

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: P852253

Luminaire Tested: **GLAN-SB2C-722-U-T4FT**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P852253
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-24)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2C-722-U-T4FT
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE IV
FORWARD THROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11575 lumens
Efficiency: N/A
Efficacy: 114.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

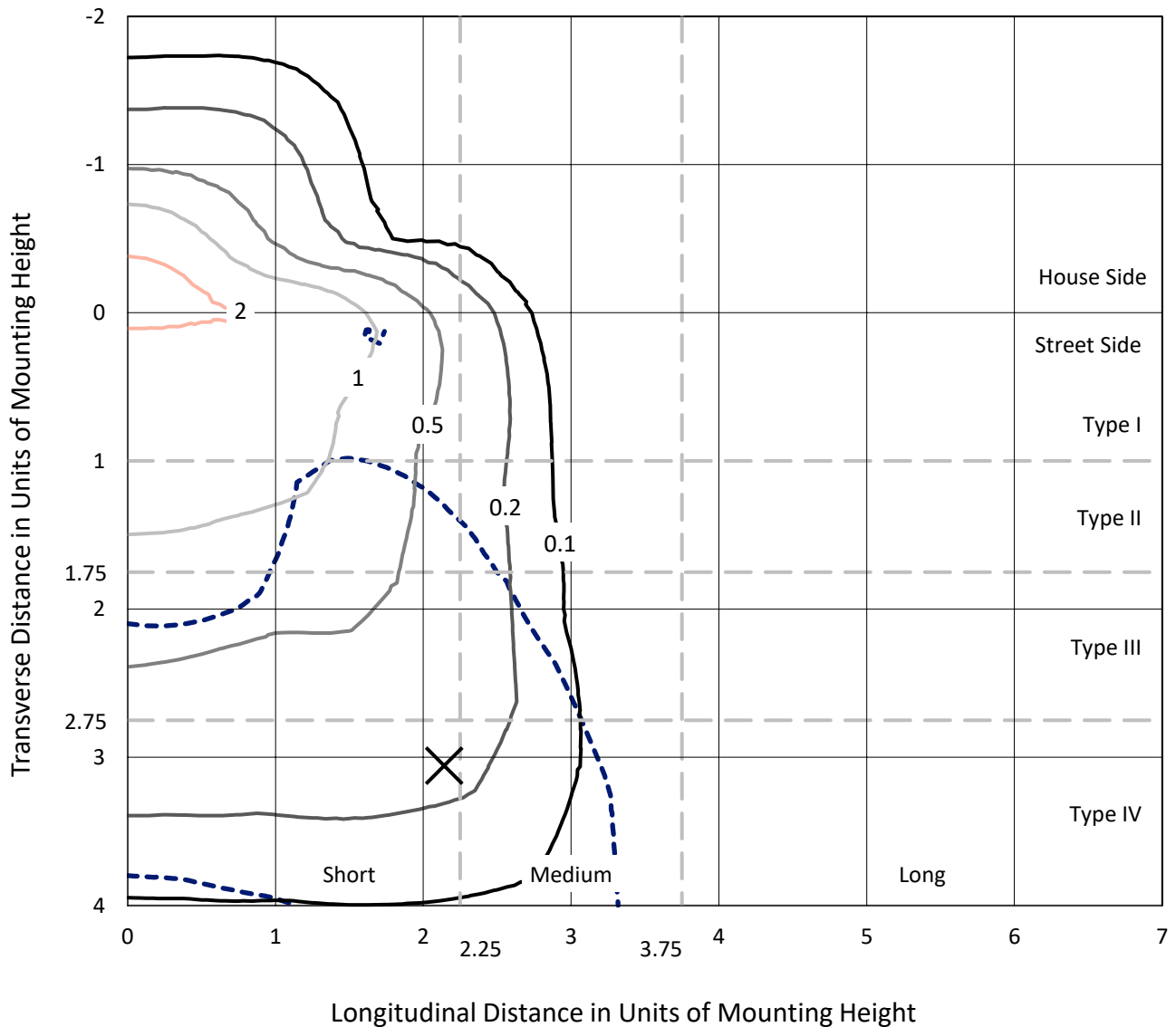
Input Watts (W): 100.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P852253
 CATALOG NUMBER: GLAN-SB2C-722-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination

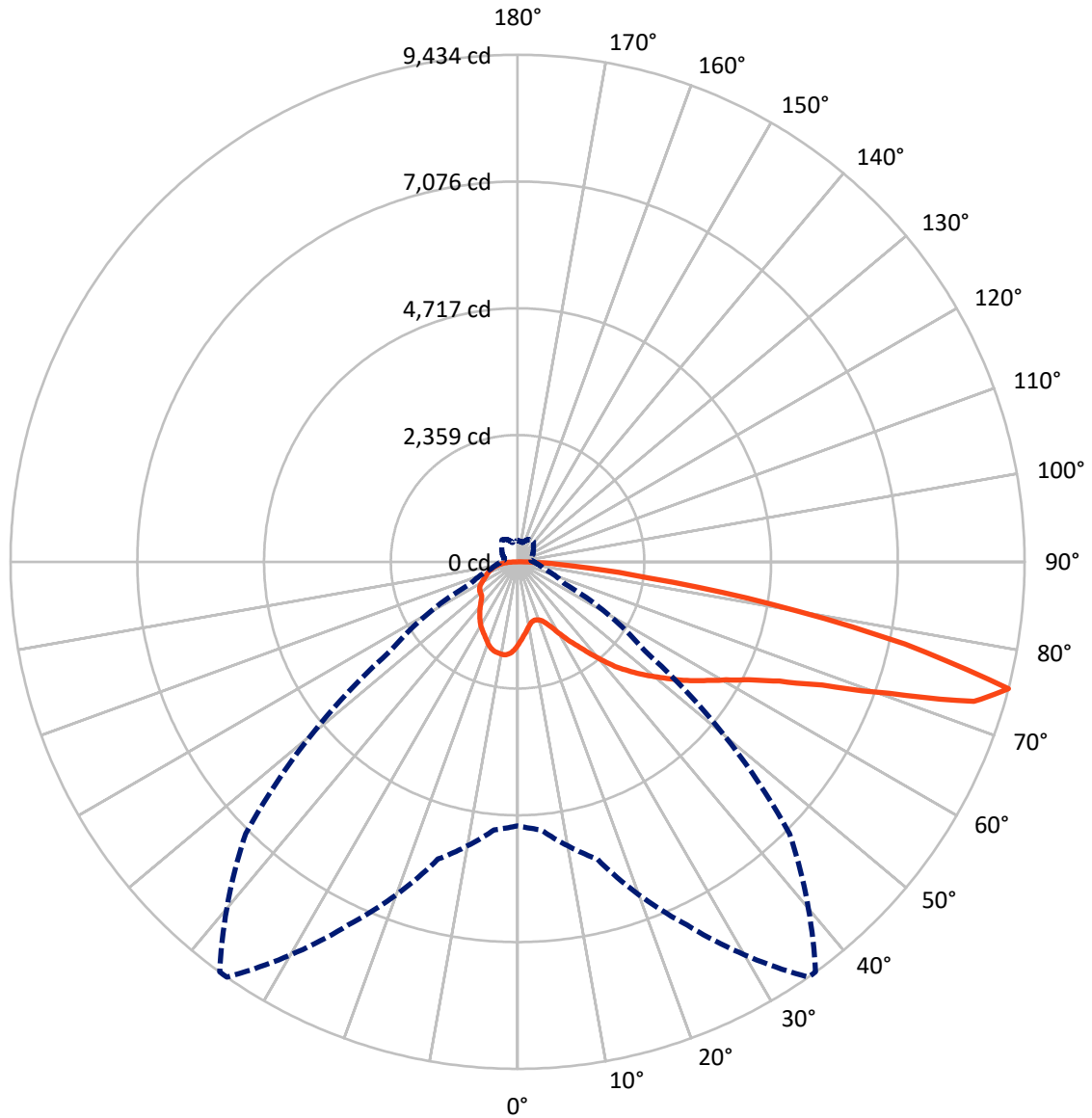
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P852253
CATALOG NUMBER: GLAN-SB2C-722-U-T4FT

Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 75-Deg Vertical

REPORT NUMBER: P852253
 CATALOG NUMBER: GLAN-SB2C-722-U-T4FT

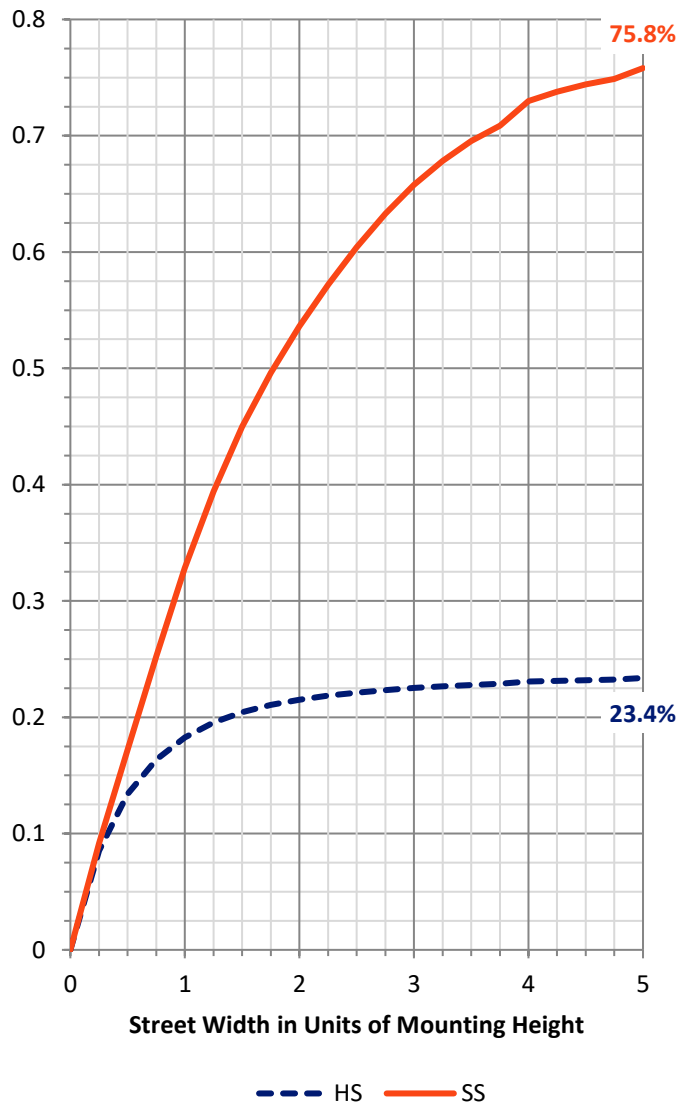
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2754.6	0.0	2754.6
	% Fixture	23.8	0.0	23.8
Street Side	Lumens	8820.4	0.0	8820.4
	% Fixture	76.2	0.0	76.2
Total	Lumens	11575.0	0.0	11575.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.0	1.3
10°-20°	421.2	3.6
20°-30°	707.4	6.1
30°-40°	1099.4	9.5
40°-50°	1631.7	14.1
50°-60°	2252.7	19.5
60°-70°	2733.0	23.6
70°-80°	2258.7	19.5
80°-90°	324.9	2.8
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°	11575.0	100.0
0°-180°	11575.0	100.0

