

- Programmable LED Driver
- Output Wattage: 200W
- Universal Voltage (120-277VAC)
- CC Programmable 500-1400mA
- 0-10V Dimming
- Long Case and Wire
- Output voltage range of 80-280VDC
- Customizable Dimming Curve

General Specifications

Input Voltage	120-277VAC, 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	80-280VDC
Output Power	200W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	0-10 VDC / 100%-10%, 0%
RFI/EMI	FCC Part 15B Consumer, EN55015
Output Type	NON Class 2
Potting Type / Degree of Fill	Potting As Per ASTM D36-86 / Fully Potted
Ambient Operating Temperature Range	-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 4kV, Line & Neutral-Ground 6kV
Input Current Protection	Output Short Circuit Protection
Output Short Circuit Protection	Output Open Circuit Protection
Output Open Circuit Protection	Output to Ground Short Protection
Output to Ground Short Protection	Overload Protection
Overload Protection	Over Temperature Protection
Over Temperature Protection	Runtime Counting of Every 10 Degrees
Runtime Counting of Every 10 Degrees	Yes
Service Life	50,000 hours @Tc 75°C (167°F)
Approvals / Class	UL Listed, Class P, Type HL, FCC, Dry and Damp
Warranty	5 years

Figure 1

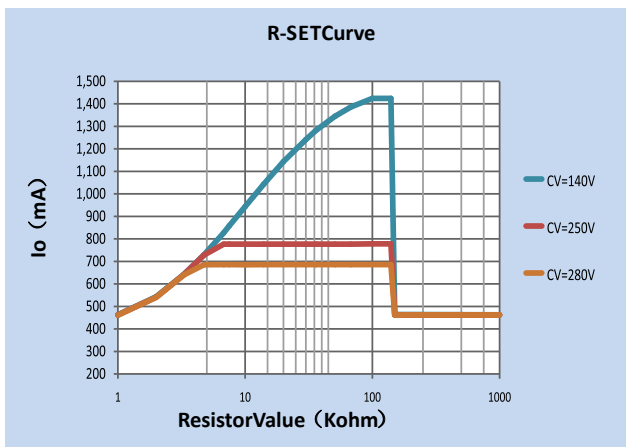
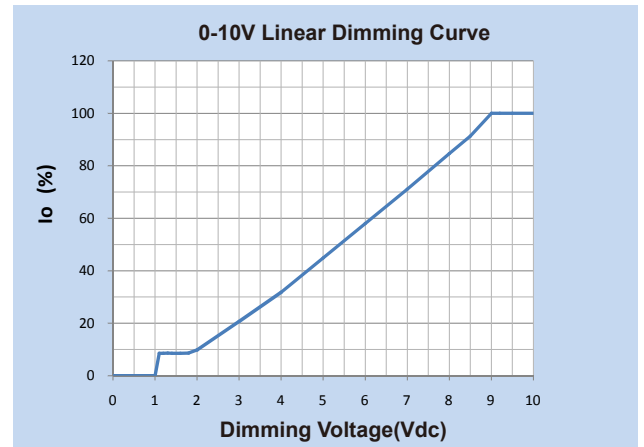


Figure 2



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. Specifications subject to change without notice.

