

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: P849263

Luminaire Tested: **GLAN-SB6B-722-U-SL4**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849263  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6B-722-U-SL4  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV SPILL  
LIGHT ELIMINATOR OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 26469 lumens  
Efficiency: N/A  
Efficacy: 120.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G4

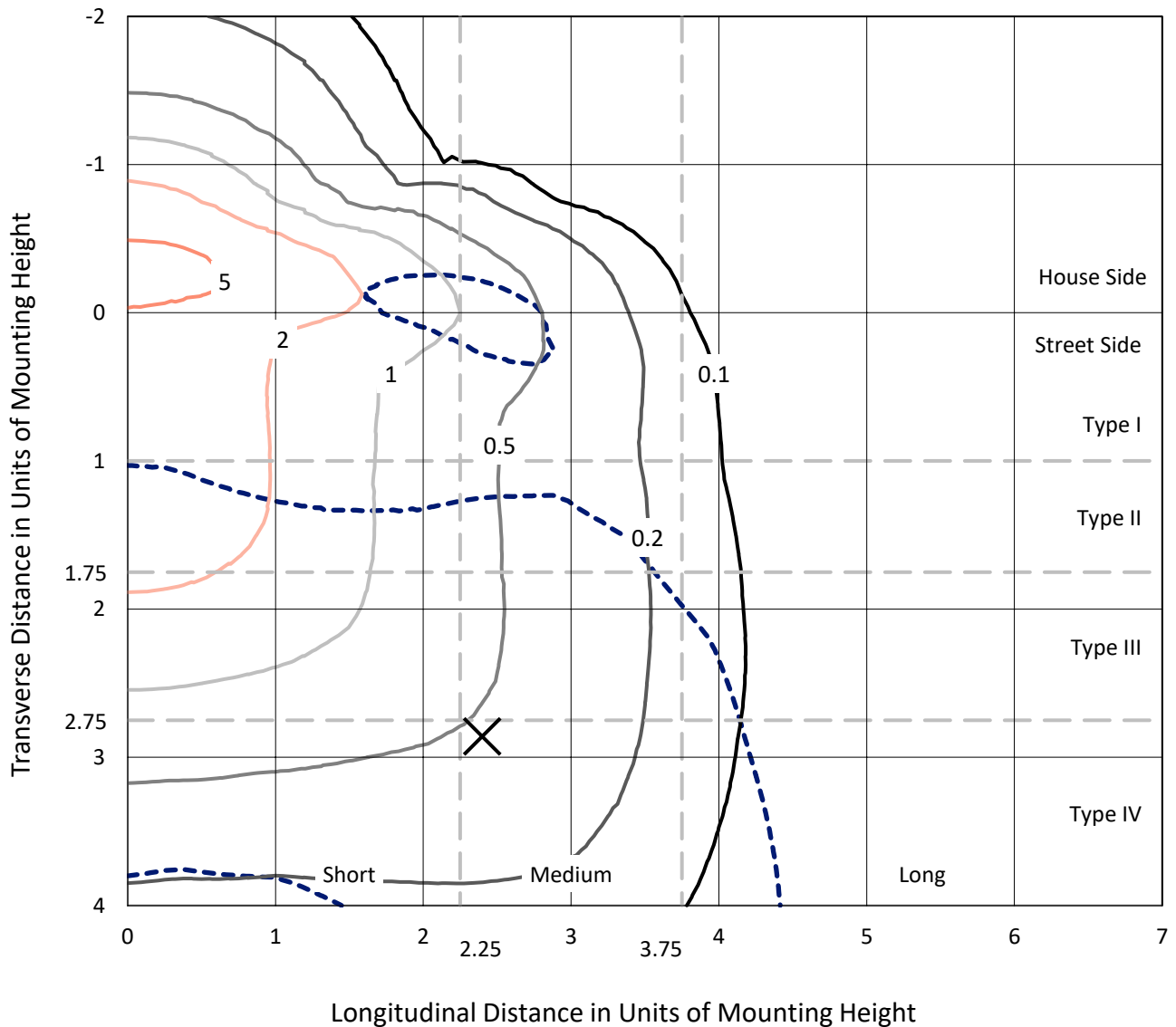
Input Watts (W): 220.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P849263  
 CATALOG NUMBER: GLAN-SB6B-722-U-SL4

