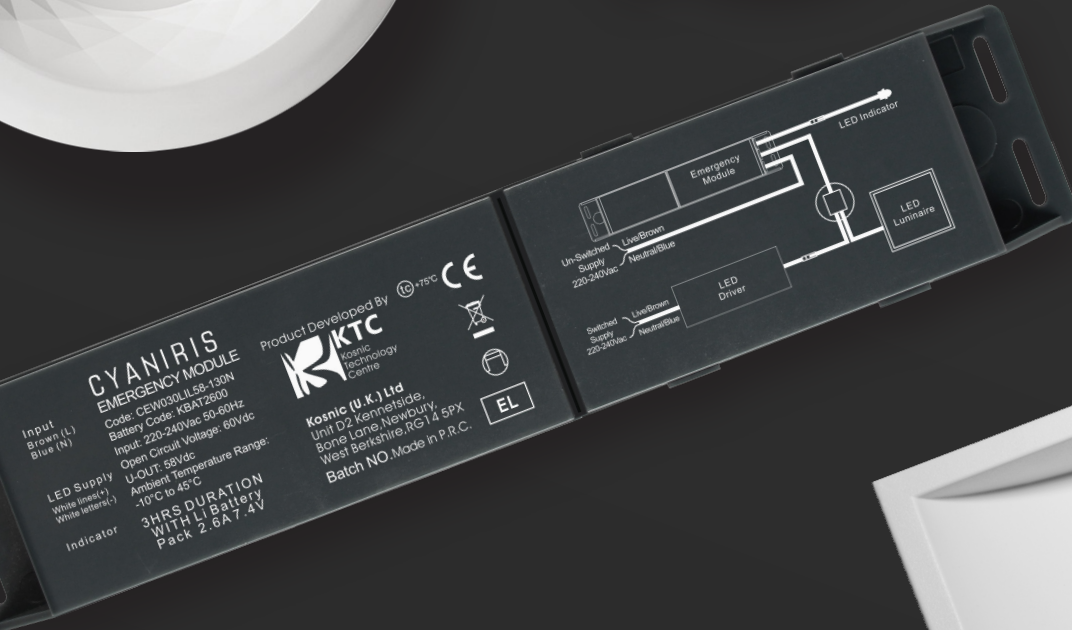
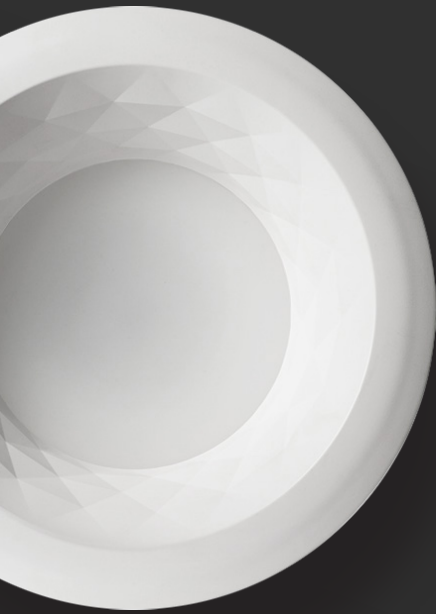


# Universal Emergency Module

For LED Luminaires with External Drivers



# Information

Kosnic's Universal Emergency Module (UEM) is suitable for ALL LED luminaires (Class III) with a separate external LED driver, regardless of their manufacturer. Both innovative and unique, it's the ONLY universal emergency module of its kind that uses Adaptive Current Control (ACC) - developed at the Kosnic Technology Centre (KTC).

With ACC, the UEM's built-in LED driver finds the forward voltage of the LED module and automatically adjusts the output current to provide a predefined "constant wattage", around 3W. This ensures the discharge time remains constant regardless of the choice of LED luminaire, delivering the required 3 hours of light when operated in emergency mode as stated by BS 5266. This product has a granted patent (Instant Emergency Conversion, GB 2 503 708) and pending patent on the ACC technology.

**4 Years**  
Standard Warranty

**7 Years**  
Extended Warranty  
Exclude Batteries

**Patented**  
GB 2 503 708

## Included



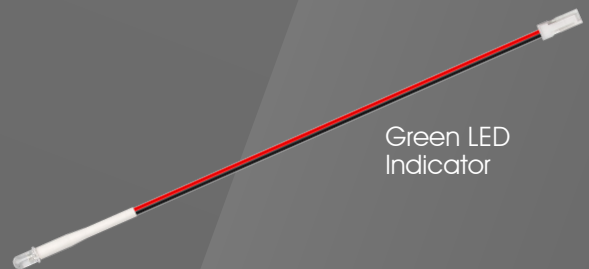
Universal  
Emergency  
Module



Connection  
Lead



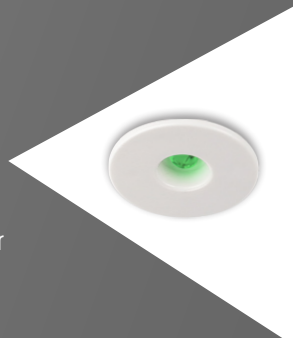
Three-way  
Connector



Green LED  
Indicator



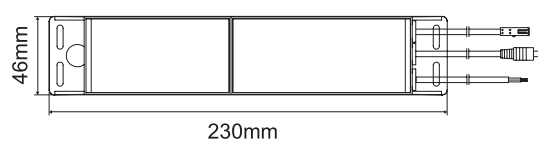
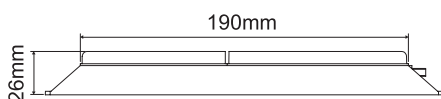
Recessed Holder  
for LED Indicator



