CONSTRUCTION
• An extruded aluminum LED lamp housing is fitted within a recessed backbox fabricated from 18 SWG galvanized steel.

• Standard finishes: satin white enamel and brushed aluminum.

• Diamond polished acrylic lenses for optimum light transmission, exterior quality and high brightness.

• Ultra high output LEDs with up to 5 candela output in green or red produce brilliant graphic illumination well above code minimums.

MULTILITE MASTER-REMOTE SYSTEM
• All versions of this product have multiple remote capabilities. Up to 30 remotes may be connected to a Central Panel (Series MCS), or up to 5 remotes may be connected to a Master Sign (Series MTL). See MULTILITE spec sheets for full details.

• MULTILITE is the most cost-effective installation for all types of exit lights.

ELECTRONICS
• Isolated, all solid state power supply with 2- wire universal input from 120 VAC to 277 VAC with precise current and voltage regulation.

• Power supply is surge and spike protected, with a low voltage disconnect.

The complete power supply module with optional NICAD battery pack is sealed within a phenolic plastic enclosure. AC and DC wiring is quickly attached with plug connectors.

DIAGNOSTICS OPTION
• An advanced microprocessor monitors all charger functions and battery condition continuously, with software to automatically perform all tests and visual indications required by UL Standard 924.

CODES
• Manufactured and tested to UL Standard 924. Conforms to NFPA Life Safety Code 101, UBC and NEC.

WARRANTY
• 5 year total customer satisfaction warranty. For details see product catalog technical data section.
Install Signtex CRYSTAL Series CRR8 recessed LED exit signs. The lamp housing and canopy shall be of extruded aluminum, graphic lenses shall be optical grade acrylic with diamond polished edges. Lighting uniformity shall be better than 4:1 when measured over any illuminated area and average brightness will exceed 6 ft Lambert (21 Cd/m²). Life expectancy of the LEDs shall be in excess of 20 years. The power supply and charger shall be an isolated digital type with regulated current and voltage output to the lamp load and batteries (emergency models). AC supply shall be universal 120/277 VAC input via two-wire feed. One standard power supply shall be capable of driving up to 5 single face remote signs in addition to the master, with emergency operation at least 90 minutes for each sign. Battery charge time to restore full capacity after discharge shall be less than 24 hours.

**MOUNTING DATA & DIMENSIONS:**

- **WALL MOUNT-WATERFALL LENS**
- **WALL MOUNT-STANDARD LENS**
- **CEILING MOUNT**
- **PENDANT MOUNT**
- **END MOUNT-STANDARD**
- **END MOUNT-FREE LENS**

**BATTERY DIAGNOSTIC FUNCTIONS:**

Microprocessor programmed to perform tests as follows:

- **Continuous Monitoring w/ 1 Second Sampling**
  - Lamp Connections
  - Battery Connections
- **Every 28 Days**
  - Transfer switch function
  - Battery discharge rate under full load
  - Test switch indicator function
- **Every 12 Months**
  - Full emergency operation test with test/ fail and manual report signal

**ORDERING INFORMATION:**

**EXAMPLE:** CRR8BB-1RCBA-NA-T-DG

**MODEL SERIES CODE**

**CRR8 BB =**

- **OPERATION**: Battery Backup
- **NO. of FACES**: 1 = Single
  - 2 = Double
- **LETTER COLOR**: R = Red
  - G = Green
- **BACKGRD COLOR**: C = Clear (SF)
  - M = Mirror (DF)
- **STANDARD TRIM FINISH**: W = White
  - BA = Brushed Aluminum
  - X = Custom
- **ARROW/DIRECTION**: NA = No Arrow
  - AB = Arrow Both
  - AR = Arrow Right
  - AL = Arrow Left
- **MOUNT**: T = Top
  - W = Wall
  - R = Right
  - LE = Left
- **OPTIONS**: See Above