Figure 3

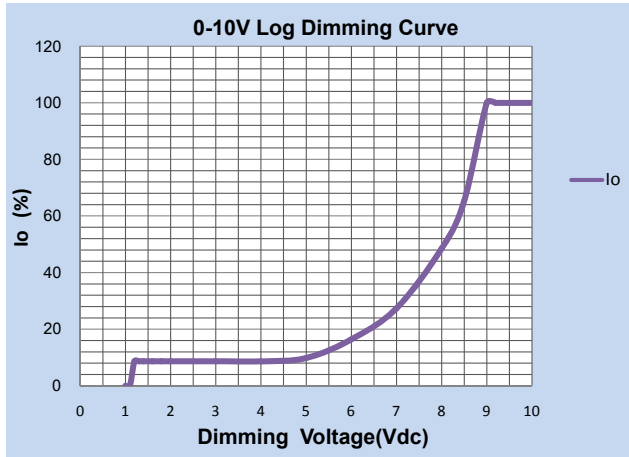


Figure 4

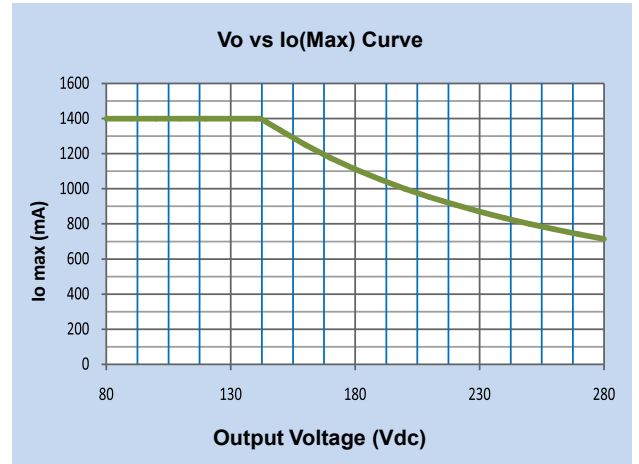


Figure 5

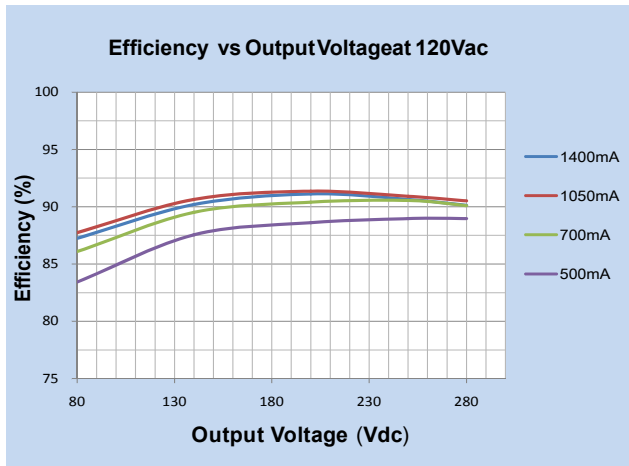


Figure 6

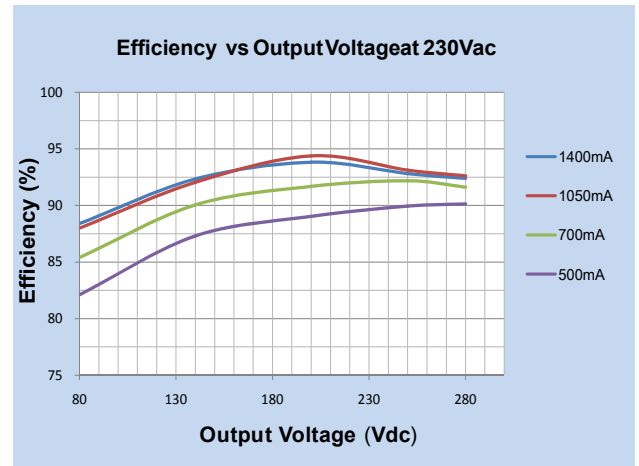


Figure 7

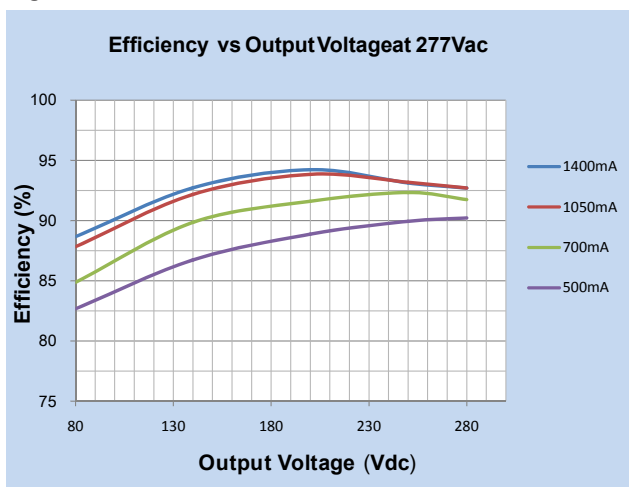


Figure 8

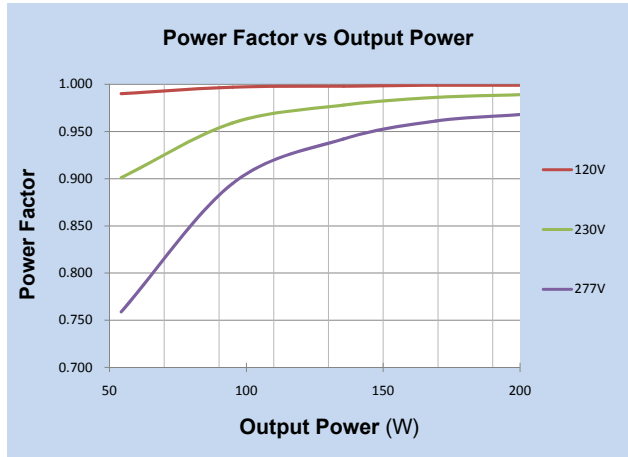


Figure 9

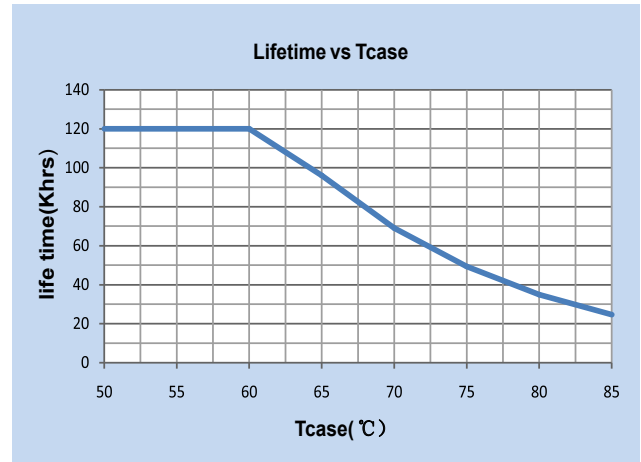


Figure 10

