

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: P845692

Luminaire Tested: **GLAN-SB1A-722-U-SL4-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P845692
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-10)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1A-722-U-SL4-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 26 LEDS AND TYPE IV SPILL LIGHT
ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2449 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

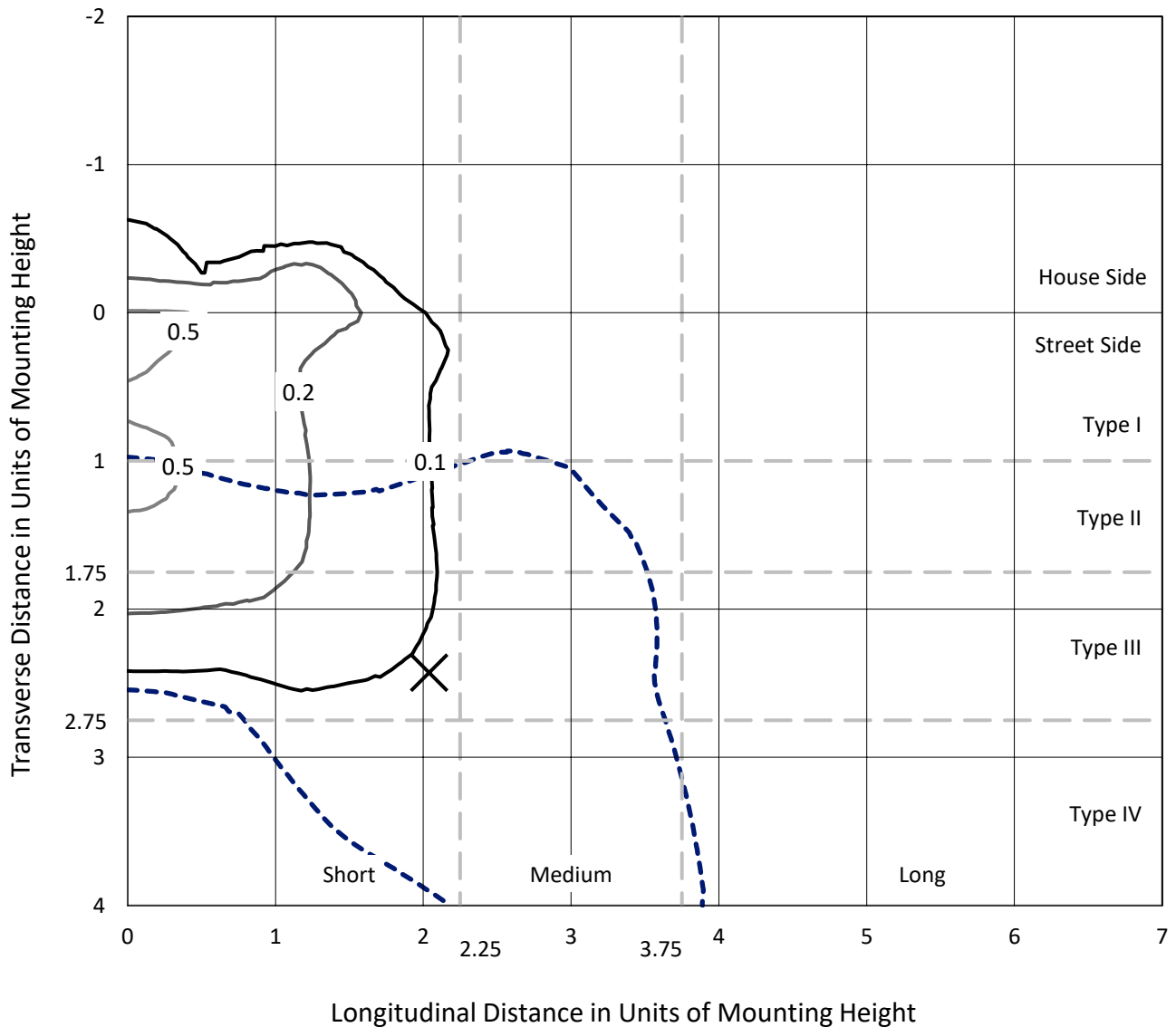
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P845692
 CATALOG NUMBER: GLAN-SB1A-722-U-SL4-HSS

