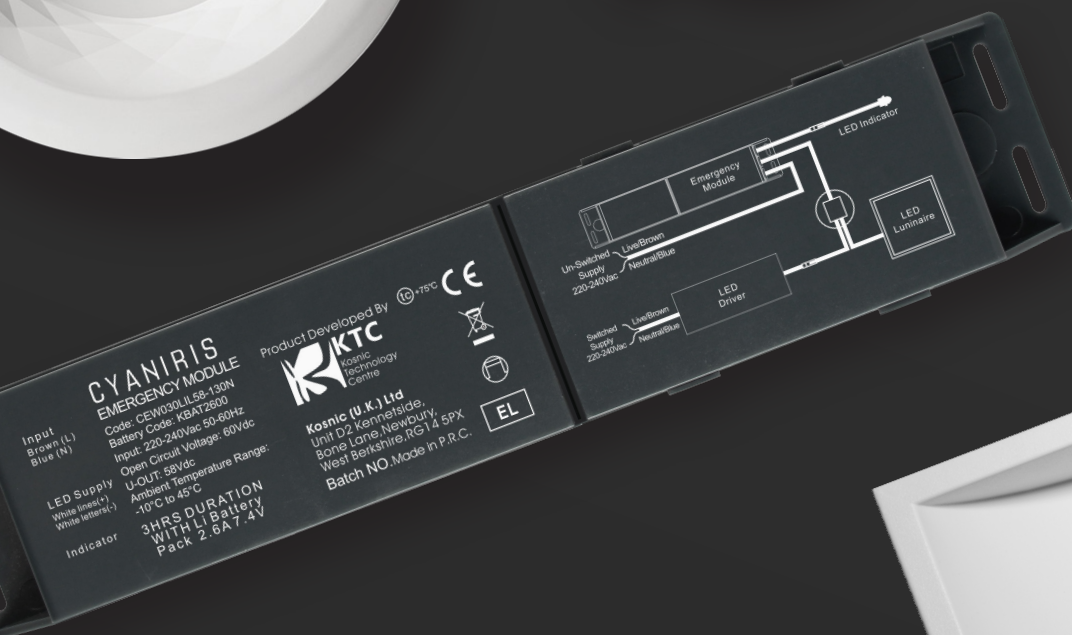
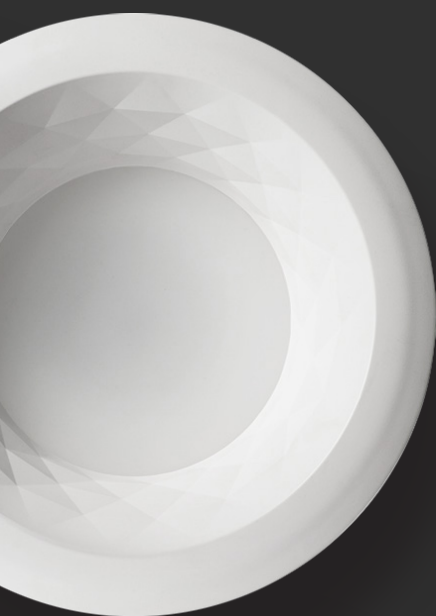


