

Precautions

Installation Notes

- ▶ Install in accordance with the IEE wiring regulations and building regulations.
- ▶ This product must be installed by a suitably competent person.

IMPORTANT

- ▶ Please read these instructions carefully before commencing any work.
- ▶ Please retain these instructions for future reference.
- ▶ Please refer to product listing for detailed information.

Electrical

- ▶ Switch the power off at the mains supply before installing or maintaining the unit.
- ▶ 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.
- ▶ Connect products with correct polarity. The positive cable (+) should be connected to the positive terminal on the driver. The negative cable (-) should be connected to the negative terminal on the driver.
- ▶ Ensure that the power capacity of the LED driver is greater than the total load of all the connected products.
- ▶ Ensure appropriate cables are installed between driver, fixtures, and any controllers. When choosing cable, factor in voltage drop, current rating and type. Inadequate cables could overheat and cause a fire.
- ▶ The maximum length of output cable to the light source should not exceed 2 metres to meet EMC standard.
- ▶ Do not install if the product has visible damage.
- ▶ Do not open, modify, or repair the unit. No user-serviceable parts inside.
- ▶ This is a Class I product: earth connection is required.
- ▶ Ensure input voltage matches rating on device label.
- ▶ Maintain a clearance of 50mm around the unit.
- ▶ Connect AC mains to input terminals (L/N/Ⓢ). Earth connection is required.
- ▶ Do not short-circuit the output.

Mechanical

- ▶ The unit will generate heat during use. Do not cover with insulation or place near flammable materials.
- ▶ Secure unit to a solid surface using fixing points with adequate ventilation.
- ▶ 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.

Environmental

- ▶ IP66 and IP67 drivers are suitable for indoor and outdoor installation.
- ▶ Install in a location without chemicals like sulphur, acid and halogen present.
- ▶ Avoid direct exposure to sunlight and protect cables from UV rays with suitable silicone sheath.

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.

CLASS I



Non-Dimmable LED Drivers

▶ 12V & 24V Constant Voltage

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



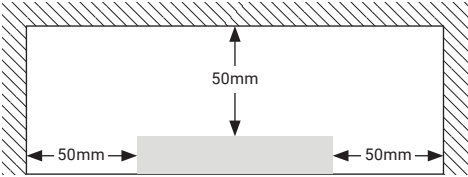
WARNING
Risk of fire. Ensure correct cable sizing, over-current protection, ventilation and keep away from combustible materials.

SKU	INPUT		OUTPUT			PF	Eff.	Ta (Max)	Tc (Max)	IP
	Voltage	Current	Voltage	Current	Power					
TAG24V150WIP67	200-240V AC	1.0A	24V DC	0-6.25A	0-150W	0.9	90%	60°C	90°C	67
TAG12V100WIP67B	200-240V AC	0.64A	12V DC	0-8.33A	0-100W	0.7	92%	60°C	90°C	67
TAG12V150WIP67	200-240V AC	1.0A	24V DC	0-12.5A	0-150W	0.98	92%	60°C	90°C	67
TAG24V50WIP67	220-240V AC	0.35A	24V DC	0-2.08A	0-50W	0.97	87%	50°C	85°C	67
TAG24V100WIP67B	220-240V AC	0.64A	24V DC	0-4.17A	0-100W	0.97	92%	60°C	90°C	67
TAG24V150WIP67B	220-240V AC	1.0A	24V DC	0-6.25A	0-150W	0.98	93%	60°C	90°C	67
TAG24V200WIP67	200-240V AC	1.0A	24V DC	0-8.33A	0-200W	0.98	93%	60°C	90°C	67
TAG24V320WIP67B	200-240V AC	2.0A	24V DC	0-13.4A	0-320W	0.9	90%	60°C	90°C	67
TAG24V240WIP67	220-240V AC	1.2A	24V DC	0-10.0A	0-240W	0.98	92%	50°C	90°C	67
TAGTHIN12V60WIP67	100-240V AC	0.5A	12V DC	0-5.0A	0-60W	0.9	86%	60°C	85°C	67
TAGTHIN12V100WIP67	100-240V AC	1.3A	12V DC	0-8.33A	0-100W	0.9	92%	55°C	90°C	67
TAGTHIN24V60WIP67	100-240V AC	0.5A	24V DC	0-2.5A	0-60W	0.9	88%	60°C	85°C	67
TAGTHIN24V100WIP67	100-240V AC	1.3A	24V DC	0-4.17A	0-100W	0.9	92%	55°C	90°C	67



