Testing:

Once connected to the 240V mains supply, the unit must be allowed to charge the battery for at least 24 hours. Conduct the following tests:

- For the first test, the emergency lamp must remain illuminated for at least 2 hours after disconnection from the mains supply.
- Subsequent tests require the unit to illuminate for at least 90 minutes. The results of all tests are required to be recorded in a service logbook, which is to be kept on-site at all times. If the unit fails to remain illuminated for the requisite time, remedial action must be taken to repair the situation and once completed, the unit must pass a subsequent test. For more specific information, please refer to the current edition of the AS 2293.3 Standard.

Maintenance:

Lamp Replacement:

- Use only the lamp(s) recommended on the label inside the Weatherproof Exit.
- To replace the lamp bar, remove the screws, disconnect the signal cable and install the new lamp bar.

Battery Replacement:

- Use only the battery recommended on the label inside the Exit fitting and on this instruction.
- Remove the cable ties holding the battery, un-plug the lead from the PCB and remove the old battery.
- Clip the new battery into the holder, route the DC cable to the PCB and plug the new battery into the PCB.
- Secure the battery using suitable cable ties

Rated Emergency Lumen Output in accordance with AS2293.1 (refer to spacing tables for installation positions): (N/A for -SP option)

Refer to the Technical Label for classification information.

Caution:

On many building sites, power circuits may be cut off in an uncontrolled and repetitive basis during construction. As a result, any Exit & Emergency Units, on these circuits, will have their batteries discharged or "cycled". The battery in this fitting has been selected to give excellent long-life performance in a controlled AS2293 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.

For Product Warranty information and Terms and Conditions of Sales please refer to our website
http://clevertronics.com.au/terms-conditions-sale-australia-nz/

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.

LP™ Weatherproof LED Exit

Installation & Maintenance Instruction Leaflet

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Designed in Australia to comply with the requirements of AS2293.3: 2005 and AS/NZS CISPR15: 2011.

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.

Models: CWELED-ww-xx-WM-uu-yy-vv-zz-ss

Options:

Testin

			Running man	yy = R		
			Running man right	yy = RR		
Manual Test	xx = Blank		Running man left	yy = RL		
Zoneworks	xx = ZW		Exit	yy = E		
Zoneworks DATA	xx = DATA		Exit Left	yy = EL	Theatre	ww = TH
DALI	xx = DALI	DALI	Exit Right	yy = ER	Tamperproof	uu = TP
HIVE	xx = HV		Special Decal	ss=SP	Black	zz = BLK
Clevertest	xx = CT		4 Hour Runtime	vv = 4HR		

(NOTE: -CT Products supplied with the Clevertest Plus Symbol are activated with Clevertest PLUS capability. Please refer to the operation guide supplied with the product for details).

Spare Parts:

1550190	BATT: LP 3.2V 1500mAh 390mm lead, no BRKT
8002120	PCA: DLED Cleverfit LightStrip, CT10152-D2
AUM02370090001	CWELED-CKIT, WP LED Exit, Control Kit, LP, OWC
AUM02270260102	CWELED-CKIT-DALI, WP LED Exit, Control Kit, Dali Reg, LP
AUM02870040001	CWELED-CKIT-HV, WP LED Exit, Control Kit, HIVE, LP

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.
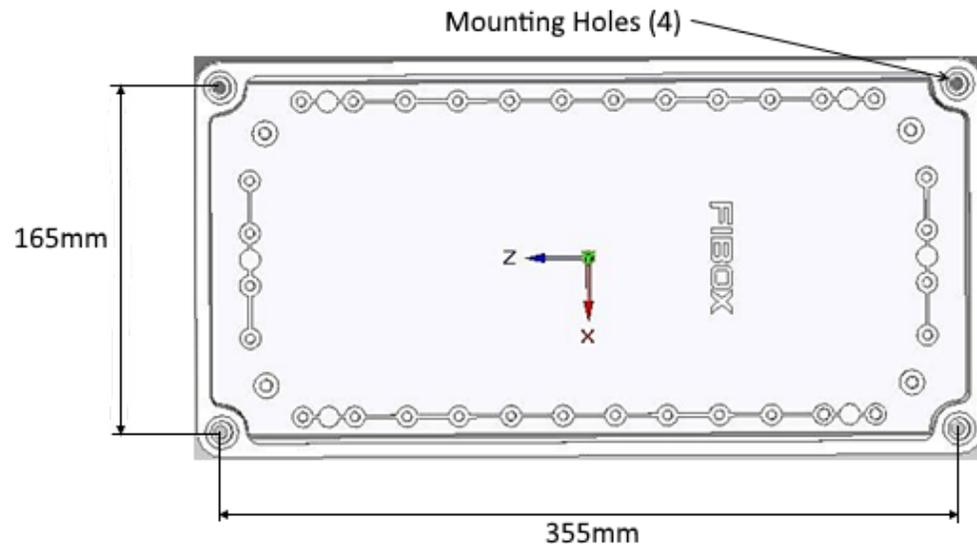
Installation:

The LP Weatherproof LED Exit (CWELED-WM) is Wall Mounted. The CWELED is housed in a weatherproof enclosure. The enclosure base is attached to the wall using screws installed through the 4 isolated holes. Once the base is mounted, gear tray wired cover is to be installed . Please follow the steps below to install the Weather Proof Exit:

- Remove the enclosure cover.
- Remove the gear tray.
- Determine power entry.
- Drill power access hole in the box base.
- Position the box base in the mounting position.
- Mark the 4 holes for mounting. Install the base using appropriate fixings (not supplied).
- Connect the 240VAC supply to the terminal block.
- Reinstall the gear tray.
- Reinstall the enclosure cover.

If the CTP capabilities are activated, please affix the CTP status Label to a visible surface and Four Segment Marking on the product will include an ''F'' in third segment block.

Images and Dimensions:

Mounting Holes (4)

165mm

355mm

FIBOX

Clevertest and Clevertest Plus

In order to access Status LED and Tests Switch, front cover of the fitting needs to be removed.

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.

Refer to the supplementary operation guide supplied with the Product.

Zoneworks and DATA Monitored Options

Fittings with part numbers -ZW, -HV, -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, DATA	Commissioned	LED on Solid (Green)
ZW, DATA	Un-commissioned	**Batt plugged-in:** yellow 1s, green 1s
		Batt unplugged: red 1s, off 1s
HV	Un-commissioned With network connectivity	**Batt plugged-in:** yellow 1s, green 1s
		Batt unplugged: red 1s, off 1s
HV	Un-commissioned Without network connectivity	**Batt plugged-in:** yellow 250mS, green 250mS, yellow 250mS, green 250mS, green 1s
		Batt unplugged: red 250mS, off 250mS, red 250mS,off 250mS, off 1s
ZW, DATA	Emergency Light Test In Progress	LED flashes at yellow 5s , 0ff 1s
HV	Emergency Light Test In Progress	LED flashes at yellow 1s , 0ff 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

Exits with part numbers CWELED-DALI-WM are fitted with DALI modules (nodes) that facilitate connection and integration to 3rd Party Lighting Control Systems. Before installing the CWELED-WM-DALI please confirm that the Lighting Control System has the capability to monitor DALI Emergency Luminaires. The CWELED-DALI-WM 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. DALI connections are marked as Da Da.