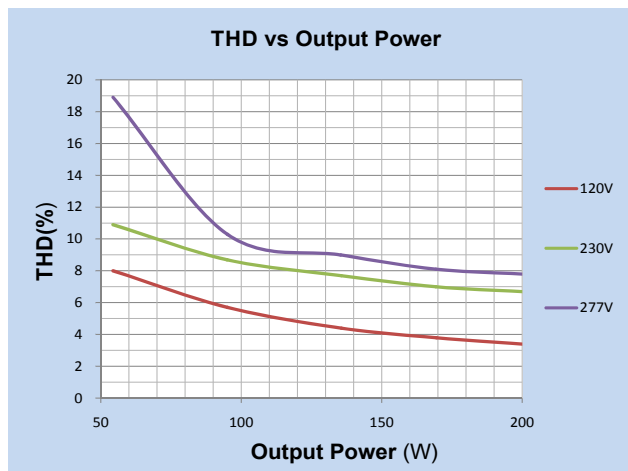


Figure 11

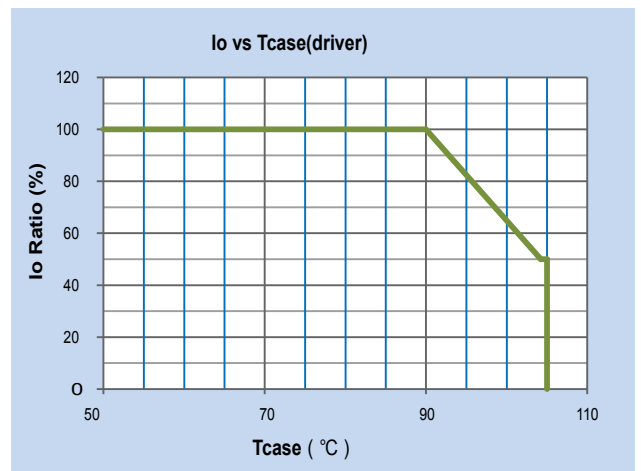
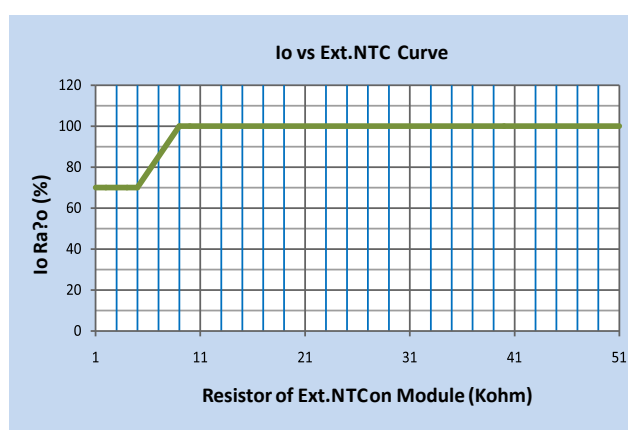
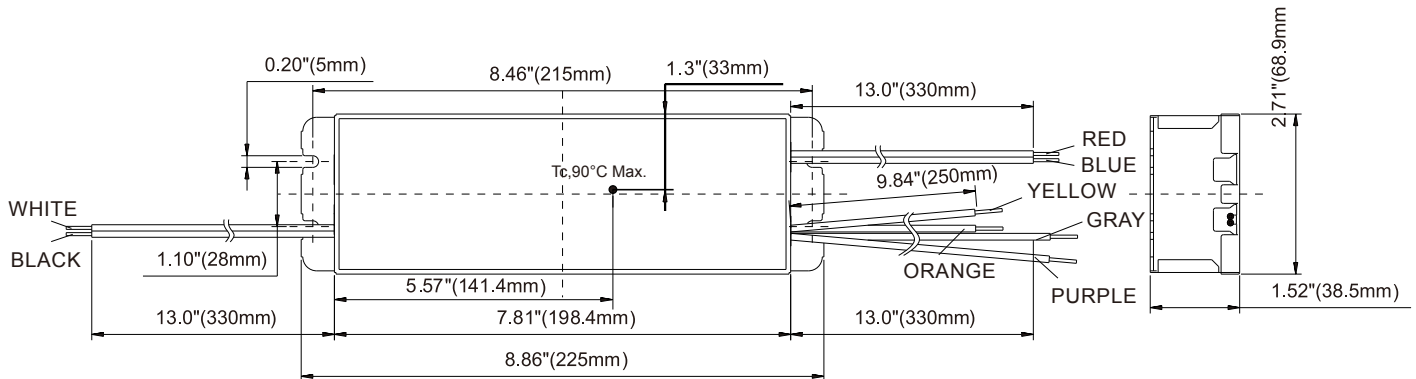


Figure 12



MECHANICAL DATA



NOTE :

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

Tolerance=±0.02"

WARNING

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

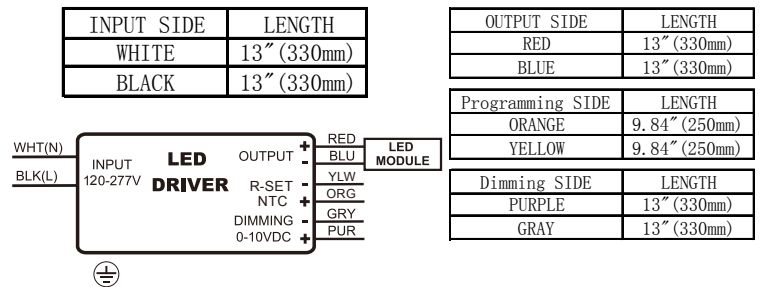
2.FCC WARNING

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1).This device may not cause harmful interference, and
- (2).This device must accept any interference received, including interference that may cause undesired operation.

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



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.

