

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: P939080

Luminaire Tested: **GLAN-SB1C-735-U-5WQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P939080
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB1C-735-U-5WQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS
Light Source: -
Ballast/Driver: -

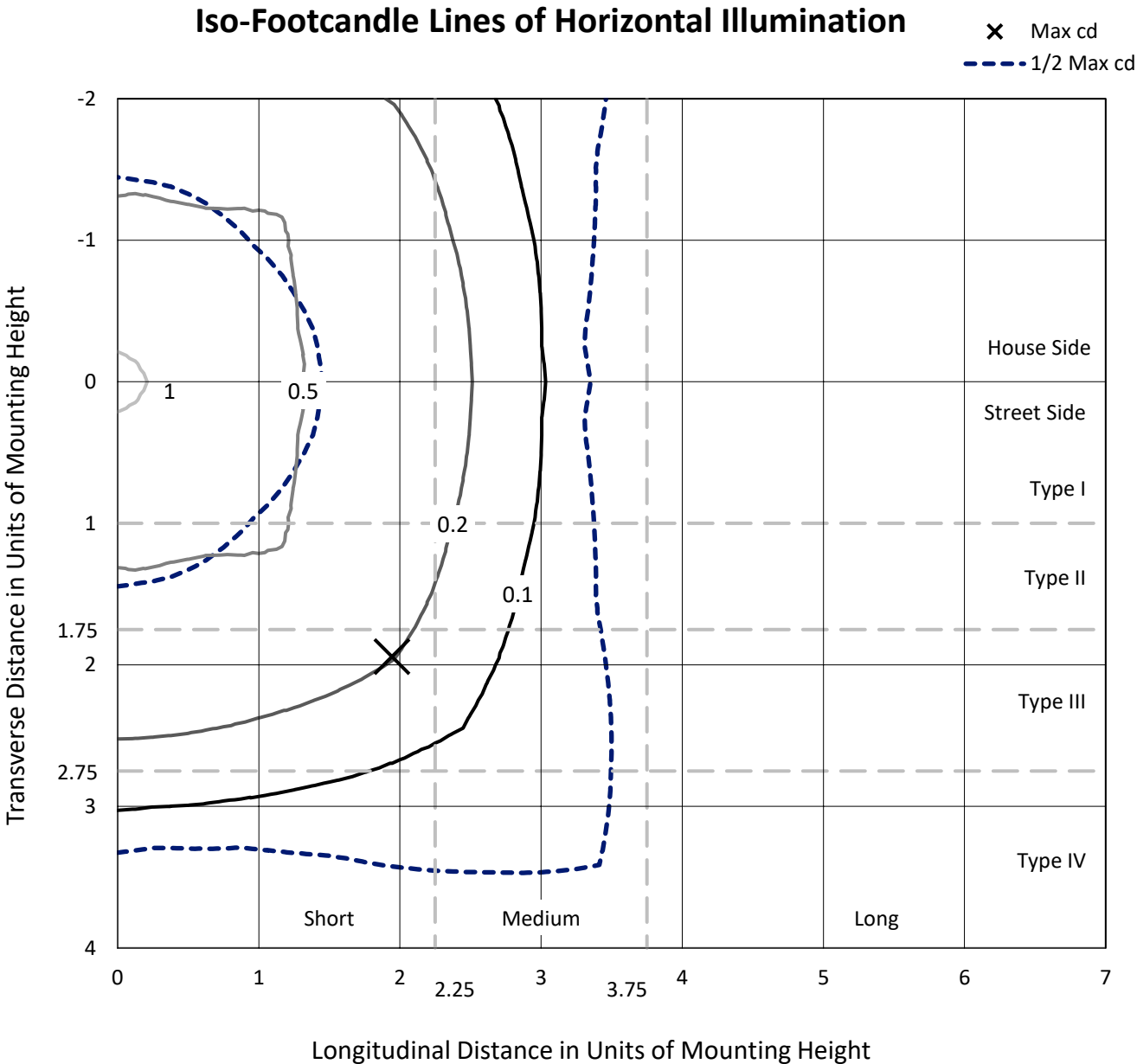
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7578 lumens
Efficiency: N/A
Efficacy: 139.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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



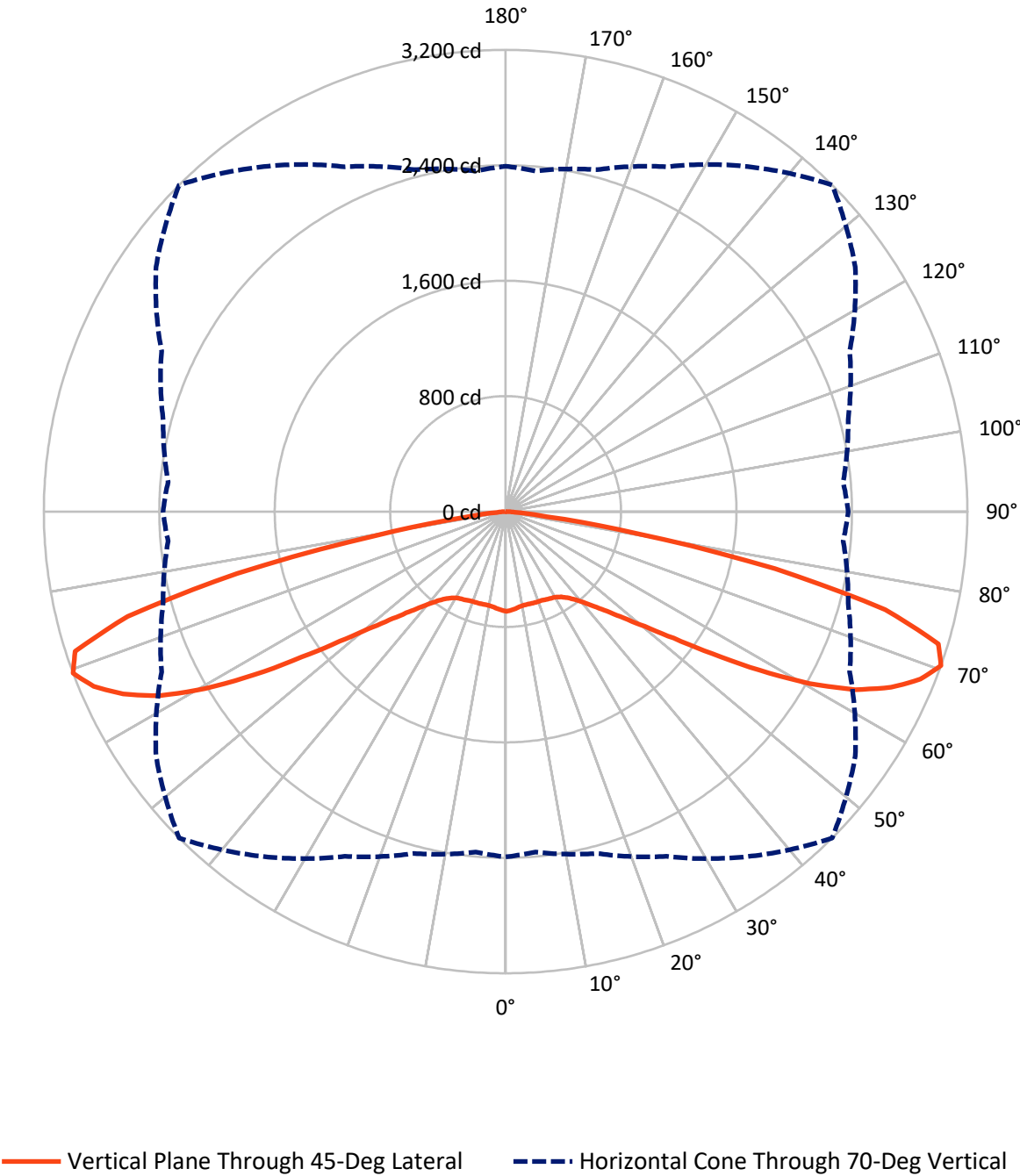
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CATALOG NUMBER: GLAN-SB1C-735-U-5WQ



Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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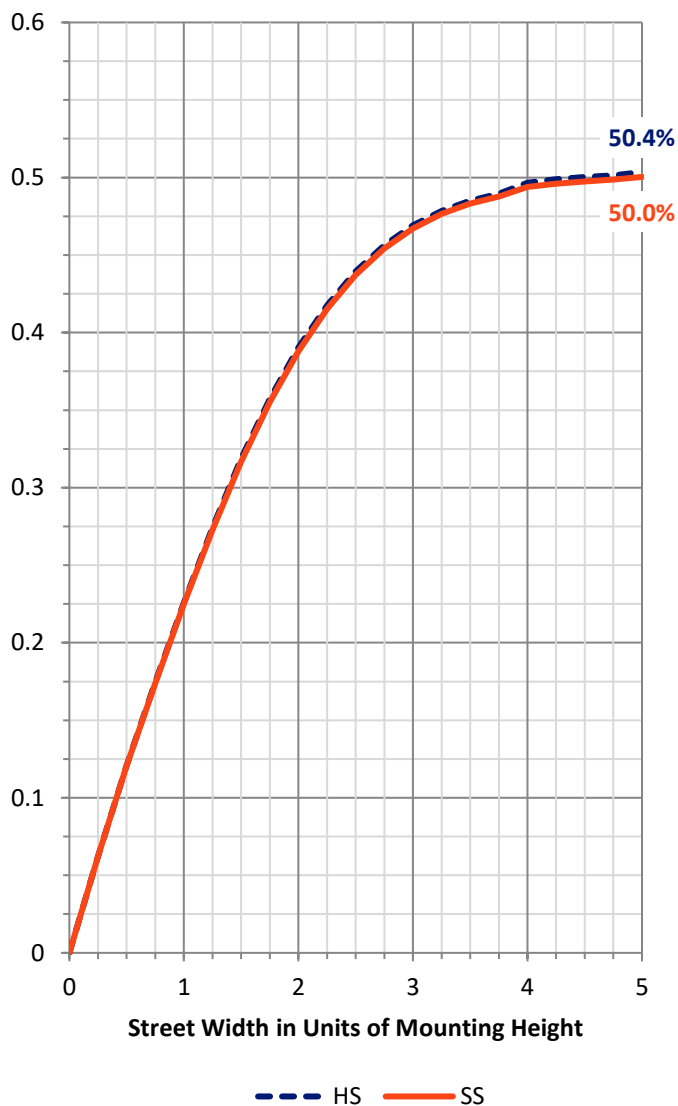
