

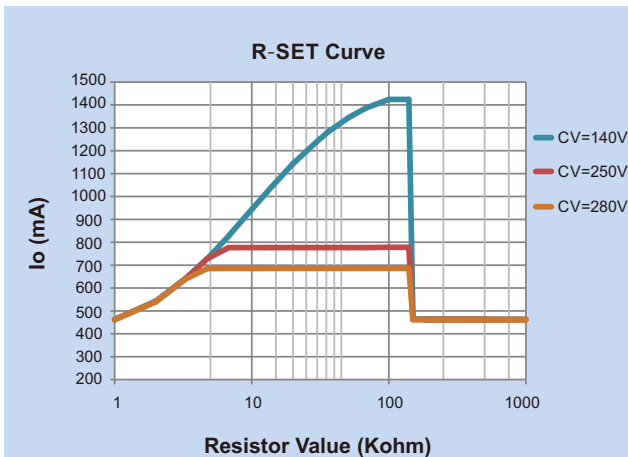
- Built-in LED Driver
- U-OUT 350V
- IP65 Dry and Damp
- Suitable for Class I Luminaire
- Universal Voltage: 120-277V~, 50/60Hz
- Output voltage range of 80-280V~
- Output Power: 200W Max.
- Output Current: 500-1400mA
- Programmable LED Driver
- 0-10V Dimming
- Customizable Dimming Curve
- Linear Case and Cable

This Driver Will Operate The Following LED Modules: Any LED module designed to accept input voltage range of 80-280 V~ and can operate up to current of 500-1400mA.

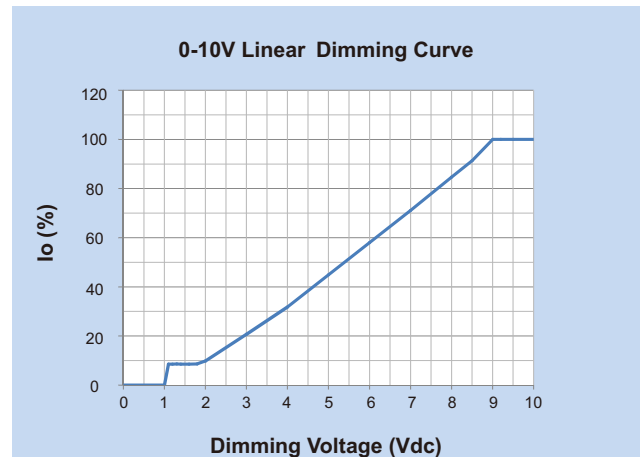
**General Specifications**

Input Voltage	120-277V~, 50/60 Hz
Input Current	1.9A Max.
Input Power	226W
Standby Power	<0.5W
NTC Input	Ext. NTC Derating Resistance Range: 1k to 51k Ohm programmable. Default/Recommended Ext. NTC P/N: TSM2A104J4503RZ, SMD0805, Thinking Electronic.
Power Factor	>0.9
THD	<20%
Efficiency	92% Typical
Driver Type	Constant Current, Constant Power
Output Current	500-1400mA Programmable; See Label For Set Current; To Program Use R-SET (Figure 1) Or TPSB-100 (Programmer); Record New Setting On 1"x0.5" Label
Output Voltage Range	80-280V~
Output Power	200W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	0-10 VDC / 100%-10%, 0%
RFI/EMI	EN55015
Potting Type / Degree of Fill	Potting As Per ASTM D36-86 / Fully Potted
Ambient Temp.	-40°C to 50°C (-40°F to 122°F)
Max. Case Temperature	90°C (194°F)
Sound Rating	A
Input Surge Protection	Line-Neutral 10kV, Line & Neutral-Ground 10kV
Input Current Protection	
Output Short Circuit Protection	
Output Open Circuit Protection	
Output to Ground Short Protection	
Overload Protection	
Over Temperature Protection	
Runtime Counting of Every 10 Degrees	Yes
Service Life	50,000 hours @Tc 75°C (167°F)
Warranty	5 years

**Figure 1**



**Figure 2**



Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc75°C from the date of manufacture when properly installed and operated under normal conditions of use. The usage of appropriate series connected Surge Protection Device (SPD) is required in high risk applications. For complete terms and conditions, please refer to the Warranty Center at [www.fulham.com](http://www.fulham.com). Specifications subject to change without notice.

