

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: P849567

Luminaire Tested: **GLAN-SB6C-930-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P849567
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-SB6C-930-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 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: 24029 lumens
Efficiency: N/A
Efficacy: 79.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G4

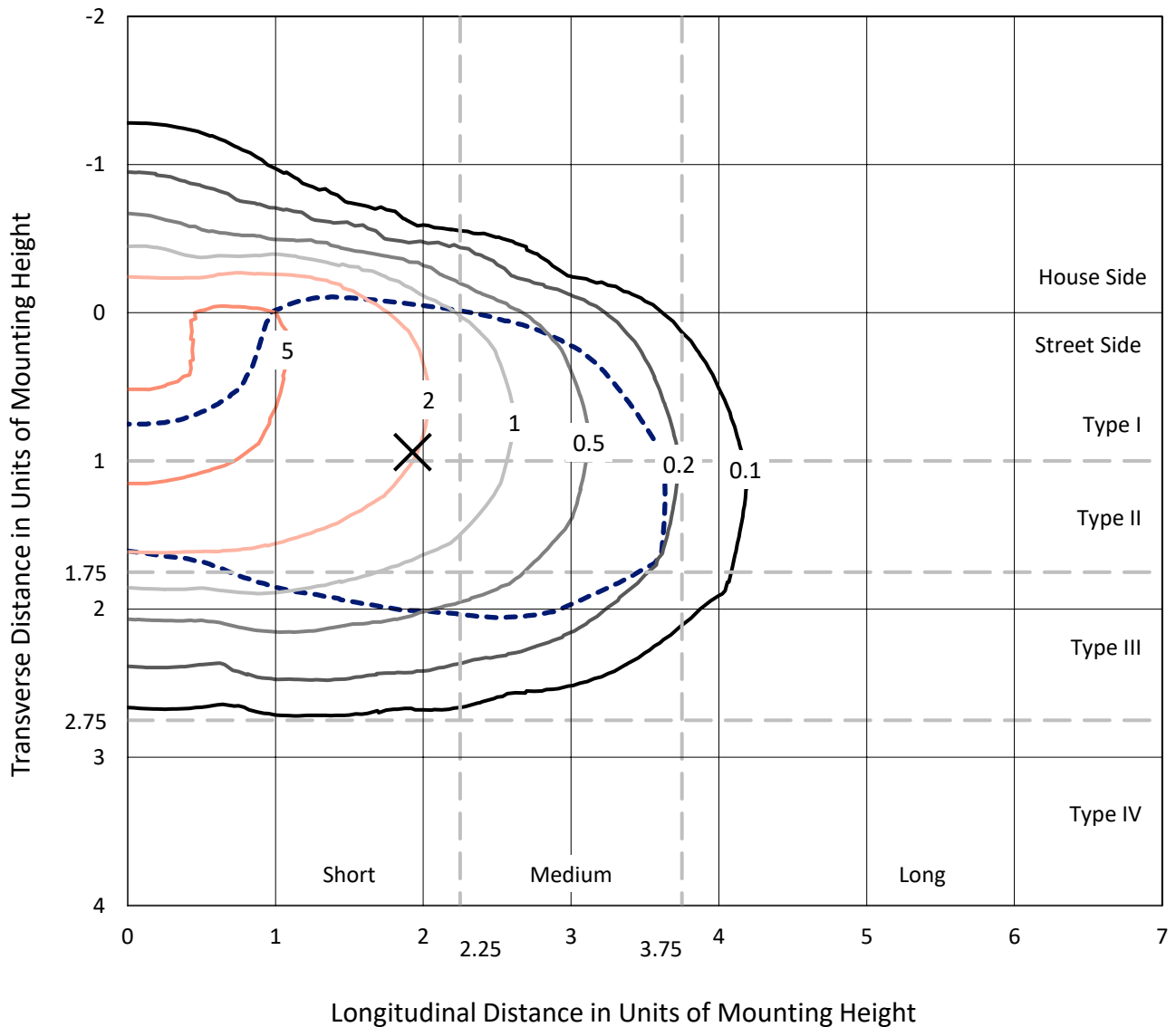
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P849567
 CATALOG NUMBER: GLAN-SB6C-930-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination

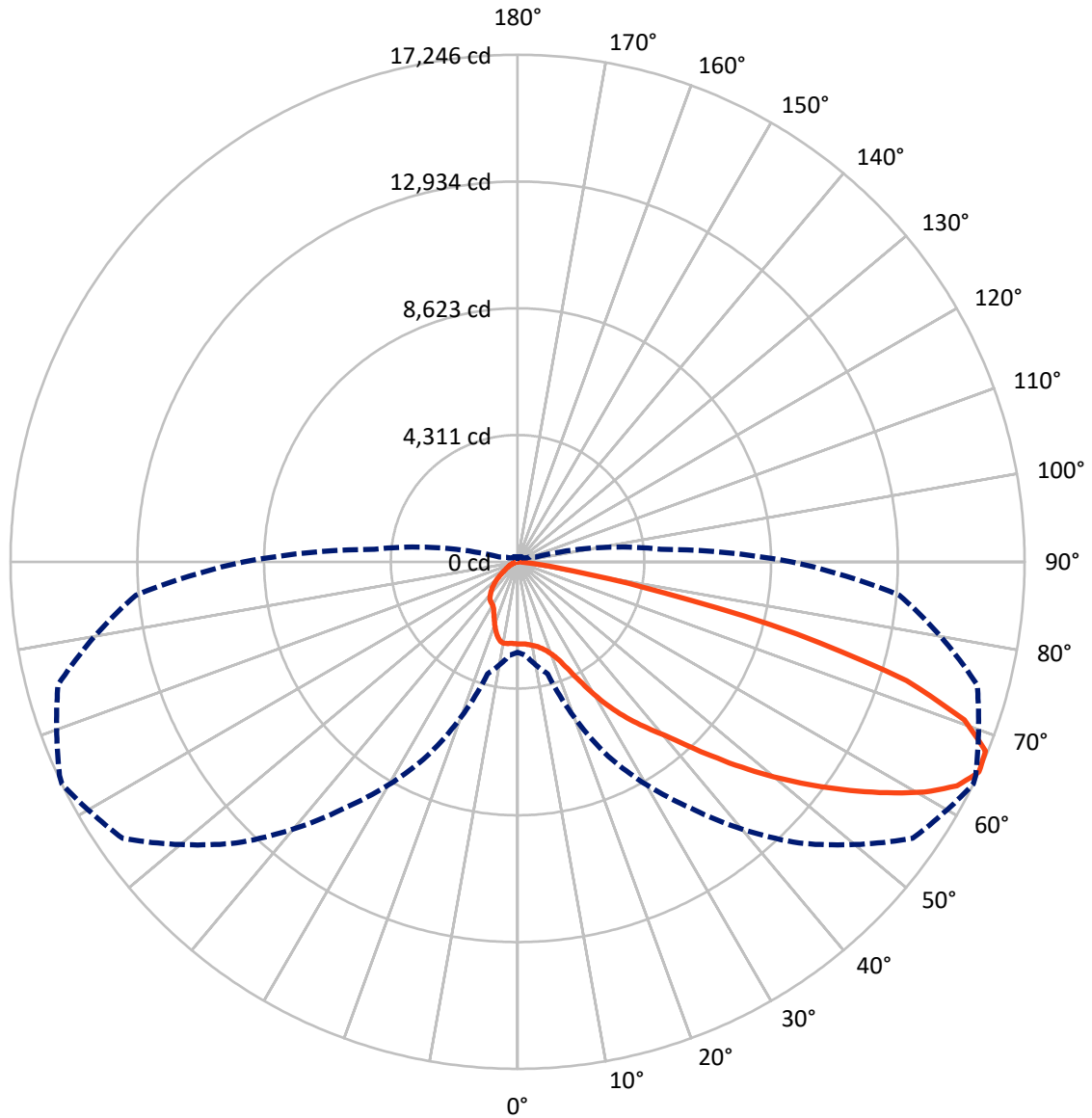
✕ Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P849567
CATALOG NUMBER: GLAN-SB6C-930-U-T3-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P849567
 CATALOG NUMBER: GLAN-SB6C-930-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3213.4	0.0	3213.4
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	20815.6	0.0	20815.6
	% Fixture	86.6	0.0	86.6
Total	Lumens	24029.0	0.0	24029.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.9	1.1
10°-20°	699.4	2.9
20°-30°	1325.2	5.5
30°-40°	2681.6	11.2
40°-50°	4568.2	19.0
50°-60°	6212.4	25.9
60°-70°	5833.8	24.3
70°-80°	2337.3	9.7
80°-90°	113.2	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°	24029.0	100.0
0°-180°	24029.0	100.0

Coefficient of Utilization



REPORT NUMBER: P849567

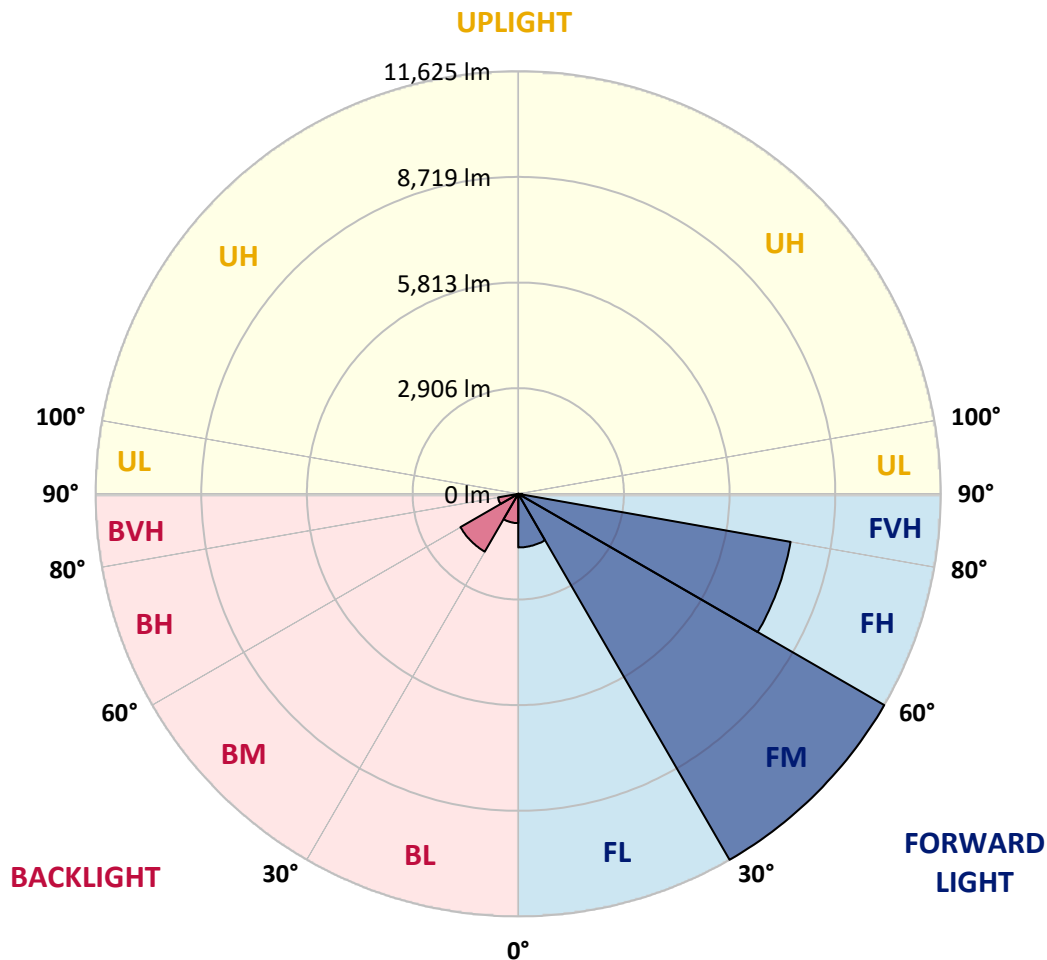
CATALOG NUMBER: GLAN-SB6C-930-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1475.7	6.1			
