

- Thoro LED Driver
- U-OUT 24 V
- IP 67 Dry or Damp
- Suitable for Class I luminaire
- Universal Voltage: 100-277V~, 50/60Hz
- Output Voltage: 24V=
- Output Power: 150W
- Output Current: 6.25A Max.
- 0-10V Dimming

This Driver Will Operate The Following LED Modules:

LED module designed to accept constant voltage input of 24V and has a maximum input current of 6.25A.

Note: Constant voltage modules are usually with on-board circuit besides LEDs, the module & driver compatibility check is preferred before any installation. Some of the modules with big input capacitance may lead to the incompatibility with the dimmable driver, contact Fulham for further assistance.

General Specifications

Input Voltage	100-277V~, 50/60Hz
Input Current	1.71A @100VAC, 0.61A @277VAC
Input Power	168W
Power Factor	>0.9
THD	<20%
Efficiency	>90% @120VAC Full Load
Driver Type	Constant Voltage
Output Voltage Range	24V=
Output Current	6.25A Max.
Output Power	150W
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	0-10VDC
RFI/EMI	FCC Part 15B Consumer, EN55015
Output Type	Non-Class 2
Sound Rating	A
Surge Protection	Line-Line 4kV, Line-Earth 6kV
Protections	Input Current Protection Output Short Circuit Protection Output Open Circuit Protection Output To Ground Short Protection Overload Protection
Max. Case Temperature	89°C(192.2°F)
ta	-40°C to 53°C(-40°F to 127.4°F)
Service Life	50,000 hours @Tc 75°C(167°F)
Approvals / Class	CE, cURus, IP 67, RoHS, Dry or Damp Locations, Type HL, Type TL
Warranty	5 years

