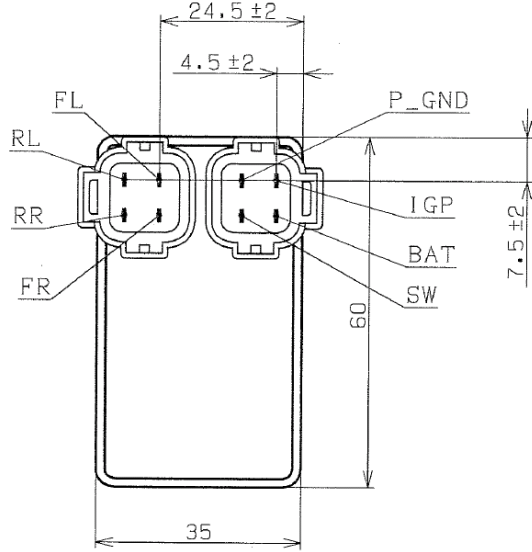
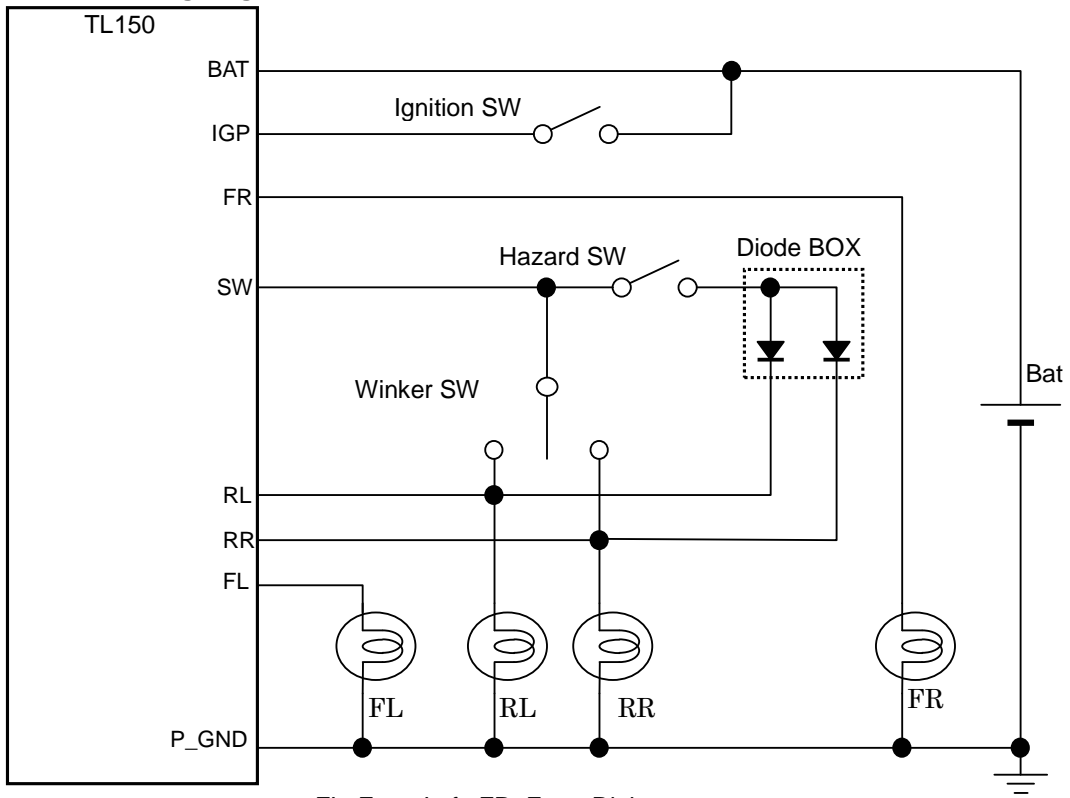