FM (30°-60°)	11625.2	48.4			
FH (60°-80°)	7607.0	31.7			G4/12000
FVH (80°-90°)	107.7	0.4			G2/225
BL (0°-30°)	806.8	3.4	B2/1000		
BM (30°-60°)	1837.1	7.6	B2/2500		
BH (60°-80°)	564.0	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: P849567
 CATALOG NUMBER: GLAN-SB6C-930-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8
2.5°	2785.2	2804.5	2799.7	2794.8	2793.2	2796.4	2798.0	2796.4	2796.4	2796.4
5°	2732.0	2748.1	2748.1	2759.4	2775.5	2794.8	2809.3	2812.5	2815.8	2820.6
7.5°	2630.5	2643.4	2653.1	2690.1	2730.4	2781.9	2825.4	2848.0	2851.2	2868.9
10°	2561.2	2577.4	2593.5	2632.1	2690.1	2767.4	2841.5	2896.3	2904.4	2946.2
12.5°	2558.0	2574.1	2595.1	2637.0	2704.6	2786.8	2877.0	2955.9	2970.4	3031.6
15°	2591.9	2611.2	2630.5	2682.1	2754.6	2854.4	2951.1	3049.3	3063.8	3150.8
17.5°	2661.1	2686.9	2701.4	2752.9	2830.3	2941.4	3068.7	3181.4	3194.3	3295.8
20°	2798.0	2828.7	2833.5	2875.4	2951.1	3070.3	3221.7	3361.8	3377.9	3493.9
22.5°	3081.6	3125.0	3086.4	3107.3	3175.0	3294.2	3458.5	3635.7	3658.2	3790.3
25°	3580.9	3642.1	3542.3	3506.8	3535.8	3659.8	3866.0	4089.9	4115.7	4222.0
27.5°	4561.9	4483.0	4331.6	4183.4	4096.4	4167.3	4399.2	4676.3	4708.5	4811.6
30°	5639.6	5570.3	5365.7	5037.1	4830.9	4819.7	5033.9	5343.2	5380.2	5478.5
32.5°	6718.8	6652.8	6430.5	6026.2	5668.6	5491.4	5639.6	5982.7	6002.0	6064.8
35°	7780.4	7712.7	7490.4	7076.5	6636.7	6234.0	6205.0	6591.6	6598.0	6664.1
37.5°	8848.4	8792.0	8555.2	8149.3	7716.0	7160.2	6891.2	7168.3	7176.3	7240.8
