

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: P847417

Luminaire Tested: **GLAN-SB3C-730-U-T3-HSS**

Issue Date: 6/26/2024

Test Information

Test Method: LM-79-08
Report Number: P847417
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-SB3C-730-U-T3-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE III
OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17023 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G3

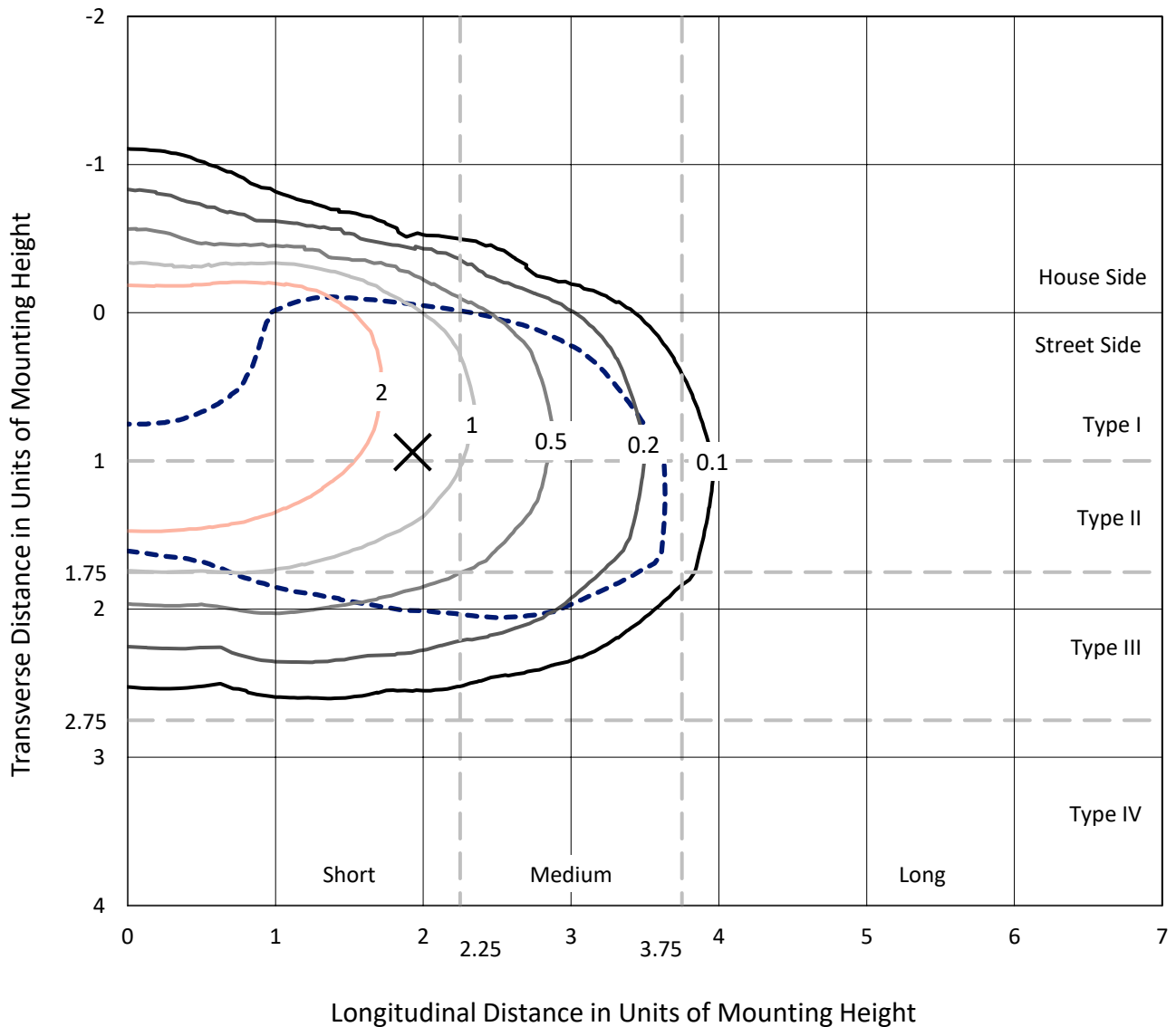
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P847417
 CATALOG NUMBER: GLAN-SB3C-730-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination

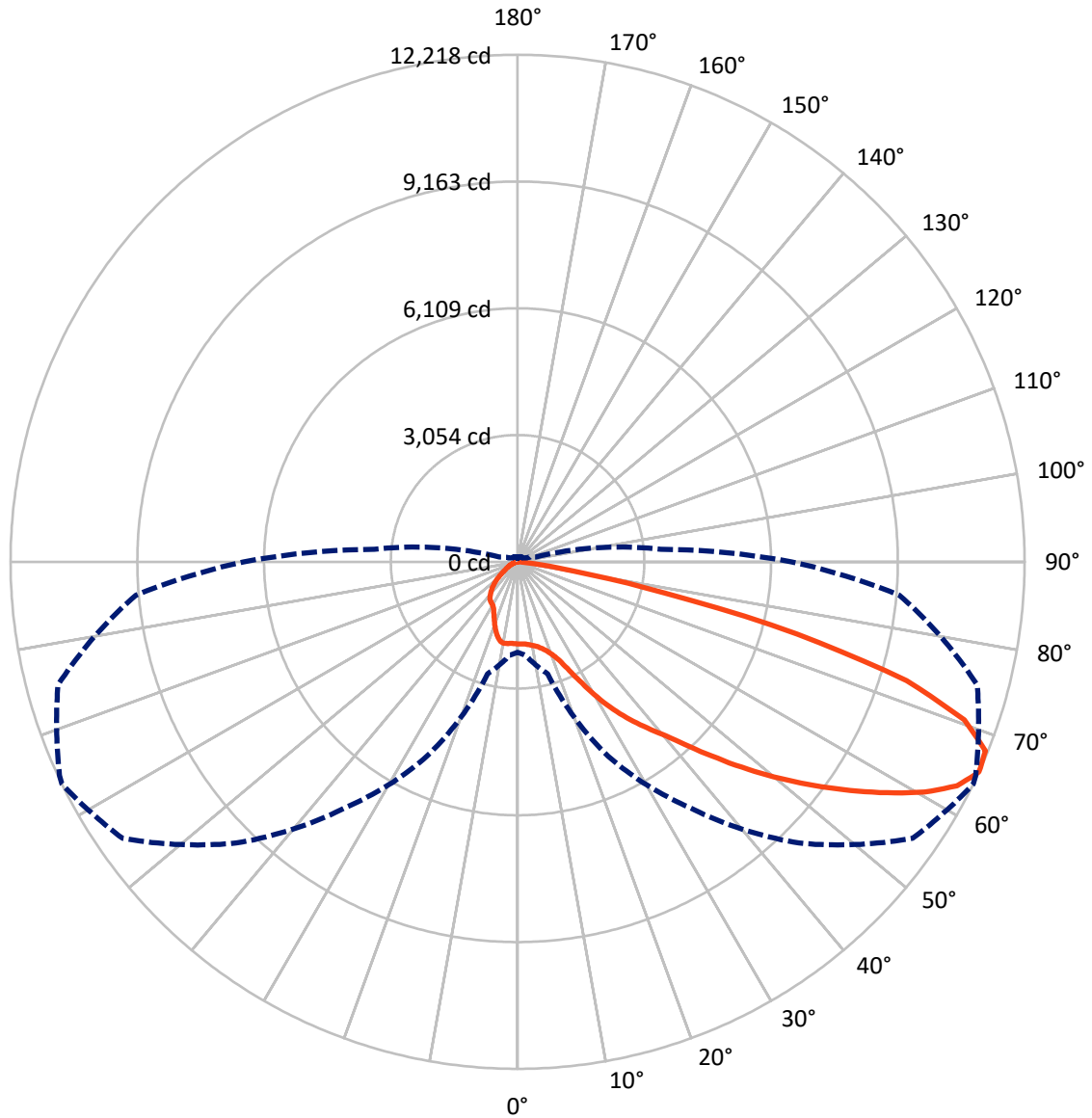
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5 fc
 Type III - Short - N/A