# Specifications

## Features

- Compatible with LED luminaires with separate DC LED drivers.
- For maintained or non-maintained emergency lighting systems.
- Conforms to EN 61347-1 and EN 61347-2-7.
- Suitable for use in luminaires for high-risk task area lighting.
- Voltage change-over threshold according to EN 60598-2-22.
- 3 hours rated duration.
- Internal Li-ion battery for improved lifespan allowing frequent partial discharge without capacity reduction.
- Over-charge, over-current, short-circuit and deep discharge protection for battery.
- Green charging status LED.



Output Wattage	2.3-3.3W
Output Current	50-130mA
Output Voltage	9-58Vdc
Input Voltage	220-240Vac
	50-60Hz
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Battery	Samsung Li-ion KBAT2600

Battery Capacity	2600mAh
Discharge Current (Max)	600-700mA
Charging Time	12h
Battery Life	4 Years
Protection	IP20, Class II
	Independent Driver
Test Function	Manual
Order Code	CEW030LIL58-130N

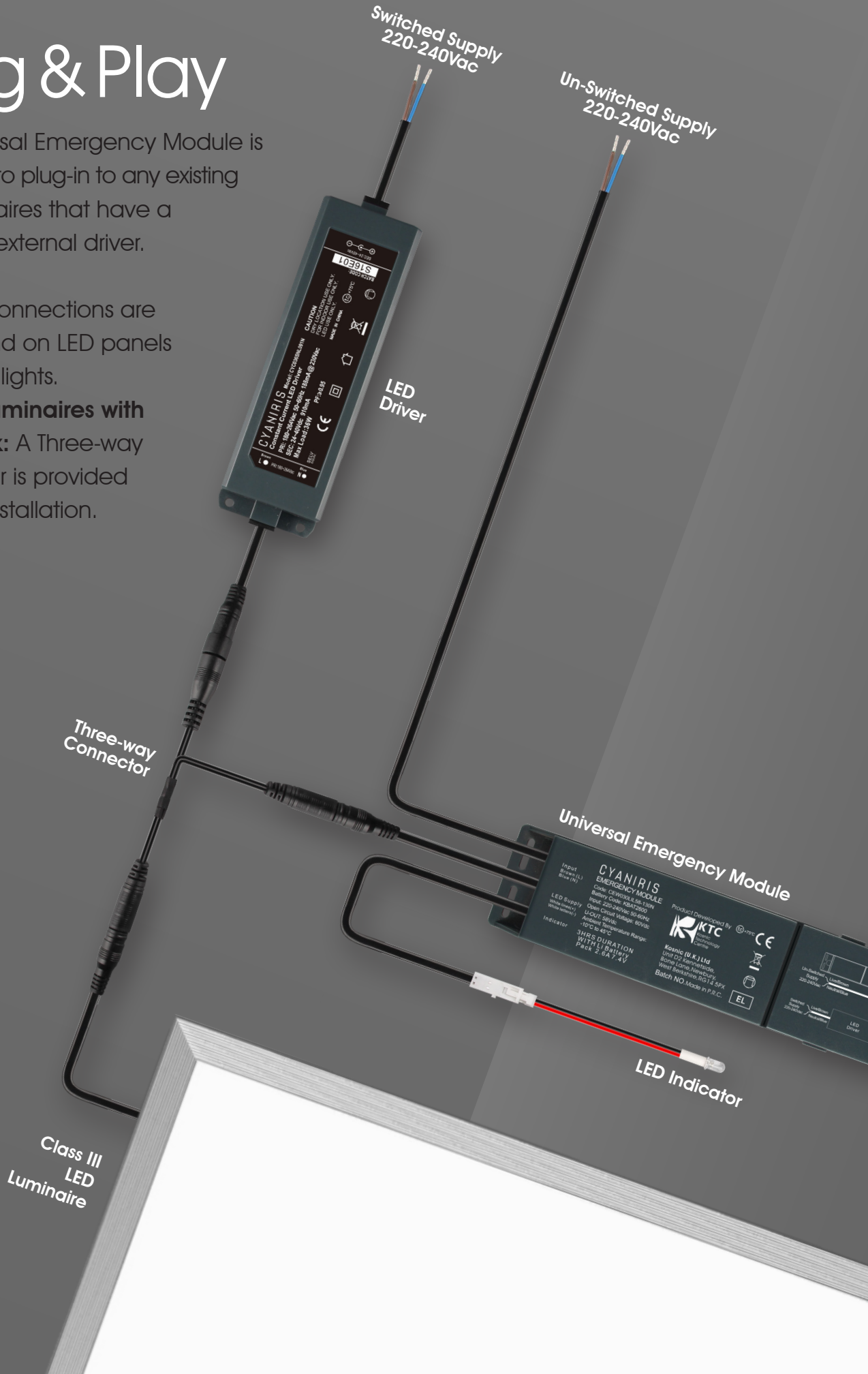
# Installation

## Plug & Play

Our Universal Emergency Module is designed to plug-in to any existing LED luminaires that have a separate external driver.