Iso-Footcandle Lines of Horizontal Illumination

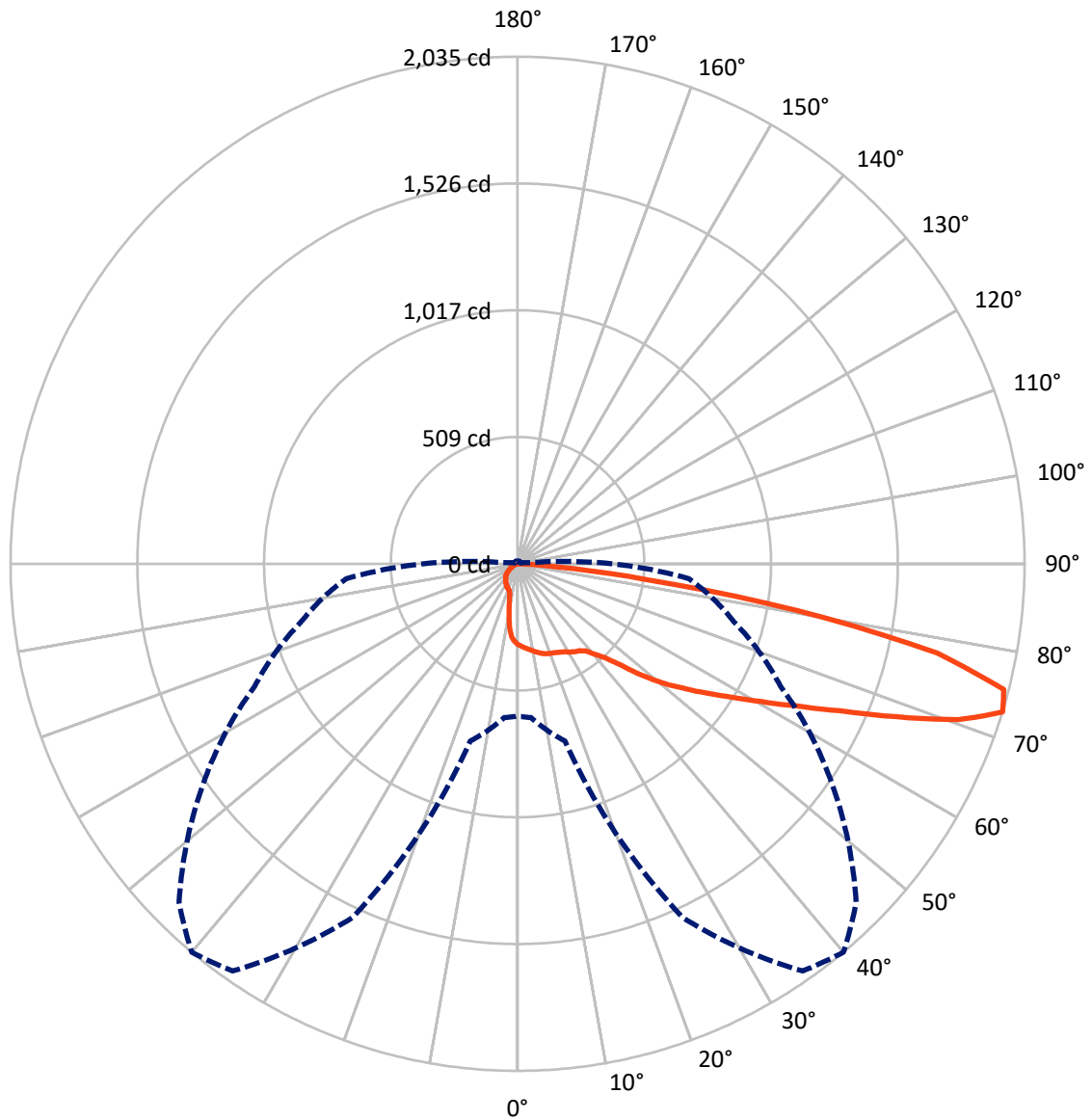
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P845692
CATALOG NUMBER: GLAN-SB1A-722-U-SL4-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P845692
 CATALOG NUMBER: GLAN-SB1A-722-U-SL4-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	316.3	0.0	316.3
	% Fixture	12.9	0.0	12.9
Street Side	Lumens	2132.7	0.0	2132.7
	% Fixture	87.1	0.0	87.1
Total	Lumens	2449.0	0.0	2449.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.6	1.2
10°-20°	80.4	3.3
20°-30°	130.1	5.3
30°-40°	192.1	7.8
40°-50°	323.3	13.2
50°-60°	502.1	20.5
60°-70°	628.2	25.7
70°-80°	514.3	21.0
80°-90°	48.8	2.0
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°	2449.0	100.0
0°-180°	2449.0	100.0

Coefficient of Utilization



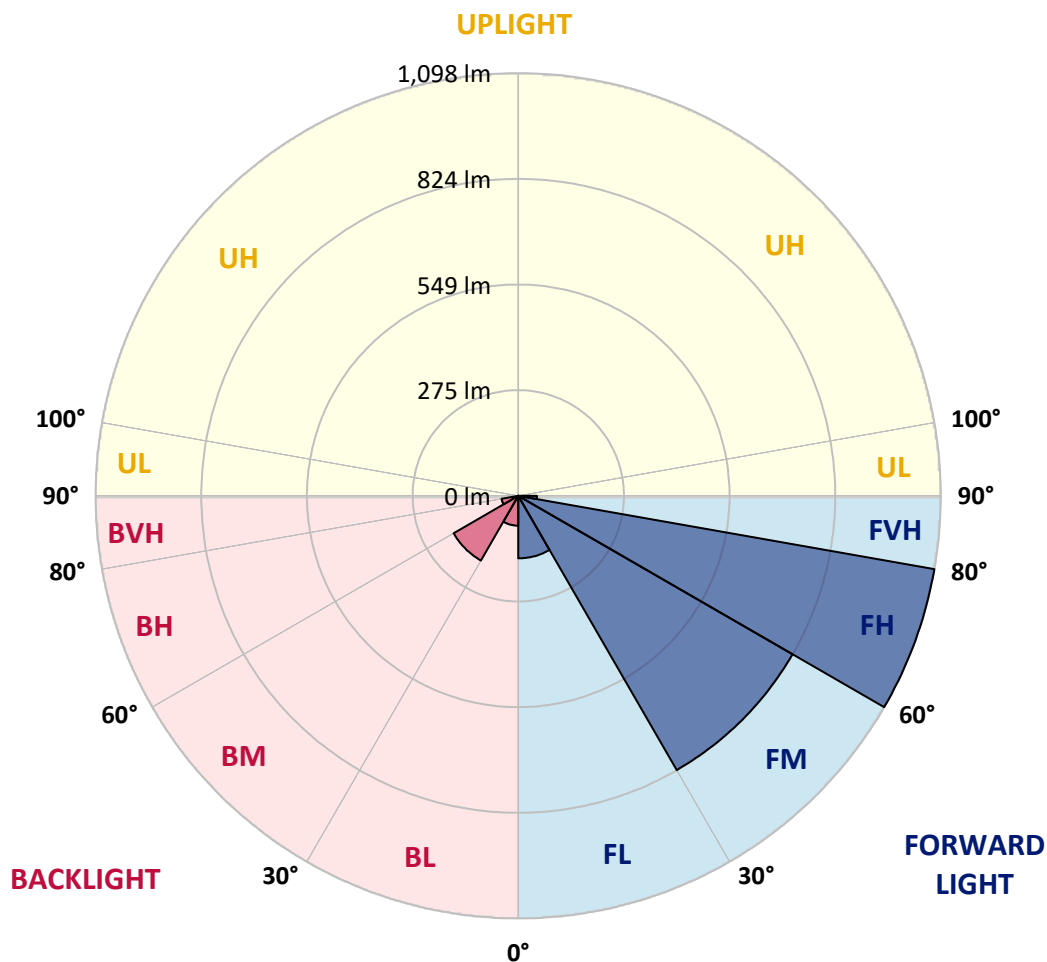
REPORT NUMBER: P845692
 CATALOG NUMBER: GLAN-SB1A-722-U-SL4-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	162.5	6.6			
FM (30°-60°)	823.3	33.6			
FH (60°-80°)	1098.5	44.9			G1/1800
FVH (80°-90°)	48.4	2.0			G1/100
BL (0°-30°)	77.6	3.2	B0/110		
BM (30°-60°)	194.2	7.9	B0/220		
BH (60°-80°)	44.1	1.8	B0/110		G0/110
BVH (80°-90°)	0.4	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short