REPORT NUMBER: P847417
CATALOG NUMBER: GLAN-SB3C-730-U-T3-HSS

Luminous Intensity Polar Plot



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

REPORT NUMBER: P847417
 CATALOG NUMBER: GLAN-SB3C-730-U-T3-HSS

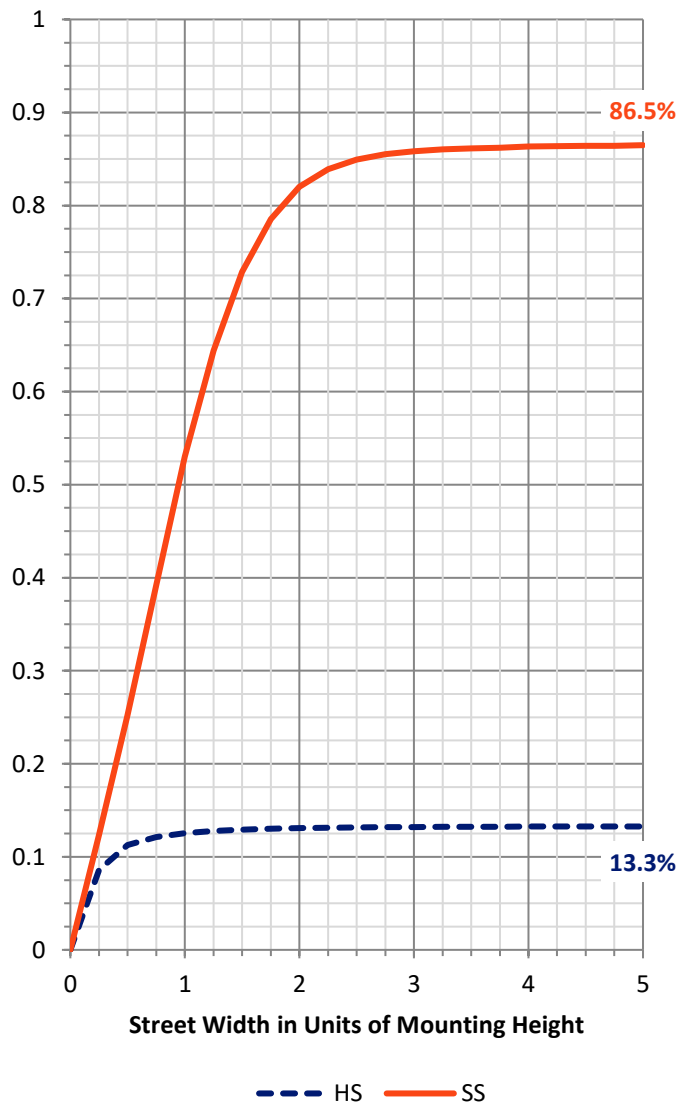
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2276.5	0.0	2276.5
	% Fixture	13.4	0.0	13.4
Street Side	Lumens	14746.5	0.0	14746.5
	% Fixture	86.6	0.0	86.6
Total	Lumens	17023.0	0.0	17023.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.7	1.1
10°-20°	495.5	2.9
20°-30°	938.8	5.5
30°-40°	1899.8	11.2
40°-50°	3236.3	19.0
50°-60°	4401.1	25.9
60°-70°	4132.9	24.3
70°-80°	1655.8	9.7
80°-90°	80.2	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°	17023.0	100.0
0°-180°	17023.0	100.0

