12V or 24V DC

LED-DR100 Constant Voltage Driver

AMERICAN LIGHTING
BRIGHT IDEAS · INNOVATIVE SOLUTIONS

PROJECT:	TYPE:
LOCATION:	CAT:

Description
Constant voltage driver in either 12V DC or 24V DC outputs

Features
- 12V or 24V DC constant voltage hardwire driver; 100W capacity
- Non-dimmable on primary side; Utilize secondary side for Trulux™ controls or PWM dimming
- Universal AC input / Full Range
- Protections: Short Circuit / Overload / Over Voltage
- Built-in constant current limiting circuit
- Fully isolated plastic case; Fully encapsulated with IP67 level
- Input via 11" 18AWG conductors
- Output via 11" 14AWG conductors

Mounting
Set upon flat surface or house in an enclosure

Applications
Suitable for LED lighting

Warranty
2 years

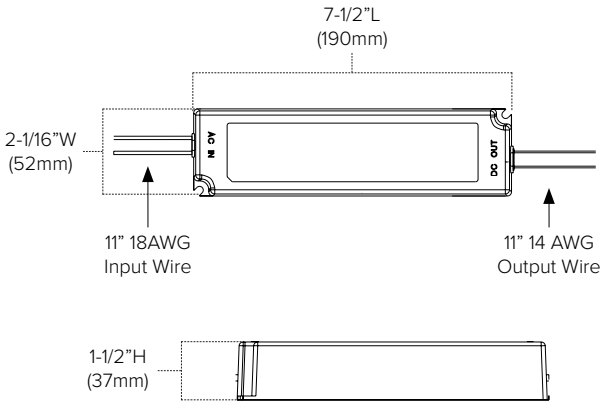
Technical Information

Indoor

Model	LED-DR100-12	LED-DR100-24
Output DC Voltage	12V DC	24V DC
Rated Current	8.5A	4.2A
Maximum Load	100W (non-dimming); 97W (dimming*)	
Minimum Load	20W (non-dimming); 1W (dimming*)	
Input Voltage Range	100-240V AC (2.2A)	
Frequency Range	50/60Hz	
Efficiency	85%	88%
Dimming	Non-dimmable on primary side; Utilize secondary side for Trulux controls or PWM dimming*	
Overload Protect	Hiccup mode, recovers automatically after fault condition is removed	
Over Voltage Protect	Shut down o/p voltage, re-power on to recover	
Operating Temp	-13°F to 158°F (-25°C to 70°C)	
Operating Humidity	20 ~ 90% RH non-condensing	
Rating	cURus for dry and damp locations; RoHS Compliant	

*Utilize Trulux controller + receiver combo on secondary side (sold separately); PWM dimming will consume ±3W internally

Dimensions



Ordering Information

LED-DR100 Driver

TYPE		MODEL		OUTPUT
LED	–	DR100	–	

12 = 12V DC
24 = 24V DC

LED-DR100-12 includes:
(1) 12V DC Constant Voltage Power Supply

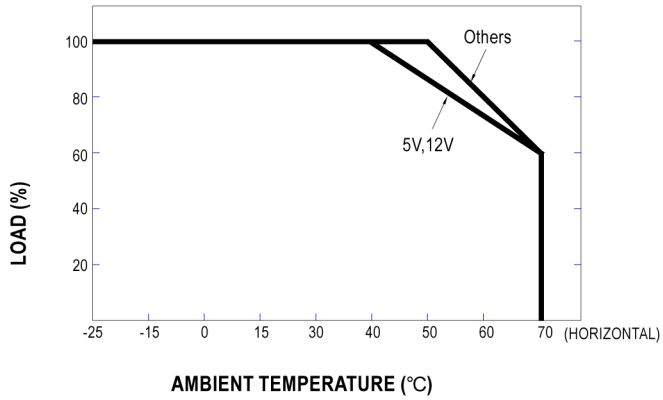
LED-DR100-24 includes:
(1) 24V DC Constant Voltage Power Supply

Example Part # LED-DR100-12

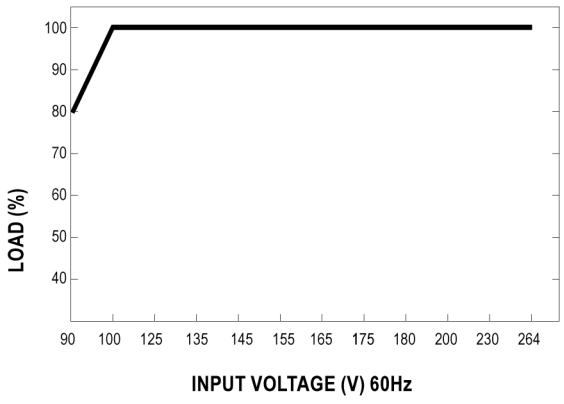
LED	–	DR100	–	12

Additional Information

■ Derating Curve



■ Static Characteristics



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