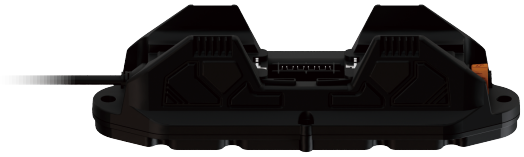
TLD-4

90watt Model One LED Driver with 4 Spectrum Channels



The TLD-4, is a modular plug-and-play LED driver that is designed to operate a single 90-watt LED bar. Since the TLD-4 is a modular driver, it can be combined with additional TLD-4 drivers to create a complete lighting system that can fit into any size space, and provide up to 1400 umol of light. It features four spectrum control channels and can be connected to a TrolMaster HCS or TCS controller to allow for remote control and independent settings for each of the four channels. That provides the ability to have customized lighting spectrum and timing control. The TLD-4 works with the 4ft long TLB-1 or 5ft long TLB-2 LED light bars from ThinkGrow.

Specifications

TLD-4

Intput Power

Intput Power	90W

Input Voltage

Voltage	Autosensing 100-277V~, 50/60Hz

IP Water Resistance

IP Rating	IP56

Amp Draw

Amp Draw	0.77A@120V, 0.43A@208V, 0.39A@230V, 0.39A@240V, 0.35A@277V

Maximum Connection

No. of LEDs in a Configuration	120V : Max. 11pcs 208V : Max. 19pcs 230V : Max. 21pcs 240V : Max. 22pcs 277V : Max. 25pcs

Package Contents

TLD-4 LED Driver	1pc
Twist Lock Plate	1pc
Unistrut Nuts	1pc
Hex Socket Screws	1pc

Package Dimensions

Size	15.16inch / 385mm(L) x 3.58inch / 91 mm(W) x 4.07inch / 103.5 mm(H)
Weight	2.27lbs / 1.03kg

Working Environments

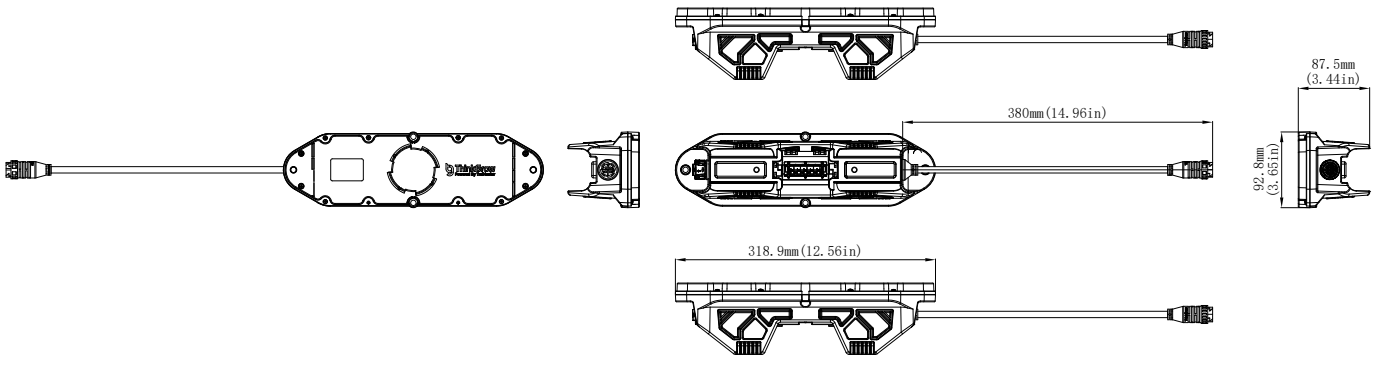
Temperature	32~104°F (0~40°C)
Humidity	≤90%RH

Warranty

Warranty	5 Years Standard Warranty

Link Up

TLD-4



Intertek 5008191

© 2025 TrolMaster Agro Instruments Co., Ltd. All rights reserved.

Email: support@thinkgrow.com
Phone: 877-420-9876