Zoneworks and DATA Monitored Options

CLP Cleverfit PRO with part numbers CCFPRO-ZW and CCFPRO-DATA are fitted with Zoneworks communications modules (nodes). These fittings are monitored using Powerline Carrier Technology that utilises the power cable to provide data communication to/from data routers installed on a dedicated data trunk connected to a central Server. Zoneworks software on the server is used to monitor, coordinate testing and collate test data from each fitting. Zoneworks CLP Cleverfit PRO can be commissioned by a single push of the test switch or scanning of the supplied barcode. The LED Test Switch indicator provides a multifunction indication of the status of the CLP Cleverfit PRO during testing and normal operation:

State	LED Operation
Commissioned	LED on Solid (Green)
Un-commissioned	LED flashes at 0.5Hz (0.5s Green, 0.5s Yellow)
Emergency Light Test in progress	LED flashes at 3s On (Yellow) & 0.5s Off

For further information of installation of a Zoneworks system, please refer to the Zoneworks Users Guide.

DALI EM Option

CLP Cleverfit Pro with part numbers CCFPRO-DALI are fitted with DALI modules (nodes) that facilitate connection and integration to 3rd Party Lighting Control Systems. Before installing the CCFPRO-DALI please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The CCFPRO-DALI 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”	Fitting goes into emergency mode for 10 seconds

A 2-way “figure 8” cable and terminal block facilitates the connection to the DALI network OR a 5/6way “structured wiring system” lead and plug facilitating the power and DALI connection. DALI connections are marked as Da Da.

Caution:

On many building sites, power circuits may be cut off in an uncontrolled and repetitive basis during construction. As a result, any Cleverfit Pro Units, on these circuits, will have their batteries discharged or “cycled”. The Li-ion battery in the Cleverfit Pro has been selected to give excellent long-life performance in a controlled IEC 60598-2-22 testing environment. Excessive battery cycling will reduce through-life performance and may lead to premature battery failure. Battery warranty claims, as a result of such abuse, are specifically EXCLUDED from Clevertronics warranty terms.

CLP LITHIUM IRON PHOSPHATE
PREMIUM
PROVEN PROJECT PERFORMANCE

Clevertronics
Emergency Lighting Innovation

CLP™ Cleverfit Pro LED Exit

Installation & Maintenance Instruction Leaflet

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Phone: +61 3 9559 2700
E-Mail: support@clevertronics.com.au

UK OFFICE
362 Stockley cl
West Drayton UB7 9BL

CE **IP20**

Models: CCFPRO-xx

Testing Options:

Manual Test	xx = Blank
Zoneworks	xx = ZW
Z/W DATA	xx = DATA
DALI Comp.	xx = DALI

Spare Parts:

8003095	PCA:CCF-Pro #CT10142-L8 6C70 NON CTP
1550030	BATT:CLP 3.2V 3200mAh 260mm lead,noBRKT.
8002710	PCA:DurisLED Strip Clvrft Pro CT10276-D1

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 British Standards.

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Installation:

The CLP Cleverfit Pro can be installed either Ceiling or Wall Mounted. The CLP Cleverfit Pro uses a “slide connect bracket base” that is mounted and wired into position first. The main body can be installed once the base is wired or later to avoid damage during the construction phase. Please follow the steps below to install the CLP Cleverfit Pro Exit:

- Disengage the slide connect bracket from the exit body. Position the base in the mounting position.
- Using the bracket as a guide, mark 2 holes for mounting and one for mains access. Then install the bracket using appropriate fixings (not supplied).
- Configure all the mounting parts and cable entry points as below (if required) and engage the body into the slide connect bracket. Connect mains and check that the CLP Cleverfit Pro Exit is
- Operational.
- This luminaire contains non-user replaceable light source and battery.

Networking:

When installing the product on a monitored network, (ZONEWORKS, DATA, DALI) simply insert the relevant Smart Node PCA.

Testing Procedure:

When the unit is connected to the un-switched active, it must be allowed to charge the battery for at least 24 hours. The emergency lamp only illuminates during a power fail. Conduct the following tests:

- The emergency lamp must illuminate for at least 180 min after disconnection from the mains. If the unit fails to illuminate for the requisite time, remedial action must be taken to repair the situation and once completed, the unit must pass a subsequent test.
- Press and hold Test Button or switch Off Mains Supply, check that the emergency lamp is On.
- Release the Test Button or Switch On Mains Supply, check that the emergency lamp is Off (Non-maintained operation).

Trouble Shooting:

Below are a list of common problems and their possible causes.

Fault: **The Green LED Test Switch indicator is not illuminated.**
Check: A.C. is connected and is turned on.
Battery is connected
Test Switch for damage.

Fault: **Lamp does not illuminate in emergency mode.**
Check: A.C. is connected.
Lamp is correctly inserted.
Battery is connected

Fault: **Lamp illuminates in emergency mode, but only stays on for a short period.**
Check: Battery has been allowed to charge for at least 24 hours.
Battery for damage.

Luminaire Classification:

X	1	A D F G	180

Warranty:

For Product Warranty information and Terms and Conditions of Sales please refer to our website https://clevertronics.com.au/warranty-statement/