TL150 Description

1. Pin layout



2. Connecting diagram



FL: Front Left, FR: Front Right

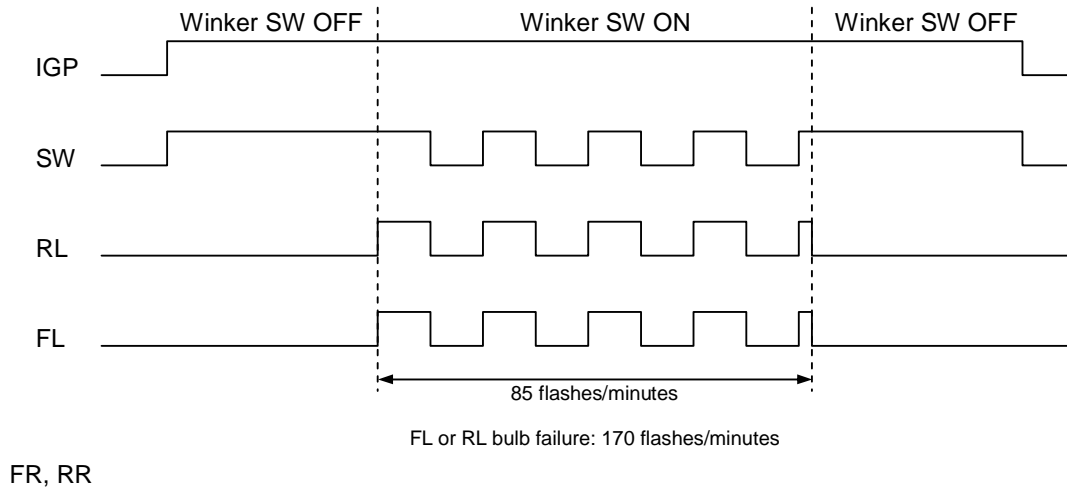
RL: Rear Left, RR: Rear Right

3. Electrical characteristics

| Item | Specification |
|-------------------------|--|
| Power supply voltage | DC 12.0V |
| Bulb | 12V 15W - 25W x 4 |
| Normal flash rate | 85+/-12 flashes/minutes ON-Duty: 50+/-13% |
| Bulb failure flash rate | 170+/- 50 flashes/minutes ON-Duty: 50+/-13% |
| Hazard flash rate | 85+/-12 flashes/minutes ON-Duty: 50+/-13% |
| Storage temperature | -20°C - +80°C |
| Operating temperature | -20°C - +80°C |
| Operating voltage | 8.0V – 16.0V |
| BAT pin static current | Maximum 100uA |
| Starting voltage | Minimum 8.0V |

4. Flashing feature

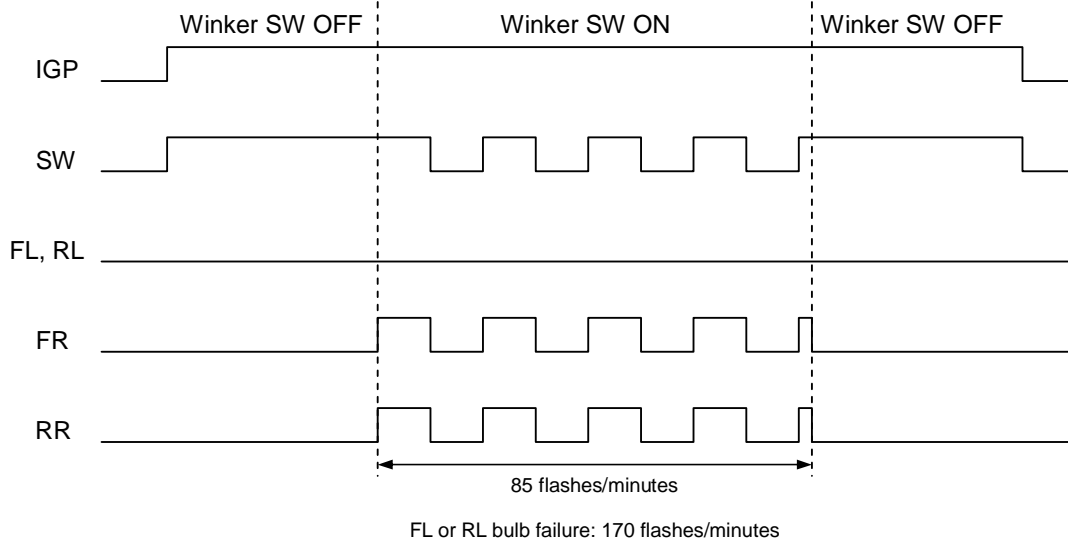
4.1 Left side flasher (Winker SW RL: ON)



