



Phone: 1-678-339-2326  
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## Radar Speed Signs

## Dolly Pole Mounted

# Model LCERDM-11-P

### FEATURES

- 11" LED Display (larger sizes optional)
- Radar is FCC pre-approved with CE mark for worldwide deployment
- Lowest power industry standard radar for speed measurement
- All LED Display
- Available in 24.125GHz and 24.200Ghz
- All Aluminum Display Enclosure
- Powder Coat Paint
- Built in White Violator Strobe
- Front Serviceable
- Over Speed Flashing Violator Alert
- Over Speed Blanking Violator Alert
- KPH Option available
- Pole 6' to 8' height, 2.75" Diameter, Aluminum, Steel Wheel-base



### Optional Solar Package

With Lightcast's optional Solar feature you will no longer need to trench or bore electricity to your radar speed sign. No more Power Bill!

### CPU Software

Configure violator alerts and other settings with our custom software.





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## MODEL LCERDM-11-P SPECIFICATIONS

Dimensions: 24" x 34" x 72", Weight: 82 lbs

### Pole

- Pole 3-1/2 lbs per running foot
- Pole Base weight: 24 lbs

### Sign Frame

- Open Front skin: constructed of .063 aluminum
- Back skin: constructed of .063 aluminum
- Viewing Window: .125" thick polycarbonate with UV matte finish
- Paint: Powder paint, flat black
- Salt spray fog: 1,000 hours
- UV Resistance: 500 hours

### Display Module

- Dimensions; 24" x 34" x 72"

#### Optical:

- Pixels are arranged in a 2 digit, (7) seven segment array.
- LED pixel spacing is .70 inches x .70 inches
- 15 degree viewing angle

### Photocell Assembly (built-in)

- Monitors ambient light conditions and adjusts brightness accordingly

### Standard Violation Alerts

- Characters flash when over preset threshold &/or built-in face white strobe
- Display will go blank when over preset threshold

### Radar

- Operating Band K-Band
- Frequency 24.125 GHz  $\pm$ 5Mhz
- Power Output 5mW
- Beam angle 38 x 45
- Polarization Linear
- Supply Voltage 5.5V DC to 16V DC (18VDC max)
- Nominal Current Draw 9.5 mA
- Operating Temp. -40 F to +185 F (-40 C to +85 C)
- Accuracy  $\pm$ 0.1 mph
- Speed Range 2 to 99 mph
- Detection Range Typically 300+ feet (90+ meters)

### Solid State Regulator

#### Electrical Specifications:

- Voltage: 12V
- Rated Solar Input: 10A
- Rated Load Current: 10A
- Equalization Voltage: 14.8V
- Boost Battery: 14.4V
- Float Battery: 13.6V
- Low Voltage Disconnect: 11.1V
- Low Voltage Reconnect: 13.1V
- Self-Consumption: 6 mA
- Operating Temp. -35 to +55oC

### Options

- KPH and 3 digit display
- (2) 12v VDC 18 amp batteries
- AC kit
- Punched metal or open face
- Round Aluminum Pole kit 11 -20
- Traffic Stats (5 to 99 mph)
- Bluetooth
- Solar Kit
- Your Speed Is sign
- Speed Limit Signage