

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: P846037

Luminaire Tested: **GLAN-SB1C-722-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846037
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-SB1C-722-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE III OPTICS
WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4594 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G1

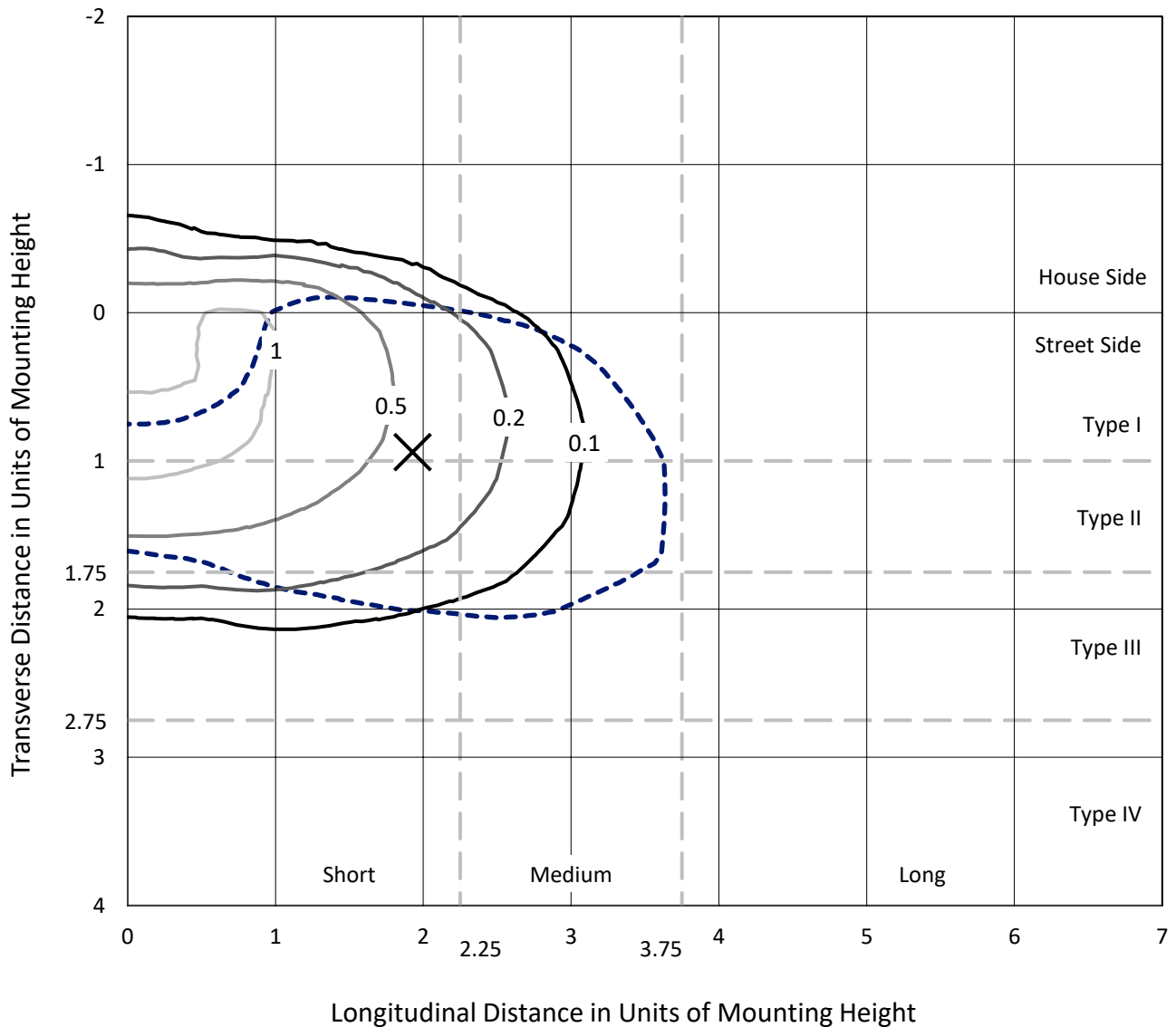
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P846037
 CATALOG NUMBER: GLAN-SB1C-722-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination

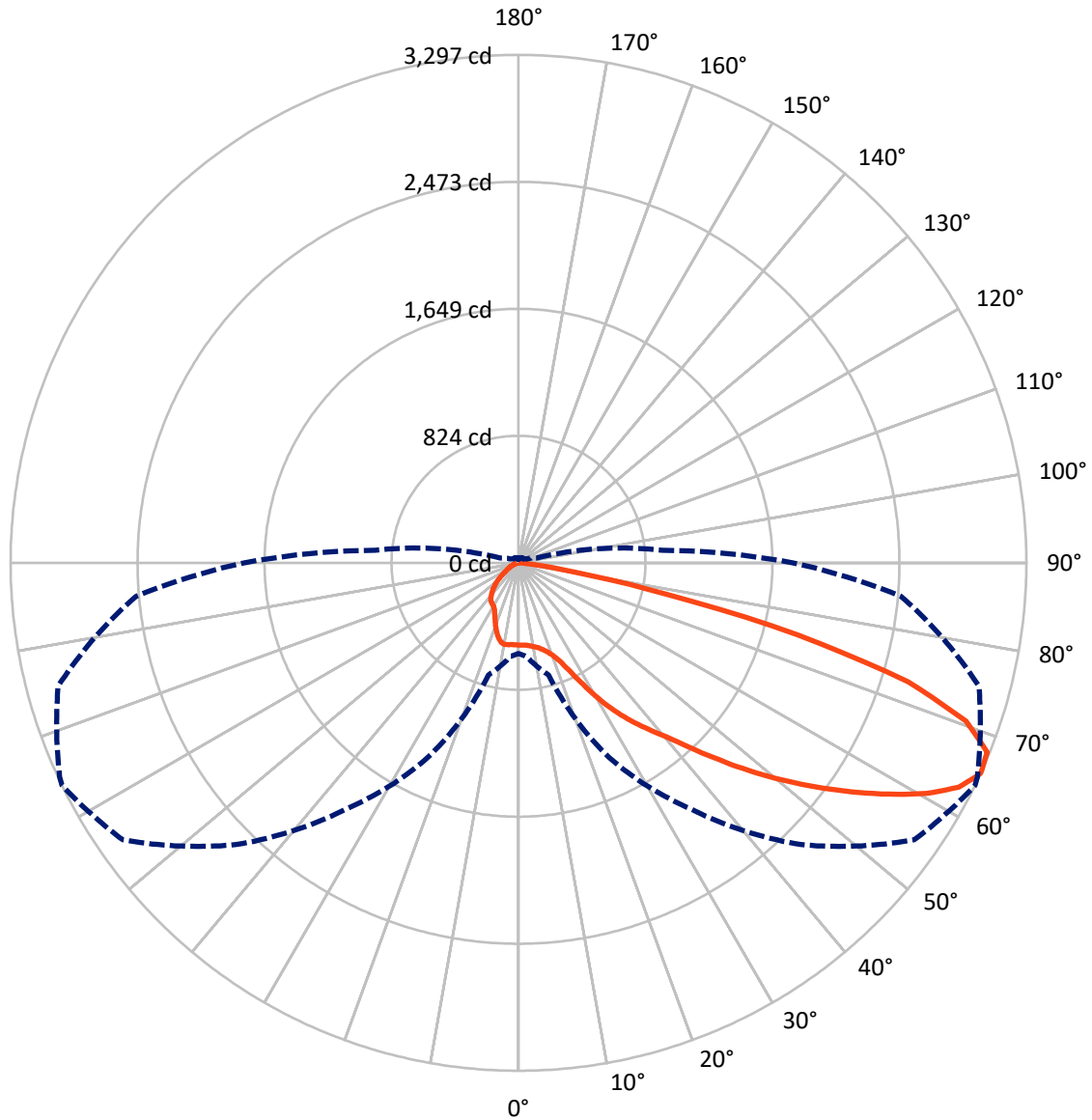
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
 Type III - Short - N/A

REPORT NUMBER: P846037
CATALOG NUMBER: GLAN-SB1C-722-U-T3-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P846037
 CATALOG NUMBER: GLAN-SB1C-722-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	614.4	0.0	614.4
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	3979.6	0.0	3979.6
	% Fixture	86.6	0.0	86.6
Total	Lumens	4594.0	0.0	4594.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.3	1.1
10°-20°	133.7	2.9
20°-30°	253.4	5.5
30°-40°	512.7	11.2
40°-50°	873.4	19.0
50°-60°	1187.7	25.9
60°-70°	1115.3	24.3
70°-80°	446.8	9.7
80°-90°	21.6	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°	4594.0	100.0
0°-180°	4594.0	100.0