40°	9610.3	9634.5	9471.8	9157.7	8785.6	8178.3	7661.2	7782.0	7733.7	7841.6
42.5°	10264.3	10312.7	10170.9	10013.0	9797.2	9262.4	8614.8	8593.9	8516.6	8574.5
45°	10829.7	10870.0	10742.7	10705.7	10700.9	10325.5	9657.0	9531.4	9423.5	9412.2
47.5°	11037.5	11114.9	11169.6	11293.7	11535.3	11377.4	10734.7	10539.8	10419.0	10330.4
50°	11116.5	11198.6	11385.5	11746.3	12318.2	12385.8	11807.5	11588.4	11440.2	11279.2
52.5°	11010.1	11156.7	11408.0	12015.3	12844.9	13194.5	12836.9	12645.2	12476.0	12213.5
55°	10383.5	10530.1	11044.0	12012.1	13107.5	13761.5	13809.8	13724.4	13534.3	13120.4
57.5°	9062.6	9280.1	10093.6	11602.9	13102.6	14249.6	14763.4	14824.6	14612.0	14019.2
60°	7232.7	7527.5	8519.8	10696.0	12698.3	14513.7	15599.5	15905.5	15680.0	14905.2
62.5°	5046.8	5388.3	6327.4	9275.3	11773.7	14323.7	16210.0	16775.4	16604.6	15697.7
65°	3078.3	3187.9	3945.0	7298.8	10201.5	13527.9	16398.4	17245.7	17189.4	16182.6
67.5°	2050.6	2142.4	2359.9	5004.9	7918.9	11938.0	15947.4	17163.6	17179.7	16103.7
70°	1235.5	1314.5	1456.2	2910.8	5132.2	9449.2	14550.8	16116.5	16210.0	15048.5
72.5°	509.0	562.2	691.1	1319.3	2657.9	5997.2	11586.8	13837.2	14054.7	12653.2
75°	288.3	315.7	405.9	662.1	1153.4	2794.8	7018.5	9823.0	10143.5	8721.1
77.5°	191.7	204.6	262.6	428.5	649.2	953.6	2999.4	5117.7	5729.8	4763.3
80°	128.9	140.1	180.4	286.7	422.0	409.2	955.2	1896.0	2332.5	1636.6
82.5°	87.0	88.6	128.9	188.5	267.4	198.1	281.9	589.6	741.0	473.6
85°	49.9	48.3	95.0	109.5	119.2	82.2	85.4	177.2	232.0	199.7
87.5°	6.4	9.7	37.0	29.0	16.1	17.7	17.7	30.6	45.1	48.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P849567
