



**RYN**  
**RYNO 1.0**

1" RECESSED LED DOWNLIGHT

---

## INSTALLATION GUIDE (FLANGED)

### GENERAL SAFETY AND ELECTRICAL REQUIREMENTS

1. This luminaire is designed exclusively for operation on 24V DC constant voltage power supplies.
  2. Installation shall be performed by a licensed electrician in compliance with NEC, CEC, and all applicable local codes.
  3. De energize all branch circuits prior to beginning installation or servicing.
  4. Verify that the selected LED driver provides regulated 24V DC output and adequate wattage capacity for the connected load.
  5. Observe correct polarity at all times: fixture lead labeled DC+ must connect to driver positive output; DC to driver negative output.
  6. Do not energize the fixture while leads are exposed or unterminated.
  7. Ensure all splices are made using UL listed wire connectors rated for low voltage DC circuits.
  8. Do not exceed the driver's maximum rated load or recommended secondary circuit length.
- 

### ELECTRICAL PREPARATION

1. Confirm branch circuit voltage and driver input requirements prior to installation.
2. Provide a properly grounded junction box or driver enclosure in an accessible location.
3. Route low voltage wiring in accordance with Class 2 wiring practices.
4. Maintain separation between line voltage and low voltage conductors as required by code.
5. Confirm compatibility with any specified dimming or control system before final connection.

## STANDARD TRIM INSTALLATION – ROUND & SQUARE MODELS

1. Isolate electrical power at the circuit breaker and verify absence of voltage.
2. Utilize the manufacturer supplied template to mark the required ceiling cutout location.
3. Cut the mounting aperture to the specified dimensions using appropriate tools.
4. Terminate fixture DC+ conductor to the positive output terminal of the 24V DC driver.
5. Terminate fixture DC conductor to the negative output terminal of the driver.
6. Secure all conductors using approved connectors and confirm mechanical integrity of each splice.
7. Connect driver primary leads to the building power supply in accordance with local codes.
8. Neatly stow wiring within the ceiling cavity, ensuring no pinch points exist.
9. Compress spring retention clips and insert fixture into the ceiling opening until fully seated. See Figure 1. below

Figure 1

