

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: P846036

Luminaire Tested: **GLAN-SB1C-722-U-T2**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P846036
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-3)
Test Lab: INNOVATION CENTER
Issue Date: 6/26/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1C-722-U-T2
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2200K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE II OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5805 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

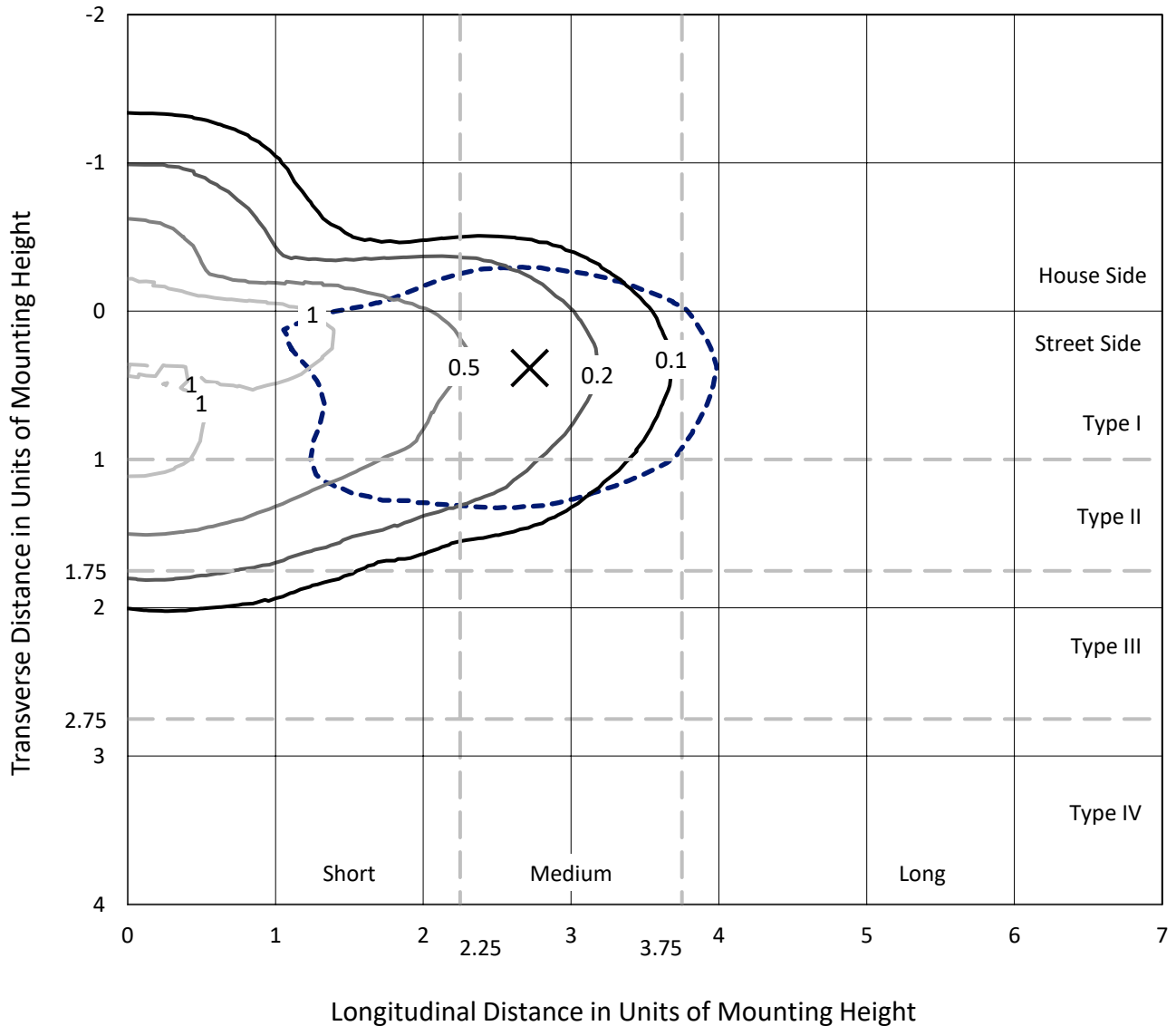
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P846036
 CATALOG NUMBER: GLAN-SB1C-722-U-T2

