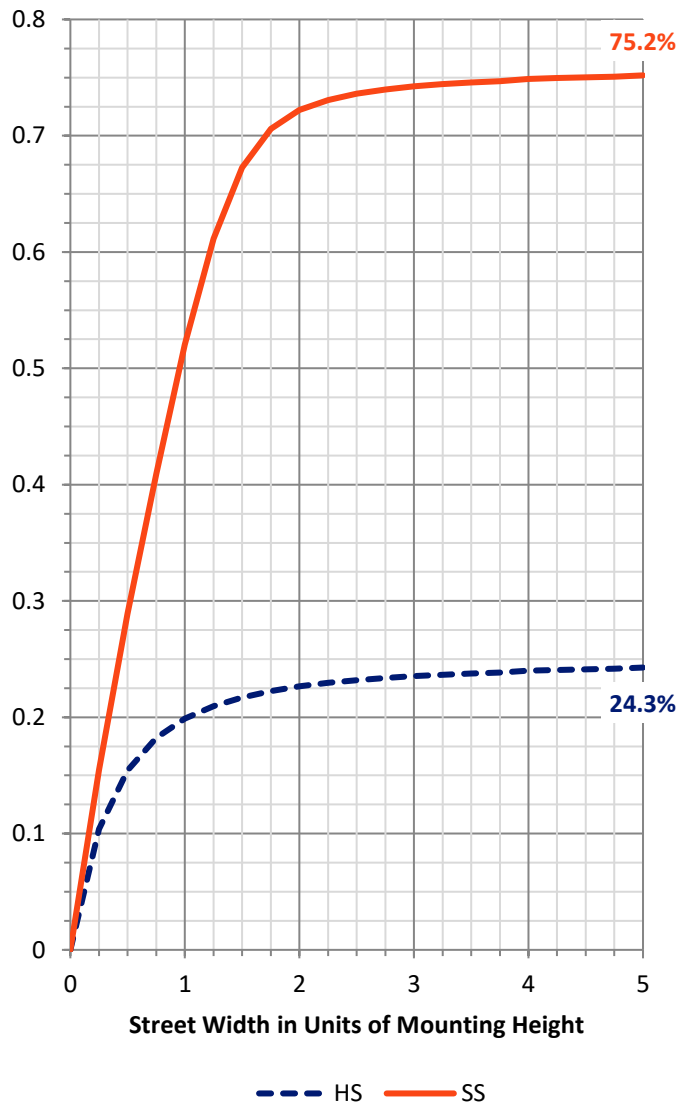
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5196.0	0.0	5196.0
	% Fixture	24.7	0.0	24.7
<b>Street Side</b>	Lumens	15881.0	0.0	15881.0
	% Fixture	75.3	0.0	75.3
<b>Total</b>	Lumens	21077.0	0.0	21077.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	291.8	1.4
10°-20°	838.3	4.0
20°-30°	1402.3	6.7
30°-40°	2190.8	10.4
40°-50°	3489.1	16.6
50°-60°	4855.5	23.0
60°-70°	5079.1	24.1
70°-80°	2654.6	12.6
80°-90°	275.6	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°	21077.0	100.0
0°-180°	21077.0	100.0

