# MODEL ECO-117-D12 SPECIFICATIONS
**Double 12" Red LED Stop Beacon 24/7 (Meets MUTCD & ITE Standards)**

**Solar Panel**

- Maximum Power (P max)                    40 W
- Voltage at Pmax (V mp)                   17.3 V
- Current at Pmax (IMP)                    2.31 A
- Short-Circuit Current (Isc)               2.57 A
- Open-Circuit Voltage (Voc)              21.6 V

**Solid State Regulator (built-in flasher & dimmer)**

K&K Systems SPLasher is a compact all-in-one solar controller with maximum power point tracking, flasher, and auto-dimmer. Its compatible with all 24-7 solar stop beacons, hazard beacons, and has a dry contact for sensor activated beacons. The switch port allows you to hook up any activation switches such as the high water level sensor, motion sensor, push button sensor, moisture sensor, or radar sensor. With the adjustable mode, you can adjust the duty cycle from 90/10 to 50/50 and change the flashers to activate for 24-7, 30 minutes, 3 minutes, or 1 minute.

**Traffic Stop Beacons**

**Polycarbonate Housing:**

- 12" light housing plastic injected molded polystyrene tufen u.v. impregnated material for ultra violet rays

**LEDs:**

- Color                                Red
- Applied Voltage                       12VDC
- Power Consumption (watts)        5
- Dominant Wavelength (nm)         626
- On Axis Luminous Intensity (Min)   450 cd
- LEDs per signal lamp                 121
- Intensity loss due to single LED failure    .83%
- Operation Temperature             -40°F to +165°F

**Control Cabinet/Battery**

- Cabinet is 17½" x 11¼" x 4", .063, aluminum, located below solar panel.
- Included batteries shall be (2) 18 amp.