Figure 1

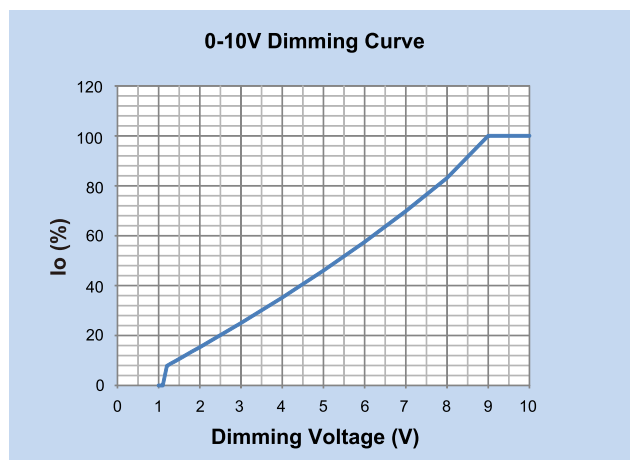


Figure 2

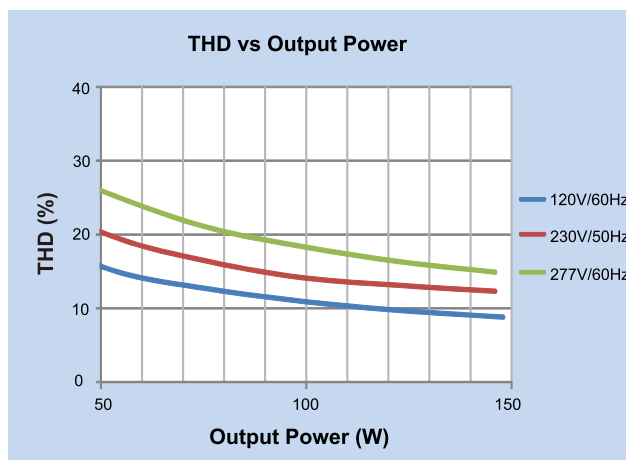


Figure 3

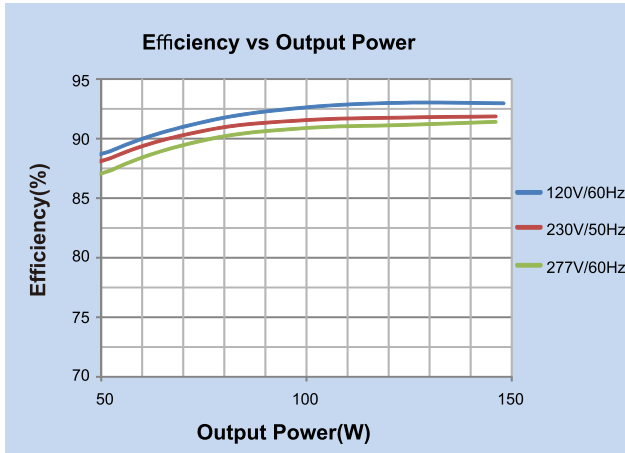


Figure 4

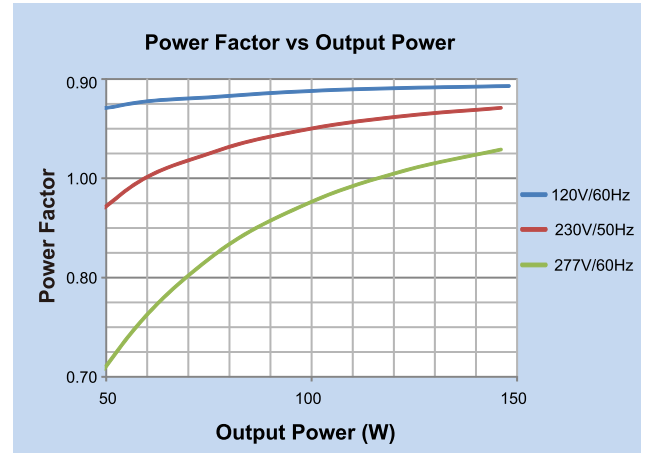
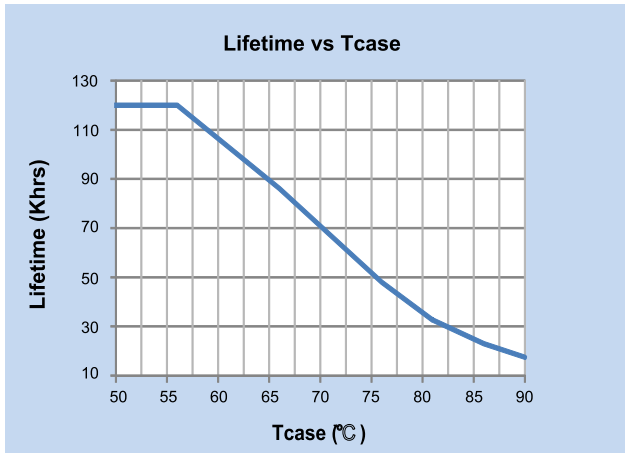
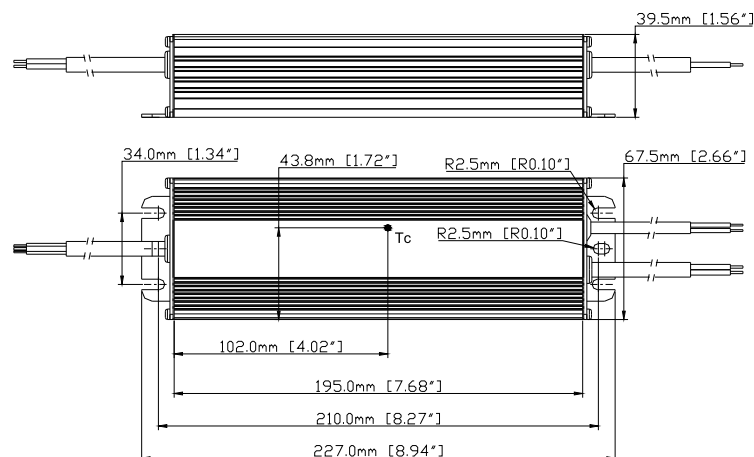


Figure 5



Mechanical Data

LENGTH	WIDTH	HEIGHT
227mm	67.5mm	39.5mm
8.94"	2.66"	1.56"

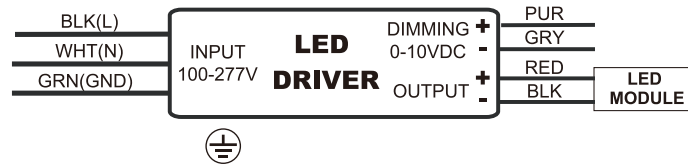


Case Tolerance=±0.02"

Wiring Diagrams

INPUT SIDE	LENGTH
BLK	610mm [24"]
WHT	610mm [24"]
GRN(GND)	610mm [24"]

OUTPUT SIDE	LENGTH
PUR	610mm [24"]
GRY	610mm [24"]
RED	610mm [24"]
BLK	610mm [24"]



NOTE :

- 1.This Driver Must Be Installed By A Licensed Electrician
- 2.This Driver Must Be Grounded