

PRODUCT OVERVIEW

The RDS series emergency luminaire offers a traditional 9" square design that can be surface, semi-recess or fully-recess mounted. Constructed from durable thermoplastic, the RDS series is both lightweight and impact-resistant. The universal mounting pattern and conduit knockouts ensure ease of installation while in the field. Surface and semi-recess models are constructed from durable thermoplastic. The fully-recessed model has a 20 gauge steel housing and trimplate.



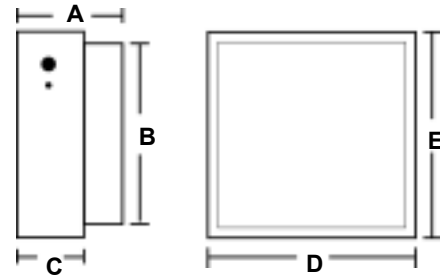
EXTERNAL SPECIFICATIONS

The RDS series surface and semi-recess models are constructed from durable, impact-resistant thermoplastic finished in white. The RDS fully-recessed model is constructed from 20 gauge steel, includes the ceiling trim plate and has a white powder coat finish. Universal mounting pattern and conduit knockouts allow for easy installation and adaptability in the field. External test switch and monitor LED are standard.

INSTALLATION

The RDS emergency luminaire is suitable for wall or ceiling surface, semi-recess or full-recess installation. Suitable for indoor location installations on normally inflammable surfaces. 120/277VAC.

DIMENSIONS (in.)



Wattage	A"	B"	C"	D"	E"
12W-22W	4"	7.6"	2.2"	9"	9"

ORDERING INFORMATION

Series	Operation	Capacity	Lamps	Mounting	Options
RDS	6 (volt DC)	12 (6v)	1 (1x10W halogen)	SF (surface)	NC (nickel cadmium battery)
	12 (volt DC)	22 (6v, 12v)	2 (2x10W halogen *22W only)	SR (semi-recess)	
				FR (full-recess)	

EXAMPLE: RDS-6-22-2-SF

DESCRIPTION: RDS emergency luminaire, emergency only, 120/277, 6v,22w, 2x10W halogen, surface mount.



Certified by ETL or CSA to UL924 Standards.

RDS Technical Data

MECHANICAL SPECIFICATIONS

The RDS is constructed with durable impact-resistant thermo-plastic (surface & semi-recess models.) 20 gauge steel is used for the fully recessed RDS model. The universal mounting pattern and conduit knockouts allow the RDS series to be wall or ceiling installed. Surface, semi-recess or fully-recessed configurations are available. The RDS is available configured with (1) one or (2) two 10 watt halogen lamps. External test switch and monitor LED are standard.

CHARGER SPECIFICATIONS

The RDS 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.

LAMP HEAD FEATURES

The RDS series is supplied with one (1) or two (2) 10 watt halogen lamps. Please note: 2x10W lamp configuration requires 22W model to be ordered.

BATTERY TECHNOLOGY

The RDS series is designed with a 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.

MODEL RATING GUIDE

Model	Voltage	Wattage			
		90	120	180	240
RDS-6-12	6	12	8	N/A	N/A
RDS-6-22	6	22	16	10	N/A
RDS-12-22	12	22	16	10	N/A

WARRANTY

The RDS comes from the factory with an unconditional 5 year product warranty. Lamps are not covered.