### Iso-Footcandle Lines of Horizontal Illumination

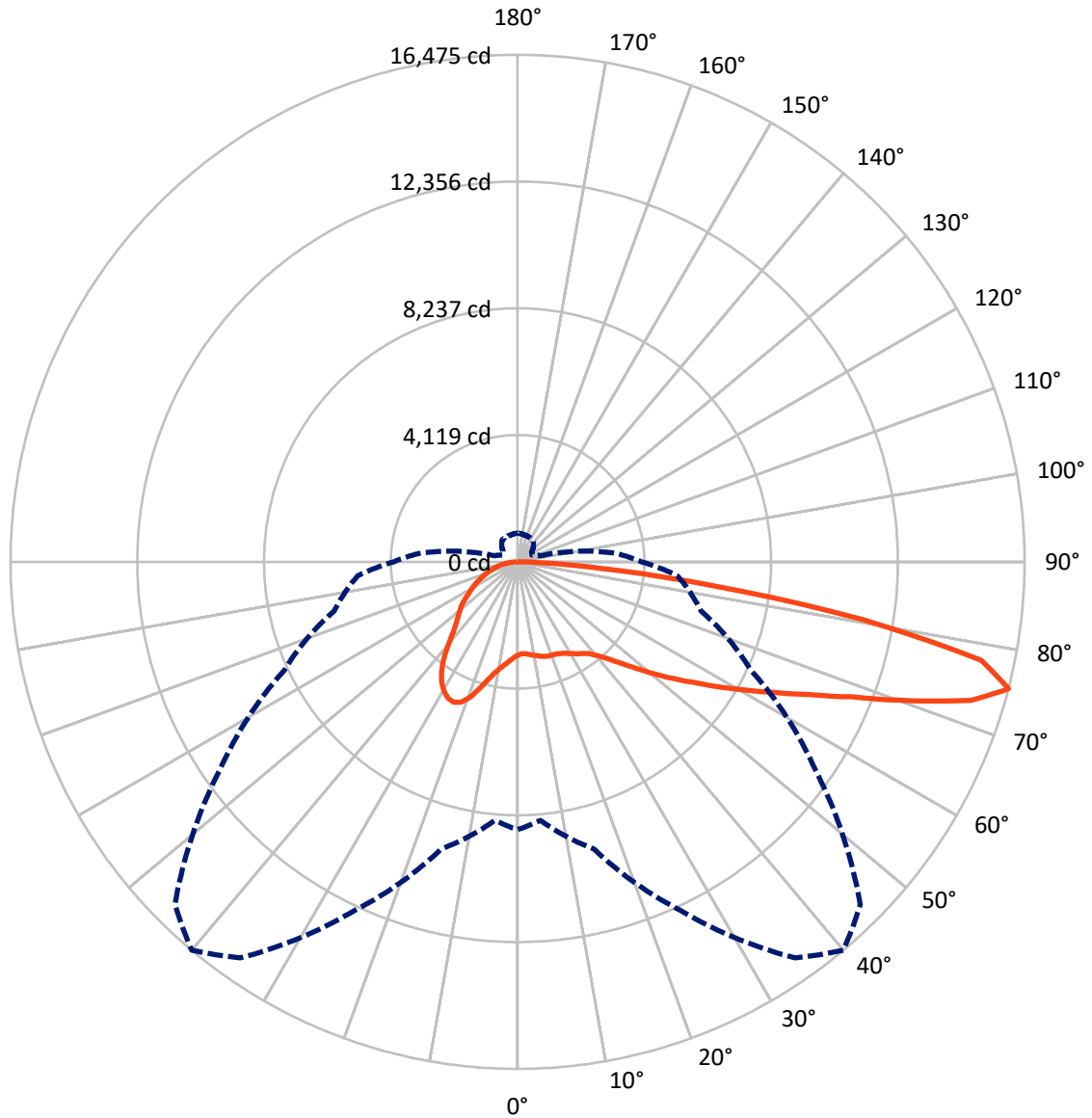
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.3 fc  
 Type IV - Medium - N/A

REPORT NUMBER: P849263  
CATALOG NUMBER: GLAN-SB6B-722-U-SL4

### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral      - - - Horizontal Cone Through 75-Deg Vertical

