T12401400-59P10
SPECIFICATIONS

IP67

- Constant Current LED Driver
- Output Wattage: 59W
- Output Current: 1400mA ±5%
- Aluminum Extrusion Long case and Cables
- Output voltage range of 28-42VDC
- IP67

General Specifications

|	
Rated Input Voltage	240VAC ±15%, 50/60 Hz
Operating Input Voltage Range	100-300VAC, 50/60 Hz
Input Current	0.46 A Max.
Input Power	72W Max.
Power Factor	>0.97
THD	<10%
Efficiency	>86%
Driver Type	Isolated, Class I
Output Current	1400mA ±5%
Output Voltage Range	28-42VDC
Output Power	59W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	NA
RFI/EMI	NA
Output Type	Constant Current
Ambient Operating Temperature Range	-25°C to 50°C
Max. Case Temperature	80°C (176°F)
Input Surge Protection	Line - Neutral 4KV, Line - Neutral & Ground 4KV
Protections	Input Current Protection - Non Resettable
	Output Short Circuit Protection - Autorecovery
	Input Over Voltage - Over Voltage Operation (48Hrs@320VAC, 2Hrs@360VAC)
	Input Under Voltage - NA
	Over Temperature protection - Output Current Foldback Above Tc max
Service Life	50,000 hours @ Tc Max
Approvals / Class	Class I; Dry Damp and Wet Locations; IP67
Warranty	3 years

Figure 1
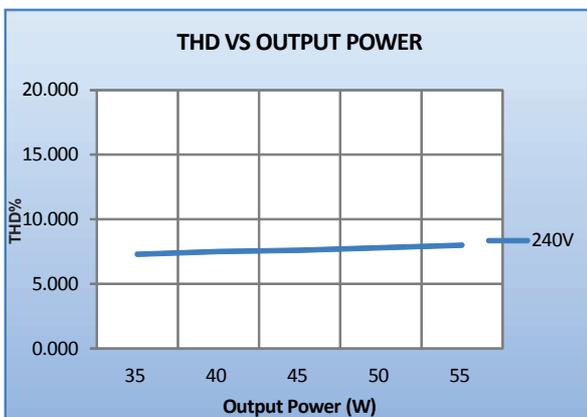
Figure 2
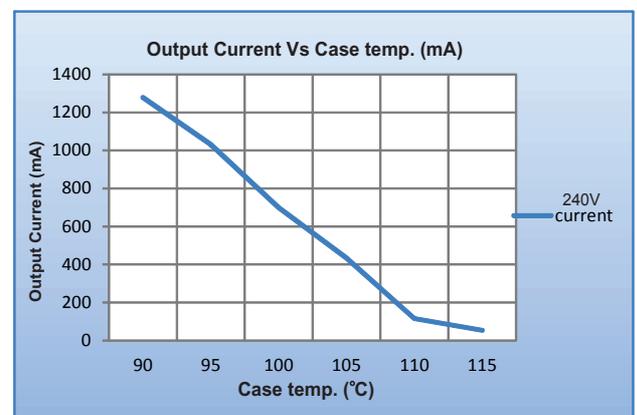
Figure 3

Efficiency VS Output Power

Efficiecy(%) vs Output Power (W)

— 240V

Figure 4

PF VS OUTPUT POWER

PF vs Output Power (W)

— 240V

Mechanical Data

150.00

74.8

40.00
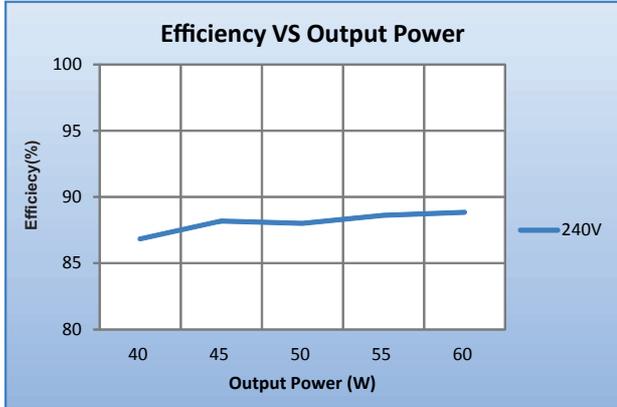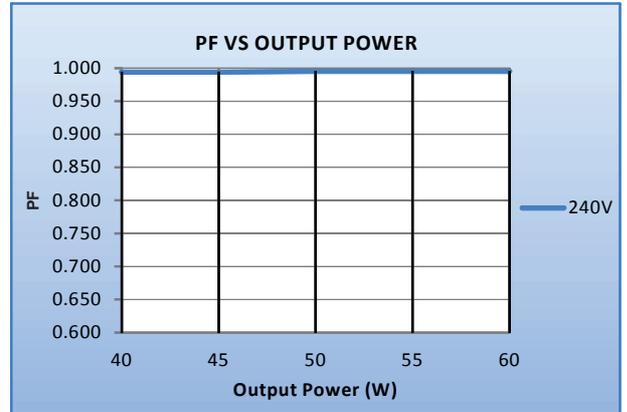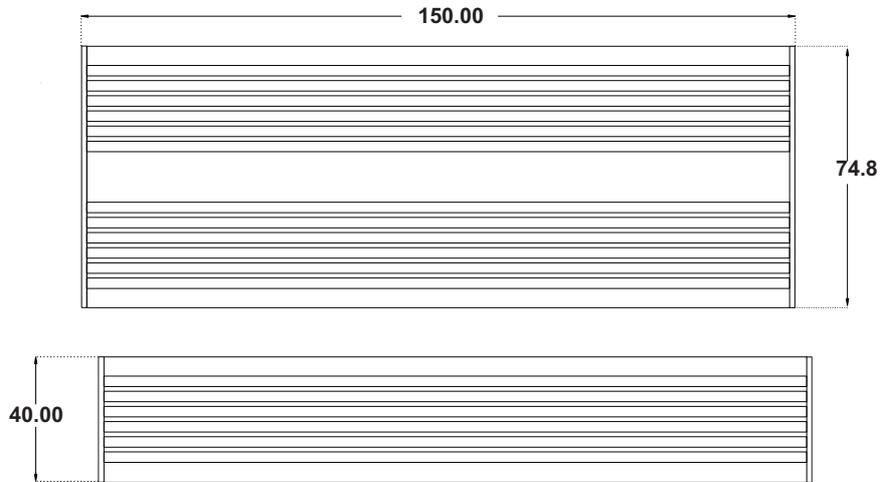
Tolerance=±0.5mm

Wiring Diagrams

L
N
E

INPUT

LED
DRIVER

+
-
OUTPUT

CAUTION
HIGH VOLTAGE
DO NOT SERVICE ONLINE
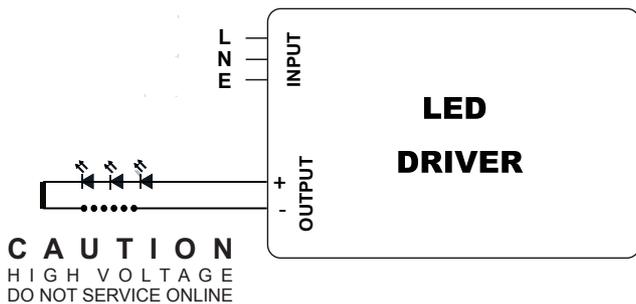
INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3-CORE CABLE 300 mm	RED (+)	2-CORE CABLE 300 mm
WHITE (N)		BLUE (-)	
GREEN (E)			

Note: This Driver Must Be Grounded