

General

Product Type Constant Current Driver

Electronics

Input Domain AC 100 ~ 240V AC Input Voltage 10 ~ 28V DC Output Voltage Output Current (mA) max/output 100~400 Power Consumption (W) 10 Power Supply Internal LED Outputs Input Frequency 50Hz, 60Hz Inrush Current 20A @ 230VAC

Lighting

Color Range Single Color

Control

Output Signal PWM-CC
Control DMX
Dimming Range O~100%
Driver Configuration Remote Device Management
Number of Channels 1

Environmental

Operating Temperature -30 ~ +55 °C

Ingress Protection IP20

Safety Standards NEN-EN-IEC 61347-1,
NEN-EN-IEC 61347-2-13,

CE IP20 2 year warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



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LED Intelligent Driver

- Dimming interface: DMX512/RDM
- With the RDM remote device management protocol.
- Supports DMX512 signal bi-directional communication.
- PWM digital dimming, no alter LED color rendering index.
- Dimming range: 0~100%, LED start at 0.1% possible
- Short circuit / Over-temperature / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments



 $0\sim100\%$, LED start at 0.1% possible.

10~500Hz, 2G 12min./1cycle, period

for 72min. each along X, Y, Z axes

tc: 80°C ta: -30°C ~ 55°C

-40 ~ 80°C, 10~95%RH

+0.03%/°C[0-50°C]

20 ~ 95%RH, non-condensing

1-10W 100-400mA 10-45Vdc







CE RoHS ↑ 🖟



Current Accuracy:

Dimming Range: Working Temperature.:

Working Humidity:

Temp. Coefficient:

Vibration:

No Load Output Voltage:

Storage Temp., Humidity:



+3%

≤47Vdc



Main Characteristics

Dimming Interface: DMX/RDM Input Voltage Range: 100-240Vac ±10%

Frequency: 50/60Hz

Input Current: 115Vac≤0.20A, 230Vac≤0.10A

Efficiency: ≥83%

Inrush Current(typ.): Cold start 20A@230Vac

Leakage Current: <0.5mA/230Vac Operating Voltage: 10~45Vdc

Output Power Max. 10W Output Current: 100mΔ

Output Voltage: 10-45V 10-45V Output Power: 1-4.5W 1.5-6.75W 200m∆ 250m∆ 10-45V 10-40V 2-9W 2.5-10W 300mA 350m∆ 10-33V 10-28V 3-9.9W 3.5-9.8W

 $400m\Delta$ 10-25V 4-10W

Attn: Please mark out the current while placing orders.

Protection

Over-heat Protection: Shut down the output when PCB temp. ≥110°C, auto recovers when temp. back to normal.

Over Load Protection: When O/P voltage exceed its range, O/P current declines, auto recovers when the load is reduced

and power on again.

Short Circuit Protection: Shut down automatically if short circuit occurs,

auto recovers after faulty condition is removed.

150m∆

Safety & EMC

Withstand Voltage: I/P-0/P: 3750Vac;

Isolation Resistance: I/P-0/P: 100MΩ/500VDC/25°C/70%RH Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13 EMC Emission: EN61000-3-2 Class C, IEC61000-3-3 EMC Immunity: EN61000-4-2,3,4,5,6,8,11 EN61547

Others

Dimension: 135×30×20mm(L×W×H) Packing: 140×34×23mm(L×W×H)

Weight(G.W.): 80g±10g

Dimensions