REPORT NUMBER: P849263  
 CATALOG NUMBER: GLAN-SB6B-722-U-SL4

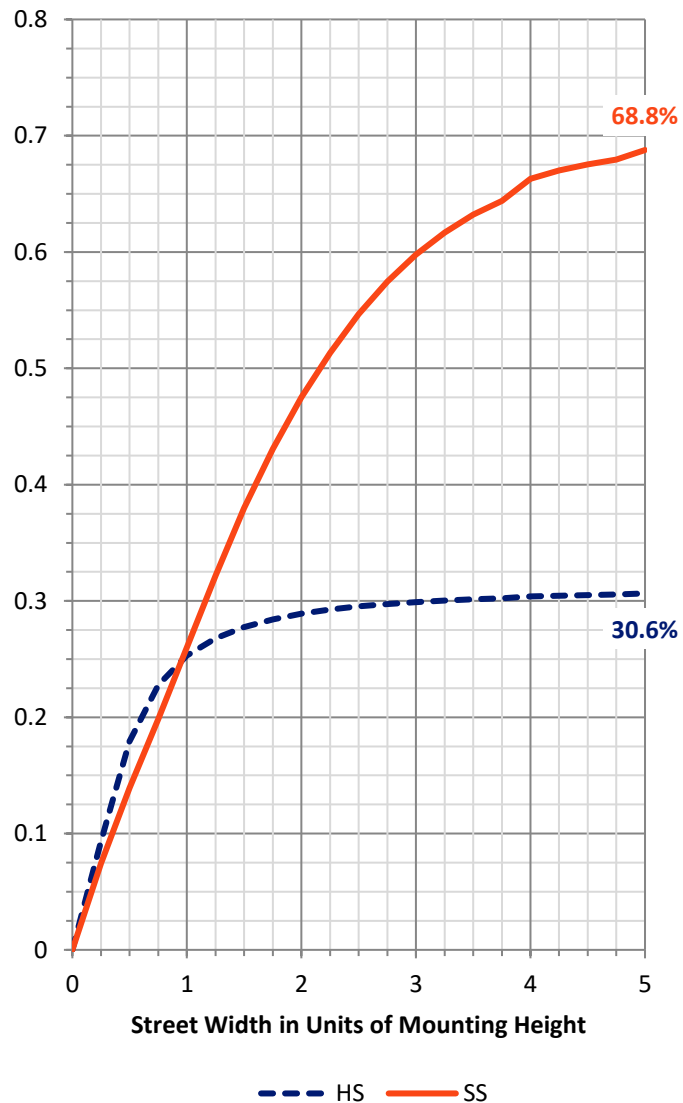
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8201.0	0.0	8201.0
	% Fixture	31.0	0.0	31.0
<b>Street Side</b>	Lumens	18268.0	0.0	18268.0
	% Fixture	69.0	0.0	69.0
<b>Total</b>	Lumens	26469.0	0.0	26469.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	302.1	1.1
10°-20°	1014.4	3.8
20°-30°	1852.2	7.0
30°-40°	2626.9	9.9
40°-50°	3547.1	13.4
50°-60°	4771.8	18.0
60°-70°	6056.5	22.9
70°-80°	5496.7	20.8
80°-90°	801.2	3.0
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°	26469.0	100.0
0°-180°	26469.0	100.0

