

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: P852754

Luminaire Tested: **GLAN-SB6A-930-U-T4FT-HSS**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-25)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB6A-930-U-T4FT-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(6) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13895 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

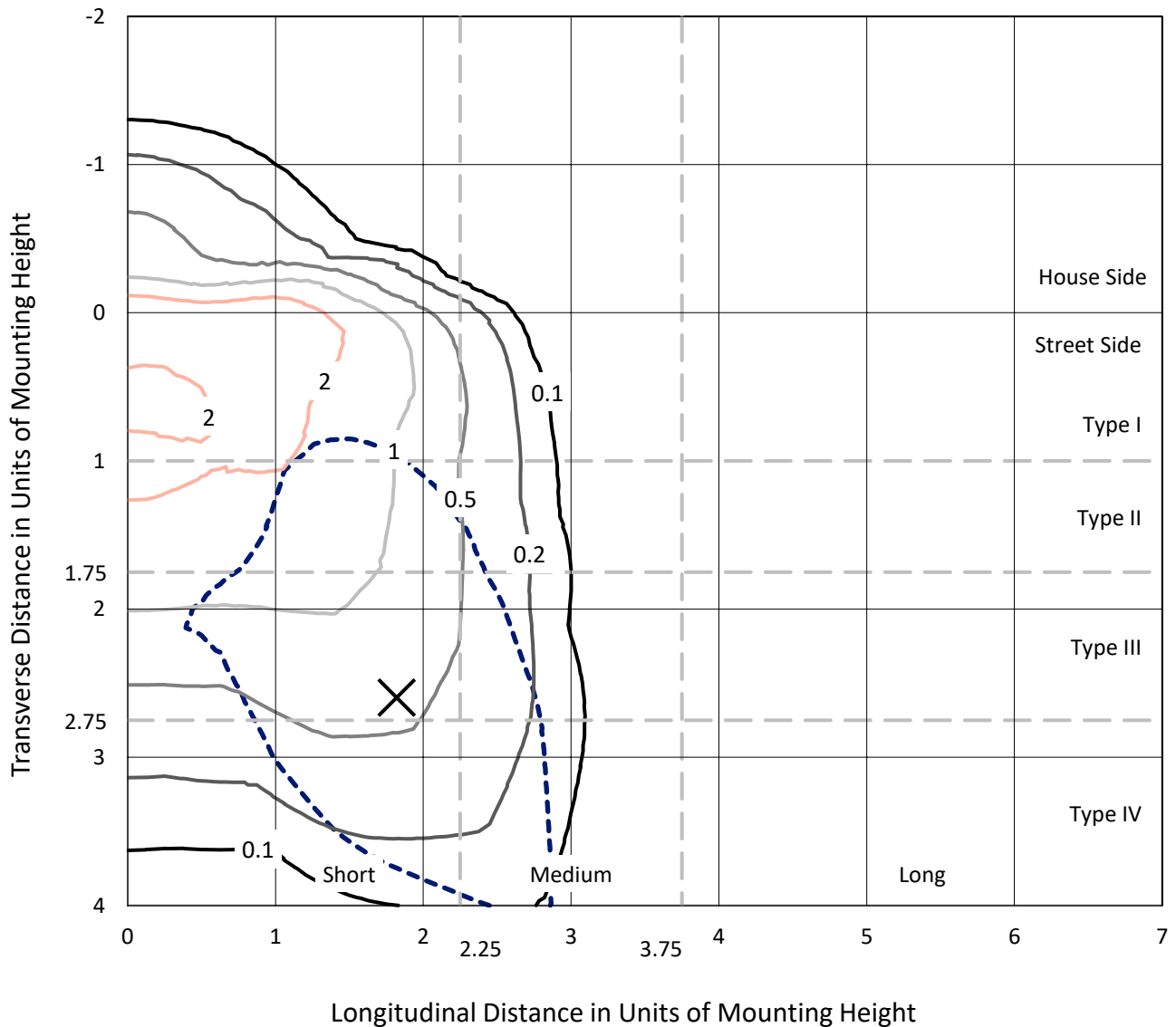
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P852754
 CATALOG NUMBER: GLAN-SB6A-930-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination

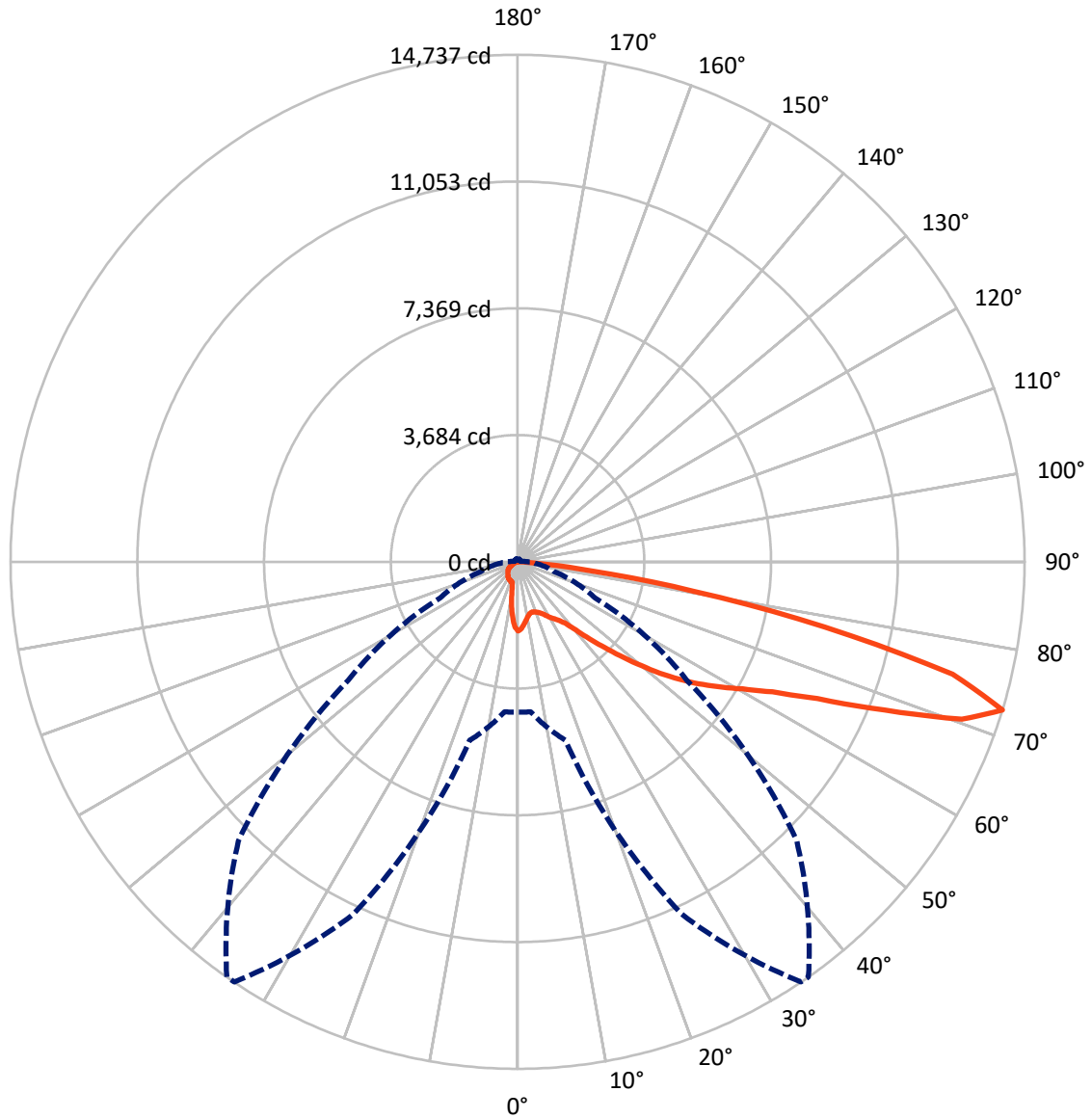
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P852754
CATALOG NUMBER: GLAN-SB6A-930-U-T4FT-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 72.5-Deg Vertical

REPORT NUMBER: P852754
 CATALOG NUMBER: GLAN-SB6A-930-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1563.8	0.0	1563.8
	% Fixture	11.3	0.0	11.3
Street Side	Lumens	12331.2	0.0	12331.2
	% Fixture	88.7	0.0	88.7
Total	Lumens	13895.0	0.0	13895.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.5	1.2
10°-20°	387.1	2.8
20°-30°	628.9	4.5
30°-40°	1049.3	7.6
40°-50°	1985.3	14.3
50°-60°	3154.6	22.7
60°-70°	3902.5	28.1
70°-80°	2425.8	17.5
80°-90°	196.0	1.4
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°	13895.0	100.0
0°-180°	13895.0	100.0

