IMPORTANT INFORMATION

- Please read these instructions carefully before installation or operation.
- Retain this manual for future reference.
- Please refer to product listing for detailed information.
- This product must be installed by a suitably competent person.
- This product should be installed in accordance with local IEE wiring regulations and building regulations.
- Remove product from packaging.
- Ensure mains supply is disconnected before installation.
- Ensure others cannot restore the electrical power supply without your knowledge.
- Do not open, modify, or repair the unit. No user-serviceable parts inside.

SAFETY PRECAUTIONS

- Please read these instructions carefully before installation or operation.
- This product must be installed by a suitably competent person.
- Ensure mains supply is disconnected before installation.
- Ensure others cannot restore the electrical power supply without your knowledge.
- Do not install or use the product if it is damaged.
- For indoor and outdoor use.
- Allow adequate ventilation.

ELECTRICAL

- Switch the power off at the mains supply before installing or maintainance.
- 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.
- Ensure that the power capacity of the power supply is greater than the total load of all the connected products.
- The maximum length of output cable to the light source should not exceed 2 metres to meet EMC standard.
- Do not overload the power supply.
- When choosing cable, factor in voltage drop, current rating and type. Inadequate cables could overheat and cause a fire.
- Do not install if the product has visible damage.
- Do not modify or disassemble the product beyond instructions or the warranty will be void.
- This is a Class I product: earth connection is required.
- Ensure input voltage matches rating on device label.
- 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.
- Do not over tighten screws when mounting the driver.

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.

MAINTENANCE

- Before cleaning or maintenance, ensure the power supply is disconnected from the mains.
- Clean only with a dry, soft cloth.
- Do not use chemical cleaners or solvents.
- Do not open, modify, or repair the unit. No user-serviceable parts inside.

CLASS I

tagra®

Non-Dimmable IP67 LED Drivers

User Manual

WARNING
Shock hazard. May result in serious injury or death. Isolate supply before installation. Complete electrical safety checks before comissioning. 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.

	INPUT		OUTPUT							
SKU	Voltage	Current	Voltage	Current	Power	PF	Eff.	Ta (Max)	Tc (Max)	IP
TAG24V50WIP67	220-240V AC	0.35A	24V DC	2.08A	50W	0.97	87%	70°C	85°C	67
TAG24V96WIP67C	220-277V AC	0.48A	24V DC	4.17A	96W	0.97	94%	70°C	85°C	67
TAG48V96WIP67	220-277V AC	0.48A	48V DC	2.08A	96W	0.97	94%	70°C	85°C	67
TAG24V150WIP67C	220-277V AC	0.72A	24V DC	6.25A	150W	0.98	93.5%	70°C	90°C	67
TAG48V150WIP67	220-277V AC	0.72A	48V DC	3.125A	150W	0.98	93.5%	70°C	90°C	67
TAG24V200WIP67C	220-277V AC	1.0A	24V DC	8.33A	200W	0.98	94%	60°C	90°C	67
TAG48V200WIP67	220-277V AC	1.0A	48V DC	4.16A	200W	0.98	93%	60°C	90°C	67
TAG24V240WIP67C	220-277V AC	1.2A	24V DC	10.0A	240W	0.98	94%	60°C	90°C	67
TAG48V240WIP67	220-277V AC	1.2A	48V DC	5.0A	240W	0.98	93%	60°C	90°C	67
TAG24V320WIP67C	220-277V AC	1.7A	24V DC	13.3A	320W	0.98	94.5%	60°C	85°C	67
TAG48V320WIP67	220-277V AC	1.7A	48V DC	6.67A	320W	0.98	95%	60°C	85°C	67
TAGTHIN12V60WIP67	100-240V AC	0.5A	12V DC	5.0A	60W	0.9	86%	60°C	85°C	67
TAGTHIN12V100WIP67	100-240V AC	1.3A	12V DC	8.33A	100W	0.9	92%	55°C	90°C	67
TAGTHIN24V60WIP67	100-240V AC	0.5A	24V DC	2.5A	60W	0.9	88%	60°C	90°C	67
TAGTHIN24V100WIP67	100-240V AC	1.3A	24V DC	4.17A	100W	0.9	92%	55°C	90°C	67

SELV

v1

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DISPOSAL & RECYCLING

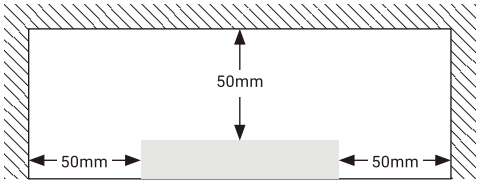
- This product must not be disposed of with household waste.
- Please return to an authorised recycling facility in accordance with local environmental regulations.