Figure 3

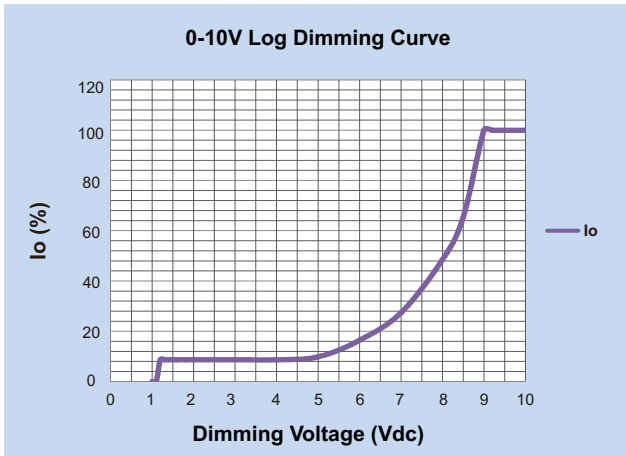


Figure 4

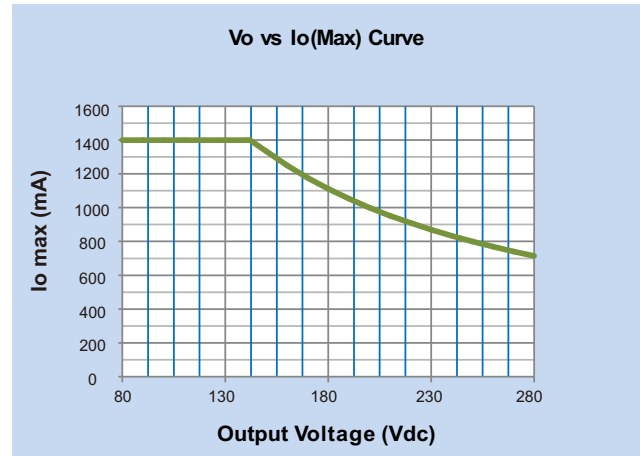


Figure 5

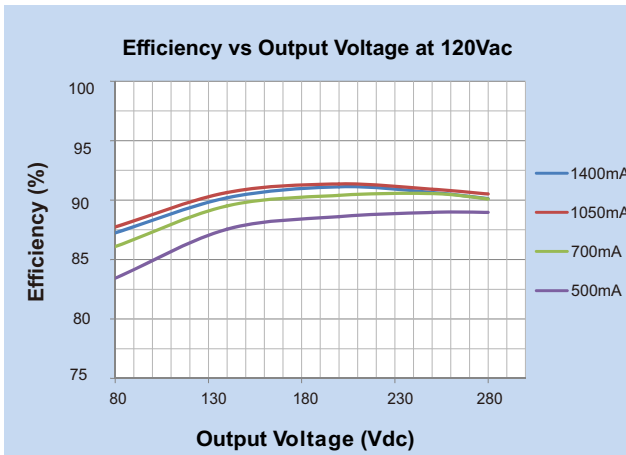


Figure 6

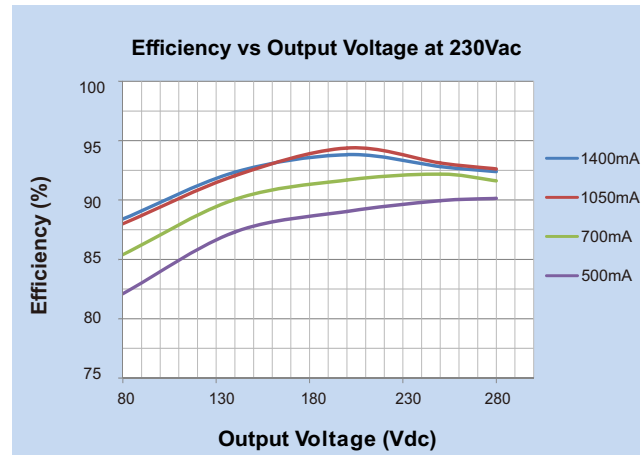


Figure 7

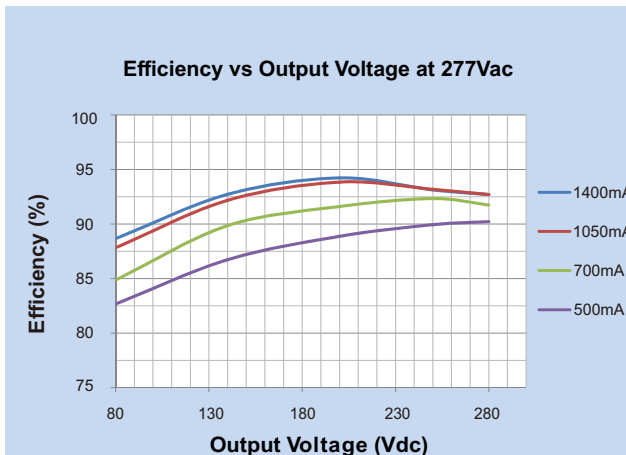


Figure 8

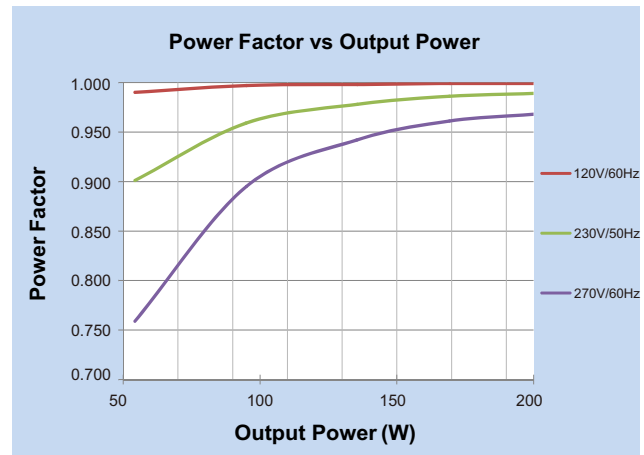


Figure 9

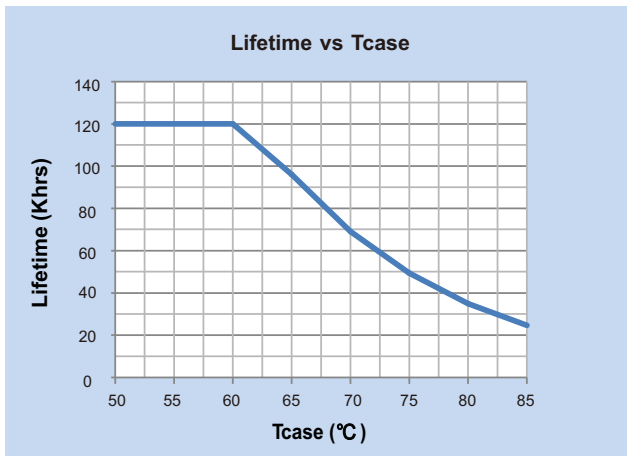


Figure 10

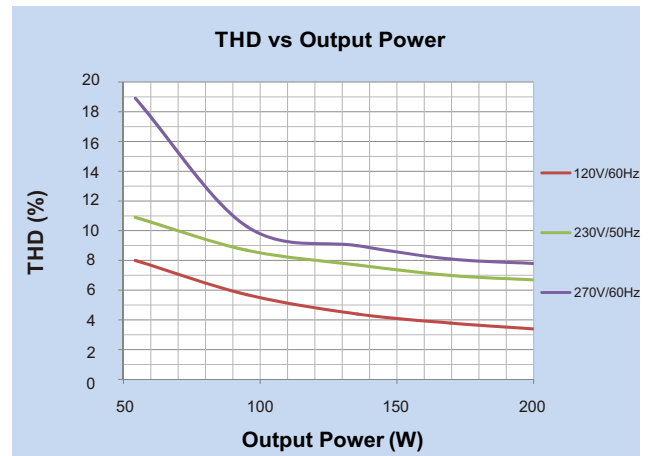


Figure 11