**Coefficient of Utilization**

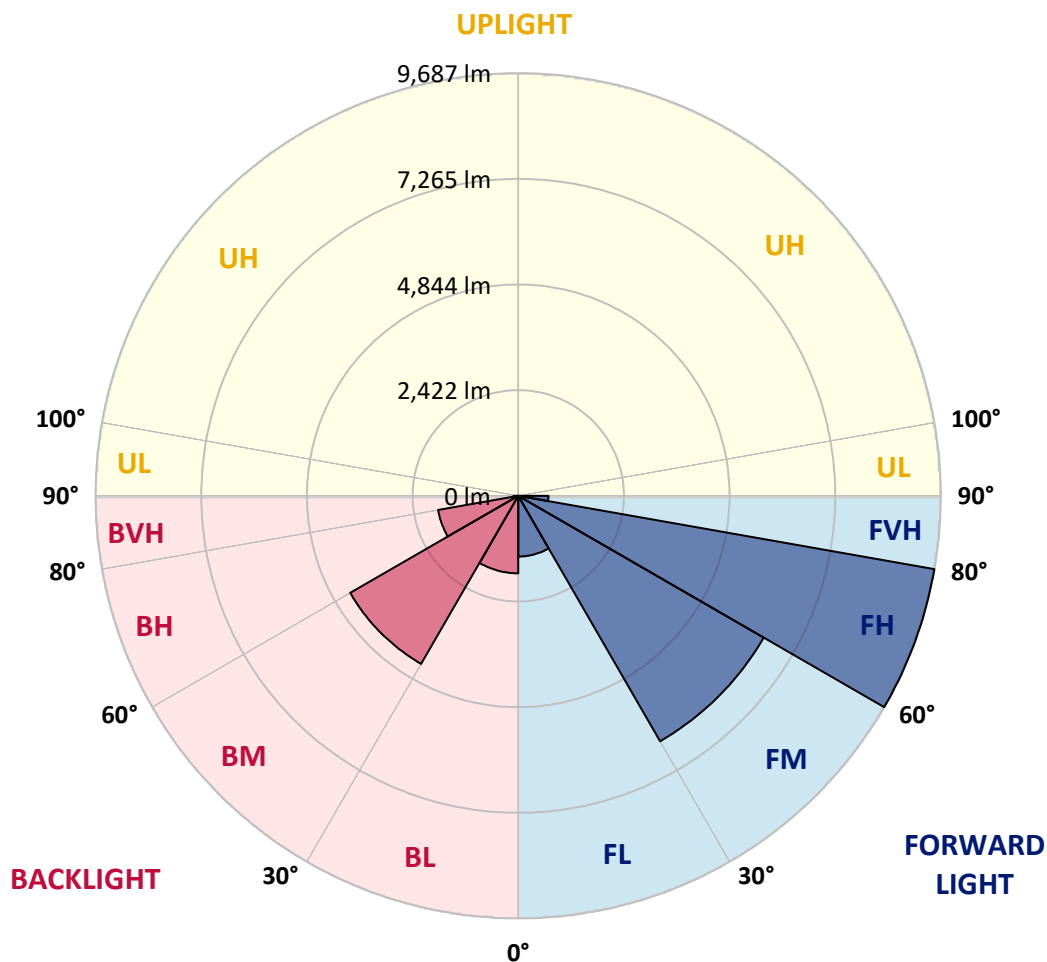


REPORT NUMBER: P849263  
 CATALOG NUMBER: GLAN-SB6B-722-U-SL4

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1392.3	5.3			
FM (30°-60°)	6497.5	24.5			
FH (60°-80°)	9687.2	36.6			G4/12000
FVH (80°-90°)	690.9	2.6			G4/750
BL (0°-30°)	1776.4	6.7	B3/2500		
BM (30°-60°)	4448.3	16.8	B3/5000		
BH (60°-80°)	1866.0	7.0	B3/2500		G3/2500
BVH (80°-90°)	110.3	0.4			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 IV Medium