**Coefficient of Utilization**

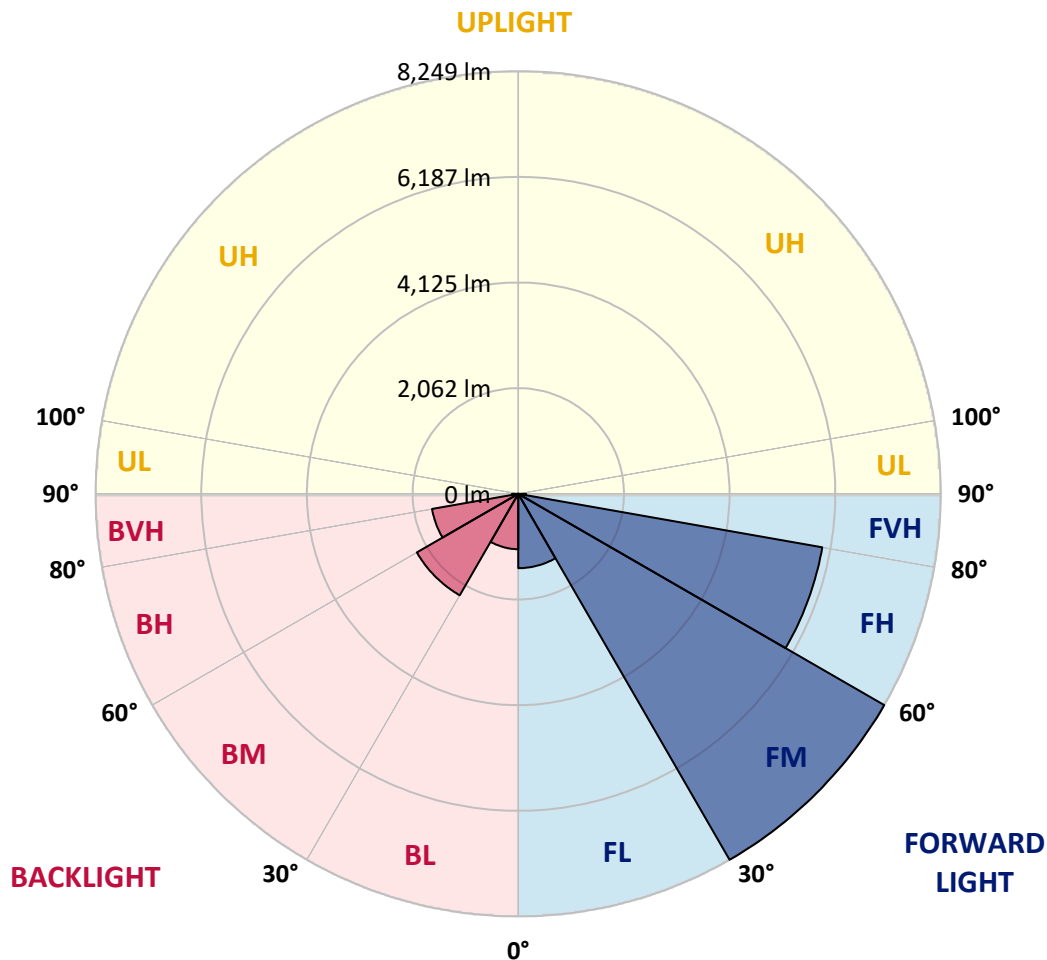


REPORT NUMBER: P849096  
 CATALOG NUMBER: GLAN-SB6A-722-U-T2

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1451.4	6.9			
FM (30°-60°)	8249.3	39.1			
FH (60°-80°)	6026.0	28.6			G3/7500
FVH (80°-90°)	154.3	0.7			G2/225
BL (0°-30°)	1081.0	5.1	B3/2500		
BM (30°-60°)	2286.0	10.8	B2/2500		
BH (60°-80°)	1707.7	8.1	B3/2500		G3/2500
BVH (80°-90°)	121.3	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-G3**  
 Type II Medium



