

# DC-DC LED Driver

## Model: LD100D48T700XL (100W)



### Product Overview:

It is an ideal choice for all type of high-brightness LED package and LED array. High efficiency of DC-to-DC converter topology for better regulated output to achieve high quality of light. High resolution and Independent control of each channel can generate wide ranges of light/colour spectrum. Output over-current and short-circuit protections to ensure reliability and long life span. The application ranges from decorative lighting, automotive interior lighting, architectural lighting, scenery effect and many more.

### Features:

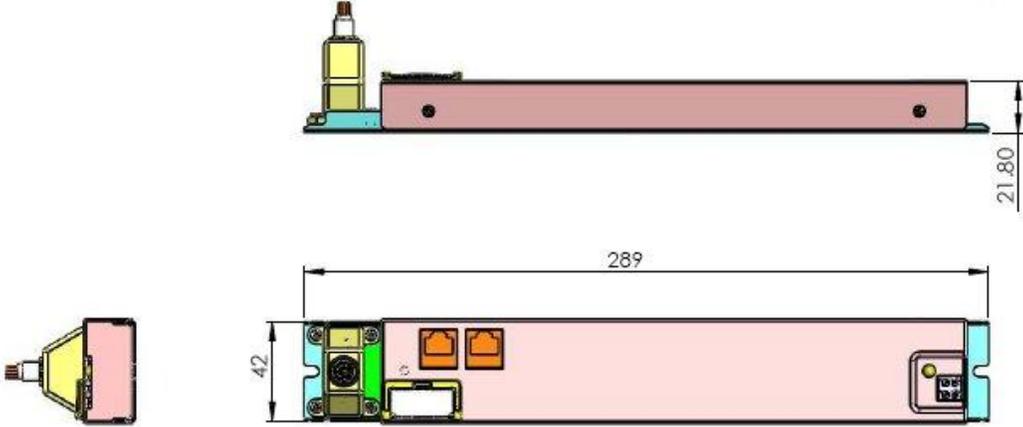
- ✓ True current regulated drivers.
- ✓ 700mA constant current output.
- ✓ High efficiency.
- ✓ High reliability.
- ✓ Long life span.
- ✓ High resolution.
- ✓ Wide ranges of light spectrum.
- ✓ More than 16.7 million of colours.
- ✓ Output over-current & short circuit protections.
- ✓ Comply with DMX512A protocol for dimming control.



#### **Process Automation (SEA) Pte. Ltd.**

Add: #03-87, B1k 211 Woodlands Avenue 9, Woodlands East Industrial Estate, Singapore 738960.  
Tel: (65) 64827037 Fax: (65) 64827036  
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## Specifications :

<b>Input Specification</b>	
Input Voltage	22 ~ 50V dc
<b>Output Specification</b>	
Output Power	100W
Output Channels per LED Driver	3 channels
Efficiency	up to 80%
Output Voltage per Channel	up to 46V
Output Current per Channel	700mA (up to 46V), with 3 to 12 pieces of 3W LED in series
<b>Environment Specification</b>	
Operating Ambient Temperature	-30 ~ +50 degree Celsius
<b>Protection</b>	
OCP, Short Circuit	
<b>Mechanical specification</b>	
Dimensions	289mm (L) x 42mm (W) x 37.5mm (H)
	

## Ordering Information:

Order code: LD100D48T700XL



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\*\*Specification may be changed without prior notice due to continuous product development.