

# Traffic Systems Ltd.

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## Traffic light Countdown Clocks

### TRS-CD180, TRS-CD110

Countdown clocks give pedestrians or drivers the remaining time for red or green signal period. So drivers and pedestrians adjust their speed to pass an intersection. Countdown clock is directly connected to red and green signal lamp of the traffic signal section.  
Four wire connection:  
220V phase, zero, red and green signal



- \* Long and Reliable Life Time;
- \* Stable Light Output Between -25°C and 50°C
- \* Withstand high level of mechanical shock and vibration;
- \* IP-55 Housing, withstand weather elements, wind, rain, snow, sand, sunlight;
- \* Compatible with the environment:  
Sensor for an outside illumination and an automatic easy adjustment of the brightness in the range from 100% by direct sun shining to 20% by work in the night without electric street-lighting.

## TECHNICAL SPECIFICATIONS

	TRS-CD180	TRS-CD110
<b>Digit Height</b>	180 mm	110 mm
<b>Overall dimensions</b>	Height: 370 mm Width: 360 mm	Height: 280 mm Width: 280 mm
<b>Power Consumption</b>	16 W nominal	8 W nominal
<b>Power Demand</b>	185-260VAC 45-65 Hz	185-260VAC 45-65 Hz

### ENVIRONMENTAL SPECIFICATIONS

**Temperature:** In the range of -25°C +50°C

**Humidity:** Relative humidity range of 0% - 95%

### MECHANICAL SPECIFICATIONS:

Housing Polycarbonate Isolation

### LED SPECIFICATIONS

**LED Diameter:** 5mm

**LED Viewing Angle:** 70°

**LED Wavelength:** 630nm (for Red)  
505nm (for Blue-Green)

**Lifetime:** 100.000 hours (averaged)