

- Programmable LED Driver
- Output Wattage: 40W
- Universal Voltage (120-277VAC)
- CC Programmable 250-1500mA
- Wireless Dimming
- Compact Case and Wire
- Output voltage range of 10-57VDC

#### General Specifications

Input Voltage	120-277VAC, 50/60 Hz
Input Current	0.42A Max.
Input Power	49W
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	88% Typical
Driver Type	Constant Current & Constant Power
Output Current	250-1500mA Programmable; See Label For Set Current; To Program The Output Current Use R-SET Resistor.(Figure 1) or TPSB-100 (Setting Controller) ;Print & Record New Setting On 1"x0.5" Label.
Output Voltage Range	10-57VDC (250-1500mA)
Output Power	40W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	Wireless/ 100%-1%,0%
RFI/EMI	FCC Part 15B Consumer
Output Type	LED Class 2
Potting Type / Degree of Fill	Potting As Per ASTM D36-86 / Fully Potted
Ambient Operating Temperature Range	-40°C to 60°C (-40°F to 140°F)
Max. Case Temperature	90°C (194°F)
Sound Rating	A
Input Surge Protection	Line-Neutral 4kV, Line & Neutral-Ground 6kV
Protections	Input Current Protection Output Short Circuit Protection Output Open Circuit Protection Output to Ground Short Protection Overload Protection Over Temperature Protection
FCC	ID: 2AJ9LT1R1UNV210P60C 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 2.This device must accept any interference received,including interference that may cause undesired operation.
Runtime Counting of Every 10 Degrees	Yes
Service Life	50,000 hours @Tc 80°C (176°F)
Approvals / Class	RoHS, UL LISTED ,CLASS P ,Type HL,IP65,ENEC,FCC,Dry and Damp
Warranty	5 years

Figure 1

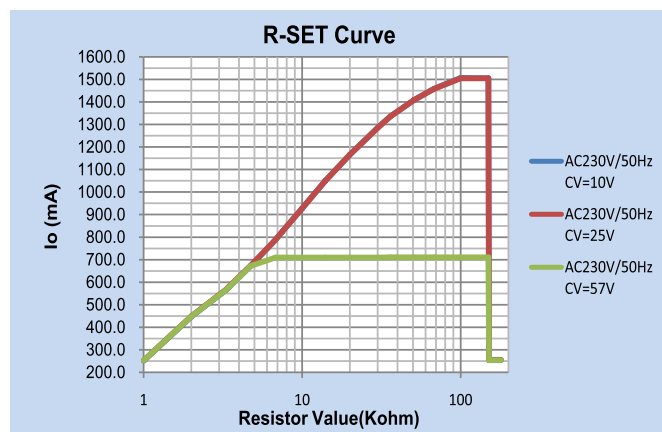
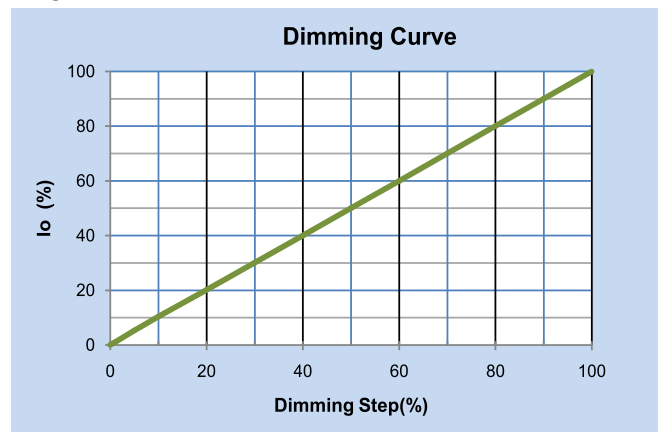


Figure 2



Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 80°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