Coefficient of Utilization



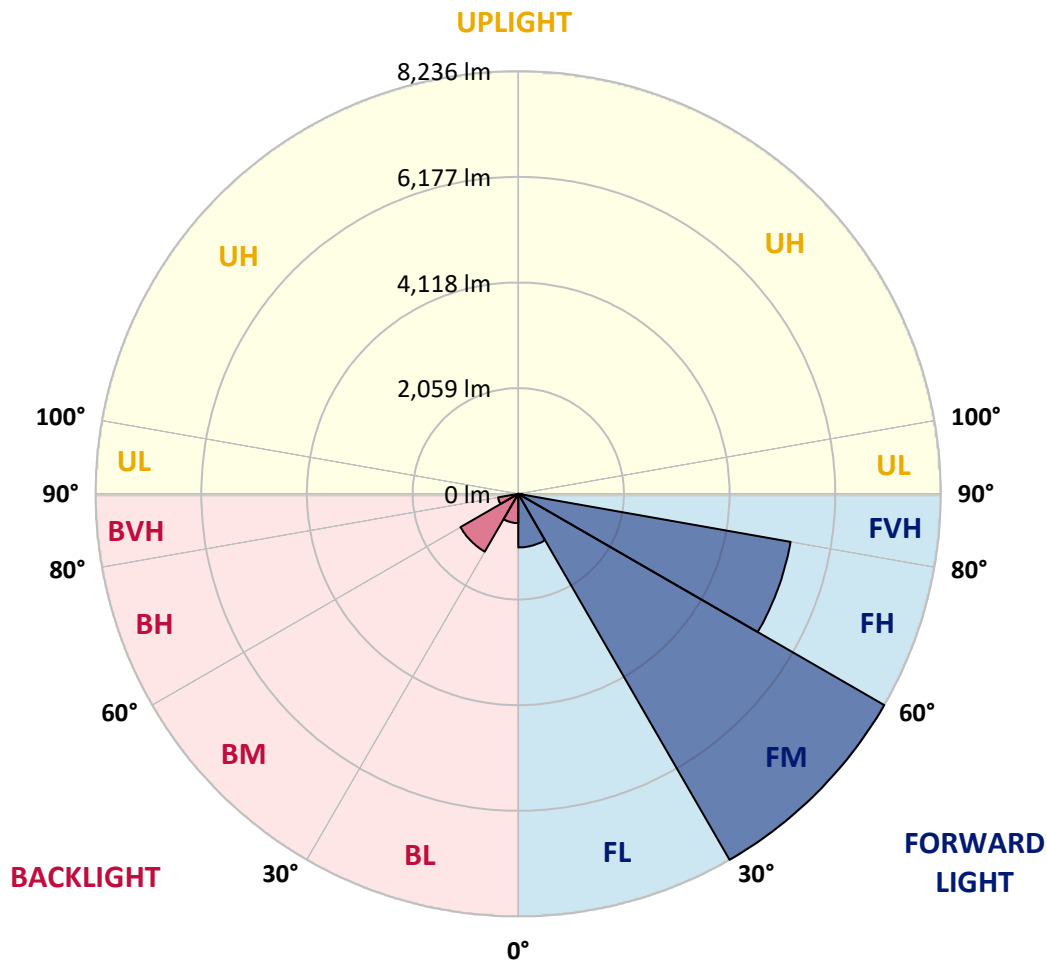
REPORT NUMBER: P847417
 CATALOG NUMBER: GLAN-SB3C-730-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1045.4	6.1			
FM (30°-60°)	8235.7	48.4			
FH (60°-80°)	5389.1	31.7			G3/7500
FVH (80°-90°)	76.3	0.4			G1/100
BL (0°-30°)	571.6	3.4	B2/1000		
BM (30°-60°)	1301.5	7.6	B2/2500		
BH (60°-80°)	399.6	2.3	B1/500		G1/500
BVH (80°-90°)	3.9	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Short