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3789.0	0.0	3789.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3789.0	0.0	3789.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	7578.0	0.0	7578.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	0.8
10°-20°	188.8	2.5
20°-30°	314.2	4.1
30°-40°	475.2	6.3
40°-50°	789.6	10.4
50°-60°	1490.0	19.7
60°-70°	2516.0	33.2
70°-80°	1653.3	21.8
80°-90°	86.6	1.1
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°	7578.0	100.0
0°-180°	7578.0	100.0

Coefficient of Utilization



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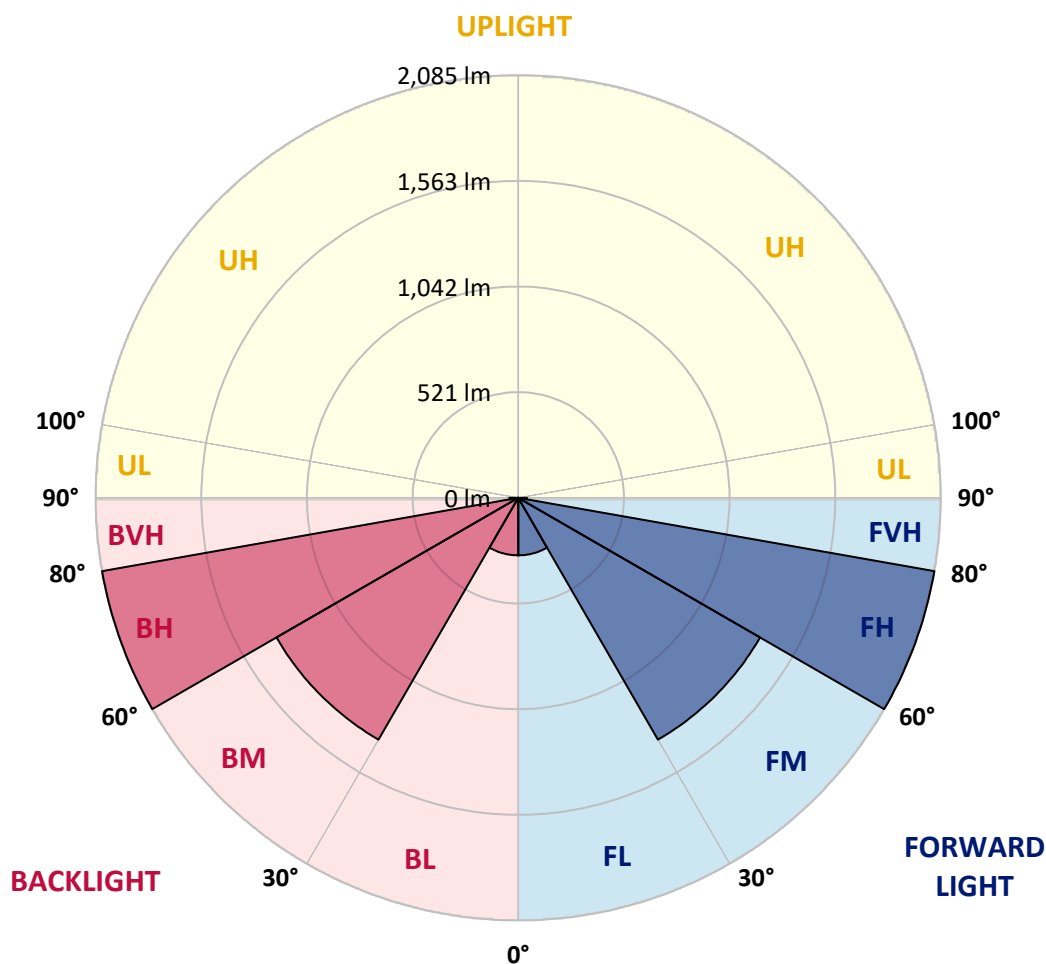
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	283.7	3.7			
FM	(30°-60°)	1377.4	18.2			
FH	(60°-80°)	2084.6	27.5			G2/5000
FVH	(80°-90°)	43.3	0.6			G1/100
BL	(0°-30°)	283.7	3.7	B1/500		
BM	(30°-60°)	1377.4	18.2	B2/2500		
BH	(60°-80°)	2084.6	27.5	B3/2500		G2/5000
