

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: P939683

Luminaire Tested: **GLAN-SB2B-927-U-T1**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P939683
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB2B-927-U-T1
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 2700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE I OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6781 lumens
Efficiency: N/A
Efficacy: 91.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 73.9
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

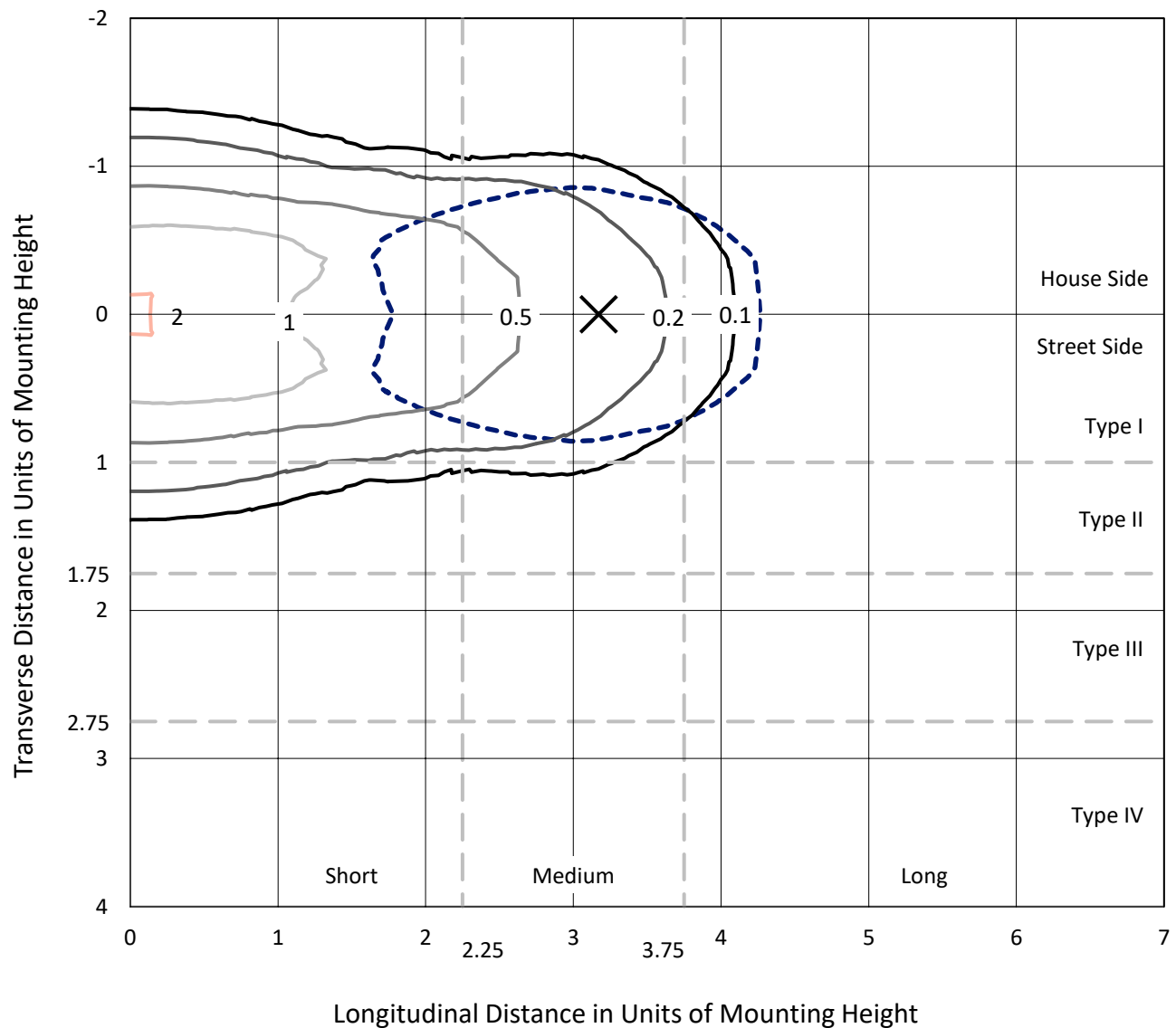


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Iso-Footcandle Lines of Horizontal Illumination