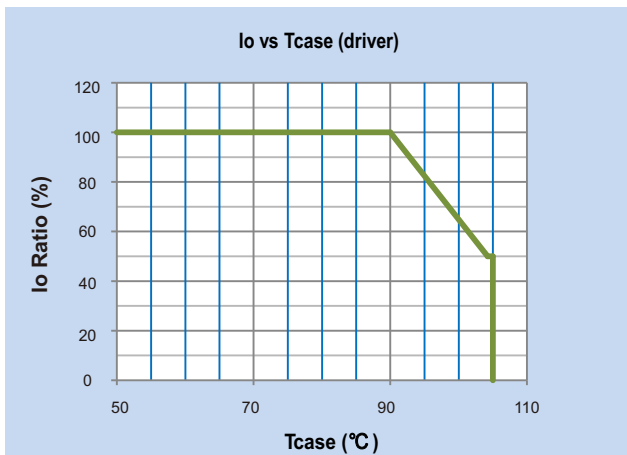
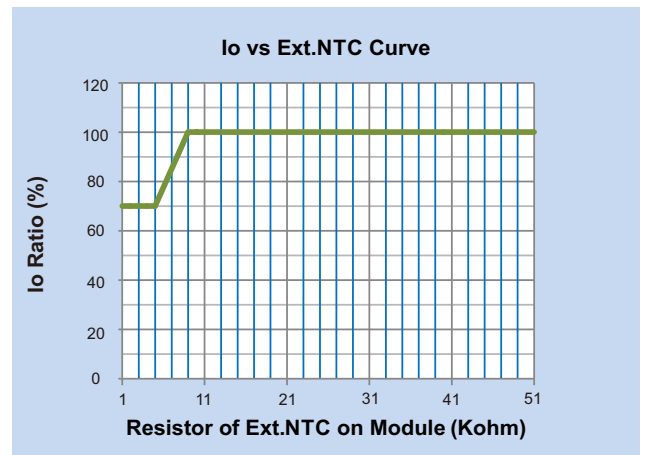
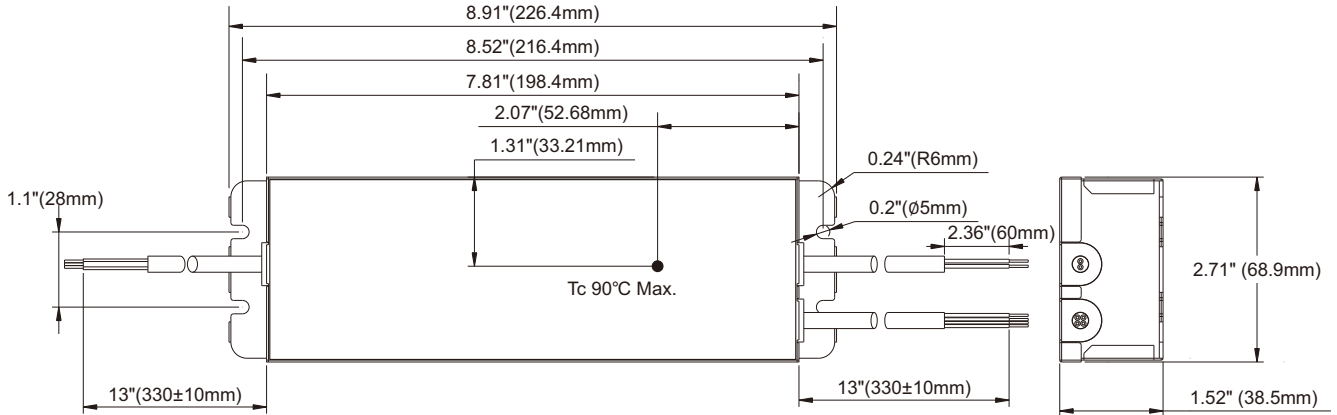


Figure 12



**MECHANICAL DATA**



**NOTE:**

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

Tolerance=±0.02"

**CAUTION:**

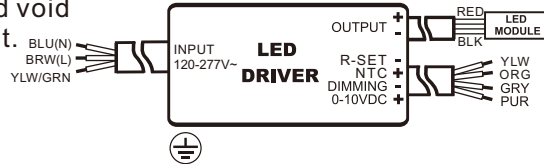
1. To prevent damage to the LED driver, Orange and Yellow R-set / NTC / PRG inputs must never make contact with LED output.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Input Side	Length
BLU	13"(330mm)
BRW	13"(330mm)
YLW/GRN	13"(330mm)

Output Side	Length
RED	13"(330mm)
BLACK	13"(330mm)

Programming Side	Length
ORANGE	13"(330mm)
YELLOW	13"(330mm)



Dimming Side	Length
PURPLE	13"(330mm)
GRAY	13"(330mm)

**TPSB-100:**

Only for luminaire manufacturer not for end user. For detail information on using TPSB-100 Driver Programming Box, please consult user's manual of TPSB-100.