Coefficient of Utilization



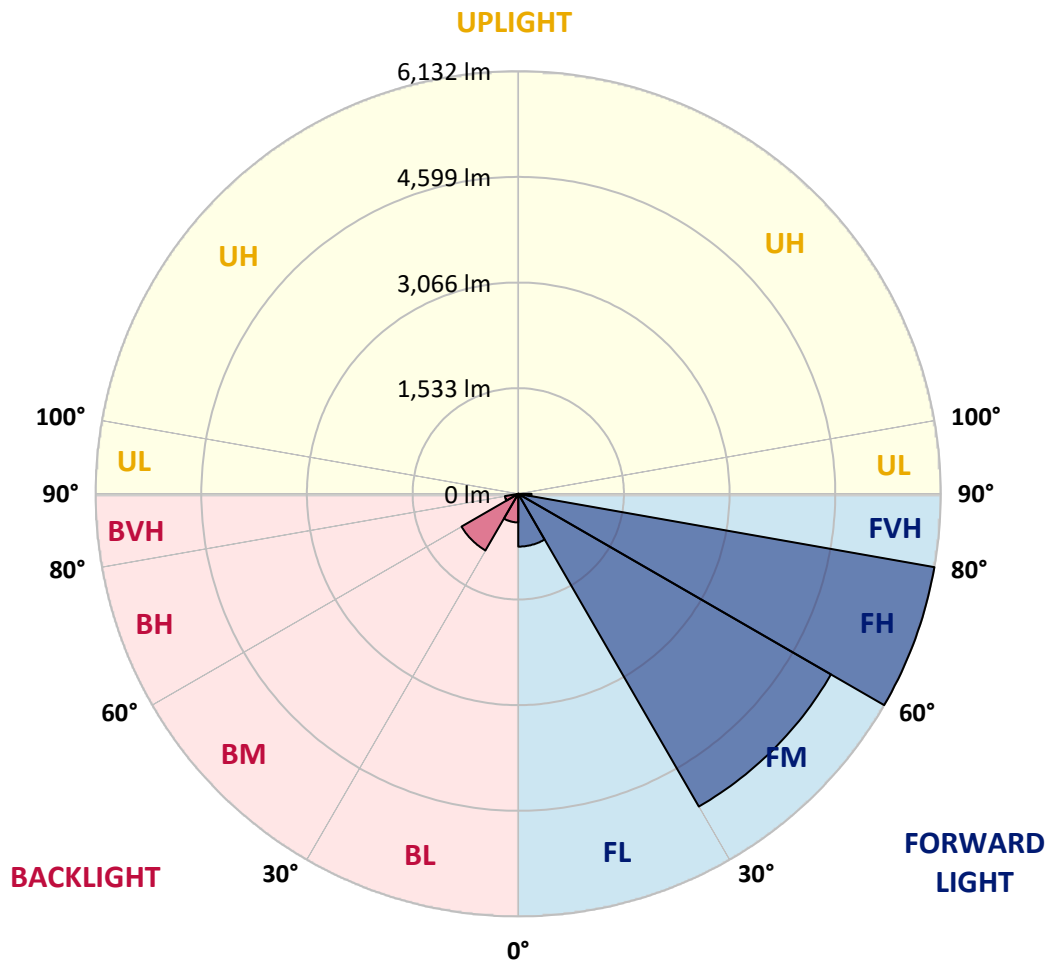
REPORT NUMBER: P852754
 CATALOG NUMBER: GLAN-SB6A-930-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	766.0	5.5			
FM (30°-60°)	5239.8	37.7			
FH (60°-80°)	6132.0	44.1			G3/7500
FVH (80°-90°)	193.4	1.4			G2/225
BL (0°-30°)	415.5	3.0	B1/500		
BM (30°-60°)	949.4	6.8	B1/1000		
BH (60°-80°)	196.2	1.4	B1/500		G1/500
BVH (80°-90°)	2.7	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-G3