 CATALOG NUMBER: GLAN-SB6C-930-U-T3-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2794.8	0°	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8	2794.8
2798.0	2.5°	2798.0	2796.4	2791.6	2786.8	2775.5	2769.0	2772.3	2769.0	2767.4	2769.0
2819.0	5°	2819.0	2814.2	2801.3	2785.2	2762.6	2735.2	2717.5	2691.7	2667.6	2653.1
2875.4	7.5°	2875.4	2870.5	2852.8	2807.7	2735.2	2620.9	2516.1	2424.3	2355.1	2314.8
2965.6	10°	2965.6	2957.5	2930.1	2830.3	2640.2	2390.5	2182.7	2010.3	1897.6	1844.4
3071.9	12.5°	3071.9	3062.2	3013.9	2809.3	2459.8	2069.9	1783.2	1591.5	1486.8	1440.1
3194.3	15°	3197.5	3184.6	3089.6	2709.4	2197.2	1715.6	1453.0	1309.6	1242.0	1200.1
3350.6	17.5°	3353.8	3331.2	3146.0	2559.6	1912.1	1444.9	1250.0	1142.1	1082.5	1042.2
3555.1	20°	3556.8	3519.7	3191.1	2380.8	1649.5	1274.2	1113.1	1022.9	977.8	942.3
3845.1	22.5°	3840.3	3787.1	3245.9	2187.5	1464.3	1156.6	1011.6	945.6	908.5	868.2
4249.4	25°	4191.4	4128.6	3313.5	2008.7	1337.0	1055.1	937.5	882.7	839.3	792.5
4779.4	27.5°	4682.7	4570.0	3394.1	1862.1	1227.5	968.1	869.9	808.6	758.7	720.0
5380.2	30°	5230.4	5045.2	3464.9	1773.5	1127.6	887.6	781.3	720.0	673.3	646.0
5919.9	32.5°	5749.1	5497.8	3511.6	1734.9	1037.4	795.8	684.6	618.6	583.1	575.1
6448.2	35°	6238.8	5907.0	3506.8	1697.8	956.8	703.9	589.6	521.9	494.5	499.4
7016.9	37.5°	6802.6	6343.5	3473.0	1639.8	890.8	620.2	507.4	447.8	423.7	425.3
7707.9	40°	7458.2	6847.7	3452.0	1530.3	818.3	542.9	439.8	391.4	373.7	367.3
8436.0	42.5°	8157.3	7335.8	3455.3	1406.3	728.1	473.6	393.0	352.8	336.7	331.8
