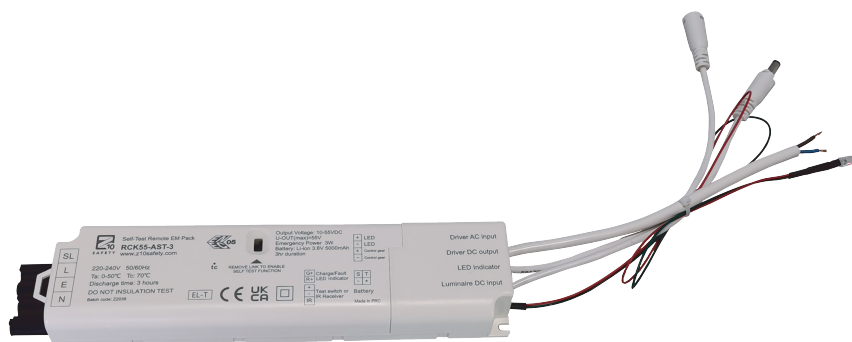


Remote Emergency Conversion Pack



Features

Our RCK55-AST-3 is our high quality remote emergency conversion pack manufactured to provide full compliance to the latest standards. Designed to drive a very wide range of LED loads during 3 hour of emergency lighting with self-test function as user-selectable. Pre-wired with plug&play connectors for easy installation.



Remote Emergency Conversion Pack Specification

	RCK55-AST-3
Rated supply voltage	220-240 V AC
Mains frequency	50 / 60 Hz
Max power consumption	5W (only during charging mode)
Standby power	< 0.8W
Emergency output power	3W Constant Power
LED forward voltage range	10-50 Vdc
Max.output voltage	55 Vdc
Emergency rated duration	3 hours
Battery charging time	Up to 8 hours (first charge up to 16 hours)
Max. Ambient temp.	25°C
Max. battery temp.	60°C
Safety class	II
Dimensions (H x W x L)	25.6 x 55 x 223 mm
Battery types	18650 * Li-ion 3.6V 5000mAh

*Subject to Company T&Cs.

**Self-test function is disabled by default. If self-test function is required please remove the jumper located in the EM pack (see below installation Step 7) and see the Advanced Self Test testing regime.

IMPORTANT NOTE: If the Advanced Self-Test function is not enabled the luminaire must be tested by a competent person according to BS EN 50172:2004.

AST (Advanced Self-Test)

This is a self-test emergency conversion pack. Only if self-test function is enabled:

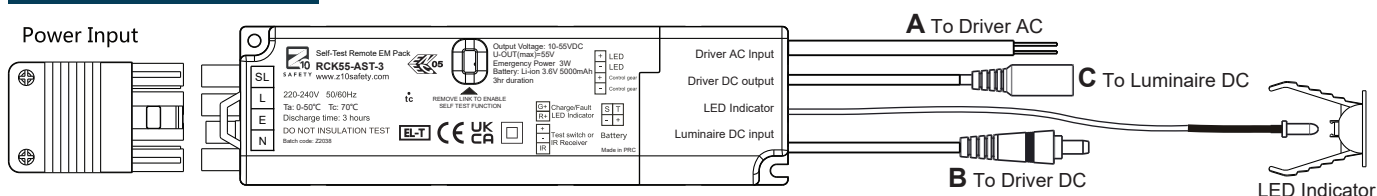
1. functional test is carried out automatically once a week and runs for 30seconds;
2. full duration test is carried out automatically every 52 weeks;
3. First full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage.

EMERGENCY LED LIGHT CODING

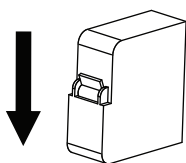
GREEN LED		RED LED		STATUS
ON		OFF		OK
1 Hz FLASH		OFF		Charging
OFF		ON		Battery disconnected / Duration test fault
2 Hz FLASH		OFF		Function / Duration test in progress
OFF		2 Hz FLASH		Battery Temperature fault
OFF		1 Hz FLASH		Light source fault

-  Slow flash= 0.5 Hz (about half/second)
-  Normal flash=1 Hz (about once/second)
-  Fast flash=2 Hz (about twice/second)

INSTALLATION GUIDE

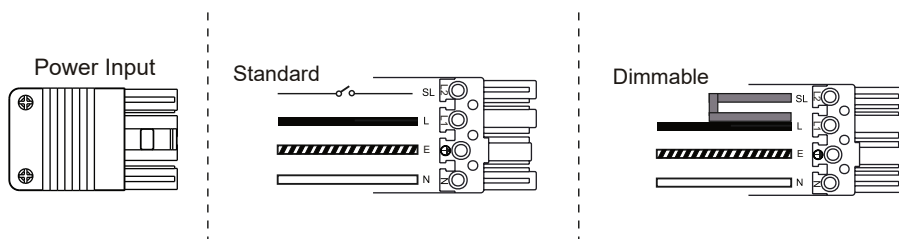


STEP 1 Switch Mains Supply OFF

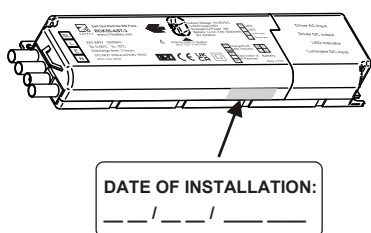


Ensure that the mains supply is switched off before installing, maintaining or servicing the emergency luminaire.

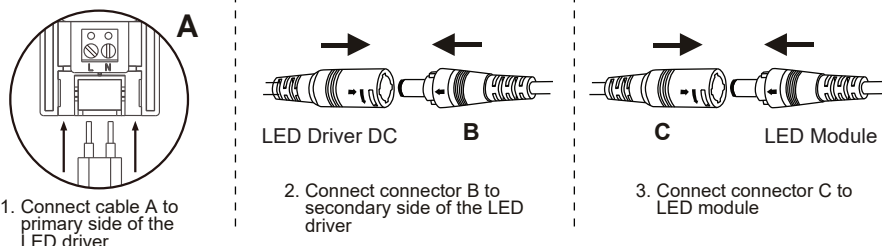
STEP 2 Mains Voltage Wiring Connections



STEP 3 Write installation date

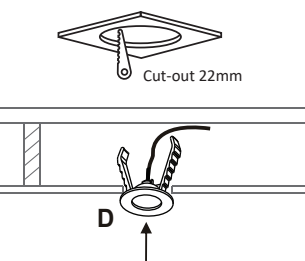


STEP 4 Connections

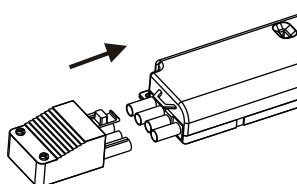


*Note: if plug&play connectors provided are not suitable please disconnect battery before replacing the connectors. Then reconnect again.

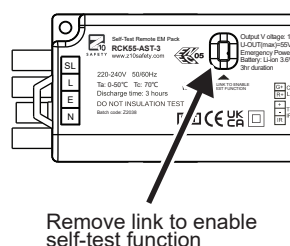
STEP 5 LED Indicator



STEP 6 Plug Power Input connector



STEP 7 Self Test function



STEP 8 Switch mains supply ON