Universal Emergency Module

For LED Luminaires with External Drivers

Kosnic 



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



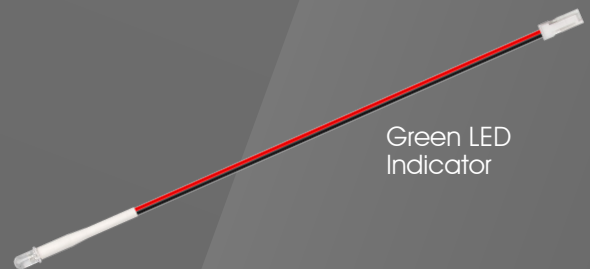
Universal
Emergency
Module



Connection
Lead



Three-way
Connector



Green LED
Indicator



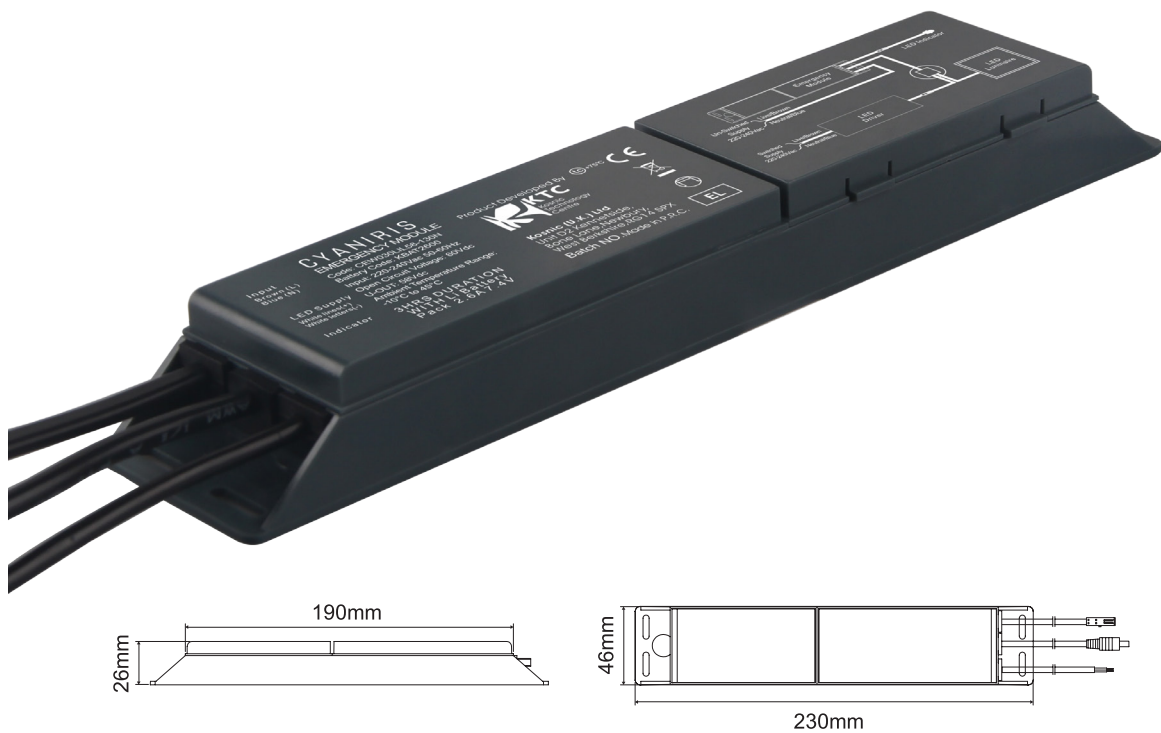
Recessed Holder
