

# LED WIRING GUIDE

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LED PRODUCTS & DRIVERS  
CONNECTORS

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# LED PRODUCTS AND DRIVERS

A driver reduces the voltage supplied to the LED and "drives" either a constant voltage or a constant current to the LED.

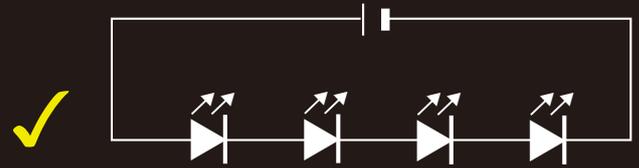
It is very important that LED products which do not have a built-in driver must be connected to an LED driver, not directly to the mains. Connecting LEDs directly to mains will cause irreparable damage to the product.

It is very important that the power is disconnected until installation of the LED products is completely finished. Any connections made with the power on will cause irreparable damage to the product.

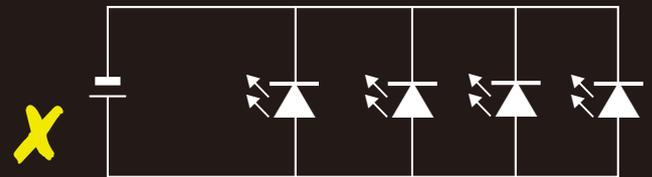
Some, but not all, of our drivers are IP65 rated. The installer must therefore ensure that, if required IP integrity is maintained, either by positioning the driver indoors or using waterproof boxes.

## ALL CONSTANT CURRENT DRIVEN LED PRODUCTS MUST BE WIRED IN SERIES

### SERIES WIRING DIAGRAM

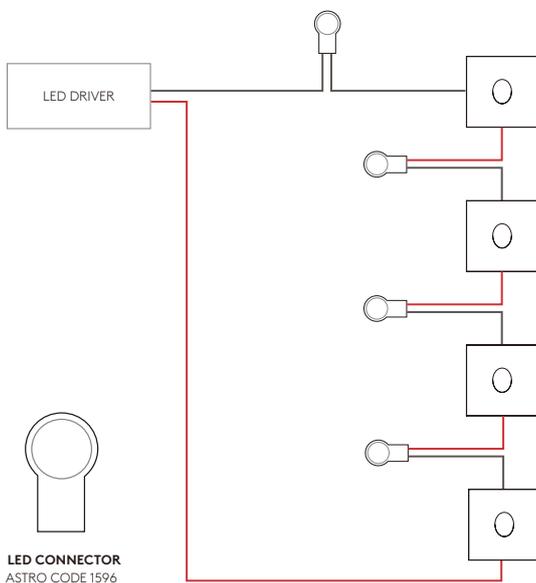


### PARALLEL WIRING DIAGRAM



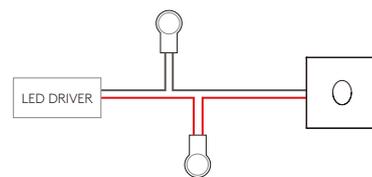
## CONNECTORS

Below is the diagram we use on our instructions showing a series circuit including the connectors that we sell. These connectors are specifically for LED circuits and are gel filled to provide moisture resistance when used outside.



## SINGLE PRODUCT CONNECTED TO AN LED DRIVER:

LED DRIVER - LED CONNECTOR - LED PRODUCT



## MULTIPLE LED PRODUCTS CONNECTED TO ONE DRIVER:

