Put a 100 nF bypass capacitor between power pins of all ICs.

LEDs have a 10 mA diffused lens.
The 12 ohm resistors limit LED current to about 25 mA.

U1A: HIGH is normal, LOW is broken cable.
U1B: LOW is normal, HIGH is broken cable.

Put a wire jumper across "DS" on the board if a flasher is used (it has a built-in current-limiting resistor). If replaced by a regular 10k resistor, use a 11 kΩ resistor.

U10A: HIGH is normal, LOW is water leak.
U10B: HIGH is normal, LOW is water leak.

DMR5144 is a dual 4-input CMOS 10 Ohm line driver.
1 chip is required.

pins 1-11: 0 Volts
pins 12-15 and 16-18: reserved
pins 19-30: water leak condition (high, 100V)
inputs: all LOW is the normal condition, even one HIGH is trouble
output: all LOW is the normal condition, even one LOW is trouble
pins 31-60: broken cable condition (high, 100V)
inputs: all HIGH is the normal condition, even one LOW is trouble
output: all HIGH is the normal condition, even one LOW is trouble