Iso-Footcandle Lines of Horizontal Illumination

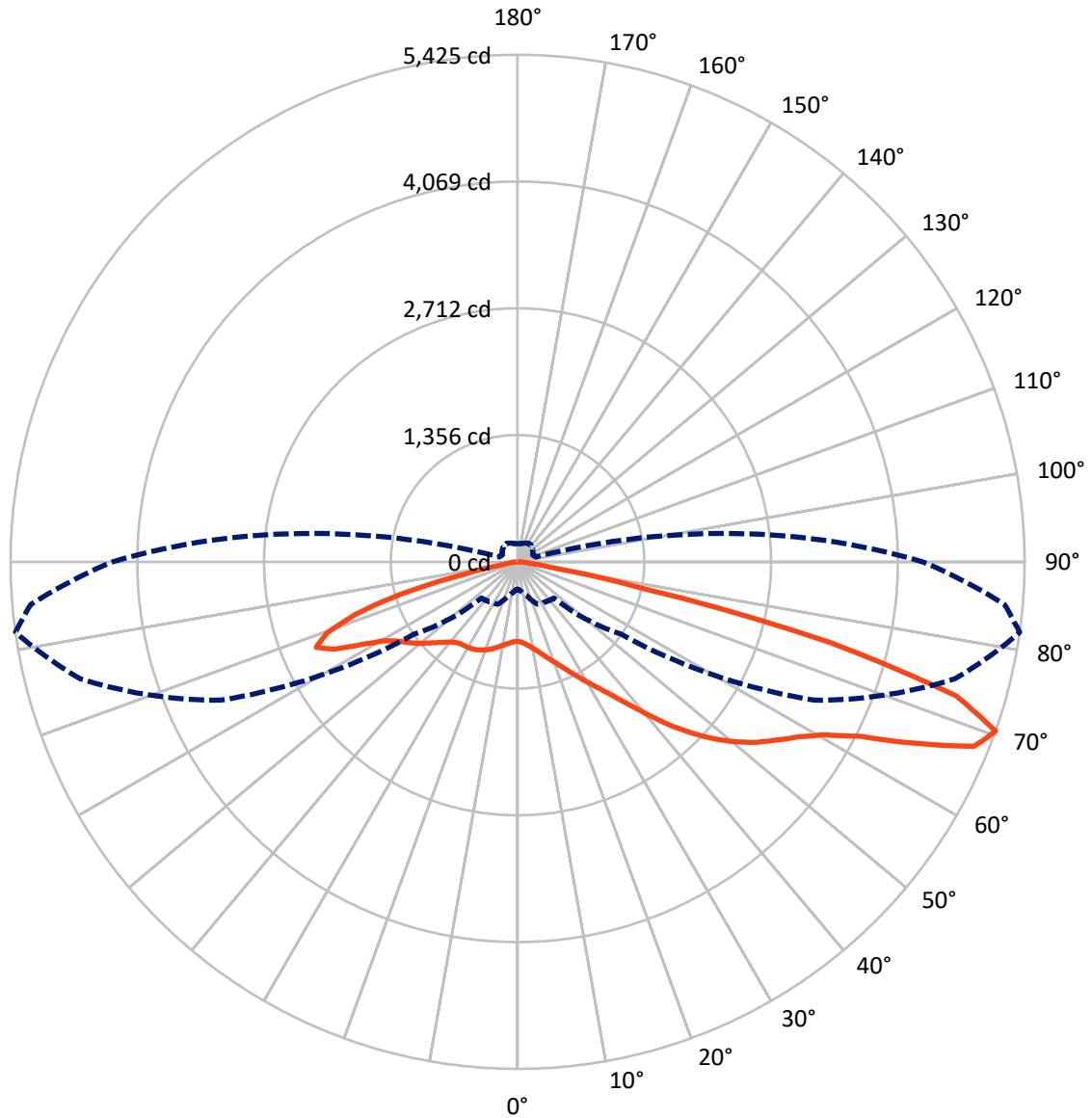
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
 Type II - Medium - N/A

REPORT NUMBER: P846036
CATALOG NUMBER: GLAN-SB1C-722-U-T2

Luminous Intensity Polar Plot



— Vertical Plane Through 82-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P846036
 CATALOG NUMBER: GLAN-SB1C-722-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1431.1	0.0	1431.1
	% Fixture	24.7	0.0	24.7
Street Side	Lumens	4373.9	0.0	4373.9
	% Fixture	75.3	0.0	75.3
Total	Lumens	5805.0	0.0	5805.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.4	1.4
10°-20°	230.9	4.0
20°-30°	386.2	6.7
30°-40°	603.4	10.4
40°-50°	961.0	16.6
50°-60°	1337.3	23.0
60°-70°	1398.9	24.1
70°-80°	731.1	12.6
80°-90°	75.9	1.3
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°	5805.0	100.0
0°-180°	5805.0	100.0