Type IV Short



REPORT NUMBER: P852754
 CATALOG NUMBER: GLAN-SB6A-930-U-T4FT-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°
0°	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9
2.5°	1924.3	1940.5	1943.6	1948.7	1948.7	1954.8	1965.0	1979.2	2002.7	2014.9
5°	1773.6	1785.8	1801.1	1813.3	1836.7	1839.8	1879.5	1918.1	1972.1	2012.8
7.5°	1621.9	1636.1	1656.5	1686.0	1716.6	1725.7	1785.8	1851.0	1936.5	2012.8
10°	1515.0	1516.0	1534.3	1563.8	1612.7	1623.9	1697.2	1789.9	1896.8	2000.6
12.5°	1454.9	1462.0	1470.2	1492.6	1539.4	1546.5	1624.9	1733.9	1857.1	1993.5
15°	1454.9	1460.0	1465.1	1476.3	1514.0	1520.1	1589.3	1698.2	1836.7	1996.5
17.5°	1470.2	1478.3	1474.2	1487.5	1527.2	1531.3	1592.3	1688.1	1835.7	2015.9
20°	1506.8	1512.9	1504.8	1512.9	1552.6	1560.8	1623.9	1707.4	1853.0	2049.5
22.5°	1564.9	1567.9	1548.6	1554.7	1595.4	1605.6	1678.9	1762.4	1894.7	2103.4
25°	1638.2	1644.3	1614.7	1621.9	1660.6	1672.8	1757.3	1844.8	1960.9	2177.8
27.5°	1722.7	1725.7	1700.3	1699.3	1749.1	1766.4	1852.0	1946.7	2049.5	2271.4
30°	1819.4	1828.6	1804.1	1800.0	1863.2	1877.4	1961.9	2071.9	2179.8	2411.9
32.5°	1895.7	1902.9	1888.6	1898.8	1962.9	1974.1	2095.3	2249.0	2384.4	2611.5
35°	2005.7	2009.8	1977.2	1995.5	2068.8	2097.3	2277.5	2497.5	2642.0	2861.9
37.5°	2403.8	2403.8	2265.3	2174.7	2245.0	2270.4	2527.0	2810.0	2959.7	3197.9
40°	2954.6	2945.4	2742.8	2557.5	2548.4	2598.3	2882.3	3204.0	3370.0	3601.1
42.5°	3542.1	3527.8	3251.9	3068.6	3038.1	3055.4	3292.6	3689.7	3858.7	4092.9
45°	4063.3	4059.3	3806.8	3560.4	3505.4	3560.4	3804.7	4257.8	4379.0	4625.3
47.5°	4500.1	4500.1	4315.8	4155.0	4126.5	4159.0	4498.1	4888.0	4876.8	5192.4
50°	5003.1	4999.0	4823.9	4754.6	4784.2	4830.0	5296.3	5551.8	5392.0	5749.4
52.5°	5355.3	5379.8	5319.7	5308.5	5459.2	5538.6	6106.7	6201.4	5853.2	6277.8
55°	5634.3	5662.8	5732.0	5810.4	6100.6	6204.5	6891.7	6817.4	6239.1	6735.9
57.5°	6029.3	5988.6	6095.5	6250.3	6719.6	6844.9	7652.2	7398.7	6549.6	7107.5
60°	6508.9	6515.0	6533.3	6728.8	7337.6	7498.5	8401.6	7948.5	6749.2	7335.6
62.5°	7085.1	7094.3	7132.0	7432.3	8167.4	8319.1	9199.8	8398.5	6840.8	7271.4
65°	7045.4	7084.1	7504.6	8531.9	9428.9	9578.5	10131.4	8714.1	6702.3	6685.0
67.5°	6418.3	6481.4	7184.9	9845.3	11330.7	11497.7	11257.4	8776.2	6104.7	5198.5
70°	5595.6	5618.0	6464.1	11026.3	13532.9	13701.9	12265.4	8093.1	4632.5	2899.6
72.5°	4369.8	4374.9	5367.6	11300.2	14728.2	14737.4	11474.3	6008.0	2491.4	1113.8
75°	3121.6	3091.0	3595.0	9164.1	12957.7	13061.5	8602.1	2818.2	951.9	526.4
77.5°	1673.8	1707.4	2034.2	5434.8	8951.4	9128.5	4693.6	812.5	484.6	358.4
80°	517.2	545.7	833.8	2488.3	5070.3	5177.2	1740.0	361.4	338.0	255.5
82.5°	162.9	169.0	388.9	1045.6	2104.5	2153.3	504.0	204.6	231.1	169.0
85°	46.8	47.9	173.1	389.9	520.3	530.4	141.5	79.4	132.4	104.9
87.5°	5.1	16.3	65.2	65.2	45.8	44.8	15.3	17.3	37.7	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P852754