Coefficient of Utilization



REPORT NUMBER: P846037

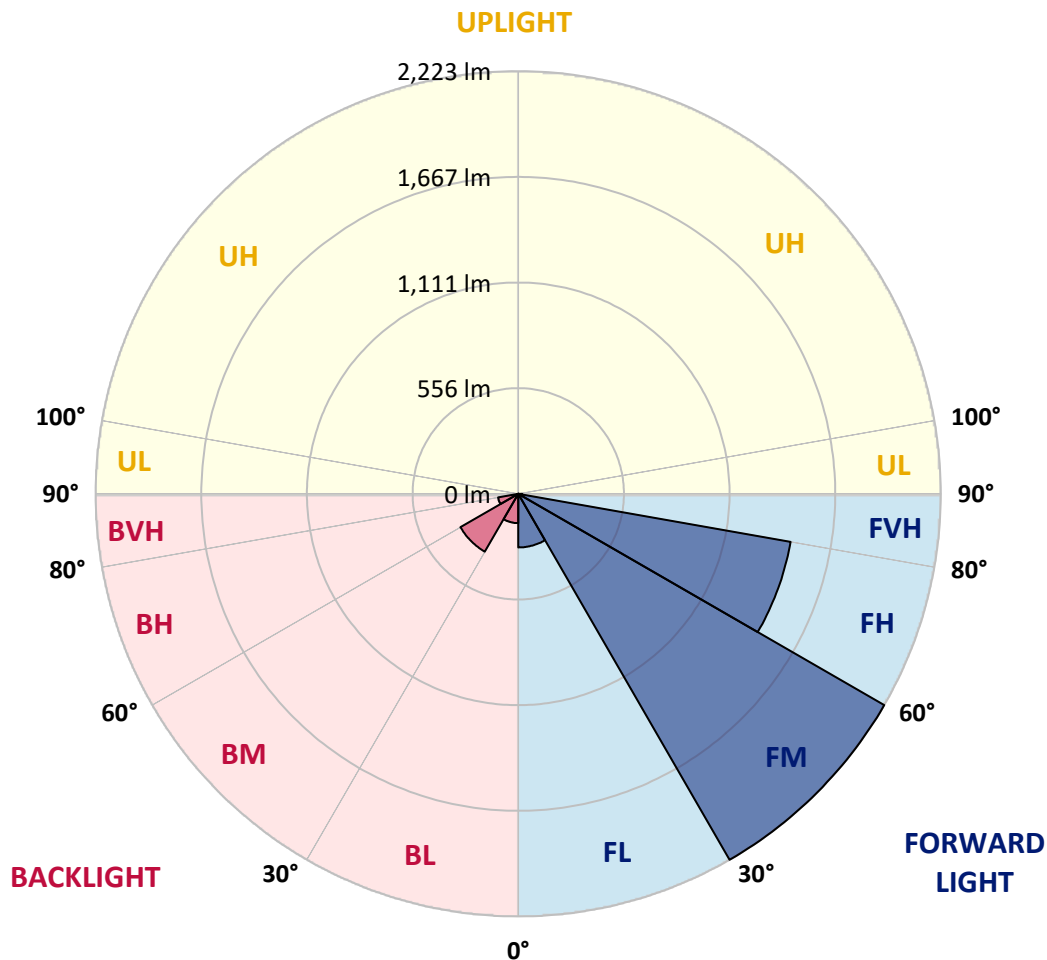
CATALOG NUMBER: GLAN-SB1C-722-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	282.1	6.1			
FM (30°-60°)	2222.6	48.4			
FH (60°-80°)	1454.4	31.7			G1/1800
FVH (80°-90°)	20.6	0.4			G1/100
BL (0°-30°)	154.2	3.4	B1/500		
BM (30°-60°)	351.2	7.6	B1/1000		
BH (60°-80°)	107.8	2.3	B0/110		G0/110
BVH (80°-90°)	1.1	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Short



REPORT NUMBER: P846037
 CATALOG NUMBER: GLAN-SB1C-722-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	534.3	534.3	534.3	534.3	534.3	534.3	534.3	534.3	534.3	534.3
2.5°	532.5	536.2	535.3	534.3	534.0	534.6	534.9	534.6	534.6	534.6
5°	522.3	525.4	525.4	527.6	530.6	534.3	537.1	537.7	538.3	539.3
7.5°	502.9	505.4	507.2	514.3	522.0	531.9	540.2	544.5	545.1	548.5
10°	489.7	492.8	495.8	503.2	514.3	529.1	543.3	553.7	555.3	563.3
12.5°	489.1	492.1	496.1	504.1	517.1	532.8	550.0	565.1	567.9	579.6
15°	495.5	499.2	502.9	512.8	526.6	545.7	564.2	583.0	585.8	602.4
17.5°	508.8	513.7	516.5	526.3	541.1	562.4	586.7	608.2	610.7	630.1
20°	534.9	540.8	541.7	549.7	564.2	587.0	615.9	642.7	645.8	668.0
22.5°	589.1	597.5	590.1	594.1	607.0	629.8	661.2	695.1	699.4	724.7
25°	684.6	696.3	677.2	670.5	676.0	699.7	739.1	781.9	786.9	807.2
27.5°	872.2	857.1	828.1	799.8	783.2	796.7	841.1	894.0	900.2	919.9
30°	1078.2	1065.0	1025.9	963.0	923.6	921.4	962.4	1021.5	1028.6	1047.4
32.5°	1284.5	1271.9	1229.4	1152.1	1083.8	1049.9	1078.2	1143.8	1147.5	1159.5
35°	1487.5	1474.6	1432.1	1352.9	1268.8	1191.8	1186.3	1260.2	1261.4	1274.1
37.5°	1691.7	1680.9	1635.6	1558.0	1475.2	1368.9	1317.5	1370.5	1372.0	1384.3
40°	1837.4	1842.0	1810.9	1750.8	1679.7	1563.6	1464.7	1487.8	1478.6	1499.2
42.5°	1962.4	1971.6	1944.5	1914.3	1873.1	1770.8	1647.0	1643.0	1628.2	1639.3
45°	2070.5	2078.2	2053.9	2046.8	2045.9	1974.1	1846.3	1822.3	1801.6	1799.5
47.5°	2110.2	2125.0	2135.5	2159.2	2205.4	2175.2	2052.3	2015.1	1992.0	1975.0
50°	2125.3	2141.0	2176.7	2245.7	2355.1	2368.0	2257.4	2215.5	2187.2	2156.4
52.5°	2105.0	2133.0	2181.1	2297.2	2455.8	2522.6	2454.2	2417.6	2385.2	2335.0
55°	1985.2	2013.2	2111.5	2296.5	2506.0	2631.0	2640.2	2623.9	2587.6	2508.4
57.5°	1732.6	1774.2	1929.7	2218.3	2505.0	2724.3	2822.6	2834.3	2793.6	2680.3
60°	1382.8	1439.1	1628.9	2044.9	2427.7	2774.8	2982.4	3040.9	2997.8	2849.7
62.5°	964.9	1030.2	1209.7	1773.3	2251.0	2738.5	3099.1	3207.2	3174.6	3001.2
65°	588.5	609.5	754.2	1395.4	1950.4	2586.3	3135.1	3297.1	3286.4	3093.9
67.5°	392.0	409.6	451.2	956.9	1514.0	2282.4	3048.9	3281.4	3284.5	3078.8
70°	236.2	251.3	278.4	556.5	981.2	1806.6	2781.9	3081.3	3099.1	2877.1
72.5°	97.3	107.5	132.1	252.2	508.2	1146.6	2215.2	2645.5	2687.0	2419.1
75°	55.1	60.4	77.6	126.6	220.5	534.3	1341.8	1878.0	1939.3	1667.4
77.5°	36.6	39.1	50.2	81.9	124.1	182.3	573.4	978.4	1095.5	910.7
80°	24.6	26.8	34.5	54.8	80.7	78.2	182.6	362.5	445.9	312.9
82.5°	16.6	16.9	24.6	36.0	51.1	37.9	53.9	112.7	141.7	90.5
85°	9.5	9.2	18.2	20.9	22.8	15.7	16.3	33.9	44.3	38.2
87.5°	1.2	1.8	7.1	5.5	3.1	3.4	3.4	5.9	8.6	9.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P846037
 CATALOG NUMBER: GLAN-SB1C-722-U-T3-HSS

CANDELA DISTRIBUTION (continued):

