- Cabinet driver with 6 x 24 VDC outputs
- Compatible with Door Switch (single or double), PIR sensor, wave switch Patrician switch & more
- Independently control each 6 outputs with in-line switch
- Collectively control all 6 outputs with master switch
- Overload / Over temp. / Short circuit / Over voltage protection, recover automatically.
- Suitable for internal lights application for I/II/III
- Up to 50000-hour lifetime.

MODEL NUMBER		YG-3000D-24-36 / 60 / 100
INPUT / OUTPUT	Input Voltage	100 ~ 240 VAC 50/60
	Output voltage	24VDC
	Output power	36W 1.5A / 60W 2.5A / 100W 4A

ENVIROMENT	Working Temperature	-40 ~ +60 degree C
	Storage Temperature	-40 ~ +80 degree C
	Temperature Coefficient	+/- 0.03% / deg C (0~50)
	Humidity	20~90% RH, noncondensing
	Vibration	10~500Hz, 2G 12min / 1 Cycle period for 72min along x, y & z

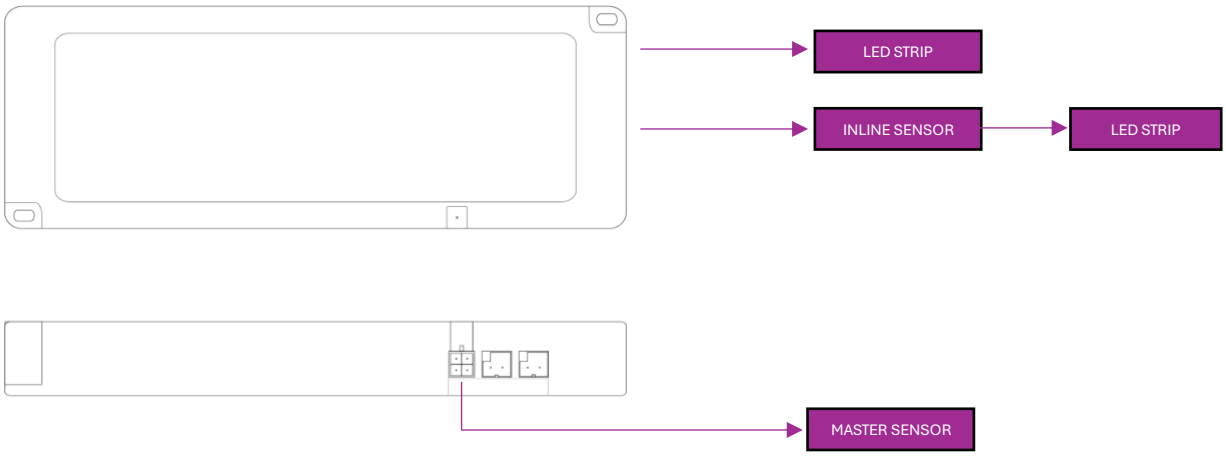
SAFETY & EMC	Withstand voltage	I/P-O/P: 3KVAC IP-FG:1.88KVAC O/P-FG:0.5KVAC
	Isolation resistance	I/P-O/P I/P-FG O/P-FG: 100MΩ/500VDC/25°C/70%RH
	Safety standards	IEC/EN61347-1, IEC/EN61347-2-13
	EMC emission	EN55022, EN55015 Class B

PRODUCT DIMENSIONS :

MODEL	POWER	LENGTH	WIDTH	HEIGHT
YG-3000C-24-36	36W	138mm	55mm	18mm
YG-3000C-24-60	60W	168mm	60mm	20mm
YG-3000C-24-100	100W	196mm	60mm	20mm

WIRING DIAGRAM :

LED strips can be wired directly to any one of the 6 x outputs as a constant supply. Alternately a sensor can be wired in-line to the LED to independently control that specific LED output. The master sensor controls all 6 outputs at once. Sensors include, PIR, hand wave & Door closure to suite a range of applications.



APPLICATIONS :

1. Indoor cabinets, cupboards, shelving, dressing tables & more
2. Custom lighting designs, artistic lighting

WARNING:

1. DO NOT exceed more than 50% of the driver's total wattage on a single output.
2. Only qualified electricians should install this LED driver in accordance with local and national electrical codes
3. If the power supply has visible damaged, please do not install and contact Yellow & Grey LTD immediately
4. This product requires a high voltage input. Risk of electric shock. Turn off all power sources before installation maintenance, or servicing.
5. Risk of fire. Do not install in locations with limited ventilation, or near flammable materials.
6. Ensure all connections are secure. Loose connections can cause overheating, damage, or fire.
7. Install in an environment within the specified operating temperature range (e.g., -10°C to 45°C). Exceeding this range may cause malfunction, reduce lifespan, or create a hazard.
8. Not suitable for installation in wet or damp locations unless rated for such conditions. Ensure the driver is properly enclosed to prevent moisture exposure.
9. Incorrect wiring can cause permanent damage to the driver and LEDs. Follow wiring diagrams precisely
10. Ensure polarity (positive and negative connections) is correct. Reversing connections can damage LEDs or the driver.
11. Do not exceed the maximum load specified on the driver. Overloading can cause overheating, damage, or fire
12. Ensure proper grounding for safety and to prevent electrical shock. This driver must be grounded in accordance with local and national electrical codes.
13. This driver may produce flicker at certain dimming levels. Ensure compatibility with sensitive environments and consult the product specifications for details on flicker characteristics.
14. To avoid potential health effects from flicker, especially in environments with vulnerable individuals, install drivers and LEDs according to IEEE 1789 recommendations where applicable.
15. Turn off power to the driver before servicing, repairing, or inspecting the installation to avoid electric shock.
16. Only use manufacturer-approved replacement parts. Substituting parts can impair safety and void warranties.
17. Periodically inspect connections and the driver housing for damage. If damaged, disconnect power and replace immediately.
18. This driver is designed for use only with compatible LED lights as specified. Using incompatible lights may result in poor performance, overheating, or damage
19. Operating outside the rated voltage range or other specified conditions may void warranty and create safety risks