REPORT NUMBER: P849263  
 CATALOG NUMBER: GLAN-SB6B-722-U-SL4

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8
2.5°	2980.4	2997.3	2993.1	2987.5	2987.5	2988.9	2987.5	2997.3	3007.1	3016.9
5°	3011.3	3028.2	3019.7	3012.7	3007.1	3005.7	3001.5	3000.1	3005.7	3018.3
7.5°	3071.7	3088.5	3075.9	3063.3	3052.0	3046.4	3040.8	3032.4	3028.2	3035.2
10°	3139.1	3155.9	3140.5	3118.0	3099.8	3092.7	3087.1	3078.7	3073.1	3077.3
12.5°	3206.5	3223.3	3202.3	3171.4	3147.5	3143.3	3136.3	3133.5	3132.1	3130.7
15°	3269.6	3283.7	3257.0	3220.5	3195.2	3188.2	3181.2	3185.4	3192.4	3200.8
17.5°	3318.8	3332.8	3293.5	3245.8	3221.9	3219.1	3214.9	3228.9	3248.6	3269.6
20°	3363.7	3377.7	3327.2	3262.6	3234.5	3234.5	3235.9	3265.4	3293.5	3324.4
22.5°	3426.9	3438.1	3376.3	3287.9	3247.2	3250.0	3261.2	3290.7	3325.8	3367.9
25°	3520.9	3529.4	3453.5	3335.6	3289.3	3297.7	3307.5	3321.6	3355.3	3404.4
27.5°	3672.6	3679.6	3579.9	3419.9	3349.7	3363.7	3377.7	3367.9	3383.4	3425.5
30°	3885.9	3890.2	3763.8	3551.8	3452.1	3459.2	3462.0	3421.3	3391.8	3425.5
32.5°	4138.6	4137.2	3987.0	3711.9	3568.7	3561.6	3537.8	3457.8	3389.0	3418.4
35°	4530.3	4514.9	4321.1	3936.5	3700.6	3657.1	3601.0	3498.5	3403.0	3411.4
37.5°	5178.9	5131.2	4863.0	4304.3	3897.2	3786.3	3703.4	3564.5	3433.9	3408.6
40°	5910.3	5850.0	5555.2	4808.3	4192.0	4013.7	3880.3	3658.5	3484.4	3421.3
42.5°	6777.9	6692.3	6375.0	5402.1	4565.4	4307.1	4106.3	3777.8	3558.8	3462.0
45°	7843.5	7729.8	7280.5	6071.8	5035.7	4691.8	4423.6	3958.9	3672.6	3540.6
47.5°	8920.3	8948.3	8309.6	6838.3	5600.1	5166.3	4820.9	4231.3	3838.2	3666.9
50°	10064.4	10084.1	9333.0	7687.6	6240.2	5702.6	5267.4	4535.9	4068.4	3846.6
52.5°	10957.3	10960.1	10262.4	8576.3	6907.1	6292.2	5748.9	4884.1	4335.2	4085.3
55°	11516.0	11509.0	10913.8	9417.2	7673.6	6911.3	6282.4	5280.0	4660.9	4366.1
57.5°	11921.7	11900.7	11363.0	10140.2	8490.7	7642.7	6886.0	5729.2	5045.5	4700.2
60°	12076.2	12063.5	11667.6	10765.0	9349.8	8451.4	7582.4	6231.8	5482.2	5094.7
62.5°	12135.1	12159.0	11966.7	11370.0	10269.4	9347.0	8347.5	6832.7	5973.5	5541.1
65°	12342.9	12386.4	12347.1	12161.8	11308.3	10395.7	9362.5	7547.3	6509.8	6019.8
67.5°	12754.3	12797.8	12814.6	13109.4	12577.4	11702.7	10628.8	8437.3	7137.3	6516.8
70°	12744.4	12731.8	13029.4	13863.3	14166.6	13512.3	12335.9	9532.3	7885.6	6929.6
72.5°	11600.3	11499.2	12202.5	13854.9	15489.0	15402.0	14420.7	10944.6	8531.4	6980.1
75°	8702.7	8433.1	9675.5	12486.1	15709.4	16474.5	15745.9	11820.7	8378.4	6167.2
77.5°	3721.7	3450.7	4915.0	9243.1	14059.9	15400.6	14530.2	10312.9	6688.1	4078.3
80°	974.3	972.9	1485.3	4190.6	9561.8	11372.8	9977.4	6660.0	3821.4	1457.2
82.5°	402.9	393.1	546.1	1629.9	4672.1	6382.0	5208.4	2970.6	1380.0	394.5
85°	150.2	148.8	265.3	563.0	1648.2	2632.3	1905.1	759.5	344.0	192.3
87.5°	42.1	40.7	57.6	195.1	401.5	609.3	325.7	124.9	96.9	75.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P849263  
 CATALOG NUMBER: GLAN-SB6B-722-U-SL4

