RONAN
ENGINEERING COMPANY
MEASUREMENTS DIVISION

# Specifications

## Model RLL Low-Level Source

Ronan RLL is an external-mount , rugged, general purpose source holder suitable for a wide range of applications requiring very little gamma energy.

**Description:** Ronan's RLL Technology utilizes up to a total of 0.9 mCi (33 MBq) **of cesium 137** capsules. The RLL-1 utilizes from one to ten 0.09 mCi (3 KBq) **cesium 137** capsules, while the RLL-1A utilizes a single 0.9 mCi (33 MBq) **cesium 137 capsule.** The RLL-2 is a strip source with up to a total of 100 µCi cesium 137

**Construction:** Carbon Steel OR Stainless Steel with Lead, or Tungsten Shielding Surrounding A Doubly Encapsulated, Heliarc-Welded Stainless Steel Source Capsule.

**Handle:** None Required

**Weight:** RLL-1, 1A Approximately 20 to 300 lbs(9 to 172 kg)

RLL-2 Approximately 1 to 15 lbs (0.5 to 7 kg)

**Paint:** Protective coating-Epoxy Based (grey as standard, customer-specified colors available)

**Temperature Limit:** 455°F. (235°C)

**Collimation:** Beam Pattern up to 45° (dependant upon application)

**Maximum Source Size:** RLL-1: Multiple Capsules up to 900 µCi (33 MBq) CS-137

Multiple Capsules up to 200 µCi (7.4 MBq) Co-60

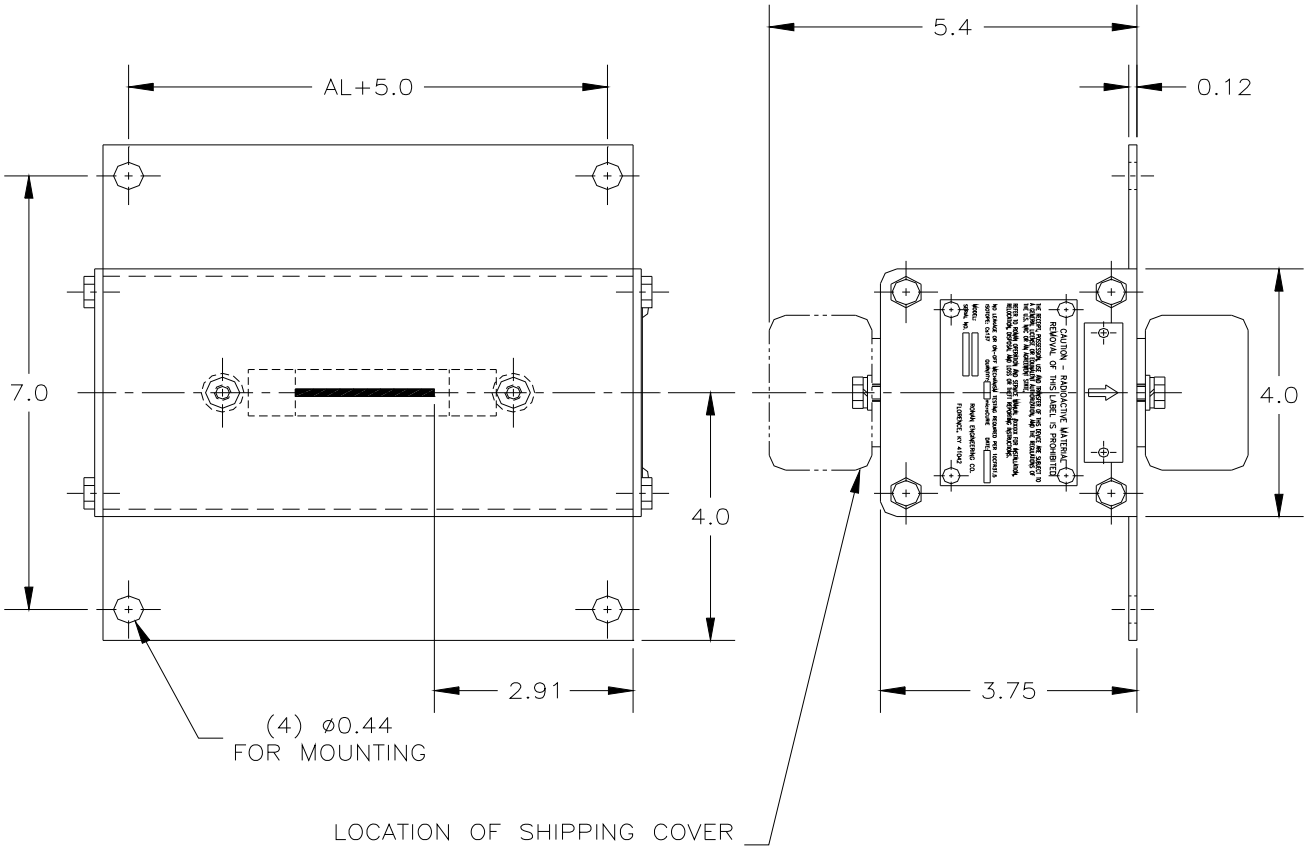
RLL-1A: Single Capsule up to 90 µCi CS-137 Single Capsule up to 10 µCi Co-60

RLL-2: Strip Source with Multiple Capsules up to 100 µCi (3.7 MBq) CS-137

**Radiation Fields:** Meets all International Standards for Surface Radiation Limits

# Dimensional Information

## RLL-1




## RLL-2