Coefficient of Utilization

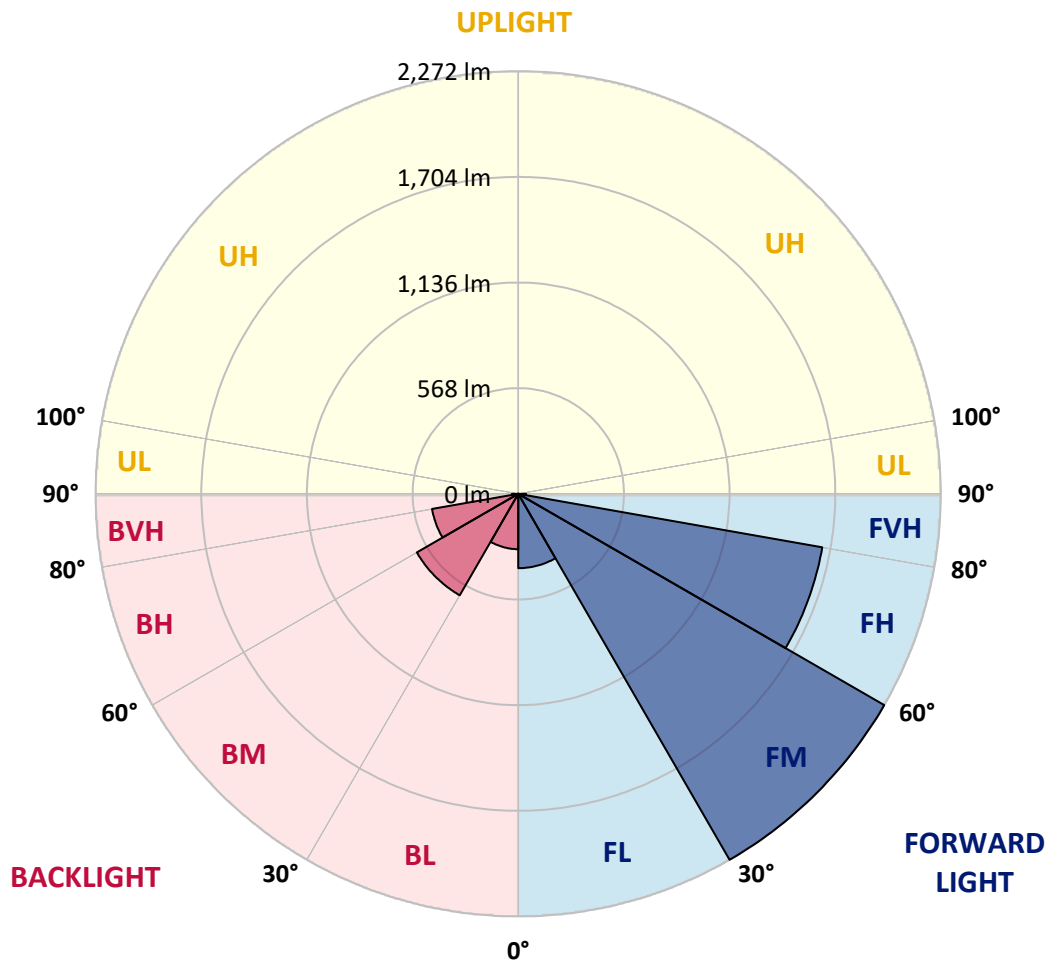


REPORT NUMBER: P846036
 CATALOG NUMBER: GLAN-SB1C-722-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	399.7	6.9			
FM (30°-60°)	2272.0	39.1			
FH (60°-80°)	1659.7	28.6			G1/1800
FVH (80°-90°)	42.5	0.7			G1/100
BL (0°-30°)	297.7	5.1	B1/500		
BM (30°-60°)	629.6	10.8	B1/1000		
BH (60°-80°)	470.3	8.1	B1/500		G1/500
BVH (80°-90°)	33.4	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
 Type II Medium



