

Precautions

Installation Notes

- ▶ Install in accordance with all local wiring regulations and building regulations.
- ▶ This product must be installed and serviced by a qualified professional.

Electrical

- ▶ Switch the power off at the mains supply before installing or maintaining this fitting.
- ▶ Ensure others cannot restore the electrical power supply without your knowledge.
- ▶ Only install compatible constant voltage LED fixtures and controls. 12V products should be used with a 12V driver and 24V products should be used with a 24V driver. Contact technical support or visit the product page for compatible products.
- ▶ Ensure that the power capacity of the LED driver is greater than the total load of all the connected products.
- ▶ Do not overload the power supply.
- ▶ The maximum length of output cable to the light source should not exceed 2 metres.
- ▶ Use only with an approved Syndeo mains lead.
- ▶ Do not install if the product has visible damage.
- ▶ Do not modify or disassemble the product beyond instructions or the warranty will be void.
- ▶ Do not overload the output port.

Mechanical

- ▶ The driver will generate heat during use. It should be installed in a well ventilated location free from explosive gases and vapours and mounted to a surface that will dissipate this heat i.e. metal, not wood or plastic.
- ▶ The driver should be fixed to a surface using fixing points or with adhesive tape supplied.
- ▶ Protect the driver from mechanical damage. Take care not to dislodge any components during installation. Ensure that cables connected to the driver cannot be pulled and are secured to provide strain relief.
- ▶ Do not over tighten screws when mounting the driver.

Environmental

- ▶ The product should only be used in an environment with an ambient temperature between +5°C to +40°C.
- ▶ The temperature of the LED driver should never exceed 60°C when in operation.
- ▶ IP20 drivers are not waterproof and can only be installed indoors and with humidity of no more than 55%.
- ▶ Keep away from moisture and only use in dry locations.
- ▶ Install in a location without chemicals like sulphur, acid and halogen present.
- ▶ Avoid direct exposure to sunlight and protect cables from UV rays.
- ▶ Do not dispose of with household waste.

Product Warranty

1. A warranty period is provided for products in normal use. For any faults arising during the period that are confirmed to be quality related by inspection by the company, a product of the same specification will be replaced for free.
2. The warranty does not cover any of the following:
 - (1) Any product damage due to usage not allowed in the instructions.
 - (2) Any product damage due to disassembling or wrong operation by the user.
 - (3) Severe appearance damage or deformation of the product.


IMPORTANT

- ▶ Please read prior to installation.
- ▶ Please read these instructions carefully before commencing any work.
- ▶ Please retain these instructions for future reference.
- ▶ Only compatible with Syndeo products.

Plug & Play 24V


▶ Power Supplies & Modules

User Manual



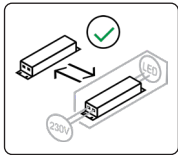







WARNING

Shock hazard. May result in serious injury or death. Isolate supply before installation. Complete electrical safety checks before commissioning. Inspect regularly in accordance with local regulations



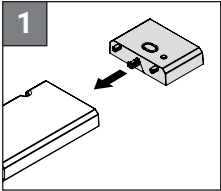
WARNING

Risk of fire. Ensure correct cable sizing, over-current protection, ventilation and keep away from combustible materials.



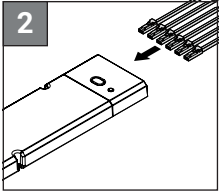
Connecting

1



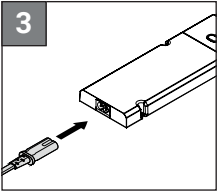
Connect module to driver.

2



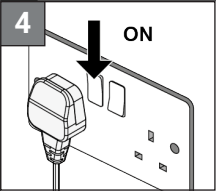
Connect LED lights into the ports on the module.

3



Connect power cable to driver.

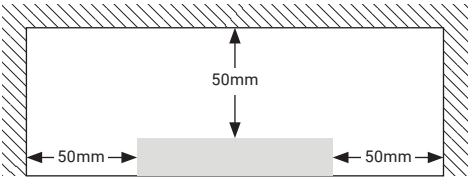
4



Plug into socket and turn on power.