85°	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
534.3	0°	534.3	534.3	534.3	534.3	534.3	534.3	534.3	534.3	534.3
534.9	2.5°	534.9	534.6	533.7	532.8	530.6	529.4	530.0	529.4	529.4
538.9	5°	538.9	538.0	535.6	532.5	528.2	522.9	519.5	514.6	510.0
549.7	7.5°	549.7	548.8	545.4	536.8	522.9	501.1	481.1	463.5	450.3
567.0	10°	567.0	565.4	560.2	541.1	504.8	457.0	417.3	384.3	362.8
587.3	12.5°	587.3	585.5	576.2	537.1	470.3	395.7	340.9	304.3	284.3
610.7	15°	611.3	608.9	590.7	518.0	420.1	328.0	277.8	250.4	237.4
640.6	17.5°	641.2	636.9	601.5	489.4	365.6	276.3	239.0	218.4	207.0
679.7	20°	680.0	672.9	610.1	455.2	315.4	243.6	212.8	195.6	186.9
735.1	22.5°	734.2	724.0	620.6	418.2	279.9	221.1	193.4	180.8	173.7
812.4	25°	801.3	789.3	633.5	384.0	255.6	201.7	179.2	168.8	160.5
913.8	27.5°	895.3	873.7	648.9	356.0	234.7	185.1	166.3	154.6	145.1
1028.6	30°	1000.0	964.6	662.4	339.1	215.6	169.7	149.4	137.7	128.7
1131.8	32.5°	1099.1	1051.1	671.4	331.7	198.3	152.1	130.9	118.3	111.5
1232.8	35°	1192.8	1129.3	670.5	324.6	182.9	134.6	112.7	99.8	94.5
1341.5	37.5°	1300.6	1212.8	664.0	313.5	170.3	118.6	97.0	85.6	81.0
1473.6	40°	1425.9	1309.2	660.0	292.6	156.4	103.8	84.1	74.8	71.4
1612.8	42.5°	1559.6	1402.5	660.6	268.9	139.2	90.5	75.1	67.4	64.4
1767.8	45°	1693.8	1491.5	661.5	244.2	121.0	80.4	68.7	62.2	60.4
1924.8	47.5°	1820.1	1567.3	644.3	217.7	103.2	72.7	63.4	59.1	57.6
2082.5	50°	1937.8	1617.8	602.7	186.9	89.0	66.5	59.4	56.4	54.8
2225.4	52.5°	2029.2	1625.8	534.0	155.2	79.1	61.9	57.0	54.2	52.4
2340.9	55°	2069.9	1575.6	436.4	125.7	71.4	57.9	54.5	51.7	49.6
2431.7	57.5°	2059.4	1469.9	340.3	101.0	64.1	53.9	51.4	49.6	47.1
2505.3	60°	2008.0	1328.6	256.5	84.1	57.3	49.6	48.0	46.5	43.1
2533.7	62.5°	1919.0	1150.9	182.9	69.6	49.9	44.7	44.0	42.8	37.9
2491.8	65°	1782.8	935.0	123.2	57.9	42.8	39.1	39.4	37.3	30.8
2338.4	67.5°	1583.9	683.7	78.8	47.4	35.7	32.6	33.0	31.7	26.2
2047.7	70°	1330.4	452.7	51.4	36.0	28.6	25.3	27.1	27.4	22.2
1571.6	72.5°	975.3	267.3	36.0	26.8	20.9	17.6	22.2	22.8	17.9
945.5	75°	555.9	126.9	27.1	19.4	12.9	12.3	17.2	17.2	12.3
409.3	77.5°	233.4	53.0	19.1	12.6	7.4	7.1	11.7	10.8	6.2
99.8	80°	67.4	23.7	10.2	6.2	3.1	2.8	4.6	3.4	1.5
37.9	82.5°	26.5	10.5	4.0	2.5	1.2	1.2	0.6	0.0	0.0
21.6	85°	15.7	4.3	1.8	0.9	0.3	0.0	0.0	0.0	0.0
4.6	87.5°	4.0	0.9	0.6	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

(END O

180°
<hr/>
534.3
530.6
507.8
442.9
351.7
274.4
229.7
198.6
178.9
164.8
150.6
136.1
122.6
110.9
95.5
82.5
69.9
63.1
59.1
56.1
53.3
50.5
47.7
44.3
38.8
30.5
22.5
18.8
15.4
11.4
7.4
3.7
0.6
0.0
0.0
0.0
0.0

F REPORT)