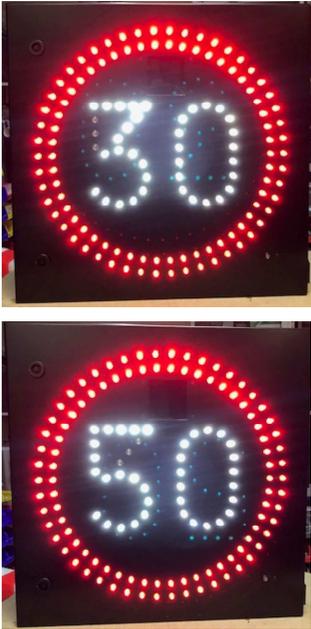
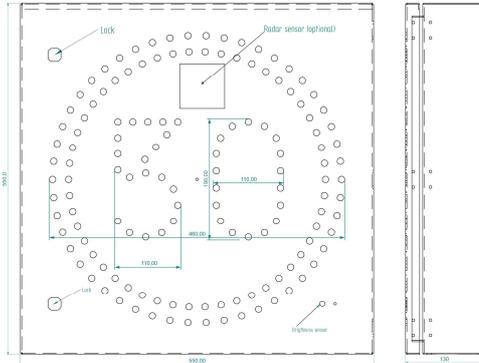


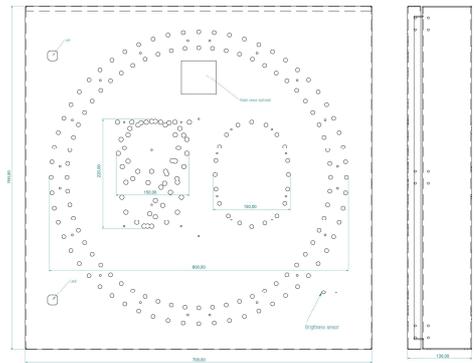
## Speed limit sign 450/600 mm



**450 mm**



**600 mm**



### **Mechanical specification:**

- Rugged aluminum case with powder coated Size: 450 mm (550 x 550 X 130 mm) 600 mm (700 x 700 x 130 mm).
- 2 mm sheet metal aluminum
- Internal shield polycarbonate 3 mm thickness
- Electrical protection IP56.
- Flexible mounting brackets for pole. (diam. 76 mm, but 60, 89 and 120 mm as option) (anti-theft system up to diam. 120 mm as option)

### **Led digit display**

- 450 mm (Circle: 104 pcs RED led, numbers: 40 pcs WHITE/AMBER led, Character height: 190 mm)
- 600 mm (Circle: 120 pcs RED led, numbers: 60 pcs WHITE/AMBER led, Character height: 220 mm)
- High brightness (Red: 8000 mcd, White: 25 000mcd, Amber: 6000 mcd) sorted in wavelength and intensity
- Led: **CREE**
- Viewing angle of 30 °
- Reading distance: 150 - 250m

### **Radar sensor (optional)**

- Speed range: 1-199 KPH (or 1-199 MPH)
- Speed accuracy: ± 1 KPH (± 1 MPH)
- Measurement range: up to 80-120m (depends on circumstances)
- Directional radar sensor

### **Electrical specification:**

- Temperature range: -30 to + 60 °C
- Weight: 15 kg (with battery)
- Battery (optional): 12VDC 20 Ah
- brightness adjustment with continuous characteristic (millions of level).
- Power supply:
  1. temporary 90-264 VAC (5W)
  2. Street light (charging at night-time only) 20Ah battery is included
  3. Solar power (20Ah battery and 50/100 W solar panel is upon request)
- Standby power consumption less than 10 mA at 12V DC (50 mA with radar sensor)
- Quick and easy installation

### **Settings:**

- Easy and user-friendly setting without using PC by small internal switches for the following functions (other functions can be added):
- Flashing rate 1 or 2 Hz (500 msec or 1000 msec alternate)
  - Permanent lighting
  - 2 different speed limit can be chosen
  - Switching between the 2 different speed limit can be done by weekly timer or 4G modem (included timer and manual switch option via remotely)
  - KPH or MPH (MPH is optional)



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