

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: P850757

Luminaire Tested: **GLAN-SB8B-930-U-T3-HSS**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P850757  
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-SB8B-930-U-T3-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 90 CRI, 3000K, 450mA 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: 24092 lumens  
Efficiency: N/A  
Efficacy: 82.3 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

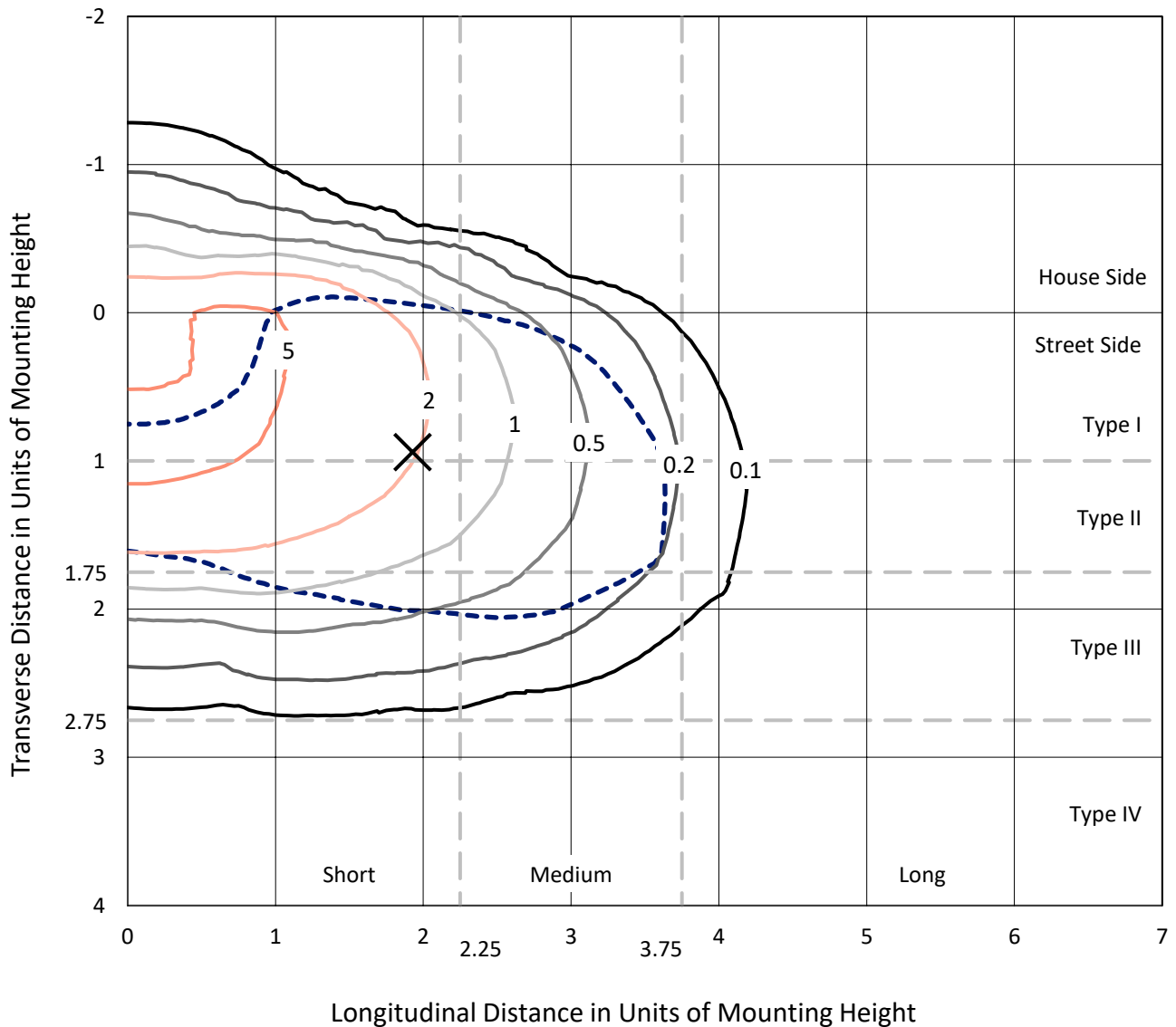
Input Watts (W): 292.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P850757  
 CATALOG NUMBER: GLAN-SB8B-930-U-T3-HSS

