



PRODUCT SPECIFICATION

LED DRIVERS

1000D & 2000D

DIMMING SERIES



YELLOW AND GREY

The 1000D series is a Premium IP67 LED Driver

- TRIAC/ 0-10V/1-10V/10V PWM/RESISTANCE DIM
- With soft-on and fade in function, visual more comfortable.
- Dimming range: 0~100%, LED start at 1% possible.
- 0-100% flicker-free, High frequency exemption level.
- Highly Efficient driver: efficiency >90%, PF>0.95, THD<10%
- Overload / Over temp. / Short circuit / Over voltage protection, recover automatically.
- Suitable for internal lights application for I/II/III
- Up to 50000-hour lifetime.



Specification

ID	voltage	Power	Current	Efficiency	Dimensions
YG-1000D-12-60	12	60 Watts	5A	91%	186 x 60 x 21 (mm)
YG-1000D-24-60	24	60 Watts	2.5A	92%	186 x 60 x 21 (mm)
YG-1000D-12-100	12	100 Watts	8.3A	91%	268 x 47 x 21 (mm)
YG-1000D-24-100	24	100 Watts	4.17A	92%	268 x 47 x 21 (mm)
YG-1000D-12-200	12	200 Watts	16.7A	91%	275 x 67 x 23 (mm)
YG-1000D-24-200	24	200 Watts	8.3A	92%	275 x 67 x 23 (mm)
YG-1000D-12-300	12	300 Watts	25A	91%	292 x 74 x 24 (mm)
YG-1000D-24-300	24	300 Watts	12.5A	92%	292 x 74 x 24 (mm)

The 2000D series is a Premium IP20 LED Driver

- TRIAC/ 0-10V/1-10V/10V PWM/RESISTANCE DIM
- With soft-on and fade in function, visual more comfortable.
- Dimming range: 0~100%, LED start at 1% possible.
- 0-100% flicker-free, High frequency exemption level.
- Highly Efficient driver: efficiency 89%, PF>0.95, THD<10%
- Overload / Over temp. / Short circuit / Over voltage protection, recover automatically.
- Suitable for internal lights application for I/II/III
- Up to 50000-hour lifetime.



Specification

ID	voltage	Power	Current	Efficiency	Dimensions
YG-2000D-12-60	12	60 Watts	5A	92%	178 x 57 x 22 (mm)
YG-2000D-24-60	24	60 Watts	2.5A	93%	178 x 57 x 22 (mm)
YG-2000D-12-100	12	100 Watts	8.3A	92%	273 x 43 x 23 (mm)
YG-2000D-24-100	24	100 Watts	4.17A	93%	273 x 43 x 23 (mm)
YG-2000D-12-200	12	200 Watts	16.7A	92%	245 x 60 x 24 (mm)
YG-2000D-24-200	24	200 Watts	8.3A	93%	245 x 60 x 24 (mm)
YG-2000D-12-300	12	300 Watts	25A	92%	289 x 66 x 24 (mm)
YG-2000D-24-300	24	300 Watts	12.5A	93%	289 x 66 x 24 (mm)