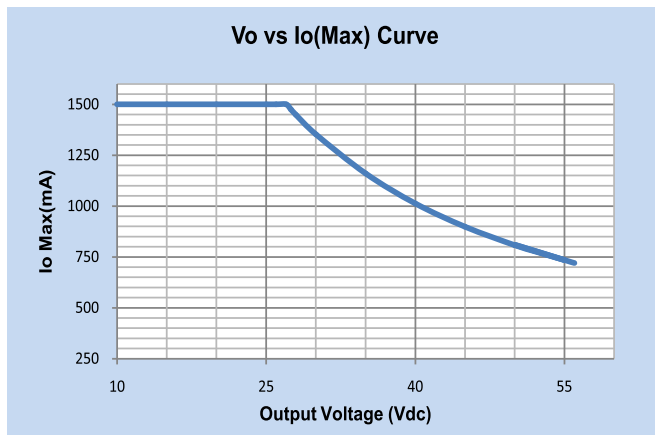


Figure 4

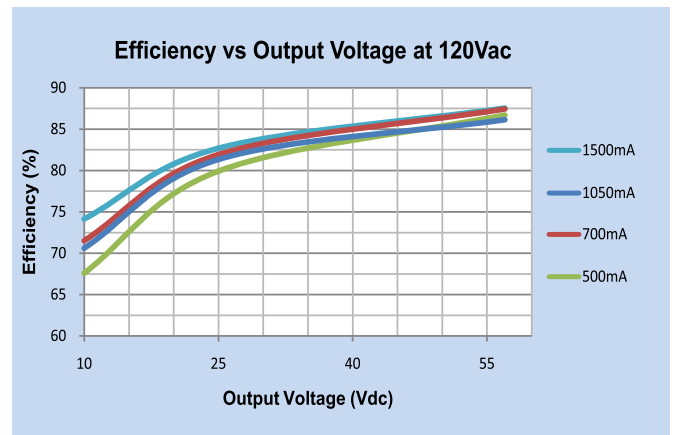


Figure 5

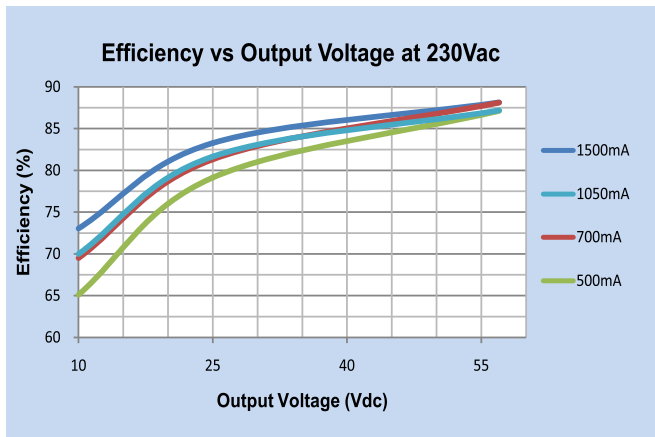


Figure 6

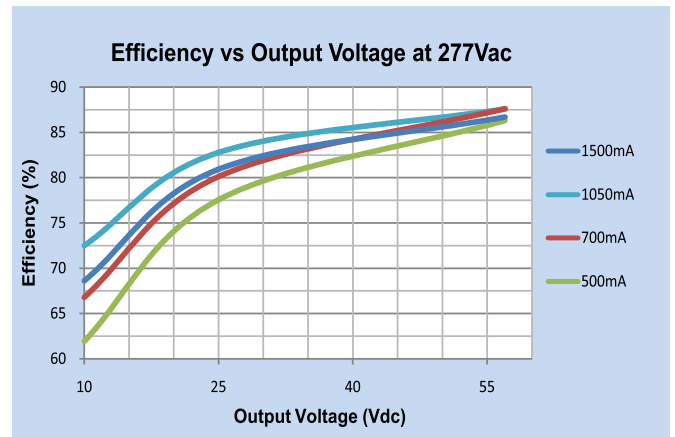


Figure 7

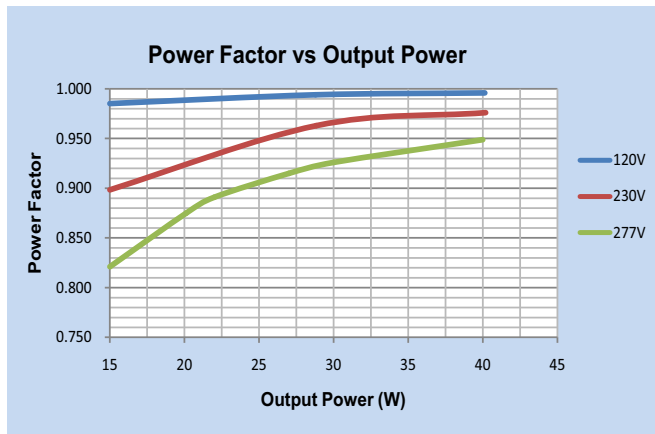


Figure 8

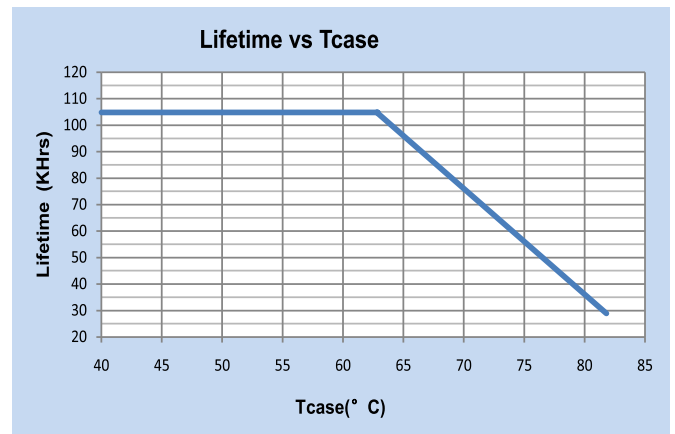


Figure 9

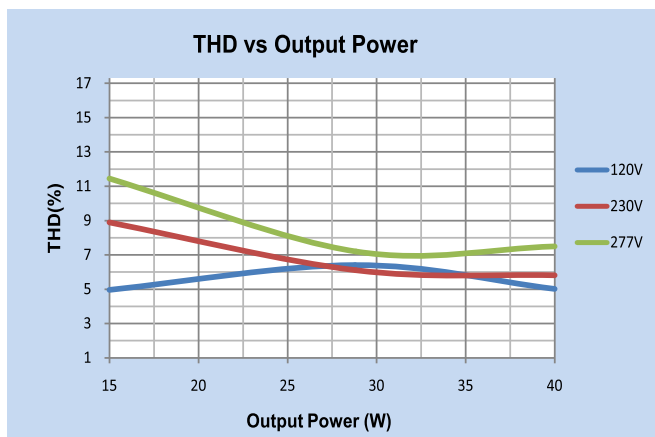


Figure 10

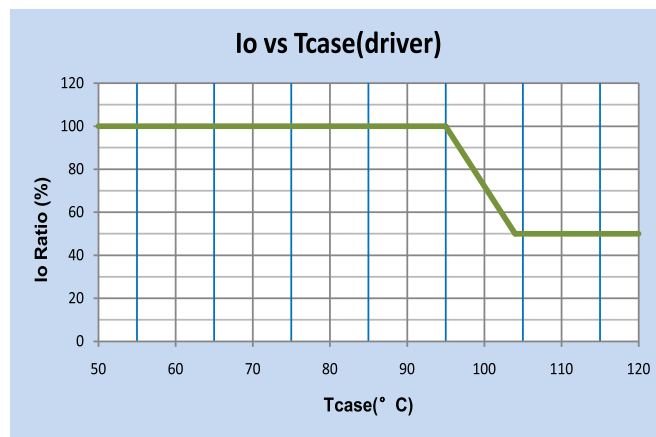
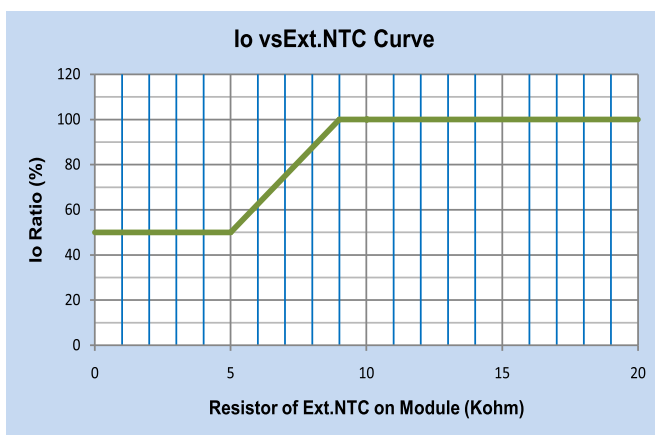
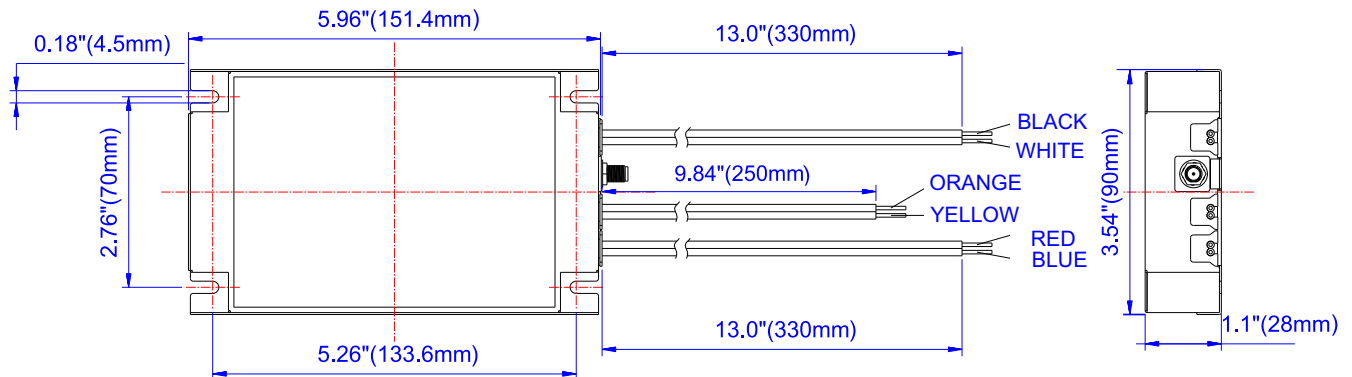


Figure 11



## MECHANICAL DATA



### NOTE :

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

Tolerance=±0.02"

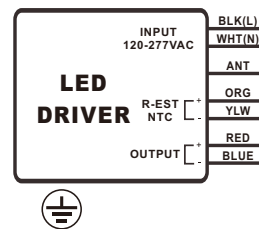
## WIRING DIAGRAMS

FCC ID:2AJ9LT1R1UNV210P60C

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.



INPUT SIDE	LENGTH
WHITE	13" (330mm)
BLACK	13" (330mm)

Programming SIDE	LENGTH
ORANGE	9.84" (250mm)
YELLOW	9.84" (250mm)

OUTPUT SIDE	LENGTH
RED	13" (330mm)
BLUE	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.