REPORT NUMBER: P845692
 CATALOG NUMBER: GLAN-SB1A-722-U-SL4-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°
0°	324.3	324.3	324.3	324.3	324.3	324.3	324.3	324.3	324.3	324.3
2.5°	334.0	335.3	334.6	333.1	332.8	332.0	331.1	330.7	329.4	328.3
5°	343.5	344.7	343.8	341.8	340.9	339.9	338.7	337.5	335.0	332.6
7.5°	353.8	354.9	353.8	350.8	349.4	348.2	346.4	344.7	341.8	338.3
10°	365.2	366.1	364.5	360.6	358.2	356.5	354.9	353.0	350.3	346.4
12.5°	375.9	377.0	374.4	369.8	367.1	365.4	363.6	362.1	359.3	355.6
15°	385.7	387.4	382.9	377.9	374.8	373.5	371.7	370.7	368.9	366.3
17.5°	393.1	394.2	389.6	383.7	380.2	379.2	377.9	378.5	378.1	376.8
20°	399.3	400.1	394.0	386.8	382.9	383.1	382.7	384.6	385.3	385.3
22.5°	407.1	407.3	399.5	390.5	385.9	387.2	387.7	389.7	391.2	392.7
25°	417.2	416.9	407.6	395.3	391.2	393.1	394.4	395.1	396.8	399.2
27.5°	432.4	431.2	419.4	403.0	398.2	399.9	402.3	401.9	401.2	403.0
30°	451.5	450.1	434.4	413.9	409.5	411.0	411.7	408.4	403.0	404.7
32.5°	482.0	479.4	457.6	426.1	419.3	420.9	420.0	413.2	405.2	406.9
35°	534.9	528.6	497.8	451.5	430.3	428.5	426.3	419.6	409.9	408.2
37.5°	647.4	636.4	583.8	501.2	455.4	443.4	436.6	430.0	414.8	408.2
40°	774.3	763.1	702.4	584.2	497.1	476.8	460.6	442.1	420.0	410.6
42.5°	906.8	894.4	832.1	687.1	556.7	515.0	484.7	451.9	428.5	418.0
45°	1054.7	1039.2	957.7	794.4	643.2	578.4	523.7	472.0	443.2	431.1
47.5°	1210.7	1190.6	1082.9	898.7	736.3	666.2	594.9	508.0	465.0	450.6
50°	1349.1	1329.2	1212.2	1007.7	823.4	749.8	676.0	557.8	497.7	478.3
52.5°	1448.5	1433.4	1329.9	1120.2	914.0	828.2	749.6	615.7	539.0	513.7
55°	1515.1	1501.3	1413.3	1226.8	1019.3	914.5	822.1	678.6	588.8	556.1
57.5°	1555.5	1547.6	1473.6	1322.0	1123.7	1009.0	905.1	747.8	647.4	606.1
60°	1569.9	1563.4	1511.0	1412.7	1249.8	1122.4	1002.7	825.8	718.6	662.9
62.5°	1531.5	1532.8	1538.0	1520.3	1382.8	1255.2	1119.6	919.5	797.6	727.3
65°	1350.9	1361.6	1459.8	1639.4	1559.0	1421.6	1268.5	1033.9	888.0	800.5
67.5°	1118.5	1134.0	1256.1	1709.1	1746.8	1637.6	1475.8	1179.6	995.7	875.0
70°	856.2	872.8	1020.8	1694.6	1922.5	1873.7	1732.2	1364.9	1107.3	926.7
72.5°	611.1	619.6	736.1	1564.9	1994.7	2034.5	1921.1	1540.5	1164.3	898.1
75°	429.4	427.9	505.2	1260.2	1882.3	2015.0	1854.9	1445.6	1053.6	713.5
77.5°	187.0	187.4	252.3	765.3	1502.4	1720.9	1541.8	905.5	734.5	378.1
80°	48.5	50.0	92.6	304.7	904.6	1135.9	940.3	398.0	339.4	92.2
82.5°	17.2	18.3	42.6	95.7	333.7	520.9	418.7	127.3	88.5	26.4
85°	5.0	5.9	22.9	29.3	69.0	147.2	101.6	24.7	21.8	13.6
87.5°	0.0	0.7	4.6	4.1	4.1	2.8	5.2	2.8	3.5	1.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P845692
