

Job/Location: _____	Job Type: _____
Contractor: _____	Date: _____
Prepared By: _____	



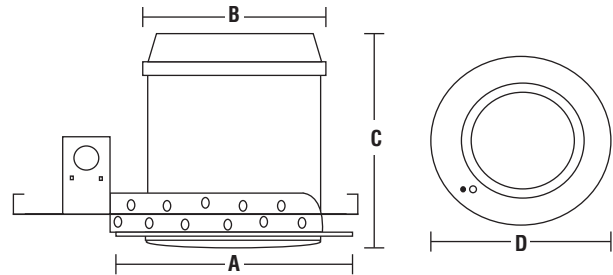
**■ specifications: internal**

The **RDO** is configured with 120/277V input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

**■ specifications: external**

The **RDO** is constructed from durable and lightweight aluminum. The standard trim plate is finished in white powder coat. External test switch and monitor LED are standard.

**■ dimensions (in,mm.)**



Series	A	B	C	D
RDO	9" 229mm	6.7" 170mm	7.2" 183mm	9" 229mm

**■ ordering logic**

Series	Operation	Lamp
RDO	SE (emergency only)	8W (halogen) 12W (halogen)

EXAMPLE: RDO-SE-8W  
DESCRIPTION: emergency only, 8W halogen

## ■ specifications: electrical

**BATTERY:** The **RDO** is designed with a 6V 4.5Ah maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes. Recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 45°C. The minimum working temperature is 10°C.

**CIRCUIT:** The **RDO** utilizes a pulse switching charger that is up to 70% more efficient than older constant voltage chargers. The charger is a fully automatic current limited charger with solid state line-latched low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

## ■ specifications: mechanical

The **RDO** is constructed from durable and lightweight corrosion and flame resistant aluminum. The standard trim plate is finished in white powder coat. External test switch and monitor LED are standard. Fully recessed design featuring an adjustable gimbal system for correct and accurate beam positioning.

## ■ warranty

The **RDO** comes with a 3-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.