REPORT NUMBER: P849096  
 CATALOG NUMBER: GLAN-SB6A-722-U-T2

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2
2.5°	3164.0	3181.9	3176.3	3170.7	3170.7	3162.8	3161.7	3150.5	3141.6	3127.1
5°	3204.2	3223.2	3221.0	3225.5	3240.0	3243.4	3246.7	3240.0	3222.1	3204.2
7.5°	3168.4	3189.7	3196.4	3223.2	3268.0	3308.2	3338.4	3350.7	3334.0	3308.2
10°	3047.7	3071.1	3094.6	3158.4	3237.8	3332.8	3413.4	3461.5	3458.1	3433.5
12.5°	2802.7	2827.3	2877.7	3001.8	3147.2	3315.0	3464.8	3565.5	3600.1	3582.2
15°	2607.0	2628.3	2666.3	2793.8	2982.8	3237.8	3483.8	3679.6	3767.9	3757.8
17.5°	2601.4	2610.4	2633.8	2694.2	2839.6	3117.0	3463.7	3791.4	3960.3	3959.2
20°	2699.8	2703.2	2716.6	2728.9	2811.7	3025.3	3412.3	3884.2	4176.1	4176.1
22.5°	2836.3	2834.0	2847.5	2836.3	2876.5	3017.5	3379.8	3965.9	4416.6	4434.5
25°	3040.9	3029.8	3026.4	3000.7	3008.5	3090.2	3415.6	4058.7	4701.8	4738.7
27.5°	3313.8	3295.9	3283.6	3224.4	3204.2	3240.0	3525.2	4170.5	5019.4	5083.1
30°	3669.5	3637.1	3619.2	3516.3	3443.6	3449.2	3690.7	4319.3	5351.6	5454.5
32.5°	4154.9	4104.5	4056.5	3887.6	3754.5	3710.9	3904.4	4525.1	5711.7	5876.1
35°	4698.4	4658.2	4606.7	4346.1	4141.5	4040.8	4192.9	4812.5	6133.3	6393.9
37.5°	5221.8	5187.2	5211.8	4860.6	4596.6	4450.1	4570.9	5198.3	6653.4	7038.1
40°	5763.1	5736.3	5739.7	5404.1	5096.6	4932.2	5029.5	5682.6	7249.5	7804.2
42.5°	6351.4	6331.3	6264.2	5966.7	5621.1	5467.9	5557.4	6241.8	7889.2	8676.6
45°	7010.2	6997.9	6935.2	6594.1	6198.2	6026.0	6146.8	6859.2	8532.3	9497.5
47.5°	7579.4	7589.5	7581.7	7294.2	6883.8	6631.0	6775.3	7503.4	9130.7	10269.2
50°	7853.4	7906.0	7983.2	7893.7	7638.7	7381.5	7409.4	8125.2	9701.0	10992.8
52.5°	7710.3	7809.8	8020.1	8163.2	8261.7	8208.0	8133.0	8742.6	10237.9	11645.9
55°	7176.8	7316.6	7665.5	8011.1	8513.3	8903.6	9002.0	9427.0	10761.3	12220.8
57.5°	6204.9	6431.9	6745.1	7444.1	8289.6	9240.3	10015.3	10376.6	11316.0	12834.8
60°	4538.5	4842.7	5231.9	6272.0	7506.7	9060.2	10877.6	11835.0	12104.5	13630.0
62.5°	2904.5	3092.4	3450.3	4430.0	5849.3	8137.5	11141.5	13658.0	13441.0	14934.1
65°	1988.5	2109.3	2437.0	2987.3	3781.3	6057.3	10434.7	15024.6	15563.7	17000.9
67.5°	1445.0	1536.7	1816.3	2298.3	2463.8	3584.5	8097.2	14962.0	17627.2	19130.3
70°	1053.5	1118.4	1353.3	1816.3	1895.7	1994.1	4905.3	12718.5	17582.4	19696.2
72.5°	780.6	825.4	983.1	1409.2	1534.5	1346.6	2428.1	9243.6	15108.5	17815.1
75°	564.8	598.3	714.7	1078.1	1228.0	1025.6	1211.2	5401.9	10538.7	12531.7
77.5°	431.7	457.4	533.5	789.6	983.1	769.5	751.6	2485.1	4997.0	5021.6
80°	346.7	363.5	404.9	555.8	753.8	576.0	489.9	1003.2	1579.2	1336.5
82.5°	255.0	283.0	342.2	390.3	539.1	397.0	298.6	506.6	600.6	516.7
85°	145.4	164.4	206.9	279.6	344.5	242.7	171.1	224.8	279.6	229.3
87.5°	51.4	67.1	72.7	109.6	149.9	100.7	66.0	64.9	91.7	68.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P849096  
 CATALOG NUMBER: GLAN-SB6A-722-U-T2