PRODUCT WARRANTY

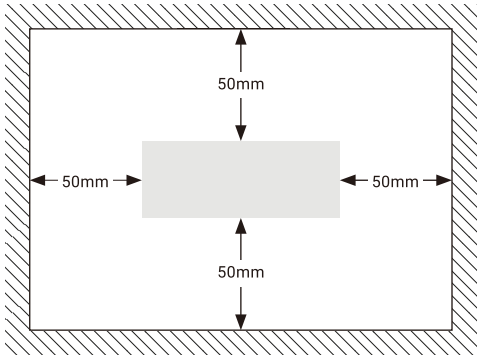
1. A warranty period is provided for products in normal use. For any faults arising during the period that are confirmed to be quality related by inspection by the company, a product of the same specification will be replaced for free.
2. The warranty does not cover any of the following:
   1. Any product 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.

CLEARANCE

Plan View



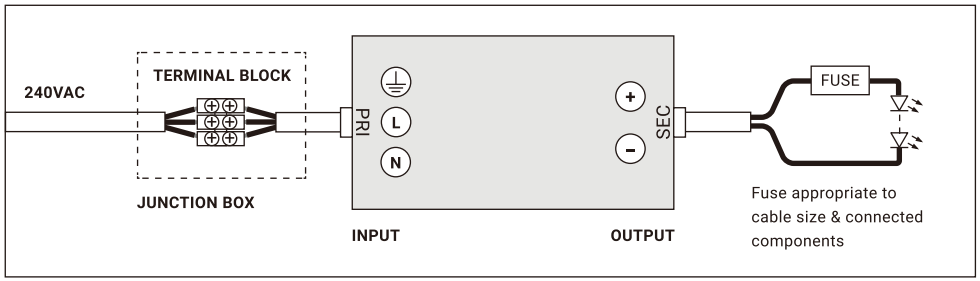
Top View



WARNING:

- The unit will generate heat during use.
- Do not cover with insulation or place near flammable materials.
- Increase the space if the adjacent device is a heat source.

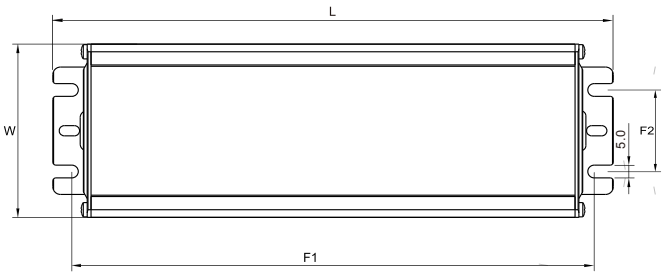
WIRING DIAGRAM



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)
TAG24V50WIP67	157 mm	52.9 mm	36.5 mm	141mm x 24.7mm
TAG24V96WIP67C	135 mm	68 mm	33.5 mm	120mm x 32 mm
TAG48V96WIP67	135 mm	68 mm	33.5 mm	120mm x 32 mm
TAG24V150WIP67C	155 mm	68 mm	33.5 mm	140mm x 32 mm
TAG48V150WIP67	155 mm	68 mm	33.5 mm	140mm x 32 mm
TAG24V200WIP67C	170 mm	68 mm	33.5 mm	155mm x 32 mm
TAG48V200WIP67	170 mm	68 mm	33.5 mm	155mm x 32 mm
TAG24V240WIP67C	190 mm	68 mm	33.5 mm	175mm x 32 mm
TAG48V240WIP67	190 mm	68 mm	33.5 mm	175mm x 32 mm
TAG24V320WIP67C	220 mm	68 mm	33.5 mm	205mm x 32 mm
TAG48V320WIP67	220 mm	68 mm	33.5 mm	205mm x 32 mm
TAGTHIN12V60WIP67	333.6 mm	30 mm	17.5 mm	323.6mm x 10mm
TAGTHIN12V100WIP67	350.6 mm	30 mm	18.5 mm	340.6mm x 10mm
TAGTHIN24V60WIP67	333.6 mm	30 mm	17.5 mm	323.6mm x 10mm
TAGTHIN24V100WIP67	350.6 mm	30 mm	18.5 mm	340.6mm x 10mm

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