

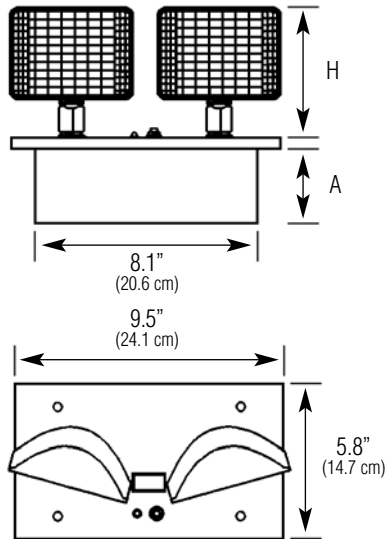
## GENERAL DESCRIPTION

The CR6/CR12 Series incorporates a contemporary, low profile design with low maintenance and quick installation features. The CR6/CR12 is completely self-contained, and is ideal for sheetrock or mechanical ceiling installations. The CR6/CR12 Series meets the Buy American requirements.

## ILLUMINATION

Illumination is provided by two adjustable lamp heads. Choose from round or rectangular thermoplastic heads with Par 36 sealed beam tungsten or halogen, or wedge base tungsten or halogen lamps.

## DIMENSIONS



	Lamp Head	Height (H)
H	J	5.0" (12.7 cm)
	W	6.0" (15.2 cm)

	CR6	CR12
A	3.4" (8.6 cm)	5.6" (14.2 cm)

Dimensions are approximate and subject to change.

# CR6/CR12 Series Recessed Emergency Lighting

**6 Volt, 14 to 28 Watts Sealed Lead Calcium or Nickel Cadmium Battery**  
**12 Volt, 50 to 75 Watts Sealed Lead Calcium**

## HOUSING

Backbox constructed of 20 gauge galvanized steel with 1/2" conduit knockouts.

Faceplate constructed of impact resistant, UL 94 V-0, 5 VA white thermoplastic. (6 volt units only)

12 Volt units utilize a 12 gauge steel trim plate with a durable powder-coat finish in white or black.

Fully recessed assembly for ceiling or wall installation. An optional bar hanger kit is available for mounting in suspended ceilings.

## ELECTRONICS

120/277 VAC dual voltage input with surge-protected, solid state charging circuitry provides for a reliable charging system.

Charging system is complete with low voltage disconnect, AC lockout, brownout protection, AC indicator lamp and test switch.

## BATTERY

Choice of maintenance free, sealed lead calcium or maintenance free, sealed nickel cadmium batteries

Maintenance free, sealed lead calcium battery has an estimated service life of 5 years, and an operating temperature range of 65°F (19°C) to 85°F (30°C)

Maintenance free, sealed nickel cadmium battery has an estimated service life of 10 years, and an operating temperature range of 20°F (-7°C) to 95°F (35°C)

Nickel cadmium batteries are ideal for high ambient temperature areas

Batteries supply 90 minutes of emergency power



SHOWN: CR6N14J662

## CODE COMPLIANCE

UL 924 listed

NFPA 101, NEC, BOCA, OSHA and IBC illumination standards

Optional damp location listing (12 V, 50 W models only)

## ELECTRICAL SPECIFICATIONS

Input power requirements

120 VAC - 0.07 amps, 7.3 watts

277 VAC - 0.03 amps, 7.3 watts

## WARRANTY

Three year full electronics warranty

One year full plus four year prorated lead calcium battery warranty

Five year full plus five year prorated nickel cadmium battery warranty

## ORDERING INFORMATION (EXAMPLE: CR6N14J662)



### SERIES/BATTERY

#### Lead Calcium

CR6 = 6V, 18W Unit  
 CR625 = 6V, 25W Unit  
 CR1250 = 12V, 50W Unit  
 CR1275 = 12V, 75W Unit

#### Nickel Cadmium

CR6N14 = 6V, 14W Unit  
 CR6N28 = 6V, 28W Unit



### LAMP HEAD

#### 6 Volt Units - Rectangular Wedge Base

J66 = 5.4 Watt Tungsten  
 J76 = 7.2 Watt Tungsten  
 J96 = 9 Watt Tungsten

#### 6 Volt Units - Round Wedge Base

WTA = 5.4 Watt Tungsten  
 WTD = 7.2 Watt Tungsten  
 WTB = 9 Watt Tungsten  
 WTS = 7 Watt Halogen  
 WTN = 9 Watt Halogen  
 WTT = 12 Watt Halogen

#### 6 Volt Units - Round Par 36 Sealed Beam

WY = 8 Watt Tungsten  
 WQ = 8 Watt Halogen  
 WCHY = 12 Watt Halogen

#### 12 Volt Units - Rectangular Wedge Base

J912 = 9 Watt Tungsten  
 J1212 = 12.5 Watt Tungsten  
 J1812 = 18 Watt Tungsten

#### 12 Volt Units - Round Wedge Base

WTC = 9 Watt Tungsten  
 WTE = 12.5 Watt Tungsten  
 WTF = 18 Watt Tungsten  
 WTV = 12 Watt Halogen

#### 12 Volt Units - Round Par 36 Sealed Beam

WNY = 12 Watt Sealed Beam  
 WE = 18 Watt Sealed Beam  
 WK = 25 Watt Sealed Beam  
 WG = 30 Watt Sealed Beam



