# DMX-10-100-400-F1P1

## 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. ٠

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### **Main Characteristics**

DMX/RDM			
100-240Vac ±10%			
50/60Hz			
115Vac≤0.20A, 230Vac≤0.10A			
≥83%			
Cold start 20A@230Vac			
<0.5mA/230Vac			
10~45Vdc			
Max. 10W			
100mA 150mA 200mA 250mA			
10-45V 10-45V 10-45V 10-40V			
1-4.5W 1.5-6.75W 2-9W 2.5-10W			

Digital

Dimm

### Protection

Dimensions

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

Short Circuit Protection:

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N ≥83%

Efficiency

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

Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.

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current Accuracy:	±3%
No Load Output Voltage:	≪47Vdc
Dimming Range:	0~100%, LED start at 0.1% possible.
Working Temperature.:	tc: 80°C ta: -30°C ~ 55°C
Working Humidity:	20 ~ 95%RH, non-condensing
Storage Temp., Humidity:	-40 ~ 80°C, 10~95%RH
Temp. Coefficient:	±0.03%/°C(0-50°C)
Vibration:	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

300mA	350mA	400mA	
10-33V	10-28V	10-25V	Attn: Please mark out the
3-9.9W	3.5-9.8W	4-10W	current while placing orders.

### Safety & EMC

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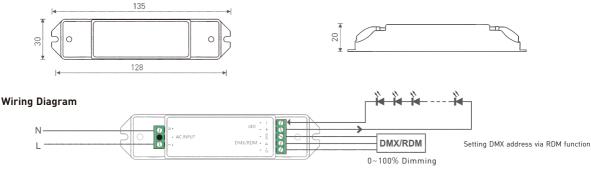
Current Accuracy:

Ove heat

Withstand Voltage:	I/P-0/P: 3750Vac;
Isolation Resistance:	I/P-0/P: 100M $\Omega/500 \text{VDC}/25^\circ\text{C}/70\%\text{RH}$
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: Packing: Weight(G.W.): 135×30×20mm(L×W×H) 140×34×23mm(L×W×H) 80g±10g



### www.ltech-led.com Update Time: 2016.08.12

# DMX/RDM

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

South States