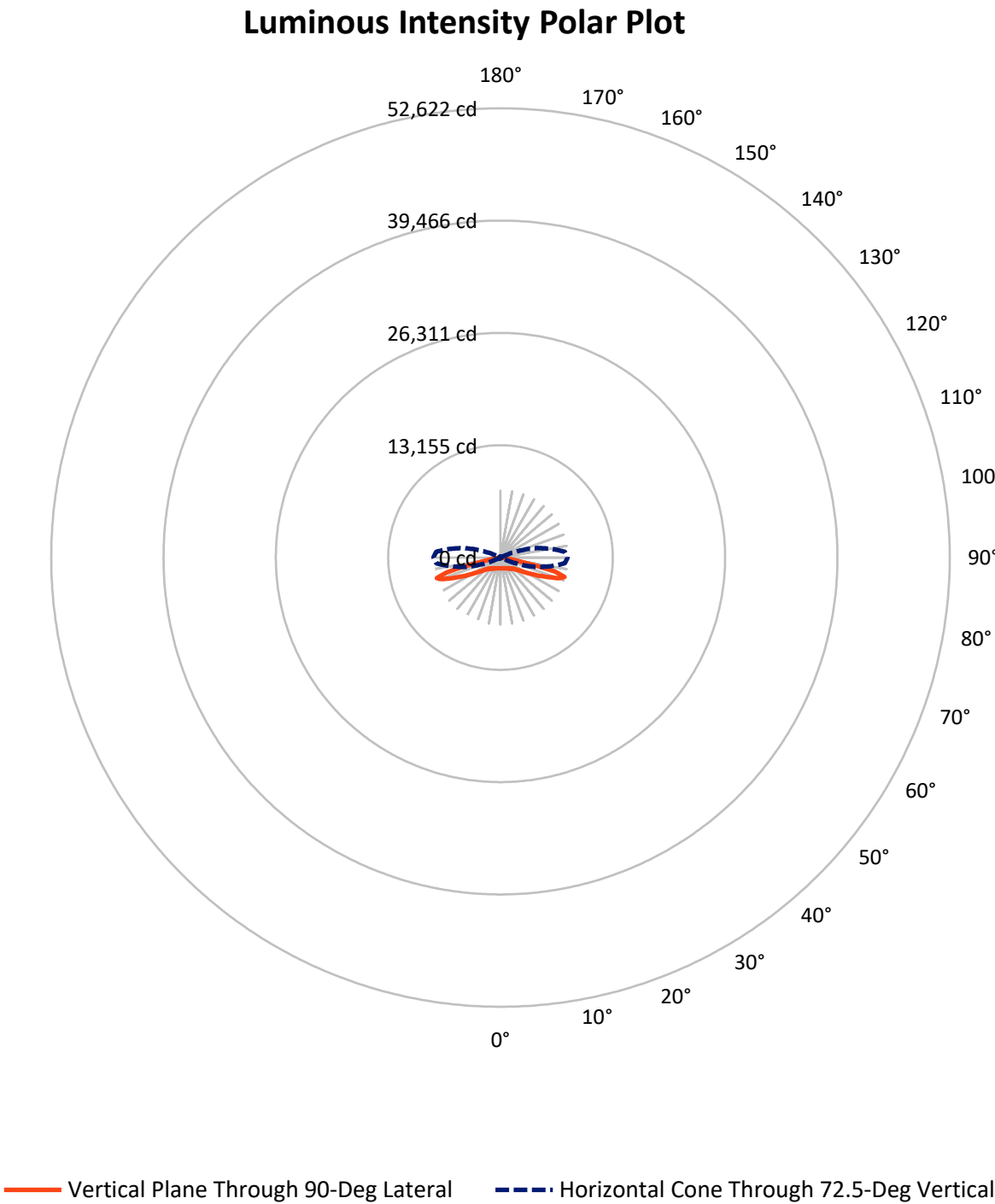
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 fc