**CANDELA DISTRIBUTION (continued):**

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
3026.8	0°	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8	3026.8
3032.4	2.5°	3036.6	3043.6	3056.2	3066.1	3078.7	3092.7	3112.4	3125.0	3137.7	3146.1
3039.4	5°	3049.2	3064.7	3097.0	3129.2	3167.2	3202.3	3243.0	3272.4	3296.3	3303.3
3064.7	7.5°	3077.3	3102.6	3157.3	3212.1	3272.4	3330.0	3389.0	3439.5	3480.2	3495.7
3109.6	10°	3126.4	3160.1	3237.3	3314.6	3394.6	3483.0	3558.8	3631.8	3689.4	3713.3
3162.9	12.5°	3188.2	3230.3	3331.4	3438.1	3549.0	3671.1	3769.4	3859.3	3930.9	3963.2
3237.3	15°	3268.2	3323.0	3452.1	3595.3	3758.2	3928.1	4053.0	4152.7	4232.7	4272.0
3314.6	17.5°	3355.3	3428.3	3591.1	3807.3	4040.4	4263.6	4409.6	4482.6	4565.4	4603.3
3386.2	20°	3439.5	3529.4	3762.4	4076.9	4387.1	4624.4	4742.3	4762.0	4767.6	4771.8
3453.5	22.5°	3526.5	3647.3	3977.2	4416.6	4749.3	4913.6	4930.4	4846.2	4728.3	4673.5
3519.5	25°	3622.0	3782.1	4258.0	4791.4	5061.0	5080.6	4951.5	4746.5	4523.3	4420.8
3572.9	27.5°	3714.7	3937.9	4594.9	5149.4	5285.6	5112.9	4835.0	4544.4	4274.8	4166.7
3610.8	30°	3807.3	4116.2	4966.9	5462.5	5388.1	5032.9	4651.1	4326.8	4055.8	3942.1
3644.5	32.5°	3901.4	4324.0	5395.1	5688.5	5369.8	4863.0	4422.2	4082.5	3843.8	3724.5
3674.0	35°	4008.1	4579.5	5800.8	5812.1	5247.7	4613.1	4120.4	3790.5	3582.7	3487.2
3709.1	37.5°	4147.1	4903.8	6158.8	5842.9	5034.3	4246.7	3745.6	3445.1	3273.8	3230.3
3761.0	40°	4319.7	5294.0	6432.6	5793.8	4718.4	3801.7	3335.6	3095.6	2998.7	3008.5
3831.2	42.5°	4544.4	5730.6	6624.9	5667.5	4279.0	3342.6	2976.2	2869.5	2915.9	2955.2
3936.5	45°	4836.4	6184.1	6744.2	5452.7	3782.1	2953.8	2764.2	2789.5	2824.6	2828.8
4106.3	47.5°	5209.8	6643.2	6822.9	5128.4	3275.3	2680.0	2629.5	2635.1	2628.1	2598.6
4360.5	50°	5675.9	7089.6	6893.1	4698.8	2844.3	2508.7	2441.3	2421.7	2324.8	2229.4
4698.8	52.5°	6206.6	7499.5	6922.5	4165.3	2508.7	2365.5	2256.0	2132.5	1951.4	1921.9
5124.2	55°	6796.2	7878.6	6846.7	3509.7	2226.6	2181.6	2016.0	1867.2	1847.5	1822.2
5684.3	57.5°	7500.9	8287.1	6692.3	2778.3	1937.4	1966.8	1805.4	1822.2	1787.1	1747.8
6404.5	60°	8271.7	8709.7	6421.3	2111.4	1638.3	1698.7	1750.6	1749.2	1739.4	1707.1
7164.0	62.5°	8965.2	8987.6	5887.9	1617.3	1375.8	1490.9	1632.7	1631.3	1622.9	1604.6
7957.2	65°	9377.9	8945.5	4997.8	1273.3	1159.6	1319.6	1472.7	1483.9	1485.3	1483.9
8553.8	67.5°	9304.9	8452.8	3776.4	1013.6	981.3	1145.6	1314.0	1329.5	1340.7	1343.5
8629.7	70°	8479.4	7370.4	2462.4	808.6	822.7	992.5	1163.8	1179.3	1189.1	1200.3
7488.3	72.5°	6609.5	5419.0	1409.5	654.2	683.7	860.6	1015.0	1033.3	1038.9	1059.9
5211.2	75°	4027.7	3186.8	760.9	515.2	561.6	735.6	867.6	888.7	898.5	923.8
2559.3	77.5°	1914.9	1380.0	433.8	401.5	452.0	600.9	732.8	756.7	730.0	744.1
706.2	80°	647.2	512.4	273.8	306.0	345.4	468.9	586.8	610.7	554.5	551.7
234.4	82.5°	226.0	207.8	174.1	203.6	223.2	335.5	443.6	474.5	412.7	411.3
105.3	85°	88.4	84.2	96.9	110.9	133.4	206.4	292.0	307.4	254.1	205.0
30.9	87.5°	18.3	19.7	23.9	25.3	40.7	71.6	105.3	129.2	102.5	87.0
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°
3026.8
3140.5
3306.1
3497.1
3714.7
3963.2
4269.2
4601.9
4783.0
4689.0
4436.3
4179.4
3954.7
3739.9
3508.3
3261.2
3042.2
2991.7
2856.9
2621.0
2242.0
1931.7
1826.4
1740.8
1695.9
1597.6
1483.9
1346.3
1205.9
1068.4
926.6
732.8
546.1
391.7
202.2
80.0
0.0

F REPORT)