Coefficient of Utilization



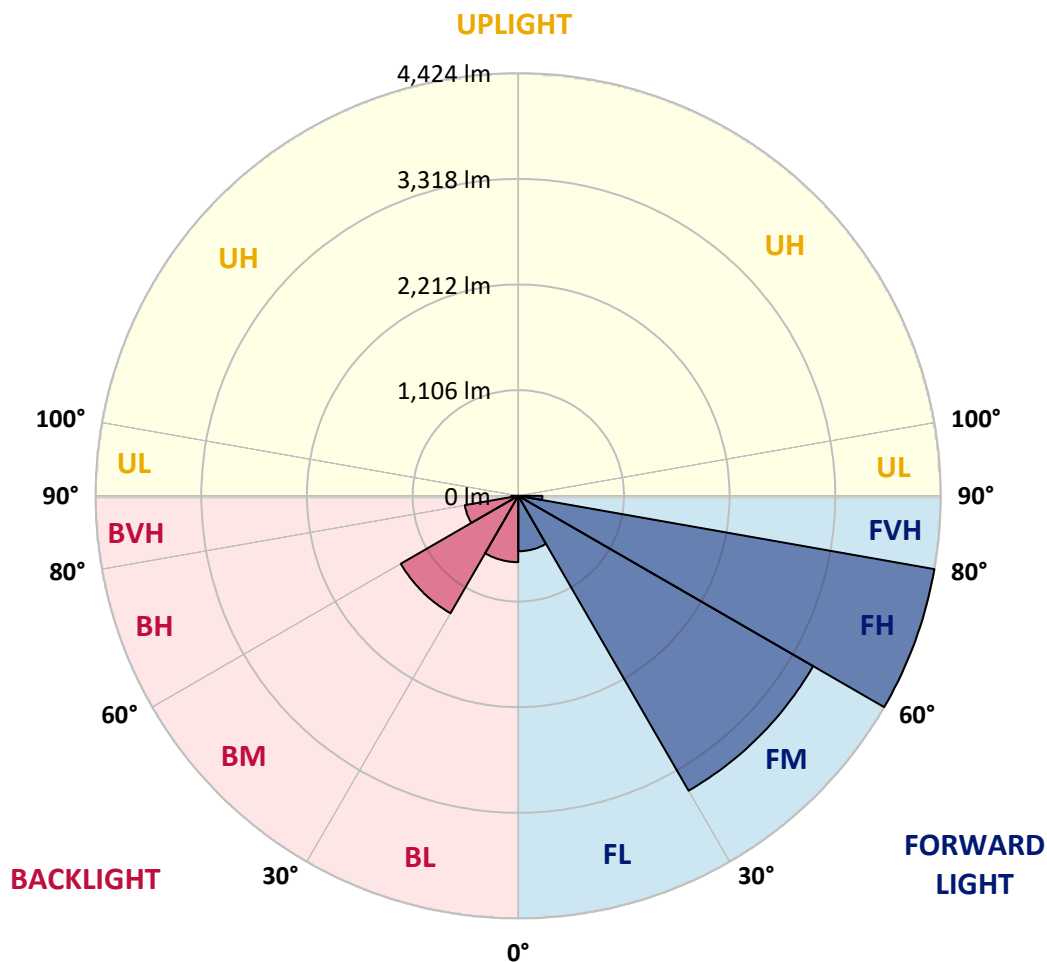
REPORT NUMBER: P852253
 CATALOG NUMBER: GLAN-SB2C-722-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	580.5	5.0			
FM (30°-60°)	3564.5	30.8			
FH (60°-80°)	4423.8	38.2			G2/5000
FVH (80°-90°)	251.7	2.2			G3/500
BL (0°-30°)	694.2	6.0	B2/1000		
BM (30°-60°)	1419.3	12.3	B2/2500		
BH (60°-80°)	567.9	4.9	B2/1000		G2/1000
BVH (80°-90°)	73.1	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