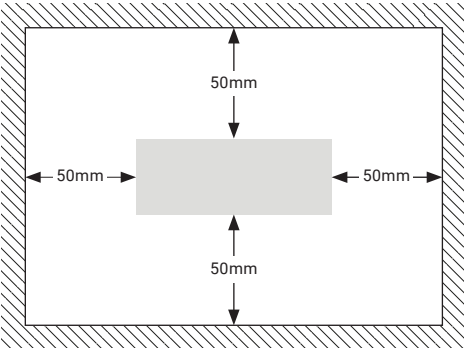
Mounting

Plan View

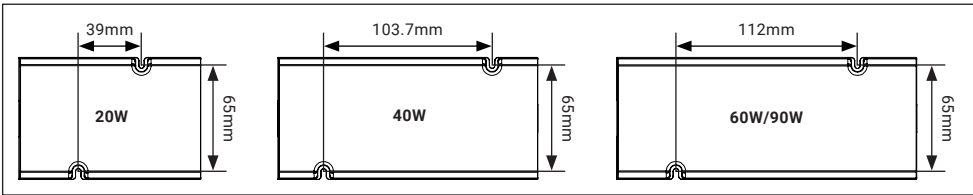


The driver will generate heat during use. It should be installed in a well ventilated location free from explosive gases and vapours and mounted to a surface that will dissipate this heat e.g. metal, not wood or plastic.

Top View



Fixing Centres



Wattage Guide

Strip Light Wattage	3M Length	Recommended Driver	5M Length	Recommended Driver
9.6W per metre	31.7W	40W	52.8W	60W
14.4W per metre	47.5W	60W	79.2W	90W

To find out the correct wattage driver needed, take the wattage per metre and times it by the number of metres being used. Take this figure and add on 10% to find the maximum wattage. Round this figure up to the nearest driver wattage.

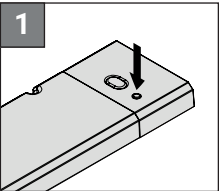
Example: 9.6W per metre x 5 metres = 48W ▶ 48W + 10% = 52.8W ▶ 52.8W rounded to the nearest driver = 60W

WARNING: Do not overload the output port. Max. 5A total (Each output Max. 3A)

Pairing Sensors

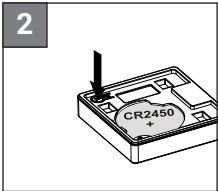
One Sensor - Control All Lights

1



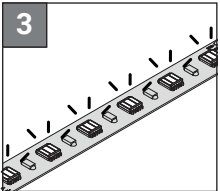
Press the "MODE" button once.

2



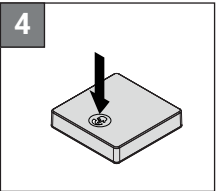
Within 20 seconds, quick press the "RESET" button on the back of the sensor.

3



The LED lights will flash 3 times to indicate successful pairing.

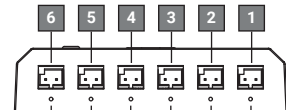
4



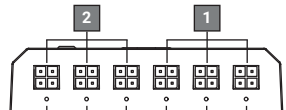
Now control the LED lights with the paired sensor.

Multiple Sensors (Same Type) - Control Individual Lights

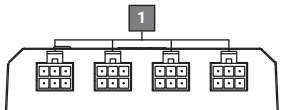
Pressing the "MODE" button more than once allows you to select individual ports on the module. This means you can pair sensors to specific ports to control lights individually or in groups. The selected port is shown with an indicator light. The number of sensors you can pair to a module is shown in the table below.



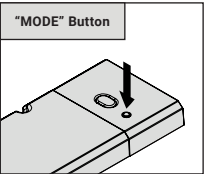
Single Colour Module



CCT Module



RGB+CCT Module

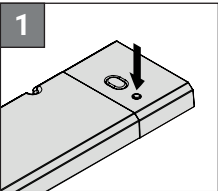


		Select Port (Press "MODE")						
Module	Ports	Sensors (Max.)	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6
Single Colour	6	6	2 times	3 times	4 times	5 times	6 times	7 times
CCT	6	2	2 times	2 times	2 times	3 times	3 times	3 times
RGB+CCT	4	1	-	-	-	-	-	-

Unpairing Sensors

Unpair All Sensors

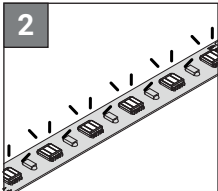
1



On the module, press and hold the "MODE" button for 5 seconds.

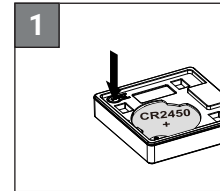
Unpair Individual Sensors

2



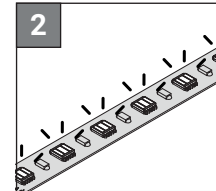
The LED lights will flash 3 times to indicate successful un-pairing.

1



On the sensor, press and hold the "RESET" button for 5 seconds.

2



The LED lights will flash 3 times to indicate successful un-pairing.