### Iso-Footcandle Lines of Horizontal Illumination

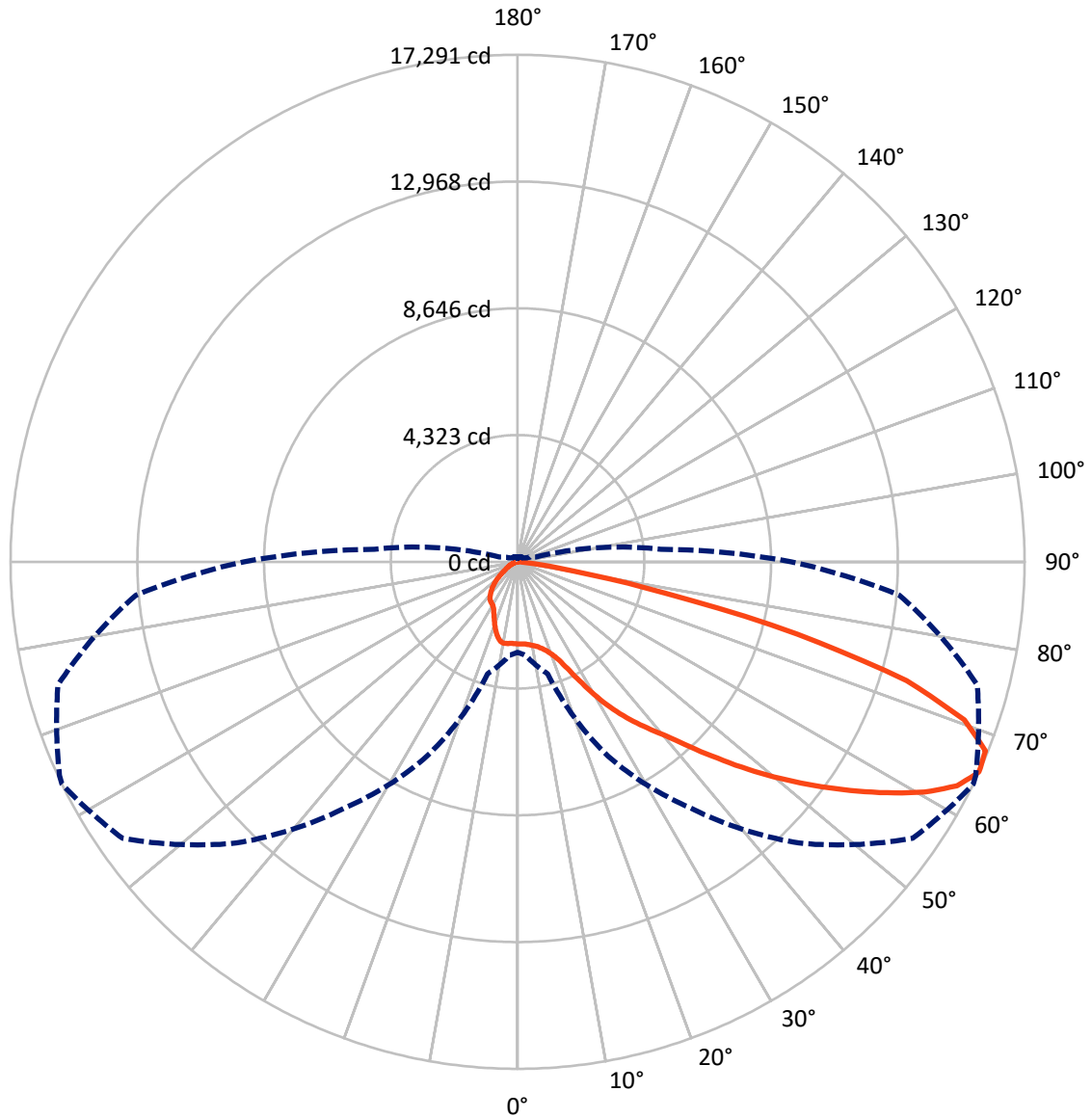
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 fc  
 Type III - Short - N/A

REPORT NUMBER: P850757  
CATALOG NUMBER: GLAN-SB8B-930-U-T3-HSS

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P850757  
 CATALOG NUMBER: GLAN-SB8B-930-U-T3-HSS