REPORT NUMBER: P852253
 CATALOG NUMBER: GLAN-SB2C-722-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°
0°	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4
2.5°	1422.3	1431.1	1434.8	1432.9	1442.3	1441.1	1454.2	1470.5	1493.0	1514.9
5°	1312.8	1322.2	1330.3	1337.8	1356.0	1361.6	1382.3	1413.5	1454.8	1496.8
7.5°	1210.8	1218.9	1231.5	1245.2	1275.9	1281.5	1315.9	1364.7	1422.3	1483.6
10°	1127.6	1135.7	1148.9	1164.5	1202.7	1209.6	1253.4	1318.4	1393.5	1471.1
12.5°	1091.9	1094.4	1101.9	1117.6	1150.7	1155.1	1203.3	1277.8	1365.4	1461.7
15°	1090.0	1095.0	1095.7	1103.8	1131.3	1133.2	1177.6	1251.5	1347.8	1459.8
17.5°	1108.8	1112.6	1106.9	1111.9	1135.1	1138.2	1173.3	1239.0	1342.2	1468.0
20°	1158.9	1162.0	1145.1	1138.2	1155.1	1157.6	1192.0	1247.1	1347.8	1484.9
22.5°	1265.2	1267.1	1225.8	1197.7	1198.9	1200.2	1230.2	1280.3	1369.7	1515.5
25°	1431.1	1429.8	1364.1	1309.7	1278.4	1271.5	1291.5	1334.1	1406.7	1556.2
27.5°	1625.0	1615.7	1550.0	1468.6	1400.4	1390.4	1386.0	1404.2	1459.2	1610.0
30°	1844.1	1835.3	1764.6	1658.2	1563.7	1547.5	1506.2	1496.8	1537.4	1683.2
32.5°	2084.3	2078.7	1994.2	1865.3	1738.9	1720.2	1650.7	1625.7	1657.6	1794.0
35°	2285.8	2280.8	2210.7	2078.1	1923.5	1900.4	1829.7	1801.5	1817.8	1936.0
37.5°	2467.9	2465.4	2405.3	2300.8	2141.3	2113.1	2033.7	2024.3	2021.1	2123.1
40°	2636.9	2630.6	2568.0	2513.0	2394.7	2369.0	2299.0	2290.8	2267.1	2353.4
42.5°	2824.0	2807.7	2717.0	2691.3	2659.4	2638.1	2596.2	2597.4	2544.9	2613.1
45°	2976.6	2967.3	2874.0	2859.0	2893.4	2884.7	2921.0	2930.3	2828.3	2885.3
47.5°	3140.6	3131.8	3053.0	3042.3	3135.6	3138.1	3266.4	3269.5	3104.9	3168.1
50°	3342.7	3330.2	3252.0	3265.1	3369.6	3379.0	3613.6	3592.4	3359.6	3455.3
52.5°	3476.0	3483.5	3466.6	3487.9	3630.5	3639.3	3955.3	3900.9	3611.8	3738.8
55°	3574.2	3589.2	3641.8	3690.6	3905.9	3914.6	4277.6	4194.3	3820.8	4001.6
57.5°	3700.6	3679.3	3777.6	3872.7	4167.4	4190.6	4591.0	4477.2	4006.0	4228.1
60°	3882.1	3867.1	3943.4	4084.2	4460.3	4497.2	4922.7	4731.8	4141.8	4407.7
62.5°	4250.0	4212.5	4224.4	4348.9	4829.5	4878.3	5296.9	4954.0	4209.3	4477.8
65°	4800.0	4735.6	4675.5	4761.9	5349.4	5397.6	5719.3	5128.6	4184.3	4342.0
67.5°	5492.7	5428.9	5355.1	5436.4	6115.3	6153.5	6240.5	5226.8	3987.2	3818.9
70°	6064.0	6040.3	6128.5	6463.3	7338.7	7339.9	6908.8	5145.5	3447.2	2707.6
72.5°	5988.3	5973.9	6438.9	7473.8	8880.5	8847.3	7541.4	4529.7	2322.1	1221.4
75°	4912.7	5005.9	5726.1	7455.7	9434.3	9429.9	7154.1	2879.7	960.5	506.2
77.5°	2634.4	2782.0	3717.5	5504.6	7365.0	7475.7	5029.7	1007.4	412.4	324.1
80°	859.1	988.0	1481.8	2802.7	4785.7	4765.0	2155.7	395.5	282.2	229.6
82.5°	364.8	379.8	662.0	1323.4	2456.0	2417.9	686.4	227.1	198.4	157.1
85°	142.7	159.6	292.2	612.0	1063.8	1040.6	247.8	112.6	127.0	102.6
87.5°	46.9	56.9	104.5	209.6	331.0	319.1	60.7	38.8	55.1	46.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P852253
 CATALOG NUMBER: GLAN-SB2C-722-U-T4FT