for LED Indicator



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 |

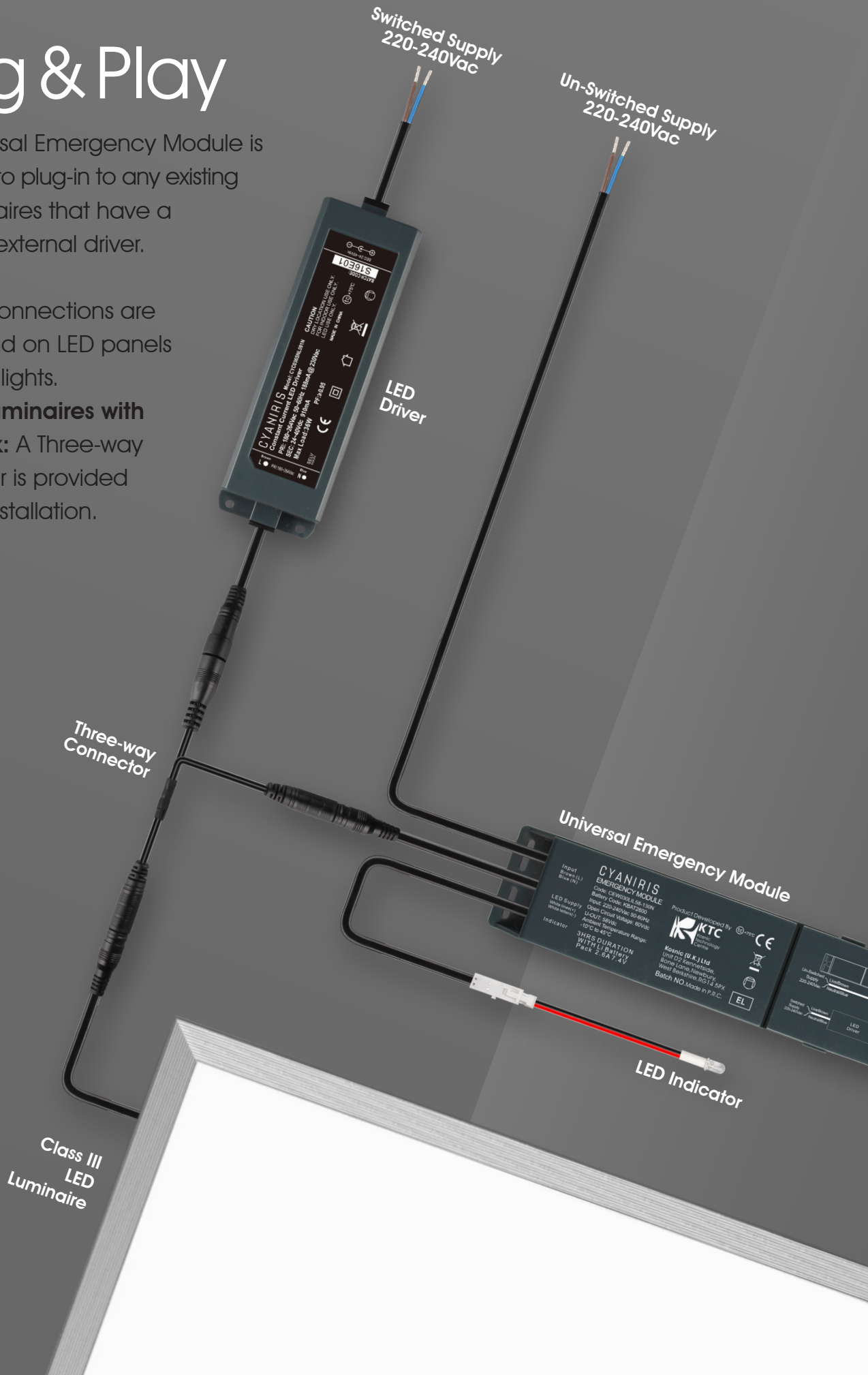
Installation

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.

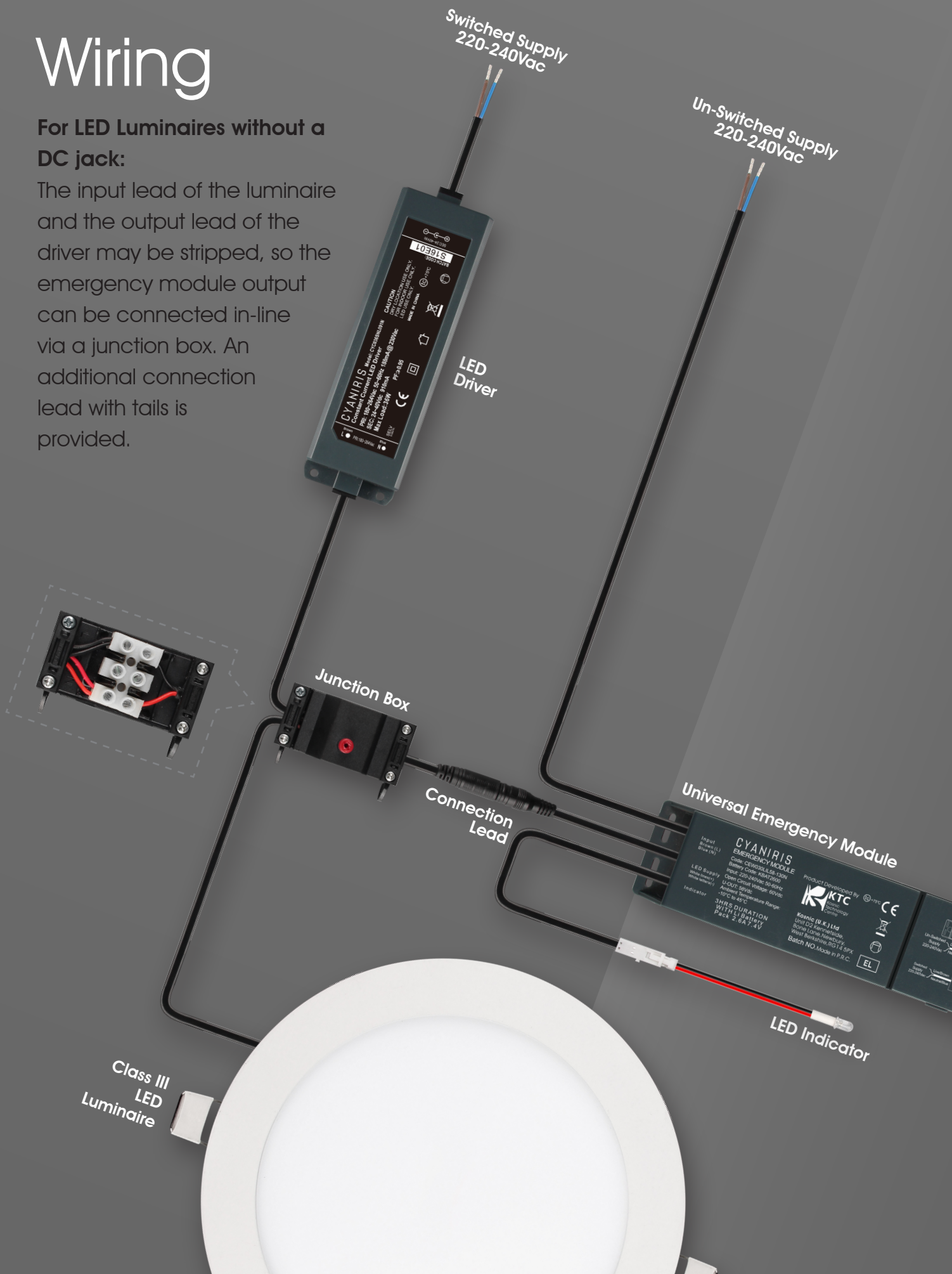


Installation

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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