

PRODUCT OVERVIEW

The RDO series emergency luminaire has been designed to be fully recessed and blend in with the surrounding environment. The housing and gimbal assembly use corrosion and flame resistant lightweight aluminum. All RDO electronics are fully self-contained within the housing; this allows for easy handling and effortless installation. The standard trim plate comes finished in powder coat white.



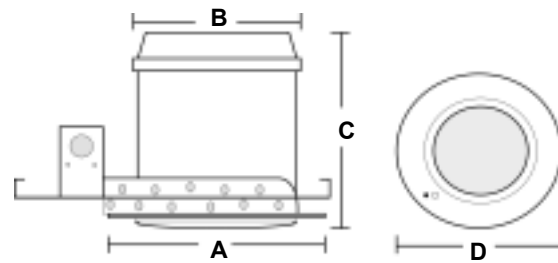
EXTERNAL SPECIFICATIONS

The RDO series 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.

INSTALLATION

The RDO emergency luminaire is suitable for ceiling recess installations. Suitable for indoor location installations on normally inflammable surfaces. 120/277VAC.

DIMENSIONS (in.)



Wattage	A"	B"	C"	D"
8W	9"	6.7"	7.2"	9"

ORDERING INFORMATION

Series	Operation	Lamps
RDO	SE <i>(emergency only)</i> RC <i>(remote only)</i>	8W <i>(halogen)</i>

EXAMPLE: RDO-SE-8W
DESCRIPTION: RDO emergency luminaire, emergency only, 120/277, 8W halogen, recess mount.



Certified by ETL
or CSA to UL924
Standards.

RDO Technical Data

MECHANICAL SPECIFICATIONS

The RDO is constructed with corrosion and flame resistant lightweight aluminum. The gimbal assembly allows for proper beam positioning. All electronics are fully self-contained allowing easy handling and installation. The RDO comes standard with a single 8W halogen lamp. The trim plate is finished in durable powder coat white. External test switch and monitor LED are standard.

CHARGER SPECIFICATIONS

The RDO series 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.

BATTERY TECHNOLOGY

The RDO series is designed with a 6V 4Ah maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is twenty-four (24) hours. The maximum working temperature is 50°C.

LAMP HEAD FEATURES

The RDO series is supplied with one (1) 8 watt bi-pin halogen lamp. The fully recessed design of the RDO uses an adjustable gimbal for correct and accurate beam positioning.

WARRANTY

The RDO comes from the factory with an unconditional 5 year product warranty. Lamp is not covered.