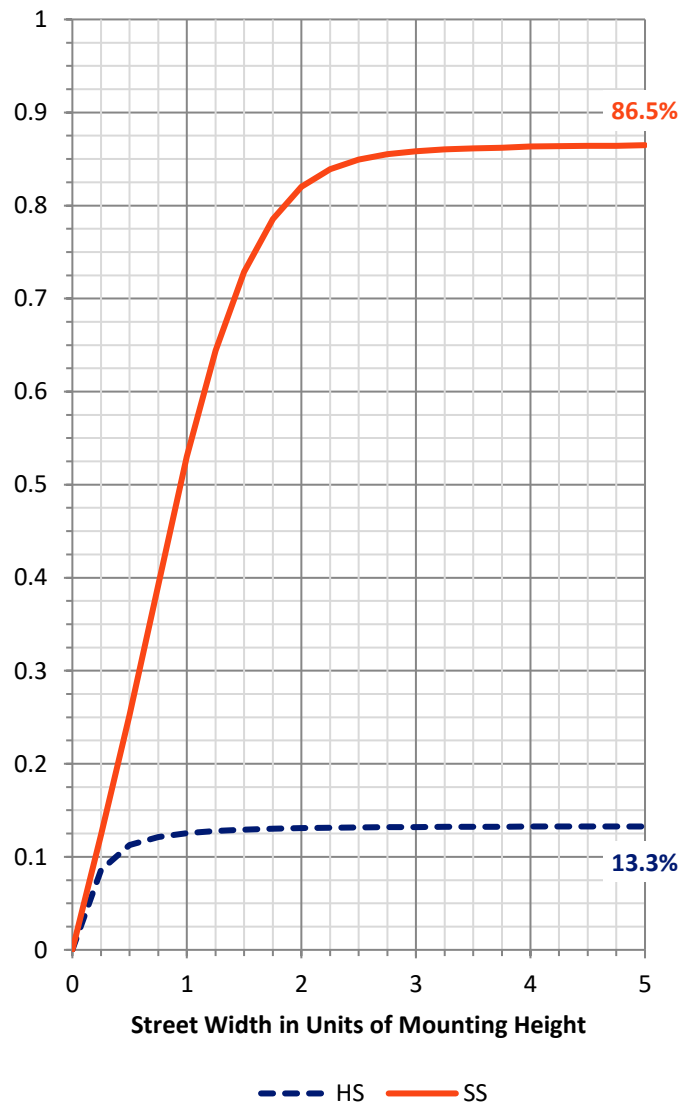
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3221.8	0.0	3221.8
	% Fixture	13.4	0.0	13.4
<b>Street Side</b>	Lumens	20870.2	0.0	20870.2
	% Fixture	86.6	0.0	86.6
<b>Total</b>	Lumens	24092.0	0.0	24092.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	258.5	1.1
10°-20°	701.2	2.9
20°-30°	1328.7	5.5
30°-40°	2688.7	11.2
40°-50°	4580.2	19.0
50°-60°	6228.7	25.9
60°-70°	5849.1	24.3
70°-80°	2343.4	9.7
80°-90°	113.5	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°	24092.0	100.0
0°-180°	24092.0	100.0