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1542.4	0°	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4	1542.4
1546.8	2.5°	1555.6	1565.6	1577.5	1595.0	1610.0	1622.5	1635.7	1643.8	1646.9	1656.3
1549.3	5°	1566.9	1588.8	1618.2	1646.9	1675.1	1692.0	1707.0	1714.5	1721.4	1726.4
1556.2	7.5°	1585.6	1613.8	1660.1	1697.6	1721.4	1735.2	1745.2	1742.7	1745.2	1746.4
1563.7	10°	1601.9	1641.3	1696.4	1732.0	1750.2	1750.8	1748.3	1739.6	1735.2	1735.8
1575.0	12.5°	1621.3	1665.1	1724.5	1754.6	1759.6	1745.8	1735.2	1720.2	1714.5	1712.0
1591.9	15°	1647.6	1697.6	1755.2	1766.5	1753.9	1736.4	1718.3	1693.9	1681.4	1671.3
1620.7	17.5°	1679.5	1734.5	1779.0	1770.8	1743.9	1715.2	1685.7	1648.8	1623.2	1612.5
1660.1	20°	1723.9	1773.3	1797.1	1761.5	1720.8	1677.0	1626.9	1581.9	1558.1	1547.5
1710.1	22.5°	1777.7	1825.3	1814.6	1745.2	1687.6	1617.5	1555.0	1521.8	1509.9	1502.4
1774.6	25°	1842.2	1882.8	1827.2	1721.4	1633.2	1538.7	1490.5	1479.9	1474.2	1468.6
1853.4	27.5°	1926.0	1947.9	1836.5	1686.4	1548.1	1454.8	1437.3	1439.2	1437.3	1427.9
1962.9	30°	2036.8	2032.4	1845.3	1629.4	1450.5	1379.1	1380.4	1388.5	1389.8	1383.5
2115.6	32.5°	2182.6	2138.2	1849.7	1555.6	1357.2	1312.8	1314.1	1322.8	1329.1	1318.4
2315.2	35°	2359.0	2261.4	1842.8	1463.0	1285.3	1249.6	1240.2	1242.7	1244.6	1234.6
2557.4	37.5°	2564.9	2399.7	1812.1	1360.4	1225.8	1187.7	1167.6	1150.7	1140.7	1131.3
2831.5	40°	2790.8	2550.5	1755.8	1260.2	1159.5	1122.0	1091.9	1060.0	1026.2	1013.7
3121.8	42.5°	3027.3	2705.7	1687.6	1164.5	1083.2	1052.5	1020.6	974.3	923.6	897.9
3423.4	45°	3272.6	2864.6	1620.7	1070.0	1004.9	991.8	954.9	899.2	844.1	811.6
3725.7	47.5°	3512.9	3014.8	1522.4	974.9	931.7	946.1	917.3	866.0	804.7	753.4
4025.4	50°	3742.5	3155.6	1361.6	878.5	872.3	932.4	904.8	831.0	760.9	695.2
4319.5	52.5°	3970.3	3269.5	1155.7	790.9	840.4	928.6	888.5	807.2	721.5	652.6
4596.1	55°	4163.7	3328.3	957.4	715.8	794.1	896.7	869.2	779.0	665.8	592.6
4785.7	57.5°	4273.8	3280.8	792.2	642.0	730.2	844.1	836.0	719.0	599.5	543.1
4822.6	60°	4226.2	3088.0	657.0	577.6	669.5	787.2	778.4	659.5	548.8	495.6
4624.8	62.5°	3964.1	2720.7	550.0	521.2	614.5	729.0	720.9	613.9	510.0	458.7
4099.8	65°	3435.9	2213.2	466.8	474.3	558.8	658.9	670.8	575.7	479.3	429.3
3171.9	67.5°	2620.6	1603.1	401.7	433.6	504.3	590.1	624.5	548.1	453.7	406.1
1835.3	70°	1493.6	910.5	346.7	394.2	456.2	526.2	588.8	526.2	426.1	386.7
687.7	72.5°	566.3	418.0	299.7	354.8	409.9	472.4	549.4	491.8	394.2	364.8
355.4	75°	302.2	254.7	252.2	308.5	356.7	419.9	500.0	458.0	370.4	385.5
245.9	77.5°	205.9	180.2	210.9	264.1	298.5	361.7	447.4	406.7	321.0	319.8
170.2	80°	142.7	127.7	171.5	212.8	230.9	304.1	390.5	349.2	261.6	244.0
105.1	82.5°	85.7	83.2	128.3	158.9	163.3	234.7	323.5	292.8	214.0	186.5
62.6	85°	46.9	49.4	82.0	93.2	95.1	163.9	253.4	226.5	164.6	138.3
22.5	87.5°	13.1	16.9	30.0	36.9	45.7	85.1	150.8	134.5	82.6	57.6
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°
1542.4
1655.7
1727.7
1748.3
1737.1
1710.8
1674.5
1613.2
1546.2
1503.7
1468.6
1429.8
1386.6
1323.4
1241.5
1137.6
1019.3
901.1
809.1
747.8
689.6
645.1
586.3
535.6
488.1
450.5
421.1
398.6
381.7
359.8
398.0
294.7
233.4
187.7
139.5
57.6
0.0

F REPORT)