### NO. OF HEADS

1 = One  
 2 = Two



### OPTIONS

DL = Damp Location <sup>1</sup>  
 V = Voltmeter <sup>2</sup>  
 W = White Trim Plate <sup>3</sup>  
 B = Black Trim Plate <sup>3</sup>

### ACCESSORIES

(order as a separate line item)

BHK1 = Bar Hanger for Mechanical Ceilings  
 WG8 = Wire Guard  
 PCS1 = Polycarbonate Vandal Shield

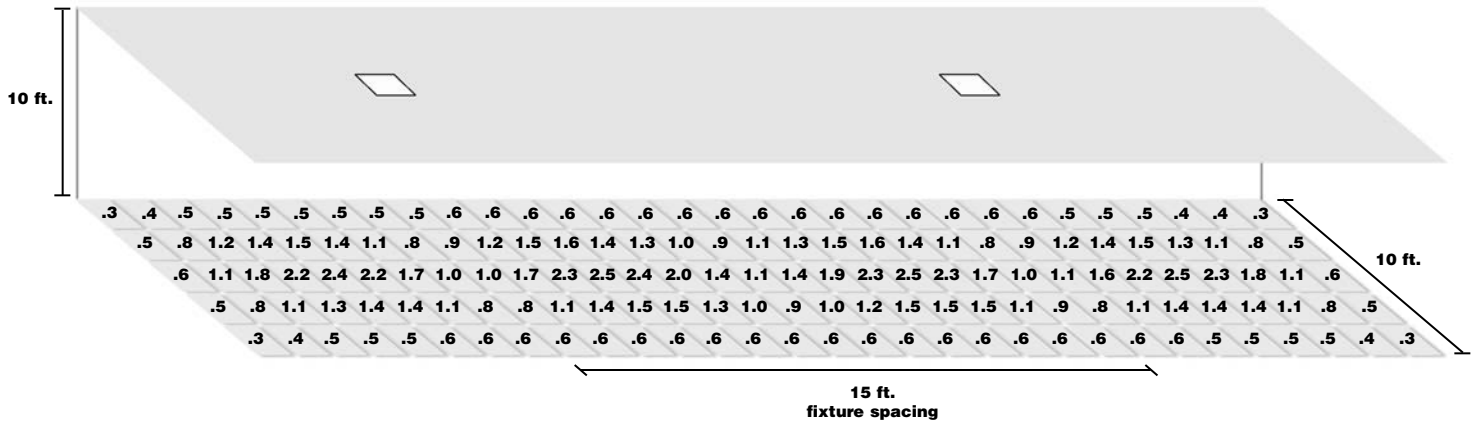
### NOTES:

- 1) CR12 - 50 Watt units only
- 2) Not available with CR6N28
- 3) 12 Volt units only

# Specification Data for CR6/CR12 Recessed Emergency Lighting Unit

## OPTICS

Wall mounted 10' AFF, 'J1212' 12 Volt 12 Watt Tungsten Lamps Represented  
1 FC Average



Average initial footcandles at floor = 1.07  
Maximum initial footcandles at floor = 2.5  
Minimum initial footcandles at floor = 0.5  
Maximum to minimum ratio = 5.00

\* The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. Chloride Systems is not responsible for site specific conditions that may alter the results.

## SUGGESTED SPECIFICATION

Furnish and install Chloride's recessed emergency lighting model \_\_\_\_\_. The unit shall be constructed to meet Underwriter's Laboratories, Inc. Standard #924 and the National Electrical Code (NEC).

**INSTALLATION AND OPERATION** - Unit shall be easily field connected to a 120 or 277 VAC, 60 hertz, unswitched power source. Installation must comply with the NEC as well as other applicable codes. Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within UL 924 requirements following a rated discharge of not more than 90 minutes.

**CHARGER** - Product shall utilize either a constant current (nickel cadmium) or fully automatic, voltage regulated (lead calcium) charging system. The charging system shall maintain the battery at full capacity without the need for periodic exercising or equalization. The following features shall be standard: low voltage disconnect (LVD), brownout protection and AC lockout.

**BATTERY** - The battery shall be either a maintenance free, sealed nickel cadmium or lead calcium battery. The nickel cadmium battery shall utilize sintered plate construction and polypropylene separators for trouble-free operation in ambient temperatures up to 95°F (35°C). The lead calcium battery shall provide trouble-free operation in temperatures up to 85°F (30°C). Nickel cadmium batteries shall be supplied with a five year full warranty, and sealed lead calcium batteries shall be supplied with a one year full warranty.

**ILLUMINATION** - The unit shall incorporate two (Par 36 sealed beam tungsten or halogen; wedge base tungsten or halogen) adjustable lamp heads.

**HOUSING** - The recessed backbox shall be constructed of 20 gauge galvanized steel. The faceplate for 6 Volt units shall be constructed of impact resistant, UL 94 V-0, 5 VA white thermoplastic. 12 Volt units shall have a 12 gauge steel trim plate with a durable powder-coat finish.



**CHLORIDE**  
SYSTEMS

272 West Stag Park Service Road • Burgaw NC 28425  
Telephone: (910) 259 1000 • Facsimile: (800) 258 8803  
www.chloridesys.com

C1041R17  
9/11 IH