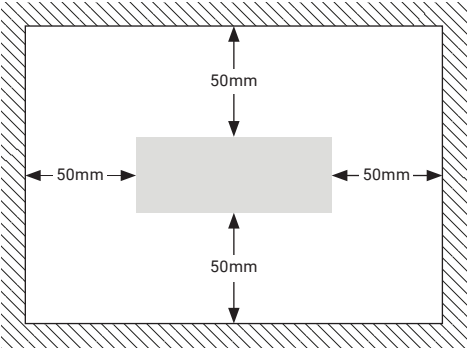
Mounting Location

Plan View

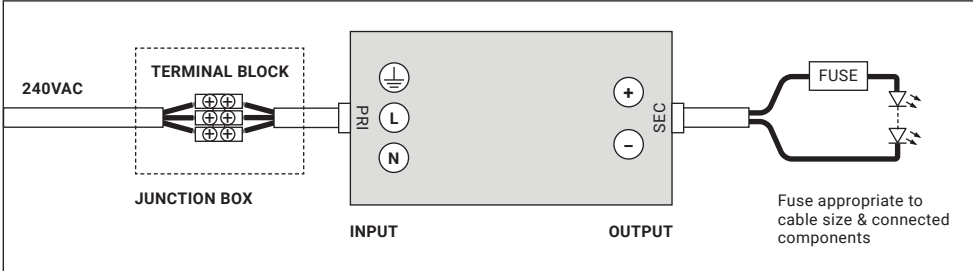


WARNING:
The unit will generate heat during use. Do not cover with insulation or place near flammable materials.

Top View



Wiring Diagram



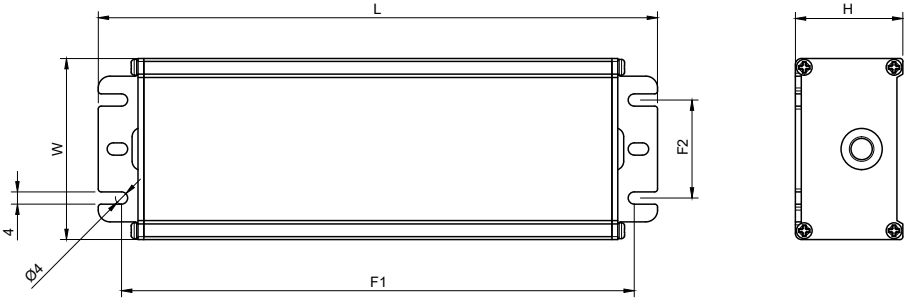
Applies to SKU Codes:				
TAG12V50WIP67	TAG24V50WIP67	TAG24V200WIP67	TAGTHIN24V200WIP66	TAGTHIN24V30WIP67
TAG12V100WIP67B	TAG24V100WIP67B	TAG24V240WIP67	TAGTHIN12V60WIP67	TAGTHIN24V60WIP67
TAG12V150WIP67	TAG24V150WIP67B	TAG24V320WIP67B	TAGTHIN12V100WIP67	TAGTHIN24V100WIP67

Cable Colours				
YELLOW/GREEN	BROWN	BLUE	RED or WHITE	BLACK

Installation

Refer to the "Electrical" section listed in the precautions.
Ensure all components compatible. Configure and pre-test system prior to permanent installation.

1. Use a terminal block and junction box for connections.
2. Connect AC mains to input (PRI) terminals. Earth connection is required. Check voltage and polarity.
3. Connect LED system on the output (SEC) terminals. Check voltage and polarity.
4. Do not cover with insulation or place near flammable materials.
5. Secure unit to a solid surface using fixing points with adequate ventilation.
6. Maintain a clearance of 50mm around the unit.
7. Check cable strain relief.
8. Complete electrical safety checks.



SKU	Length	Width	Height	Mounting Points (F1 x F2)
TAG24V150WIP67	190mm	61.5mm	36.5mm	174.2mm x 33.3mm
TAG12V100WIP67B	172.6mm	62.5mm	38mm	156.8mm x 33.3mm
TAG12V150WIP67	193.6mm	62.5mm	38mm	177.8mm x 33.3mm
TAG24V50WIP67	157mm	52.9mm	36.5mm	141mm x 24.7mm
TAG24V100WIP67B	172.6mm	62.5mm	38mm	156.8mm x 33.3mm
TAG24V150WIP67B	193.6mm	62.5mm	38mm	177.8mm x 33.3mm
TAG24V200WIP67	220.6mm	62.5mm	38mm	204.5mm x 33.3mm
TAG24V320WIP67B	261mm	62.5mm	41.4mm	245.2mm x 33.3mm
TAG24V240WIP67	220.6mm	61.5mm	41.3mm	204.8mm x 33.3mm
TAGTHIN12V60WIP67	333.6mm	30mm	17.5mm	323.6mm x 10mm
TAGTHIN12V100WIP67	350.6mm	30mm	18.5mm	340.6mm x 10mm
TAGTHIN24V60WIP67	333.6mm	30mm	17.5mm	323.6mm x 10mm
TAGTHIN24V100WIP67	350.6mm	30mm	18.5mm	340.6mm x 10mm
TAGTHIN24V200WIP66	315.1mm	30mm	20mm	303.4mm x 22.2mm