DC jack connections are often found on LED panels and downlights.

**For LED Luminaires with a DC jack:** A Three-way Connector is provided for easy installation.

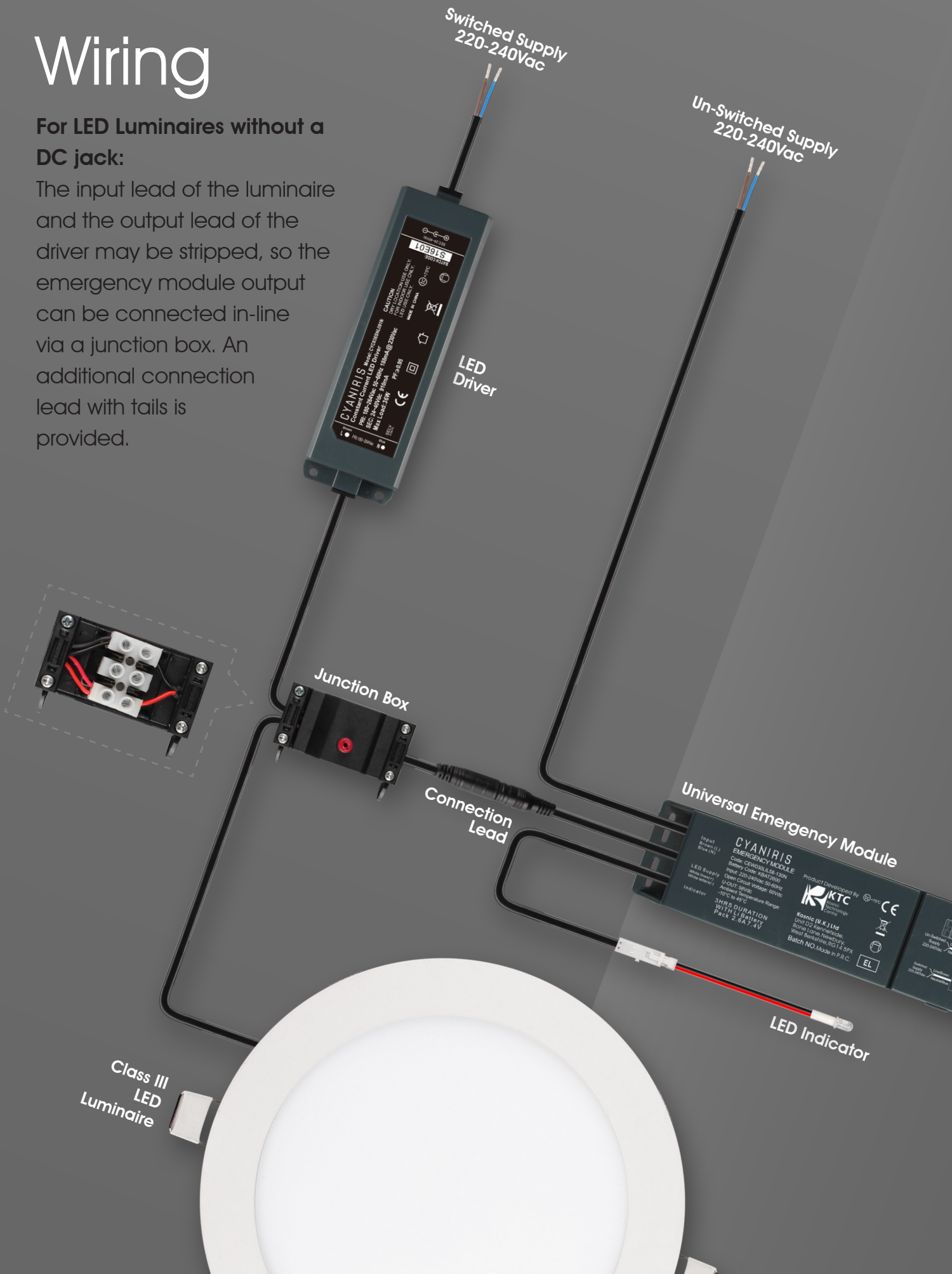


# Installation

## Wiring

### For LED Luminaires without a DC jack:

The input lead of the luminaire and the output lead of the driver may be stripped, so the emergency module output can be connected in-line via a junction box. An additional connection lead with tails is provided.



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ACCREDITED  
SUPPLIER

**RELUXX**  
official member