**Coefficient of Utilization**

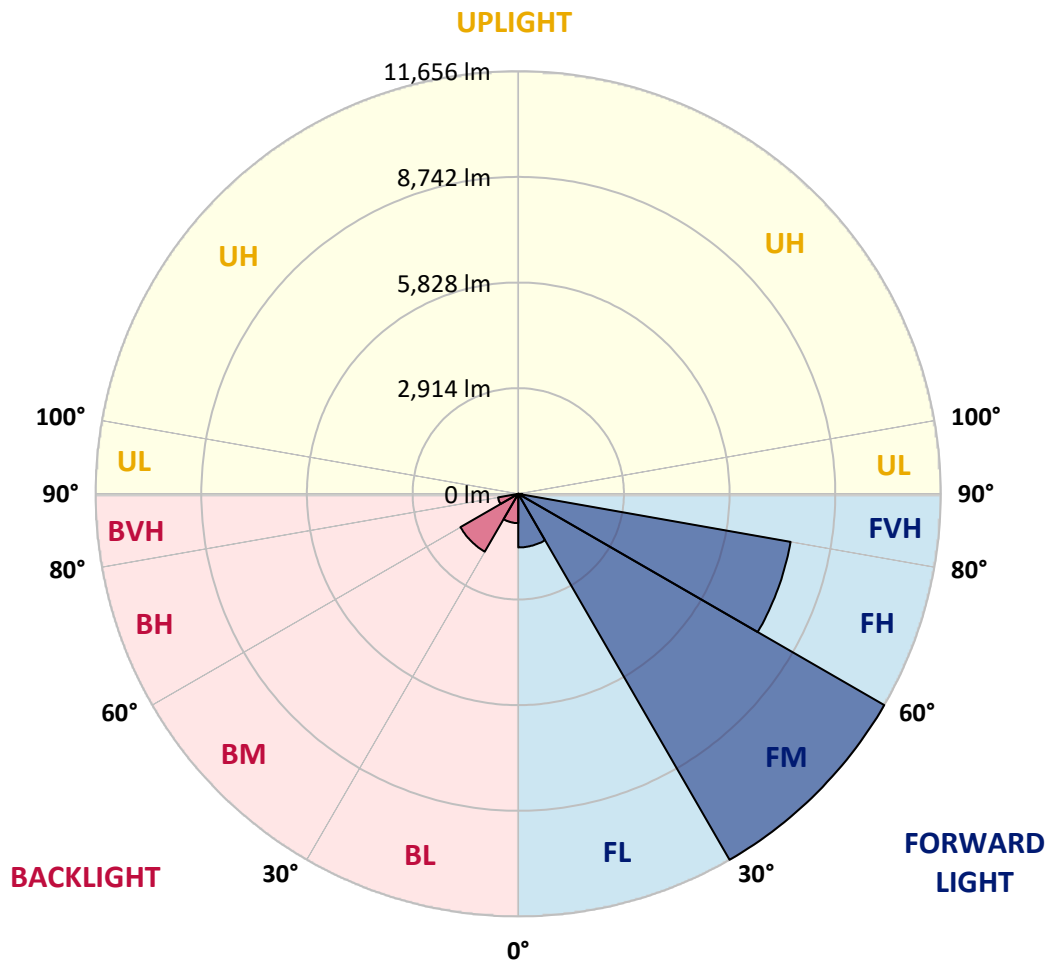


REPORT NUMBER: P850757  
 CATALOG NUMBER: GLAN-SB8B-930-U-T3-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1479.5	6.1			
FM (30°-60°)	11655.7	48.4			
FH (60°-80°)	7627.0	31.7			G4/12000
FVH (80°-90°)	108.0	0.4			G2/225
BL (0°-30°)	808.9	3.4	B2/1000		
BM (30°-60°)	1841.9	7.6	B2/2500		
BH (60°-80°)	565.5	2.3	B2/1000		G2/1000
BVH (80°-90°)	5.5	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: P850757  
 CATALOG NUMBER: GLAN-SB8B-930-U-T3-HSS

