



Automotive Components since 1963

Intelligent LED SOLUTION

i-LS is the intelligent solution to the problem of “Lamp Failure Warning” with LED direction indicator in a circuit made by LED and conventional bulb lamps.

For legal requirements, the flashing speed of the direction indicator must increase when an LED light or a bulb fails in the indicator circuit.

i-LS is an universal solution as it solves “Lamp Failure Warning” troubles with every LED cluster between 1W and 8W.

Combined with our LED Flasher Unit, **i-LS** allows a reliable detection of LED cluster failure and prevents irregular or spurious signals on the dashboard warning light.

The solution does not consists in a resistive load in parallel to the lamp, which is risky and useless. **i-LS** does not produce heat and can be fitted anywhere.

One i-LS unit per LED cluster, that's what it's all about

NO RESISTORS=
NO HEAT =
SUPERIOR RELIABILITY

Connessione i-LS al LED cluster	i-LS Unit
<p>49a R/L Branch</p>	<p>Part nr. 160954 12 V</p> <p>Part nr. 160955 24 V</p>
LED Flasher Unit suitable for i-LS	KIT BASE: 1 FLASHER i-LS + 2 i-LS UNIT

160956	160957	160958	160959
12V MAX 90W	12V (2+1) MAX 140W	24V MAX 90W	24V (2+1) MAX 140W

The flasher works combined with LED lamps between 1W to 8W and conventional 21W bulbs.