 CATALOG NUMBER: GLAN-SB1A-722-U-SL4-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
324.3	0°	324.3	324.3	324.3	324.3	324.3	324.3	324.3	324.3	324.3	324.3
327.0	2.5°	325.9	324.6	321.9	318.9	316.2	313.6	312.8	310.1	308.8	309.0
329.6	5°	327.6	325.2	319.8	313.4	306.7	299.2	292.9	284.1	276.5	275.6
334.6	7.5°	332.0	328.1	319.5	306.9	290.3	269.5	250.1	230.9	220.1	214.1
342.0	10°	338.8	333.7	320.4	296.4	261.2	223.9	194.6	170.4	158.1	152.4
351.0	12.5°	347.0	341.2	321.9	278.5	223.6	174.7	143.0	128.2	125.6	125.2
362.1	15°	358.4	352.1	323.5	254.4	182.8	133.0	118.4	118.6	120.6	121.7
374.1	17.5°	371.1	364.8	321.1	224.8	142.6	113.6	113.3	114.9	117.9	119.0
385.1	20°	384.0	378.1	312.6	190.2	115.3	108.3	109.7	111.6	114.5	116.0
396.0	22.5°	397.3	392.1	299.2	153.3	104.0	104.4	106.2	108.1	111.4	113.1
406.7	25°	411.5	407.1	281.3	122.8	99.2	100.3	102.7	105.0	108.5	110.5
415.8	27.5°	425.9	422.6	261.0	102.6	94.8	96.1	98.9	101.8	105.3	107.7
423.7	30°	441.6	439.7	244.8	95.0	90.6	91.7	94.8	98.1	102.0	105.0
431.6	32.5°	457.6	457.3	236.8	100.5	86.7	87.4	90.2	93.5	98.3	102.0
438.3	35°	473.5	474.2	232.2	116.2	85.4	83.4	85.2	88.2	93.9	98.5
445.8	37.5°	493.8	495.6	232.0	133.2	88.5	79.3	80.6	82.6	87.6	93.0
457.6	40°	524.0	533.8	243.8	147.7	94.1	75.6	76.0	76.4	78.9	83.4
473.3	42.5°	564.2	592.8	286.5	157.7	96.3	72.3	71.0	69.0	68.6	71.0
494.7	45°	614.2	664.2	361.3	163.2	94.1	68.6	65.1	59.8	57.7	59.4
523.7	47.5°	673.1	742.4	450.1	164.5	90.4	64.0	57.7	50.7	49.1	49.6
562.6	50°	730.4	801.1	528.1	153.8	84.3	58.1	49.6	43.7	42.6	42.8
608.5	52.5°	781.2	821.2	550.2	128.6	76.2	50.9	42.6	38.6	37.8	37.8
659.2	55°	814.7	799.4	490.6	98.3	66.0	43.5	36.5	34.5	34.1	33.9
715.9	57.5°	821.7	728.6	370.6	71.0	51.6	36.7	32.5	31.4	30.6	29.9
774.0	60°	796.7	610.5	235.9	49.6	38.7	31.4	28.8	28.0	26.6	25.1
828.6	62.5°	742.4	461.1	130.6	34.5	31.2	26.7	25.5	24.5	21.8	19.4
871.9	65°	669.6	306.6	57.7	26.9	25.5	22.5	21.8	20.5	17.2	14.4
888.3	67.5°	596.3	176.5	26.0	21.6	20.5	18.4	17.9	17.0	14.6	12.0
846.5	70°	512.8	89.5	17.9	17.2	15.9	14.0	14.6	14.4	12.0	9.8
690.4	72.5°	381.8	44.5	13.5	12.9	11.4	10.0	12.0	11.8	9.4	7.4
425.7	75°	216.2	21.9	9.8	9.0	6.8	7.4	9.6	9.0	6.5	4.8
179.7	77.5°	85.8	11.3	6.5	5.5	4.1	5.0	7.0	6.1	3.3	2.0
34.3	80°	19.7	5.5	3.3	2.4	1.8	3.0	3.7	2.2	0.9	0.2
9.2	82.5°	5.5	2.4	1.1	0.9	0.9	1.1	0.9	0.4	0.0	0.0
2.4	85°	1.8	1.1	0.4	0.2	0.2	0.2	0.2	0.0	0.0	0.0
0.7	87.5°	0.7	0.4	0.0	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/>
324.3
308.8
275.0
213.8
151.3
125.1
121.6
118.8
116.0
113.1
110.5
107.9
105.3
102.4
99.2
93.9
84.8
72.3
59.4
49.4
42.8
37.6
33.6
29.5
24.5
18.6
13.8
11.6
9.4
7.0
4.4
1.8
0.0
0.0
0.0
0.0
0.0

F REPORT)