Type I - Short - N/A

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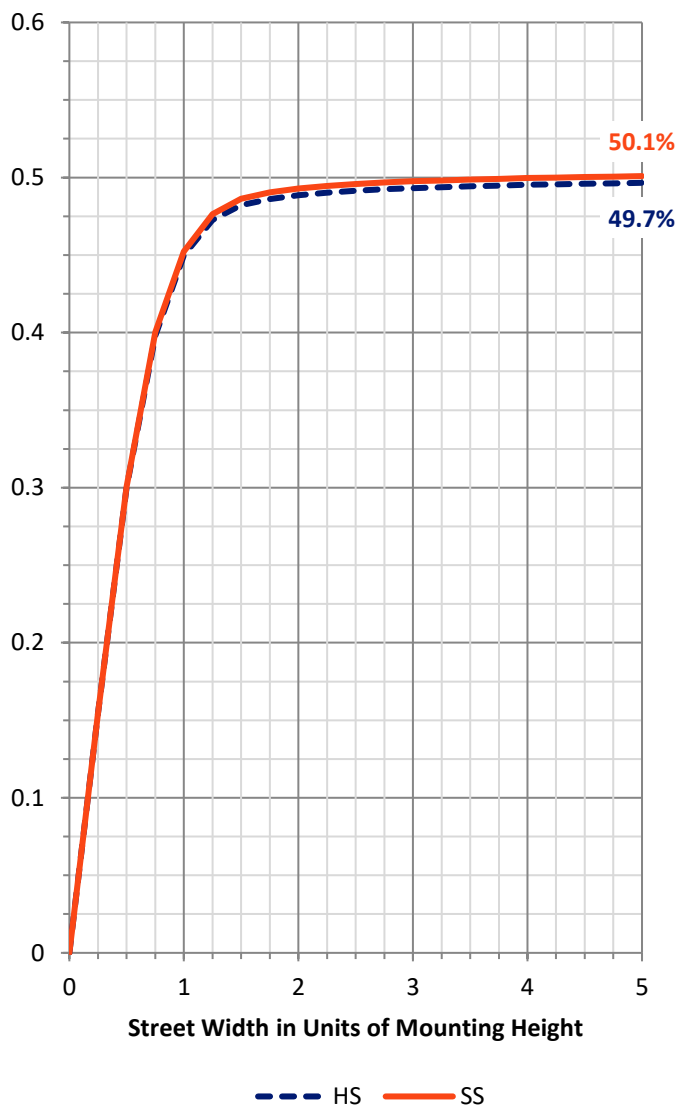
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3390.5	0.0	3390.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3390.5	0.0	3390.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6781.0	0.0	6781.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.9	1.8
10°-20°	375.7	5.5
20°-30°	626.4	9.2
30°-40°	861.5	12.7
40°-50°	1052.1	15.5
50°-60°	1216.8	17.9
60°-70°	1450.9	21.4
70°-80°	1012.6	14.9
80°-90°	62.2	0.9
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°	6781.0	100.0
0°-180°	6781.0	100.0

