

- Programmable LED Driver
- Output Wattage: 100W
- Universal Voltage (120-277VAC)
- CC Programmable 500-1500mA
- Wireless Dimming
- Square Case and Wire
- Output voltage range of 50-150VDC
- UOUT 170VDC

General Specifications

| | |
|--|---|
| Input Voltage | 120-277VAC, 50/60 Hz |
| Input Current | 0.95A Max. |
| Input Power | 115W |
| 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 | >90% Typical |
| Driver Type | Constant Current,Constant Power |
| Output Current | 500-1500mA 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 | 50-150VDC |
| Output Power | 100W Max. |
| Number of Output Channels | 1 Channel |
| Dimming Controller Type/Dimming Range | Wireless |
| RFI/EMI | FCC Part 15B |
| 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 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 |
| 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 | ID: 2AJ9L1R1UNV150P100C |
| ID: 2AJ9L1R1UNV150P100C | This device complies with Part 15 of the FCC Rules.Operation is subject to the following two conditions: |
| 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 |
| 1.This device may not cause harmful interference | 2.This device must accept any interference received,including interference that may cause undesired operation. |
| 2.This device must accept any interference received,including interference that may cause undesired operation. | Yes |
| Yes | 50,000 hours @Tc 74°C (165.2°F) |
| 50,000 hours @Tc 74°C (165.2°F) | UL Listed ,Class P, Type HL,FCC,Dry and Damp |
| UL Listed ,Class P, Type HL,FCC,Dry and Damp | 5 years |
| 5 years | |

Figure 1

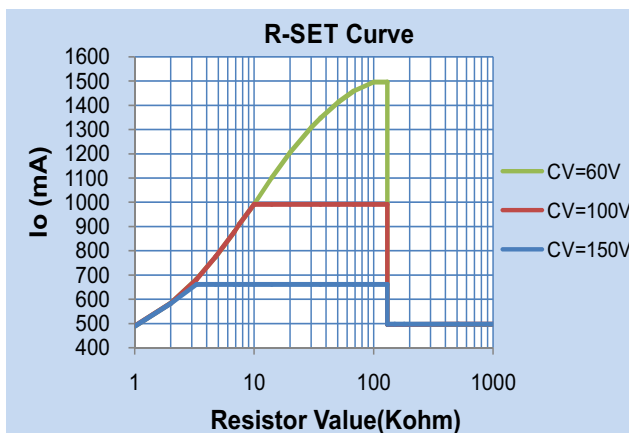
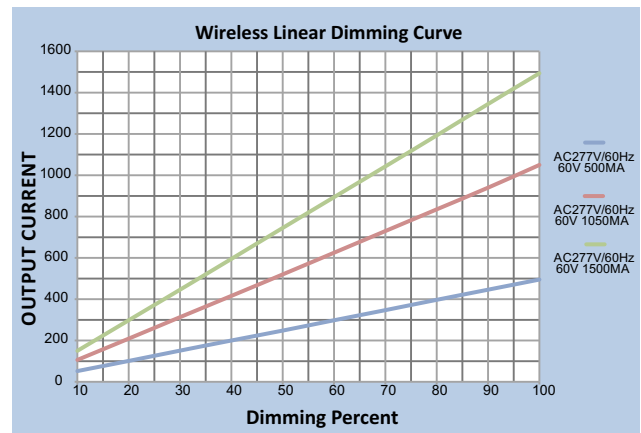


Figure 2



Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc74°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