BVH	(80°-90°)	43.3	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	691.3	691.3	691.3	691.3	691.3	691.3	691.3	691.3	691.3	691.3
2.5°	686.9	688.9	688.1	686.5	686.5	685.4	686.5	687.3	688.5	689.3
5°	677.9	679.4	679.1	677.9	678.3	677.1	677.9	679.1	679.8	680.2
7.5°	670.0	671.6	670.8	668.8	668.8	667.6	668.0	669.2	670.4	670.8
10°	668.0	669.6	667.2	664.1	662.9	661.3	661.7	662.9	665.3	666.5
12.5°	668.8	670.0	667.6	662.9	661.7	660.1	660.1	661.3	664.5	666.1
15°	671.2	672.4	668.8	663.7	662.5	661.3	660.9	662.5	666.1	668.8
17.5°	675.5	676.7	671.2	664.1	662.5	662.9	662.5	663.7	669.2	674.3
20°	679.4	680.2	672.8	664.1	662.5	662.9	662.5	664.9	672.0	679.1
22.5°	680.6	681.4	674.3	666.8	665.7	666.1	665.7	668.0	674.7	681.8
25°	681.0	682.2	676.7	670.8	672.8	673.5	672.8	673.1	678.3	684.6
27.5°	686.9	688.5	683.4	678.3	679.4	679.1	680.2	681.4	685.4	691.7
30°	699.1	700.3	696.0	690.9	690.1	687.3	690.9	694.8	699.1	704.7
32.5°	719.2	721.6	716.1	710.6	707.0	705.4	708.2	714.9	720.8	726.7
