

RD Series

6 or 12-Volt Decorative Style Recessed Unit

Maintenance-Free Lead-Calcium or Nickel-Cadmium Battery

UL Listed

The **RD Series** battery units are designed for fully recessed installation in walls or ceilings. Models are available with two ELF645 heads standard, or two ELF2, ELF3 or DR1130 heads optional, to accent any décor.

FEATURES

Reliability

The **RD Series** has a three-year fully warranty (excluding lamps).

Unit Data

The RD Series Cabinet is constructed of 20-gauge steel with an off-white baked enamel finish. Fixtures, cabinet and mounting brackets are available in mist white and black. Mounting brackets are included for installation in grid type suspended ceilings. Adjustable bar hangers are included, although this unit can be framed into sheet rock ceilings, studs or joints as well.

Lamp

Standard with two ELF645 PAR36 high impact mar-resistant thermoplastic heads. Furnished with two 6 or 12 volt 9 watt high intensity wedge base incandescent lamps*. Other lighting head styles are also available see options. Do not exceed unit battery capacity.

* Note: For optional lamp types and wattages refer to the lamp data chart on page 108-109.

PulseType Charger

- Automatic, temperature compensated, pulse type charger.
- High capacity, automatic, dust-tight instantaneous transfer relay.
- Low voltage disconnect prevents overdischarge of battery. Automatic brownout protection is provided.
- Labor saving AC line latch prevents battery discharge during installation to a non-energized circuit.
- Fused output circuit.

Controls

- Red charger monitor LED indicates state of charge of the battery.
- Amber AC-ON LED indicates AC power is on.
- Momentary test switch allows for quick operational check of entire system.

Power Requirements

120/277Vac, 60Hz, 0.3/0.15 Amp

Head & Lamp Type Options

No heads	0
Double contact bayonet base, Bi-Pin Halogen,	
Wedge base, Sealed Beam Lamps	/ELF 645
Bi-Pin Halogen lamps	/ELF 2
MR16 lamps up to 20 watts	/ELF 3
MR16 lamps	/DR1130

OPTIONS

(Add Suffix to Model No.)

	Suffix
Black	-B
Ammeter or Voltmeter (choose only one)	-A* or -V*
Improved Diagnostics (audible)	-ID
Improved Diagnostics (non-audible)	-IDNA
Time Delay (specify 5, 10 or 15 minutes)	-TD**
Non-Standard Input Voltage	Specify

*Not available with diagnostic option

** (ID or IDNA) includes a Time Delay function, if needed it can be enabled/disabled in the field or it can be preset at the factory by including the suffix ID-TD_ or IDNA-TD_

ACCESSORIES

(Order as a separate item)

Wire Guard (DR1130, ELF2, ELF3 or ELF645 heads)	WG6-L
Remote Test Switch (Metal faceplate)	PSW
Remote Test Switch (Plastic faceplate)	PSW1

Shown with
ELF2 heads



ELF645 heads

UNIT RATING CHART

Standard lamp is 6 or 12 volt 9 watt wedge base.

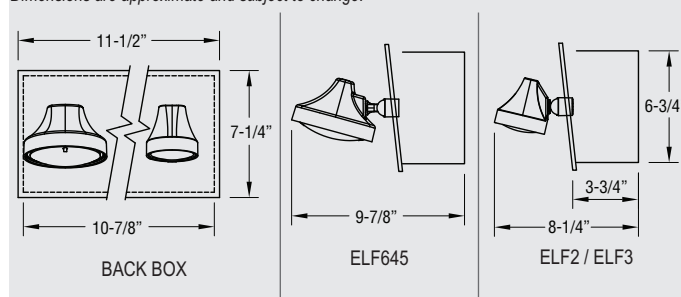
UNIT EQUIPMENT - NO REMOTE CAPABILITY							
Sealed Maintenance-Free Battery Types	D.C. Voltage	Model Number		*Watts to 87 1/2% of Rated Battery Voltage			
		ELF-645 Lamps Heads	ELF-2 Lamp Heads	1 1/2 hrs.	2 hrs.	3 hrs.	4 hrs.
Nickel-Cadmium Δ	6	2RD6C1	2RD6C1/ELF2	18	12	10	-
Long-Life Lead Δ	6	2RD6E1	2RD6E1/ELF2	18	11	8	-
Lead-Calcium Δ	6	2RD6M1	2RD6M1/ELF2	18	12	9	-
UNIT EQUIPMENT - WITH REMOTE CAPABILITY							
Nickel-Cadmium Δ	6	2RD6C2	2RD6C2/ELF2	25	18	12	9
	12	2RD12C3	2RD12C3/ELF2	36	21	15	12
Long-Life Lead Δ	6	2RD6E2	2RD6E2/ELF2	27	19	14	10
	12	2RD12E3	2RD12E3/ELF2	36	24	17	13
Lead-Calcium Δ	6	2RD6M2	2RD6M2/ELF2	27	18	14	10
	12	2RD12M3	2RD12M3/ELF2	36	25	20	14

*National Electrical Code Specification

Δ = Improved Diagnostics Available

DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING FORMAT

For standard units without options only order Heads Series, Battery, Capacity and Lamps

2	RD	12	C	1	/L9	-TD
No. of Series Heads*	DC Battery Backup	Battery Type	Capacity Indicator	Lamp	Suffix**	Option
		Ni-Cad		12V 9W Incandescent		Time Delay

* Includes Standard Lamp.

* see lamp data sheet for other lamp wattages.