REPORT NUMBER: P846036

CATALOG NUMBER: GLAN-SB1C-722-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°
0°	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1
2.5°	871.4	876.3	874.8	873.3	873.3	871.1	870.8	867.7	865.3	861.3
5°	882.5	887.7	887.1	888.4	892.4	893.3	894.2	892.4	887.4	882.5
7.5°	872.6	878.5	880.3	887.7	900.1	911.2	919.5	922.9	918.2	911.2
10°	839.4	845.8	852.3	869.9	891.7	917.9	940.1	953.4	952.4	945.7
12.5°	771.9	778.7	792.6	826.8	866.8	913.0	954.3	982.0	991.5	986.6
15°	718.0	723.9	734.3	769.5	821.5	891.7	959.5	1013.4	1037.8	1035.0
17.5°	716.5	718.9	725.4	742.0	782.1	858.5	954.0	1044.2	1090.7	1090.4
20°	743.6	744.5	748.2	751.6	774.4	833.2	939.8	1069.8	1150.2	1150.2
22.5°	781.2	780.5	784.2	781.2	792.3	831.1	930.9	1092.3	1216.4	1221.3
25°	837.5	834.5	833.5	826.4	828.6	851.1	940.7	1117.8	1295.0	1305.1
27.5°	912.7	907.8	904.4	888.0	882.5	892.4	970.9	1148.6	1382.4	1400.0
30°	1010.6	1001.7	996.8	968.4	948.4	950.0	1016.5	1189.6	1473.9	1502.3
32.5°	1144.3	1130.5	1117.2	1070.7	1034.1	1022.0	1075.3	1246.3	1573.1	1618.4
35°	1294.0	1282.9	1268.8	1197.0	1140.6	1112.9	1154.8	1325.5	1689.2	1761.0
37.5°	1438.2	1428.6	1435.4	1338.7	1266.0	1225.6	1258.9	1431.7	1832.5	1938.4
40°	1587.3	1579.9	1580.8	1488.4	1403.7	1358.4	1385.2	1565.1	1996.6	2149.4
42.5°	1749.3	1743.8	1725.3	1643.3	1548.2	1506.0	1530.6	1719.1	2172.8	2389.7
45°	1930.7	1927.3	1910.1	1816.1	1707.1	1659.7	1692.9	1889.1	2350.0	2615.8
47.5°	2087.5	2090.3	2088.1	2009.0	1895.9	1826.3	1866.0	2066.6	2514.8	2828.3
50°	2163.0	2177.5	2198.7	2174.1	2103.8	2033.0	2040.7	2237.8	2671.8	3027.6
52.5°	2123.6	2151.0	2208.9	2248.3	2275.4	2260.6	2240.0	2407.9	2819.7	3207.5
55°	1976.6	2015.1	2111.2	2206.4	2344.7	2452.2	2479.3	2596.4	2963.9	3365.8
57.5°	1708.9	1771.5	1857.7	2050.2	2283.1	2544.9	2758.4	2857.9	3116.6	3534.9
60°	1250.0	1333.8	1441.0	1727.4	2067.5	2495.3	2995.9	3259.6	3333.8	3754.0
62.5°	800.0	851.7	950.3	1220.1	1611.0	2241.2	3068.6	3761.7	3701.9	4113.1
65°	547.7	580.9	671.2	822.7	1041.4	1668.3	2873.9	4138.1	4286.5	4682.4
67.5°	398.0	423.2	500.2	633.0	678.6	987.2	2230.1	4120.8	4854.9	5268.8
70°	290.2	308.0	372.7	500.2	522.1	549.2	1351.0	3502.9	4842.5	5424.7
72.5°	215.0	227.3	270.8	388.1	422.6	370.9	668.7	2545.9	4161.2	4906.6
75°	155.6	164.8	196.8	296.9	338.2	282.5	333.6	1487.8	2902.6	3451.5
77.5°	118.9	126.0	146.9	217.5	270.8	211.9	207.0	684.4	1376.3	1383.1
80°	95.5	100.1	111.5	153.1	207.6	158.6	134.9	276.3	434.9	368.1
82.5°	70.2	77.9	94.3	107.5	148.5	109.4	82.2	139.5	165.4	142.3
85°	40.0	45.3	57.0	77.0	94.9	66.8	47.1	61.9	77.0	63.1
87.5°	14.2	18.5	20.0	30.2	41.3	27.7	18.2	17.9	25.3	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P846036
 CATALOG NUMBER: GLAN-SB1C-722-U-T2

