

# LED Protector

- ✦ Protect individual constant current circuits up to 350mA or up to 700mA.
- ✦ Detect a problem in less than 2ms and trip to protect your LEDs.
- ✦ Have a warning light to indicate a problem has been detected.
- ✦ Are easily reset by simply cycling the power once the problem is corrected.
- ✦ Can be installed anywhere in a constant current circuit to protect all LEDs in that circuit.

## Ultra fast, resettable, series connected electronic fuse

The LED protector protects your LED lights from wiring and power failure hazards that can result from:

- Environmental hazards (e.g. flooding, exposure to corrosive environments (salt air) or humidity);
- Wiring damage (e.g. corrosion, fatigue, accidental or animal activity);
- Improper power supply (e.g. over current, power surges or dips);
- Defective workmanship and improper installation.



Protector	SLP350	SLP700
Max forward voltage	60V	60V
Max reverse voltage	60V	60V
Normal LED operating current	350mA	700mA
Over current trip threshold	<550mA	<900mA
Time to trip during fast surge	<0.5 ms	<0.5ms
Typical fault energy/3V LED during surge	<10mJ	<10mJ
Power dissipated during normal operation	<0.45W	<0.9W
Trip fault indicator	RED LED	RED LED
Max fault current once tripped (@60V)	15mA	15mA
Driver to luminaire connection	tinned wire	tinned wire
Size	25 x 25 x 15mm	25 x 25 x 15mm
IP Rating	IP64	IP64

# LED Tester

- ✦ • Testing for reverse connections
- ✦ • Testing for short circuits
- ✦ • Testing for open circuits
- ✦ • Auto-off when not in use
- ✦ • Powered by 3 x AAA batteries (included)

## Safely test any LED installation (2-39V)

Once LEDs are installed but prior to driver connection, use the LED Tester to ensure all connections have been made correctly during installation. If a faulty connection is present, the LED tester will identify it and save the LED from failure, also saving you subsequent time and replacement costs.

It is also a great fault diagnostic tool to determine whether a non-working LED is due to a faulty driver or a faulty luminaire. This is a very useful tool for use in the workshop and in customers' homes to identify a fault and identify the correct replacement component.



SLAT301

Max LED test forward voltage	39V
Min LED test voltage	2V
Normal LED test current	5mA
Open circuit detection threshold	>39V
Short circuit detection threshold	<1.5V
On time before automatic turn off	120 seconds
LED indicator: Green Red Flash Red Flash Red-green	Test ok Short circuit (<1.5V) Open circuit (>39V) Replace battery
o/p connections (included)	crocodile clips (red/black)
IP Rating	IP20
Battery life (3x AAA batteries included)	Approx 50 hours of use