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1
2.5°	2792.5	2811.8	2807.0	2802.1	2800.5	2803.8	2805.4	2803.8	2803.8	2803.8
5°	2739.2	2755.3	2755.3	2766.6	2782.8	2802.1	2816.7	2819.9	2823.1	2828.0
7.5°	2637.4	2650.3	2660.0	2697.2	2737.5	2789.2	2832.8	2855.4	2858.7	2876.4
10°	2568.0	2584.1	2600.3	2639.0	2697.2	2774.7	2849.0	2903.9	2912.0	2954.0
12.5°	2564.7	2580.9	2601.9	2643.9	2711.7	2794.1	2884.5	2963.7	2978.2	3039.6
15°	2598.7	2618.0	2637.4	2689.1	2761.8	2861.9	2958.8	3057.3	3071.9	3159.1
17.5°	2668.1	2693.9	2708.5	2760.2	2837.7	2949.1	3076.7	3189.8	3202.7	3304.4
20°	2805.4	2836.1	2840.9	2882.9	2958.8	3078.3	3230.1	3370.7	3386.8	3503.1
22.5°	3089.6	3133.2	3094.5	3115.5	3183.3	3302.8	3467.6	3645.2	3667.8	3800.3
25°	3590.3	3651.7	3551.5	3516.0	3545.1	3669.4	3876.2	4100.7	4126.5	4233.1
27.5°	4573.9	4494.7	4342.9	4194.3	4107.1	4178.2	4410.8	4688.6	4720.9	4824.2
30°	5654.4	5584.9	5379.8	5050.3	4843.6	4832.3	5047.1	5357.2	5394.3	5492.9
32.5°	6736.5	6670.2	6447.4	6042.0	5683.4	5505.8	5654.4	5998.4	6017.8	6080.7
35°	7800.8	7733.0	7510.1	7095.0	6654.1	6250.3	6221.3	6608.9	6615.3	6681.6
37.5°	8871.6	8815.1	8577.6	8170.6	7736.2	7179.0	6909.3	7187.1	7195.1	7259.7
40°	9635.5	9659.7	9496.6	9181.7	8808.6	8199.7	7681.3	7802.4	7754.0	7862.2
42.5°	10291.2	10339.7	10197.6	10039.3	9822.9	9286.7	8637.4	8616.4	8538.9	8597.0
45°	10858.1	10898.5	10770.9	10733.8	10728.9	10352.6	9682.4	9556.4	9448.2	9436.9
47.5°	11066.5	11144.0	11198.9	11323.3	11565.5	11407.3	10762.8	10567.4	10446.3	10357.5
50°	11145.6	11228.0	11415.3	11777.1	12350.5	12418.3	11838.5	11618.8	11470.2	11308.7
52.5°	11039.0	11186.0	11437.9	12046.8	12878.6	13229.1	12870.5	12678.3	12508.7	12245.5
55°	10410.8	10557.7	11072.9	12043.6	13141.8	13797.6	13846.0	13760.4	13569.8	13154.8
57.5°	9086.4	9304.4	10120.0	11633.4	13137.0	14286.9	14802.1	14863.5	14650.3	14056.0
60°	7251.7	7547.2	8542.1	10724.1	12731.6	14551.8	15640.4	15947.2	15721.1	14944.3
62.5°	5060.0	5402.4	6344.0	9299.6	11804.6	14361.2	16252.5	16819.4	16648.2	15738.9
65°	3086.4	3196.2	3955.3	7317.9	10228.3	13563.4	16441.4	17291.0	17234.4	16225.0
67.5°	2056.0	2148.0	2366.1	5018.0	7939.7	11969.3	15989.2	17208.6	17224.7	16145.9
70°	1238.8	1317.9	1460.0	2918.4	5145.6	9474.0	14588.9	16158.8	16252.5	15088.0
72.5°	510.4	563.7	692.9	1322.7	2664.9	6012.9	11617.2	13873.5	14091.5	12686.4
75°	289.1	316.6	407.0	663.8	1156.4	2802.1	7036.9	9848.7	10170.1	8744.0
77.5°	192.2	205.1	263.3	429.6	650.9	956.1	3007.3	5131.1	5744.8	4775.8
80°	129.2	140.5	180.9	287.5	423.1	410.2	957.7	1900.9	2338.6	1640.9
82.5°	87.2	88.8	129.2	189.0	268.1	198.7	282.6	591.1	742.9	474.8
85°	50.1	48.5	95.3	109.8	119.5	82.4	85.6	177.7	232.6	200.3
87.5°	6.5	9.7	37.1	29.1	16.2	17.8	17.8	30.7	45.2	48.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P850757  
 CATALOG NUMBER: GLAN-SB8B-930-U-T3-HSS