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
3090.2	0°	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2	3090.2
3123.7	2.5°	3112.5	3106.9	3084.6	3054.4	3023.0	2992.9	2982.8	2961.5	2947.0	2939.2
3196.4	5°	3175.2	3157.3	3104.7	3037.6	2967.1	2891.1	2837.4	2788.2	2752.4	2718.8
3295.9	7.5°	3264.6	3233.3	3142.7	3025.3	2900.0	2773.6	2679.7	2608.1	2560.0	2528.7
3412.3	10°	3368.6	3320.5	3181.9	3006.3	2812.8	2631.6	2520.9	2459.4	2429.2	2412.4
3545.3	12.5°	3488.3	3420.1	3222.1	2962.7	2679.7	2472.8	2396.7	2378.8	2380.0	2381.1
3713.1	15°	3635.9	3540.9	3254.6	2867.6	2506.3	2350.9	2337.5	2366.5	2396.7	2411.3
3903.2	17.5°	3802.6	3668.4	3260.1	2711.0	2336.3	2272.6	2315.1	2377.7	2423.6	2443.7
4115.7	20°	3981.5	3798.1	3219.9	2489.6	2196.5	2208.8	2284.9	2365.4	2415.8	2441.5
4358.4	22.5°	4186.2	3936.8	3123.7	2256.9	2082.5	2139.5	2229.0	2307.3	2359.8	2385.6
4643.6	25°	4419.9	4092.2	2972.7	2061.2	1984.0	2061.2	2150.7	2215.6	2258.1	2281.5
4962.4	27.5°	4679.4	4254.4	2771.4	1905.8	1897.9	1980.7	2054.5	2104.8	2127.2	2145.1
5301.2	30°	4940.0	4402.0	2527.6	1788.3	1823.0	1901.3	1953.9	1976.2	1982.9	1986.3
5679.3	32.5°	5221.8	4529.5	2271.5	1691.0	1751.4	1824.1	1855.4	1865.5	1834.2	1812.9
6137.8	35°	5562.9	4666.0	2021.0	1613.9	1681.0	1743.6	1753.7	1744.7	1707.8	1664.2
6712.7	37.5°	5984.6	4836.0	1820.8	1559.1	1615.0	1656.4	1644.1	1641.8	1645.2	1593.7
7403.8	40°	6501.3	5057.4	1674.3	1516.6	1561.3	1570.2	1535.6	1554.6	1571.4	1493.1
8162.1	42.5°	7075.0	5324.7	1581.4	1487.5	1516.6	1495.3	1441.6	1462.9	1460.6	1357.7
8923.7	45°	7660.0	5615.5	1549.0	1466.2	1475.2	1432.7	1373.4	1379.0	1332.0	1239.2
9654.1	47.5°	8241.5	5927.5	1569.1	1448.3	1423.7	1375.6	1329.8	1305.2	1235.8	1166.5
10354.2	50°	8811.9	6255.2	1642.9	1412.5	1353.3	1325.3	1291.8	1248.1	1174.3	1115.0
11016.3	52.5°	9340.9	6585.2	1725.7	1353.3	1264.9	1281.7	1260.4	1210.1	1137.4	1077.0
11642.6	55°	9842.0	6915.1	1758.1	1271.6	1182.2	1243.7	1231.4	1138.5	1051.3	1002.1
12298.0	57.5°	10387.7	7312.1	1722.3	1167.6	1115.0	1200.0	1153.1	1050.2	999.9	962.9
13151.3	60°	11143.8	7935.1	1645.2	1039.0	1051.3	1135.2	1054.7	1012.2	957.4	916.0
14430.8	62.5°	12399.8	9097.1	1521.0	911.5	976.4	1039.0	1007.7	965.2	909.3	869.0
16618.4	65°	14256.3	10712.1	1287.3	812.0	892.5	945.1	957.4	914.9	856.7	814.2
18535.3	67.5°	15822.1	11725.4	974.1	729.2	806.4	869.0	903.7	862.3	800.8	759.4
18983.8	70°	15736.0	10989.4	743.7	647.6	730.3	794.1	838.8	806.4	740.4	701.2
17243.6	72.5°	13976.7	9193.3	601.7	564.8	653.1	715.8	769.5	744.9	677.8	639.7
12632.4	75°	10268.1	6525.9	480.9	480.9	557.0	634.1	693.4	677.8	616.2	589.4
5303.5	77.5°	4328.2	2737.9	376.9	399.3	463.0	544.7	618.5	624.1	570.4	603.9
1402.5	80°	1150.8	754.9	287.4	314.3	363.5	449.6	538.0	535.7	477.6	446.2
521.2	82.5°	438.4	297.5	204.7	221.4	262.8	344.5	426.1	439.5	381.4	329.9
204.7	85°	168.9	127.5	126.4	133.1	153.2	228.2	322.1	333.3	287.4	243.8
57.0	87.5°	43.6	38.0	47.0	44.7	70.5	121.9	184.5	191.2	175.6	101.8
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°
3090.2
2948.1
2732.3
2535.4
2416.9
2383.3
2410.2
2448.2
2448.2
2392.3
2288.3
2151.8
1994.1
1819.6
1666.4
1597.1
1495.3
1356.6
1242.5
1166.5
1110.6
1078.1
997.6
959.6
913.7
869.0
816.4
760.5
704.6
639.7
581.6
548.0
414.9
329.9
251.6
145.4
0.0

F REPORT)