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
851.1	0°	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1	851.1
860.3	2.5°	857.2	855.7	849.5	841.2	832.6	824.3	821.5	815.7	811.7	809.5
880.3	5°	874.5	869.6	855.1	836.6	817.2	796.3	781.5	767.9	758.1	748.8
907.8	7.5°	899.1	890.5	865.6	833.2	798.7	763.9	738.0	718.3	705.1	696.5
939.8	10°	927.8	914.5	876.3	828.0	774.7	724.8	694.3	677.4	669.0	664.4
976.5	12.5°	960.7	942.0	887.4	816.0	738.0	681.1	660.1	655.2	655.5	655.8
1022.7	15°	1001.4	975.2	896.4	789.8	690.3	647.5	643.8	651.8	660.1	664.1
1075.0	17.5°	1047.3	1010.3	897.9	746.7	643.5	625.9	637.6	654.9	667.5	673.0
1133.5	20°	1096.6	1046.1	886.8	685.7	605.0	608.4	629.3	651.5	665.3	672.4
1200.4	22.5°	1153.0	1084.3	860.3	621.6	573.6	589.3	613.9	635.5	649.9	657.0
1278.9	25°	1217.3	1127.1	818.7	567.7	546.4	567.7	592.3	610.2	621.9	628.4
1366.7	27.5°	1288.8	1171.7	763.3	524.9	522.7	545.5	565.9	579.7	585.9	590.8
1460.1	30°	1360.6	1212.4	696.1	492.5	502.1	523.7	538.1	544.3	546.1	547.1
1564.2	32.5°	1438.2	1247.5	625.6	465.7	482.4	502.4	511.0	513.8	505.2	499.3
1690.5	35°	1532.1	1285.1	556.6	444.5	463.0	480.2	483.0	480.5	470.4	458.3
1848.8	37.5°	1648.3	1331.9	501.5	429.4	444.8	456.2	452.8	452.2	453.1	438.9
2039.2	40°	1790.6	1392.9	461.1	417.7	430.0	432.5	422.9	428.2	432.8	411.2
2248.0	42.5°	1948.6	1466.5	435.6	409.7	417.7	411.8	397.1	402.9	402.3	373.9
2457.8	45°	2109.7	1546.6	426.6	403.8	406.3	394.6	378.3	379.8	366.9	341.3
2658.9	47.5°	2269.9	1632.6	432.2	398.9	392.1	378.9	366.2	359.5	340.4	321.3
2851.7	50°	2427.0	1722.8	452.5	389.0	372.7	365.0	355.8	343.8	323.4	307.1
3034.1	52.5°	2572.7	1813.7	475.3	372.7	348.4	353.0	347.1	333.3	313.3	296.6
3206.6	55°	2710.7	1904.5	484.2	350.2	325.6	342.5	339.1	313.6	289.5	276.0
3387.1	57.5°	2861.0	2013.9	474.4	321.6	307.1	330.5	317.6	289.2	275.4	265.2
3622.1	60°	3069.2	2185.5	453.1	286.2	289.5	312.6	290.5	278.8	263.7	252.3
3974.5	62.5°	3415.1	2505.5	418.9	251.0	268.9	286.2	277.5	265.8	250.4	239.3
4577.0	65°	3926.5	2950.3	354.5	223.6	245.8	260.3	263.7	252.0	236.0	224.2
5105.0	67.5°	4357.7	3229.4	268.3	200.8	222.1	239.3	248.9	237.5	220.5	209.2
5228.5	70°	4334.0	3026.7	204.8	178.3	201.1	218.7	231.0	222.1	203.9	193.1
4749.2	72.5°	3849.4	2532.0	165.7	155.6	179.9	197.1	211.9	205.1	186.7	176.2
3479.2	75°	2828.0	1797.4	132.5	132.5	153.4	174.7	191.0	186.7	169.7	162.3
1460.7	77.5°	1192.1	754.1	103.8	110.0	127.5	150.0	170.3	171.9	157.1	166.3
386.3	80°	317.0	207.9	79.2	86.6	100.1	123.8	148.2	147.5	131.5	122.9
143.5	82.5°	120.7	81.9	56.4	61.0	72.4	94.9	117.4	121.1	105.0	90.9
56.4	85°	46.5	35.1	34.8	36.7	42.2	62.8	88.7	91.8	79.2	67.2
15.7	87.5°	12.0	10.5	12.9	12.3	19.4	33.6	50.8	52.7	48.4	28.0
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°
851.1
812.0
752.5
698.3
665.7
656.4
663.8
674.3
674.3
658.9
630.2
592.6
549.2
501.2
459.0
439.9
411.8
373.6
342.2
321.3
305.9
296.9
274.8
264.3
251.7
239.3
224.9
209.5
194.1
176.2
160.2
150.9
114.3
90.9
69.3
40.0
0.0

F REPORT)