35°	752.7	754.3	749.2	738.9	732.6	732.6	735.0	743.7	753.1	760.6
37.5°	800.0	801.9	792.9	780.7	771.2	771.2	774.4	783.4	797.6	808.2
40°	857.5	860.2	848.8	836.2	827.2	825.6	829.5	839.8	853.2	866.5
42.5°	926.8	930.0	915.0	904.0	896.9	896.9	898.8	908.3	920.5	937.0
45°	1015.4	1020.9	1000.5	989.4	982.7	984.3	985.5	993.8	1004.8	1023.7
47.5°	1121.0	1126.5	1104.8	1093.4	1092.2	1099.7	1095.0	1100.9	1106.8	1128.5
50°	1240.7	1250.2	1235.2	1234.4	1236.8	1250.6	1239.6	1242.7	1236.0	1249.8
52.5°	1387.3	1401.0	1398.3	1403.0	1429.4	1457.8	1432.6	1421.5	1396.3	1400.7
55°	1564.9	1585.8	1589.7	1618.1	1677.9	1735.8	1682.3	1637.8	1584.2	1574.4
57.5°	1767.0	1783.5	1802.4	1860.3	1972.2	2075.0	1972.2	1873.7	1789.4	1769.3
60°	1984.4	2004.9	2023.0	2108.5	2274.7	2419.2	2271.5	2115.2	2003.7	1976.5
62.5°	2218.0	2244.4	2257.0	2351.9	2545.7	2718.2	2548.4	2359.0	2235.3	2206.1
65°	2442.1	2463.7	2477.9	2579.2	2764.3	2937.2	2776.9	2590.2	2463.0	2424.7