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2802.1	0°	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1	2802.1
2805.4	2.5°	2805.4	2803.8	2798.9	2794.1	2782.8	2776.3	2779.5	2776.3	2774.7	2776.3
2826.4	5°	2826.4	2821.5	2808.6	2792.5	2769.8	2742.4	2724.6	2698.8	2674.6	2660.0
2882.9	7.5°	2882.9	2878.1	2860.3	2815.1	2742.4	2627.7	2522.7	2430.7	2361.2	2320.9
2973.3	10°	2973.3	2965.3	2937.8	2837.7	2647.1	2396.8	2188.4	2015.6	1902.6	1849.3
3079.9	12.5°	3079.9	3070.3	3021.8	2816.7	2466.2	2075.4	1787.9	1595.7	1490.7	1443.9
3202.7	15°	3205.9	3193.0	3097.7	2716.6	2203.0	1720.1	1456.8	1313.1	1245.2	1203.2
3359.3	17.5°	3362.6	3340.0	3154.2	2566.3	1917.1	1448.7	1253.3	1145.1	1085.3	1045.0
3564.5	20°	3566.1	3528.9	3199.5	2387.1	1653.8	1277.5	1116.0	1025.6	980.3	944.8
3855.2	22.5°	3850.3	3797.0	3254.4	2193.3	1468.1	1159.6	1014.3	948.0	910.9	870.5
4260.6	25°	4202.4	4139.4	3322.2	2014.0	1340.5	1057.9	940.0	885.1	841.5	794.6
4791.9	27.5°	4695.0	4582.0	3403.0	1867.0	1230.7	970.7	872.1	810.8	760.7	721.9
5394.3	30°	5244.1	5058.4	3474.0	1778.2	1130.6	889.9	783.3	721.9	675.1	647.6
5935.4	32.5°	5764.2	5512.2	3520.9	1739.4	1040.1	797.8	686.4	620.2	584.7	576.6
6465.1	35°	6255.2	5922.5	3516.0	1702.3	959.4	705.8	591.1	523.3	495.8	500.7
7035.3	37.5°	6820.4	6360.2	3482.1	1644.1	893.1	621.8	508.7	449.0	424.8	426.4
7728.1	40°	7477.8	6865.7	3461.1	1534.3	820.5	544.3	440.9	392.5	374.7	368.2
8458.1	42.5°	8178.7	7355.0	3464.3	1410.0	730.0	474.8	394.1	353.7	337.6	332.7
9270.5	45°	8882.9	7821.8	3469.2	1280.8	634.7	421.5	360.2	326.2	316.6	310.1
10094.2	47.5°	9545.1	8219.1	3378.7	1141.9	541.0	381.2	332.7	310.1	302.0	293.9
10921.1	50°	10162.0	8484.0	3160.7	980.3	466.8	348.9	311.7	295.6	287.5	279.4
11670.5	52.5°	10641.7	8526.0	2800.5	814.0	415.1	324.6	298.8	284.3	274.6	266.5
12276.2	55°	10854.9	8262.7	2288.6	658.9	374.7	303.6	285.9	271.3	260.0	252.0
12752.6	57.5°	10800.0	7708.7	1784.7	529.7	335.9	282.6	269.7	260.0	247.1	234.2
13138.6	60°	10530.3	6967.4	1345.4	440.9	300.4	260.0	252.0	243.9	226.1	206.7
13287.2	62.5°	10063.5	6035.5	959.4	365.0	261.6	234.2	231.0	224.5	198.7	163.1
13067.5	65°	9349.7	4903.4	646.0	303.6	224.5	205.1	206.7	195.4	161.5	121.1
12263.2	67.5°	8306.3	3585.5	413.5	248.7	187.3	171.2	172.8	166.4	137.3	103.4
10738.6	70°	6977.1	2374.2	269.7	189.0	150.2	132.4	142.1	143.7	116.3	84.0
8241.7	72.5°	5114.9	1401.9	189.0	140.5	109.8	92.1	116.3	119.5	93.7	63.0
4958.3	75°	2915.2	665.4	142.1	101.7	67.8	64.6	90.4	90.4	64.6	42.0
2146.4	77.5°	1224.2	277.8	100.1	66.2	38.8	37.1	61.4	56.5	32.3	19.4
523.3	80°	353.7	124.4	53.3	32.3	16.2	14.5	24.2	17.8	8.1	3.2
198.7	82.5°	138.9	54.9	21.0	12.9	6.5	6.5	3.2	0.0	0.0	0.0
113.1	85°	82.4	22.6	9.7	4.8	1.6	0.0	0.0	0.0	0.0	0.0
24.2	87.5°	21.0	4.8	3.2	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/>
2802.1
2782.8
2663.3
2322.5
1844.4
1439.0
1204.8
1041.7
938.4
864.1
789.8
713.9
642.8
581.4
500.7
432.8
366.6
331.1
310.1
293.9
279.4
264.9
250.3
232.6
203.5
159.9
117.9
98.5
80.8
59.8
38.8
19.4
3.2
0.0
0.0
0.0
0.0

F REPORT)