REPORT NUMBER: P847417
 CATALOG NUMBER: GLAN-SB3C-730-U-T3-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°
0°	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0
2.5°	1973.1	1986.8	1983.4	1980.0	1978.8	1981.1	1982.2	1981.1	1981.1	1981.1
5°	1935.4	1946.9	1946.9	1954.8	1966.3	1980.0	1990.2	1992.5	1994.8	1998.2
7.5°	1863.6	1872.7	1879.5	1905.8	1934.3	1970.8	2001.6	2017.6	2019.9	2032.4
10°	1814.5	1825.9	1837.3	1864.7	1905.8	1960.6	2013.0	2051.8	2057.6	2087.2
12.5°	1812.2	1823.6	1838.4	1868.1	1916.0	1974.2	2038.2	2094.1	2104.3	2147.7
15°	1836.2	1849.9	1863.6	1900.1	1951.4	2022.2	2090.6	2160.3	2170.5	2232.2
17.5°	1885.2	1903.5	1913.8	1950.3	2005.1	2083.8	2174.0	2253.8	2263.0	2334.9
20°	1982.2	2003.9	2007.3	2037.0	2090.6	2175.1	2282.4	2381.6	2393.1	2475.2
22.5°	2183.1	2213.9	2186.5	2201.3	2249.3	2333.7	2450.1	2575.6	2591.6	2685.2
25°	2536.8	2580.2	2509.5	2484.4	2504.9	2592.8	2738.8	2897.5	2915.7	2991.0
27.5°	3231.8	3175.9	3068.6	2963.7	2902.0	2952.2	3116.6	3312.9	3335.7	3408.7
30°	3995.3	3946.2	3801.3	3568.5	3422.4	3414.4	3566.2	3785.3	3811.5	3881.2
32.5°	4759.9	4713.1	4555.6	4269.2	4015.8	3890.3	3995.3	4238.4	4252.0	4296.6
35°	5511.9	5464.0	5306.5	5013.2	4701.7	4416.4	4395.8	4669.7	4674.3	4721.1
37.5°	6268.5	6228.6	6060.8	5773.2	5466.3	5072.6	4882.0	5078.3	5084.0	5129.6
40°	6808.3	6825.4	6710.2	6487.6	6224.0	5793.8	5427.5	5513.1	5478.8	5555.3
42.5°	7271.6	7305.9	7205.4	7093.6	6940.7	6561.8	6103.0	6088.2	6033.4	6074.5
45°	7672.2	7700.7	7610.5	7584.3	7580.9	7315.0	6841.4	6752.4	6675.9	6667.9
47.5°	7819.4	7874.2	7913.0	8000.8	8172.0	8060.2	7604.8	7466.8	7381.2	7318.4
50°	7875.3	7933.5	8065.9	8321.5	8726.6	8774.6	8364.9	8209.7	8104.7	7990.6
52.5°	7800.0	7903.8	8081.9	8512.1	9099.8	9347.4	9094.1	8958.3	8838.5	8652.4
55°	7356.1	7459.9	7823.9	8509.8	9285.8	9749.1	9783.4	9722.9	9588.2	9294.9
57.5°	6420.3	6574.4	7150.6	8219.9	9282.4	10094.9	10458.9	10502.3	10351.7	9931.7
60°	5123.9	5332.7	6035.7	7577.5	8995.9	10282.1	11051.2	11268.0	11108.3	10559.4
62.5°	3575.3	3817.3	4482.6	6570.9	8340.9	10147.4	11483.7	11884.3	11763.3	11120.8
65°	2180.8	2258.4	2794.8	5170.7	7227.1	9583.7	11617.2	12217.5	12177.6	11464.3
67.5°	1452.7	1517.8	1671.8	3545.7	5610.1	8457.3	11297.7	12159.3	12170.7	11408.4
70°	875.3	931.2	1031.6	2062.1	3635.8	6694.2	10308.3	11417.5	11483.7	10660.9
72.5°	360.6	398.3	489.6	934.6	1883.0	4248.6	8208.5	9802.8	9956.8	8964.0
75°	204.3	223.7	287.6	469.0	817.1	1980.0	4972.1	6958.9	7186.0	6178.4
77.5°	135.8	144.9	186.0	303.6	459.9	675.6	2124.9	3625.5	4059.2	3374.5
80°	91.3	99.3	127.8	203.1	299.0	289.9	676.7	1343.2	1652.4	1159.4
82.5°	61.6	62.8	91.3	133.5	189.4	140.4	199.7	417.7	524.9	335.5
85°	35.4	34.2	67.3	77.6	84.4	58.2	60.5	125.5	164.3	141.5
87.5°	4.6	6.8	26.2	20.5	11.4	12.6	12.6	21.7	32.0	34.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P847417
 CATALOG NUMBER: GLAN-SB3C-730-U-T3-HSS

CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
1980.0	0°	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0	1980.0
1982.2	2.5°	1982.2	1981.1	1977.7	1974.2	1966.3	1961.7	1964.0	1961.7	1960.6	1961.7
1997.1	5°	1997.1	1993.6	1984.5	1973.1	1957.1	1937.7	1925.2	1906.9	1889.8	1879.5
2037.0	7.5°	2037.0	2033.6	2021.0	1989.1	1937.7	1856.7	1782.5	1717.5	1668.4	1639.9
2100.9	10°	2100.9	2095.2	2075.8	2005.1	1870.4	1693.5	1546.3	1424.2	1344.3	1306.7
2176.2	12.5°	2176.2	2169.4	2135.2	1990.2	1742.6	1466.4	1263.3	1127.5	1053.3	1020.2
2263.0	15°	2265.2	2256.1	2188.8	1919.5	1556.6	1215.4	1029.3	927.8	879.9	850.2
2373.7	17.5°	2375.9	2360.0	2228.7	1813.3	1354.6	1023.6	885.6	809.1	766.9	738.3
2518.6	20°	2519.7	2493.5	2260.7	1686.7	1168.6	902.7	788.6	724.7	692.7	667.6
2724.0	22.5°	2720.6	2682.9	2299.5	1549.7	1037.3	819.4	716.7	669.9	643.6	615.1
3010.4	25°	2969.4	2924.9	2347.4	1423.1	947.2	747.5	664.2	625.4	594.6	561.5
3385.9	27.5°	3317.4	3237.5	2404.5	1319.2	869.6	685.9	616.2	572.9	537.5	510.1
3811.5	30°	3705.4	3574.2	2454.7	1256.4	798.8	628.8	553.5	510.1	477.0	457.6
4193.8	32.5°	4072.9	3894.9	2487.8	1229.1	734.9	563.7	485.0	438.2	413.1	407.4
4568.2	35°	4419.8	4184.7	2484.4	1202.8	677.9	498.7	417.7	369.7	350.3	353.8
4971.0	37.5°	4819.2	4494.0	2460.4	1161.7	631.1	439.4	359.5	317.2	300.1	301.3
5460.6	40°	5283.7	4851.2	2445.6	1084.1	579.7	384.6	311.5	277.3	264.8	260.2
5976.4	42.5°	5778.9	5196.9	2447.8	996.3	515.8	335.5	278.4	249.9	238.5	235.1
6550.4	45°	6276.5	5526.7	2451.3	905.0	448.5	297.8	254.5	230.5	223.7	219.1
7132.4	47.5°	6744.4	5807.5	2387.4	806.8	382.3	269.3	235.1	219.1	213.4	207.7
7716.7	50°	7180.3	5994.6	2233.3	692.7	329.8	246.5	220.2	208.8	203.1	197.4
8246.2	52.5°	7519.3	6024.3	1978.8	575.2	293.3	229.4	211.1	200.8	194.0	188.3
8674.1	55°	7669.9	5838.3	1617.1	465.6	264.8	214.5	202.0	191.7	183.7	178.0
9010.8	57.5°	7631.1	5446.9	1261.0	374.3	237.4	199.7	190.6	183.7	174.6	165.5
9283.5	60°	7440.5	4923.1	950.6	311.5	212.3	183.7	178.0	172.3	159.8	146.1
9388.5	62.5°	7110.7	4264.6	677.9	257.9	184.9	165.5	163.2	158.6	140.4	115.3
9233.3	65°	6606.3	3464.6	456.5	214.5	158.6	144.9	146.1	138.1	114.1	85.6
8665.0	67.5°	5869.1	2533.4	292.1	175.7	132.4	121.0	122.1	117.5	97.0	73.0
7587.7	70°	4929.9	1677.5	190.6	133.5	106.1	93.6	100.4	101.6	82.2	59.3
5823.5	72.5°	3614.1	990.5	133.5	99.3	77.6	65.0	82.2	84.4	66.2	44.5
3503.4	75°	2059.8	470.2	100.4	71.9	47.9	45.6	63.9	63.9	45.6	29.7
1516.6	77.5°	865.0	196.3	70.8	46.8	27.4	26.2	43.4	39.9	22.8	13.7
369.7	80°	249.9	87.9	37.7	22.8	11.4	10.3	17.1	12.6	5.7	2.3
140.4	82.5°	98.1	38.8	14.8	9.1	4.6	4.6	2.3	0.0	0.0	0.0
79.9	85°	58.2	16.0	6.8	3.4	1.1	0.0	0.0	0.0	0.0	0.0
17.1	87.5°	14.8	3.4	2.3	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/>
1980.0
1966.3
1881.8
1641.0
1303.2
1016.8
851.3
736.1
663.0
610.5
558.0
504.4
454.2
410.8
353.8
305.8
259.0
233.9
219.1
207.7
197.4
187.2
176.9
164.3
143.8
113.0
83.3
69.6
57.1
42.2
27.4
13.7
2.3
0.0
0.0
0.0
0.0

F REPORT)