Coefficient of Utilization



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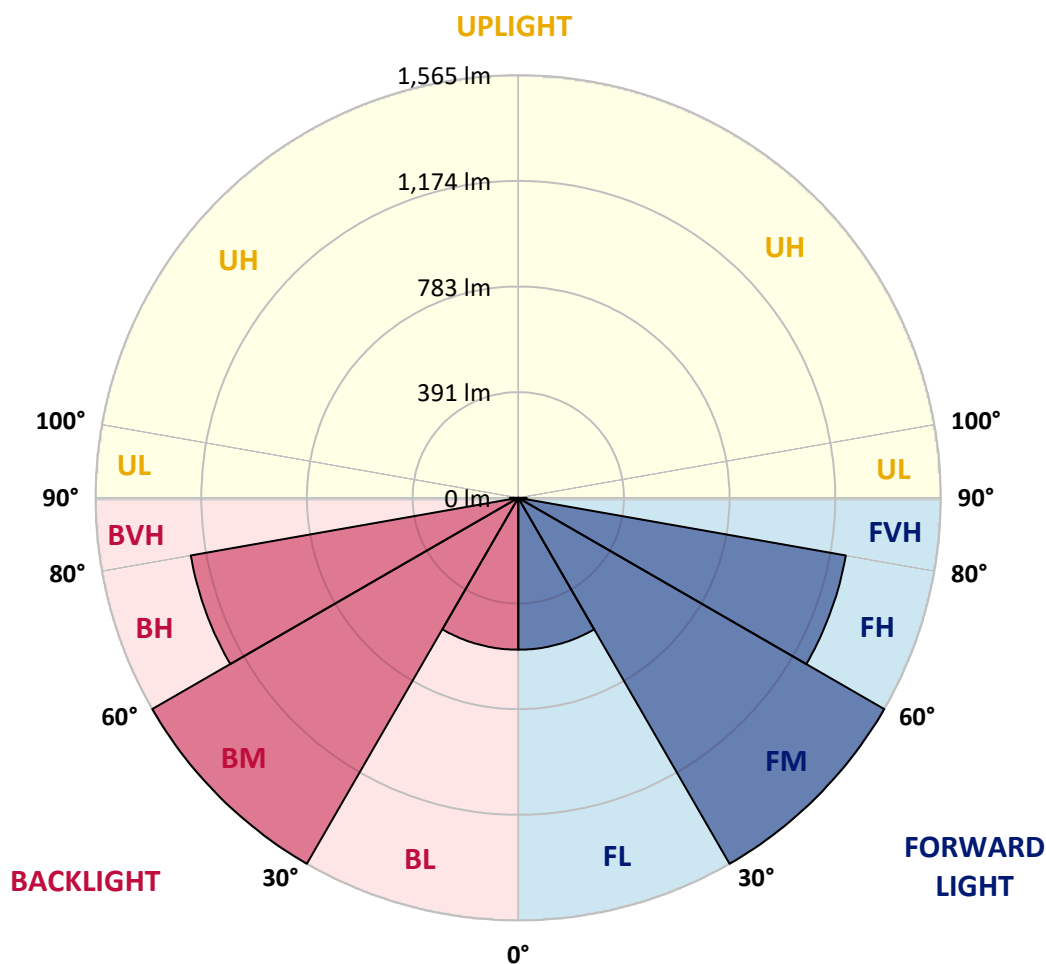
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	562.4	8.3			
FM	(30°-60°)	1565.2	23.1			
FH	(60°-80°)	1231.8	18.2			G1/1800
FVH	(80°-90°)	31.1	0.5			G1/100
BL	(0°-30°)	562.4	8.3	B2/1000		
BM	(30°-60°)	1565.2	23.1	B2/2500		
BH	(60°-80°)	1231.8	18.2	B3/2500		G3/2500
BVH	(80°-90°)	31.1	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1267.1	1267.1	1267.1	1267.1	1267.1	1267.1	1267.1	1267.1	1267.1	1267.1
2.5°	1268.2	1269.6	1269.6	1268.5	1271.1	1268.9	1268.9	1267.8	1268.9	1267.8
5°	1274.7	1276.5	1277.2	1276.8	1280.1	1278.3	1278.3	1276.8	1277.2	1276.1
7.5°	1286.9	1289.4	1290.9	1292.7	1297.4	1295.2	1293.8	1289.4	1287.6	1284.8
10°	1290.9	1293.8	1298.5	1307.8	1318.6	1319.0	1314.7	1303.9	1295.6	1289.1
12.5°	1278.6	1282.6	1292.3	1311.4	1335.6	1345.3	1338.5	1320.4	1304.2	1292.7
15°	1263.1	1267.5	1282.2	1311.1	1346.7	1369.4	1368.7	1344.9	1319.0	1301.0
17.5°	1239.0	1243.3	1264.6	1304.9	1355.4	1392.9	1403.0	1378.5	1342.1	1317.9
20°	1195.4	1199.3	1228.9	1285.5	1358.3	1417.7	1444.0	1422.4	1377.0	1344.2
22.5°	1138.8	1144.9	1179.5	1252.0	1351.4	1443.7	1490.9	1476.1	1417.7	1372.3
25°	1078.3	1084.7	1125.1	1210.9	1333.8	1462.4	1546.4	1537.0	1463.9	1407.3
27.5°	1026.0	1032.9	1076.8	1170.2	1306.4	1469.6	1601.2	1605.9	1519.7	1445.9
30°	984.9	991.4	1038.3	1137.4	1271.1	1462.4	1649.1	1681.5	1576.7	1479.4
32.5°	939.9	948.2	997.5	1097.4	1229.3	1445.1	1690.9	1763.3	1642.6	1515.4
35°	882.9	890.5	942.4	1042.6	1174.5	1417.4	1725.9	1854.2	1737.0	1570.2
37.5°	813.7	820.9	872.5	974.1	1120.1	1378.5	1752.5	1956.5	1849.5	1649.1
