

After Power ON, the Status LED on a Clevertest Plus enabled fitting will display a rapid Green or Red flashing for a period up to 2 minutes.

**Zoneworks, HIVE and DATA Monitored Options**

Fittings with part numbers -ZW, -HV/-HVG, -DATA are fitted with Zoneworks communications modules (nodes). These fittings are monitored using either Powerline Carrier Technology that utilize the power cable to provide data communication, RF transceiver modules operating in the ISM band or a dedicated data cable to/from data routers installed on a dedicated data trunk connected to a central Server (can also be connected via Ethernet/Internet/Fibre). Zoneworks software on the server is used to monitor, coordinate testing and collate test data from each fitting. Zoneworks Fittings can be commissioned by a single push of the test switch or by scanning the supplied barcode. The LED Test Switch indicator provides a multifunction indication of the status of the fitting during testing and normal operation:

Option	State	LED Operation
ZW, HV,HVG, DATA	Commissioned	LED on Solid (Green)
ZW, DATA	Un-commissioned	<b>Batt plugged-in:</b> yellow 1s, green 1s
		<b>Batt unplugged:</b> red 1s, off 1s
HV, HVG	Un-commissioned With network connectivity	<b>Batt plugged-in:</b> yellow 1s, green 1s
		<b>Batt unplugged:</b> red 1s, off 1s
HV, HVG	Un-commissioned Without network connectivity	<b>Batt plugged-in:</b> yellow 250mS, green 250mS, yellow 250mS, green 250mS, green 1s
		<b>Batt unplugged:</b> red 250mS, off 250mS, red 250mS, off 250mS, off 1s
ZW, DATA	Emergency Light Test In Progress	LED flashes at yellow 5s , Off 1s
HV, HVG	Emergency Light Test In Progress	LED flashes at yellow 1s , Off 1s

In the case of the DATA version a 2-way “figure 8” cable and terminal block facilitates the connection to the DATA network via a multi-drop bus (daisy chain connection). For further information of installation of a Zoneworks system, please refer to the Zoneworks Users Guide and Commissioning Guide (incl. DATA version)

**DALI EM Option**

DALI Luminaires are fitted with DALI modules (nodes) that facilitate connection and integration to 3<sup>rd</sup> Party Lighting Control Systems. Before installing the DALI luminaire, please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The DALI fitting will be addressed and configured into the control system by the Lighting Control System Commissioning Technicians and not Clevertronics.

State	LED Operation
Commissioned/ Un-commissioned	LED on Solid (Green)
Emergency Light Test in progress	LED flashes at 1s On (Yellow) & 1s Off
“IDENTIFY COMMAND”	Lamp Flash for 30 seconds

A 2-way “figure 8” cable and terminal block facilitates the connection to the DALI network. DALI connections are marked as Da Da.




**L10™ Swingblade LED**

**Installation & Maintenance Instruction Leaflet**



Swingblade® in wall mounted configuration

**Designed in Australia to comply with the requirements of AS2293.3: 2005 and AS/NZS CISPR15: 2017.**

NOTE: Standard product codes with this symbol  are enabled with Clevertest Plus capability. Please refer to the operation guide supplied with the product for details.

**Victoria (Head Office & Manufacturing)**  
 Website: [www.clevertronics.com.au](http://www.clevertronics.com.au)  
 Email: [info@clevertronics.com.au](mailto:info@clevertronics.com.au)  
 Phone: +61 3 9559 2700  
 Fax: +61 3 9559 2799

**New South Wales**  
 Phone: +61 2 8805 6400  
 Fax: +61 2 8805 6444

**Queensland**  
 Phone: +61 7 3442 9700  
 Fax: +61 7 3442 9777

**South Australia/Northern Territory**  
 Phone: +61 8 8301 8800  
 Fax: +61 8 8351 8286

**Western Australia**  
 Phone: +61 8 9207 0000  
 Fax: +61 8 9207 0088

**New Zealand**  
 Phone: +64 800 548 448

**Models: LSBLED-yy-xx-ss-zz-vv  
 LCSBLED-yy-xx-ss-zz-vv (Classic blade option)**

Testing:	Options:				
Manual Test	xx = Blank	Running Man	ss=R	Black in colour	vv = BLK
Zoneworks	xx = ZW	Running Man Left Arrow	ss=RL	Special Legend	ss = SP
Z/W DATA	xx = DATA	Running Man Right Arrow	ss=RR	Fire Panel Sound Control	zz = SND-24V
Zoneworks HIVE	xx = HV/HVG	Double sided R/M	ss=DS-R	Zoneworks Sound Control	zz = SND
DALI	xx = DALI	Double sided R/M Arrow	ss=DS-RAOW	Theatre	yy = TH
DALI-2	xx = D2				

**Spare Parts:**

1530070	Battery Replacement
8003212	Replacement Emergency Driver
8003211	Replacement Emergency Driver (-DALI, -HV, -HVG, -D2)
8003210	Replacement Emergency Driver (Theatre, -DALI, -HV, -HVG, -D2)
8002301	Replacement Emergency Driver (Theatre)
8002185	Replacement Emergency LED Board
3740010	Replacement Sound Module

**Important:**

It is illegal for anyone, except for a licensed electrician to install or maintain this product. Before installation, ensure that the electricity supply has been switched off and isolated. Installation must be carried out in accordance with the relevant Australian and International Standards.