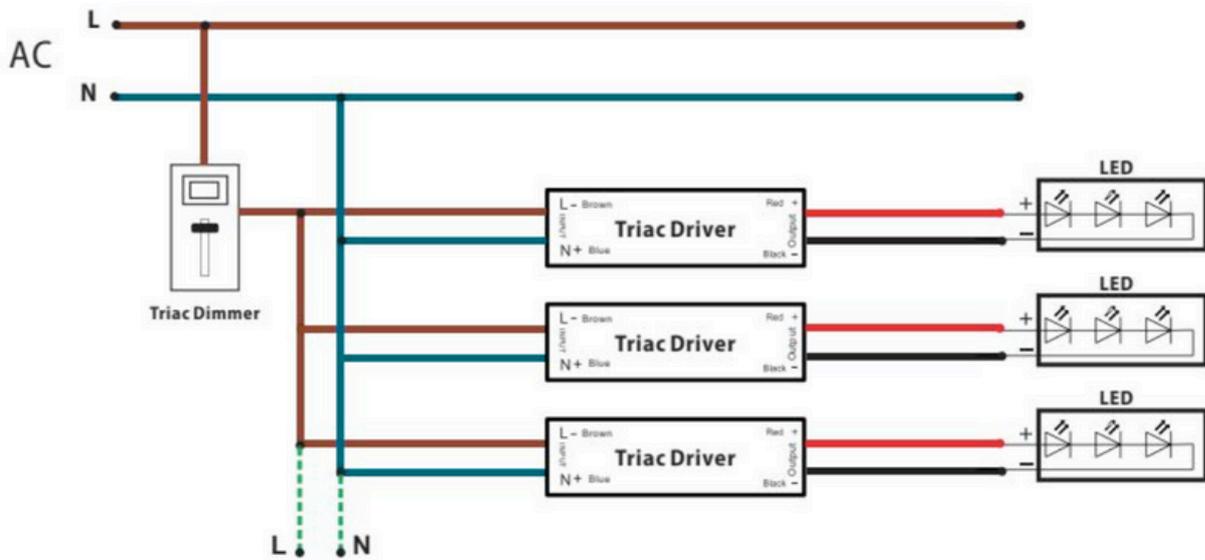
Protection

Overtemperature	Protection type: Shut down o/p voltage, re-power on to recover
Over voltage protection	Shut down the output when non-load voltage $\geq 13v$ (12v), $\geq 26v$ (24v), re-power on to recover after fault condition is removed.
Overload protection	Shut down the output when current load $\geq 110\%$, auto recovers.
Short circuit protection	<ol style="list-style-type: none"> 1. When the first level short-circuit protection is triggered, the fault can be automatically recovered. 2. When the second level short-circuit protection is triggered, the power needs to be turned on again after the fault is eliminated

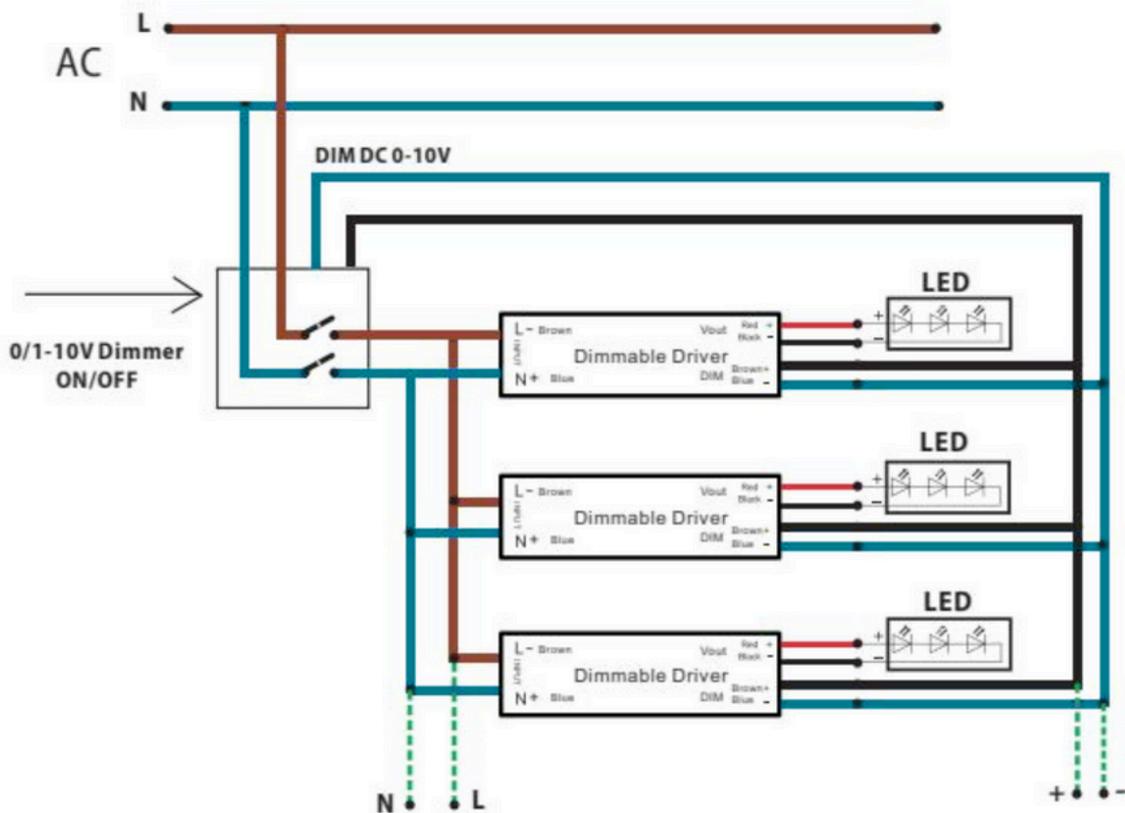
Safety & EMC

Withstand voltage	I/P-O/P: 3750Vac
Isolation resistance	I/P-O/P: 100M Ω /500VDC/25°C/70%RH
Safety standards	IEC/EN61347-1, IEC/EN61347-2-13
EMC emission	EN55015, EN61000-3-2 Class C, IEC61000-3-3
EMC immunity	EN61000-4-2,3,4,5,6,8,11 EN61547

Wiring - TRIAC dimming



Wiring - 0/10, 1/10, PMW & Resistor dimming



BE A TRUSTED LED STRIP MANUFACTURER

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