



T12401000-105PB SPECIFICATIONS

IP 67



- Constant Current LED Driver
- Output Wattage: 105W
- Input Voltage: 240VAC \pm 10%, 50/60Hz
- Output Current: 1000mA \pm 5%
- Thermal Protection
- Aluminum extrusion enclosure and cables
- Output voltage range of 75-105VDC
- IP 67, Isolated
- 440Vac Protection
- OVP and UVP Cut-off

General Specifications

Rated Input Voltage	240VAC \pm 10%, 50/60 Hz
Operating Input Voltage Range	100-300VAC, 50/60Hz
Input Current	1.3 A Max.
Input Power	128W Max.
Power Factor	>0.98
THD	10%
Efficiency	>86% , Typical 90%
Driver Type	Isolated class I (IEC 61140)
Output Current	1000mA \pm 5%
Output Open Load Voltage	110VDC
Output Voltage Range	75-105VDC
Output Power	105W
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	75°C
Sound Rating	NA
Input Surge Protection	Line-Neutral 4kV, Line & Neutral-Ground 4kV
Protections	Input Over Current : NON-Resettable
	Input Over Voltage : Shutdown @ 330 \pm 10Vac, Auto recovery @ 320 \pm 10Vac, 440Vac for 8 hours @ 50°C, 320Vac for 48 hours @ 50°C
	Input Under Voltage : Shutdown @ 95 \pm 10Vac, Auto recovery @ 100 \pm 5Vac
	Output Short Circuit : Auto recovery
	Output Open Circuit : Auto recovery
	Output to ground short : Auto recovery
	Output Overload : Limited by maximum Output Voltage
Over Temperature : Output Current Fold-back above declared Tc max	
Service Life	50,000 hours @ Tc Max
Approvals / Class	Dry, Damp or Wet Locations; IP 67
Warranty	3 years
Weight	1.1 Kg

Note : The usage of a compatible SPD is mandatory for outdoor application.
Recommended Fulham SPD - SPD1230S5A5K54

Figure 1

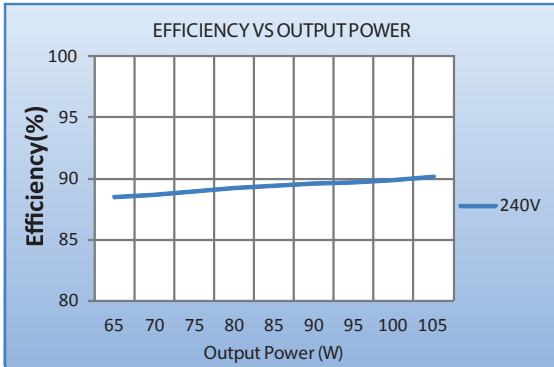


Figure 2

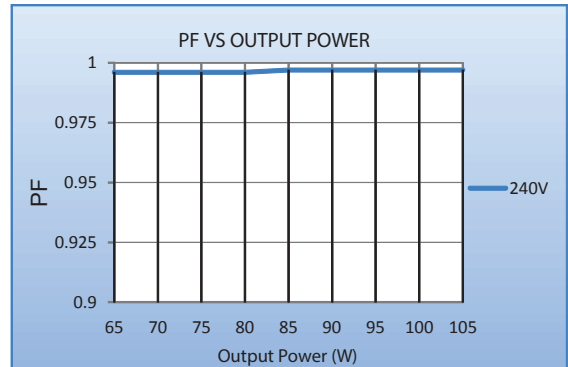


Figure 3

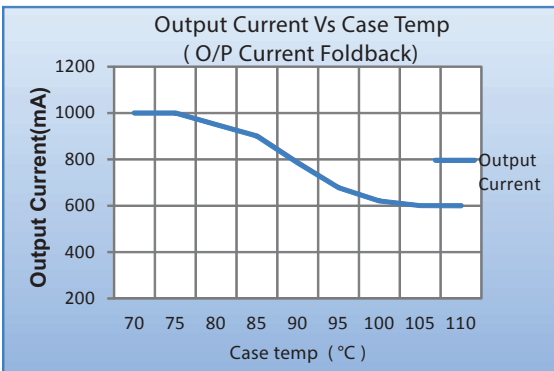
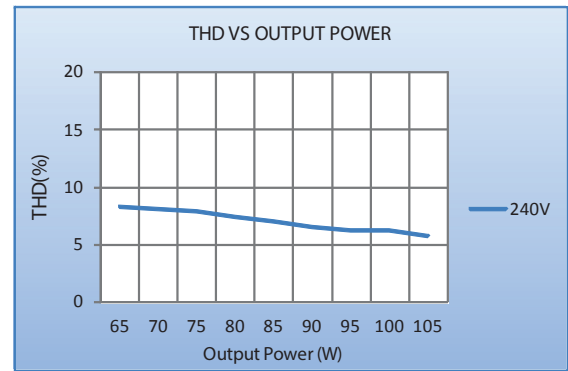
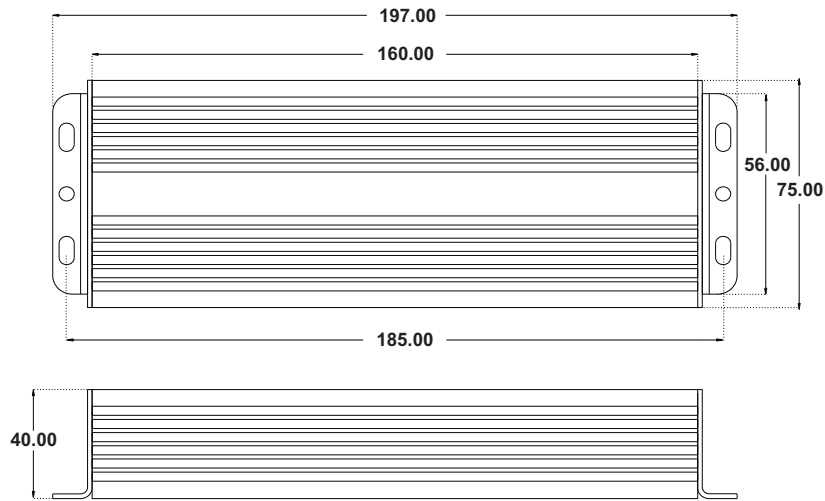


Figure 4





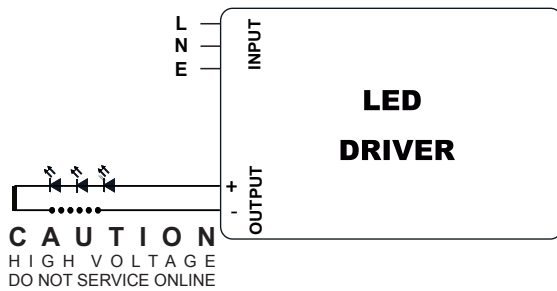
Mechanical Data



Note : All Dimensions are in mm.

Tolerance=±0.5mm

Wiring Diagrams



INPUT SIDE	LENGTH	OUTPUT SIDE	LENGTH
BLACK (L)	3-CORE CABLE 300 mm	RED (+)	2-CORE CABLE 300 mm
WHITE (N)		BLUE (-)	
GREEN (E)			