 CATALOG NUMBER: GLAN-SB6A-930-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
2013.9	0°	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9	2013.9
2023.0	2.5°	2017.9	2018.9	2005.7	1983.3	1958.9	1938.5	1913.1	1892.7	1878.4	1874.4
2041.3	5°	2032.2	2025.1	1987.4	1919.2	1837.7	1767.5	1689.1	1627.0	1586.2	1568.9
2060.7	7.5°	2053.6	2033.2	1950.7	1816.3	1660.6	1522.1	1381.6	1272.7	1203.4	1168.8
2079.0	10°	2071.9	2031.2	1889.6	1667.7	1429.4	1219.7	1030.3	899.0	825.7	791.1
2100.4	12.5°	2089.2	2030.1	1810.2	1491.6	1168.8	912.2	736.1	670.9	650.6	643.5
2135.0	15°	2121.8	2033.2	1710.5	1290.0	909.2	689.3	625.1	624.1	628.2	626.1
2188.0	17.5°	2166.6	2036.3	1597.4	1076.2	701.5	607.8	604.8	613.9	620.0	617.0
2254.1	20°	2224.6	2048.5	1477.3	864.4	602.7	587.5	594.6	602.7	607.8	602.7
2342.7	22.5°	2306.1	2069.8	1346.0	694.4	571.2	575.2	581.3	590.5	595.6	588.5
2455.7	25°	2405.8	2103.4	1216.7	603.7	555.9	561.0	570.2	580.3	586.4	579.3
2598.3	27.5°	2535.1	2157.4	1097.5	583.4	540.6	543.7	556.9	572.2	580.3	571.2
2800.9	30°	2722.5	2246.0	994.7	592.5	531.5	524.3	542.7	564.0	573.2	565.1
3076.8	32.5°	2970.9	2371.2	931.6	606.8	527.4	501.9	519.2	546.7	562.0	556.9
3437.2	35°	3296.7	2561.6	907.1	623.1	524.3	478.5	490.7	520.3	546.7	551.8
3891.3	37.5°	3691.7	2826.3	914.3	630.2	515.2	459.2	465.3	490.7	525.4	541.6
4402.4	40°	4140.7	3134.8	955.0	623.1	505.0	442.9	443.9	463.2	493.8	518.2
4952.2	42.5°	4604.0	3495.2	1030.3	596.6	495.8	428.6	425.6	438.8	459.2	476.5
5500.9	45°	5044.8	3865.8	1104.7	560.0	484.6	414.4	407.3	412.3	416.4	423.5
6035.4	47.5°	5429.7	4126.5	1083.3	526.4	469.4	398.1	385.9	383.8	371.6	370.6
6512.9	50°	5695.4	4183.5	962.1	492.8	447.0	379.8	360.4	348.2	326.8	316.6
6870.3	52.5°	5779.9	3958.5	786.0	459.2	410.3	355.3	327.8	308.5	282.0	272.9
7076.0	55°	5667.9	3517.6	628.2	418.4	359.4	322.7	292.2	266.7	245.4	234.2
7098.4	57.5°	5394.0	2956.6	496.8	370.6	305.4	286.1	255.5	230.1	211.8	200.6
6849.9	60°	4939.9	2347.8	393.0	313.6	260.6	246.4	214.8	198.5	182.2	169.0
6208.5	62.5°	4250.7	1675.8	308.5	248.4	217.9	201.6	183.3	171.0	151.7	133.4
5055.0	65°	3317.1	1025.3	238.2	182.2	175.1	167.0	155.8	144.6	121.2	102.8
3297.7	67.5°	2092.2	485.6	170.0	137.4	138.5	134.4	129.3	120.1	102.8	86.5
1477.3	70°	921.4	235.2	112.0	104.9	102.8	102.8	106.9	103.8	87.6	72.3
513.1	72.5°	313.6	126.2	83.5	79.4	74.3	73.3	89.6	86.5	70.3	56.0
255.5	75°	163.9	84.5	61.1	57.0	44.8	54.0	71.3	67.2	49.9	36.7
169.0	77.5°	106.9	60.1	41.7	36.7	25.5	35.6	52.9	46.8	29.5	18.3
111.0	80°	67.2	39.7	24.4	17.3	12.2	19.3	28.5	20.4	11.2	4.1
65.2	82.5°	35.6	20.4	9.2	6.1	5.1	6.1	7.1	5.1	2.0	0.0
33.6	85°	14.3	7.1	3.1	2.0	1.0	0.0	2.0	1.0	0.0	0.0
6.1	87.5°	5.1	1.0	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°
2013.9
1881.5
1575.0
1173.9
792.1
641.4
625.1
616.0
601.7
587.5
578.3
571.2
564.0
556.9
551.8
545.7
526.4
483.6
427.6
369.6
317.7
271.8
234.2
198.5
166.0
130.3
99.8
84.5
69.2
52.9
33.6
16.3
3.1
0.0
0.0
0.0
0.0

F REPORT)