FL: Front Left, FR: Front Right

RL: Rear Left, RR: Rear Right

4.2 Right side flasher (Winker SW RR: ON)

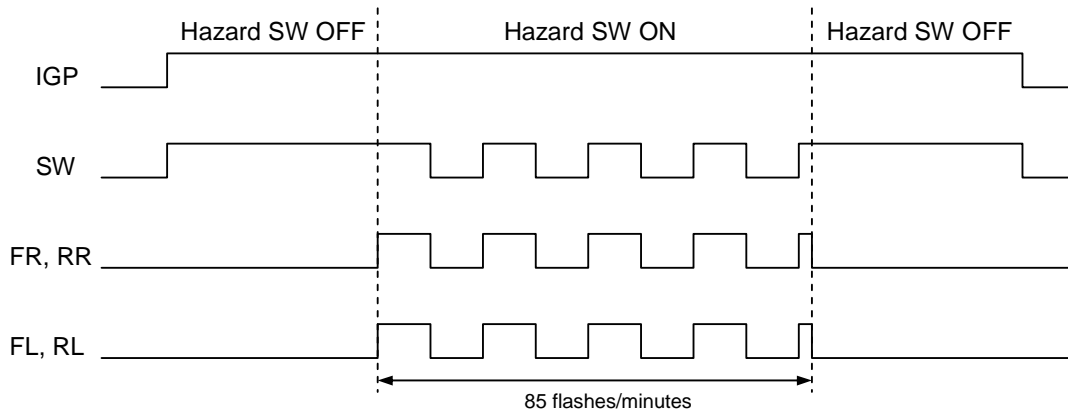


FL: Front Left, FR: Front Right

RL: Rear Left, RR: Rear Right

5. Hazard feature

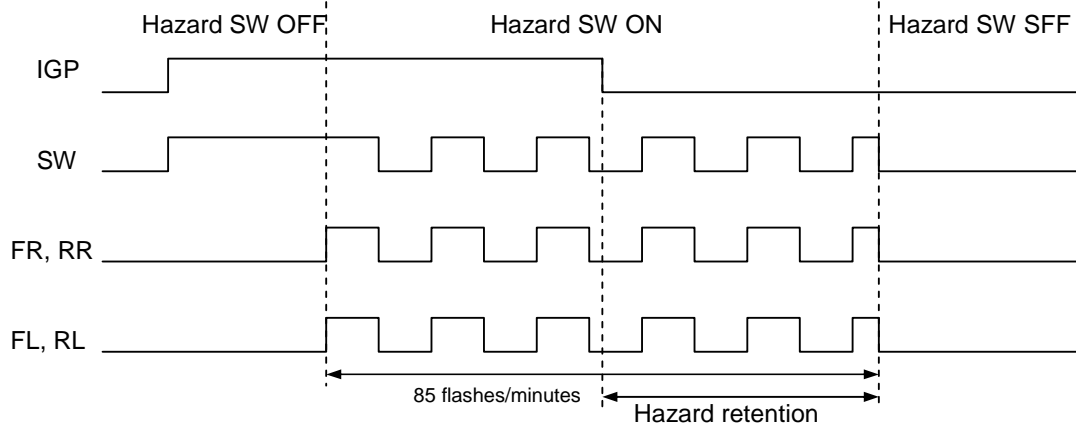
5.1 Hazard flash



FL: Front Left, FR: Front Right

RL: Rear Left, RR: Rear Right

5.2 Hazard retention



FL: Front Left, FR: Front Right

RL: Rear Left, RR: Rear Right