40°	744.2	751.0	799.3	897.7	1054.8	1328.7	1761.9	2056.7	1978.5	1757.6
42.5°	680.4	686.5	730.9	822.4	981.7	1265.3	1749.7	2143.9	2094.2	1833.3
45°	621.7	627.1	666.3	751.8	905.6	1188.2	1712.9	2237.6	2231.8	1887.3
47.5°	554.6	560.0	600.8	683.3	829.6	1097.7	1650.5	2329.9	2423.2	2009.8
50°	472.8	477.5	519.3	604.4	750.7	1001.5	1564.1	2402.3	2664.7	2195.4
52.5°	375.9	380.9	421.6	506.7	657.0	898.1	1450.2	2449.5	2943.6	2466.5
55°	279.7	283.3	318.6	395.0	540.9	780.2	1307.5	2462.8	3260.0	2836.9
57.5°	202.9	205.1	227.8	284.7	410.1	632.8	1134.1	2428.3	3636.6	3311.9
60°	164.3	165.1	171.9	197.1	285.1	466.3	924.7	2309.3	4045.3	3924.2
62.5°	149.2	149.2	151.0	157.8	192.8	307.8	671.4	2062.8	4483.5	4697.9
65°	138.7	138.7	139.5	142.7	152.1	196.0	423.8	1661.4	4852.9	5604.3
67.5°	129.4	129.7	129.4	130.5	135.9	144.9	245.8	1147.5	5051.8	6543.4
70°	119.6	120.4	118.6	118.6	122.9	123.3	153.9	629.2	4886.8	7330.5
72.5°	108.1	109.2	106.3	105.6	108.8	107.4	115.7	302.0	4195.6	7565.5
75°	98.0	99.5	93.0	91.2	91.2	90.1	94.1	155.0	2723.0	6171.5
77.5°	89.0	91.9	81.4	75.7	74.2	71.0	76.8	94.8	1191.1	2897.5
80°	73.5	77.5	67.0	60.2	57.7	54.1	60.5	66.3	354.3	672.8
82.5°	54.8	56.6	47.6	42.9	40.7	38.2	45.4	46.1	115.3	238.2
85°	35.0	35.7	29.2	25.2	24.1	23.1	28.8	25.2	44.0	175.1
87.5°	12.3	14.1	11.2	10.1	10.8	9.0	13.3	7.6	12.3	123.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°

1267.1
1267.8
1276.1
1284.8
1288.0
1290.9
1298.1
1314.0
1338.1
1364.0
1395.8
1433.6
1461.7
1493.1
1545.3
1616.0
1722.3
1787.9
1826.1
1939.2
2106.8
2357.3
2700.3
3140.0
3707.6
4407.8
5237.4
6147.4
7226.4
7839.4
6601.1
2837.3
644.4
269.2
254.4
153.2
0.0

OF REPORT)