



## INSTALLATION GUIDE (TRIMLESS)

### 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.
- 

### TRIMLESS PLASTER-IN INSTALLATION – TRIMLESS MODELS

1. Ensure electrical power is disconnected at the circuit breaker and verify absence of voltage prior to installation.
  2. Ensure proper cut out size matches spec sheet details
  3. Secure the Trimless plaster-in ring to the ceiling substrate using appropriate fasteners through the provided mounting holes (see Figure 1). Ensure the ring is flush and level with the finished ceiling plane.
  4. Apply joint compound over the flange and feather the compound to create a seamless transition with the ceiling surface (see Figure 2).
  5. Ensure the aperture opening remains clear of excess compound or paint buildup.
  6. After finishing is complete, make electrical connections as outlined in the **Electrical Preparation** section below.
  7. Insert the Downlight into the plaster-in ring (see Figure 3) until the fixture is fully seated and makes a click sound.
- 

### 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.



# RYN RYNO 1.0

1" RECESSED LED DOWNLIGHT

Figure 1

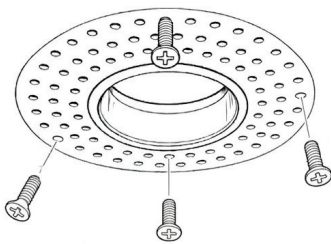


Figure 2

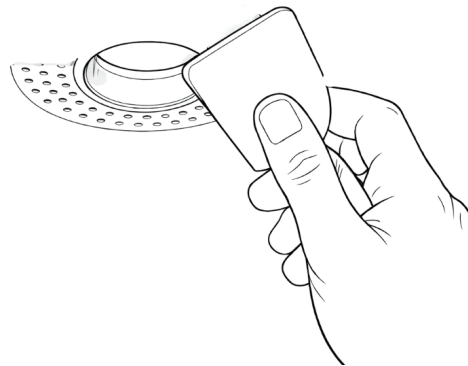


Figure 3