9246.3	45°	8859.7	7801.3	3460.1	1277.4	633.1	420.4	359.2	325.4	315.7	309.3
10067.8	47.5°	9520.1	8197.6	3369.9	1138.9	539.6	380.2	331.8	309.3	301.2	293.2
10892.6	50°	10135.5	8461.8	3152.4	977.8	465.5	347.9	310.9	294.8	286.7	278.7
11640.0	52.5°	10613.9	8503.7	2793.2	811.9	414.0	323.8	298.0	283.5	273.8	265.8
12244.1	55°	10826.5	8241.1	2282.6	657.2	373.7	302.8	285.1	270.6	259.3	251.3
12719.3	57.5°	10771.7	7688.6	1780.0	528.4	335.1	281.9	269.0	259.3	246.5	233.6
13104.3	60°	10502.7	6949.2	1341.8	439.8	299.6	259.3	251.3	243.2	225.5	206.2
13252.5	62.5°	10037.2	6019.7	956.8	364.1	261.0	233.6	230.4	223.9	198.1	162.7
13033.4	65°	9325.2	4890.5	644.3	302.8	223.9	204.6	206.2	194.9	161.1	120.8
12231.2	67.5°	8284.6	3576.1	412.4	248.1	186.9	170.7	172.4	165.9	136.9	103.1
10710.5	70°	6958.9	2367.9	269.0	188.5	149.8	132.1	141.8	143.4	116.0	83.8
8220.2	72.5°	5101.6	1398.2	188.5	140.1	109.5	91.8	116.0	119.2	93.4	62.8
4945.3	75°	2907.6	663.7	141.8	101.5	67.7	64.4	90.2	90.2	64.4	41.9
2140.8	77.5°	1221.0	277.1	99.9	66.0	38.7	37.0	61.2	56.4	32.2	19.3
521.9	80°	352.8	124.0	53.2	32.2	16.1	14.5	24.2	17.7	8.1	3.2
198.1	82.5°	138.5	54.8	20.9	12.9	6.4	6.4	3.2	0.0	0.0	0.0
112.8	85°	82.2	22.6	9.7	4.8	1.6	0.0	0.0	0.0	0.0	0.0
24.2	87.5°	20.9	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/>
2794.8
2775.5
2656.3
2316.4
1839.6
1435.3
1201.7
1039.0
935.9
861.8
787.7
712.0
641.1
579.9
499.4
431.7
365.7
330.2
309.3
293.2
278.7
264.2
249.7
232.0
203.0
159.5
117.6
98.3
80.5
59.6
38.7
19.3
3.2
0.0
0.0
0.0
0.0

F REPORT)