67.5°	2546.5	2558.3	2592.9	2707.6	2902.9	3100.3	2936.0	2719.8	2577.6	2510.6
70°	2393.6	2369.6	2453.1	2636.7	2919.5	3200.3	2957.3	2631.1	2457.0	2348.3
72.5°	1849.7	1808.3	1953.3	2267.2	2730.4	3136.5	2749.3	2284.9	2043.5	1822.9
75°	1006.4	959.5	1159.6	1556.6	2177.4	2718.6	2227.4	1601.1	1291.2	998.9
77.5°	284.0	266.3	427.8	753.1	1309.7	1908.8	1360.1	769.6	507.3	300.9
80°	87.0	84.3	114.2	226.9	556.2	914.2	534.5	229.6	145.3	91.8
82.5°	51.6	47.3	56.7	82.7	141.8	287.1	137.9	86.3	69.3	46.5
85°	29.5	27.6	33.5	40.2	47.7	61.1	39.8	41.0	37.0	24.8
87.5°	12.2	11.0	13.0	12.6	11.0	14.2	10.6	12.6	15.0	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
691.3
688.9
680.2
670.8
666.5
666.5
669.2
674.3
679.4
681.8
684.2
690.1
703.5
724.4
757.8
804.3
862.2
935.9
1022.9
1122.2
1241.5
1386.1
1559.0
1755.1
1952.9
2182.5
2405.8
2511.4
2374.3
1877.6
1063.9
334.4
96.9
50.4
26.0
9.1
0.0