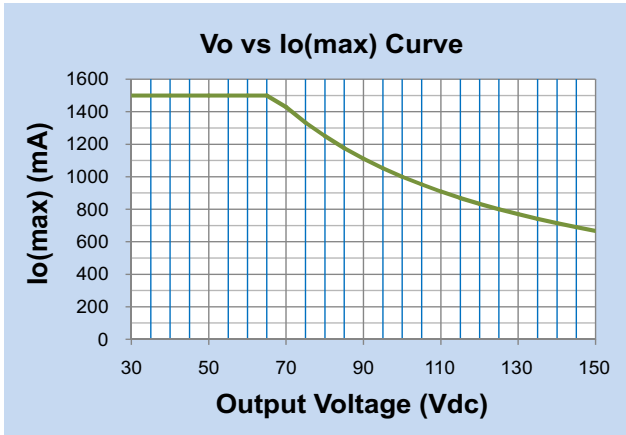


Figure 4

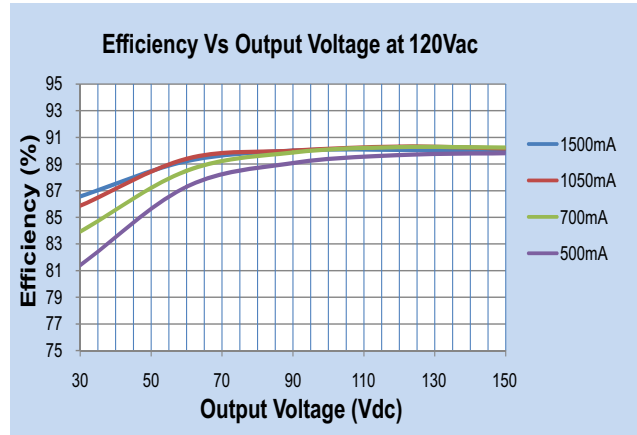


Figure 5

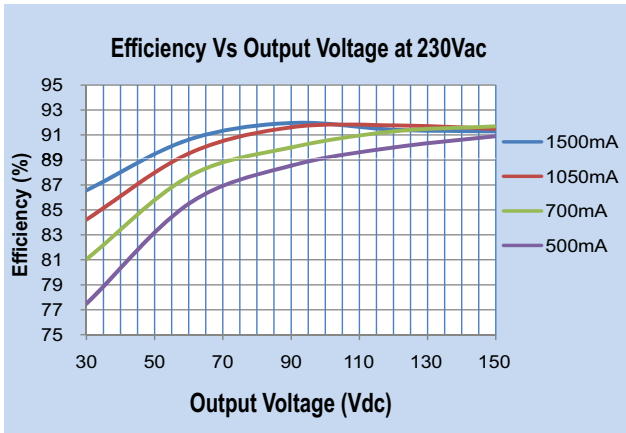


Figure 6

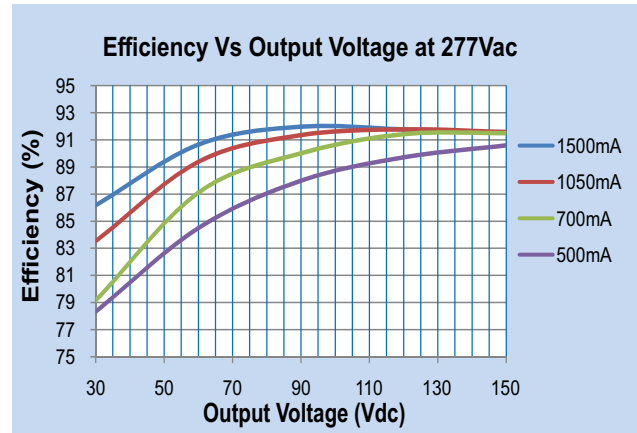


Figure 7

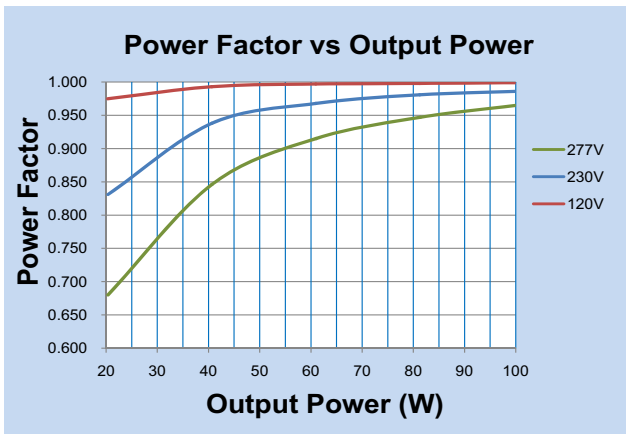
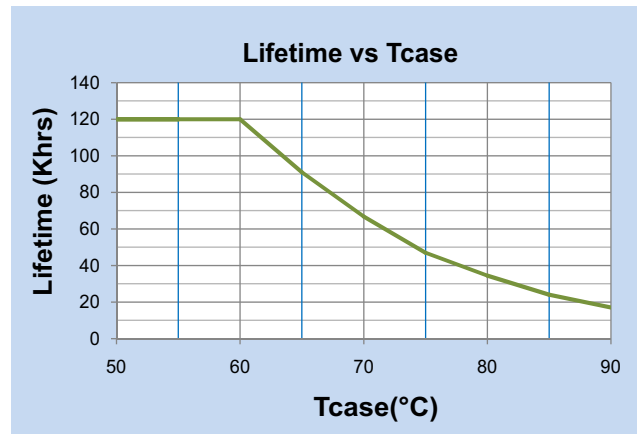


Figure 8



Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc74°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 9

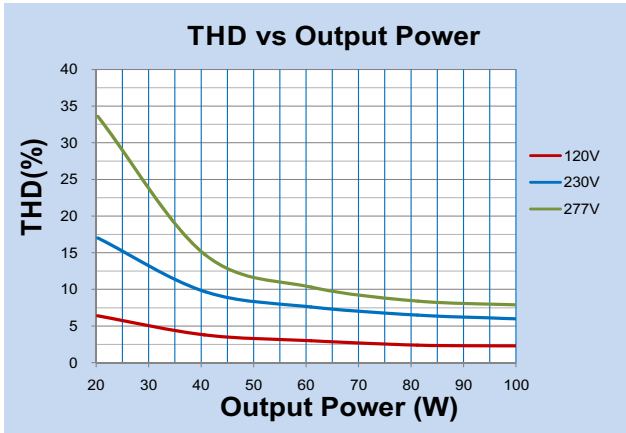


Figure 10

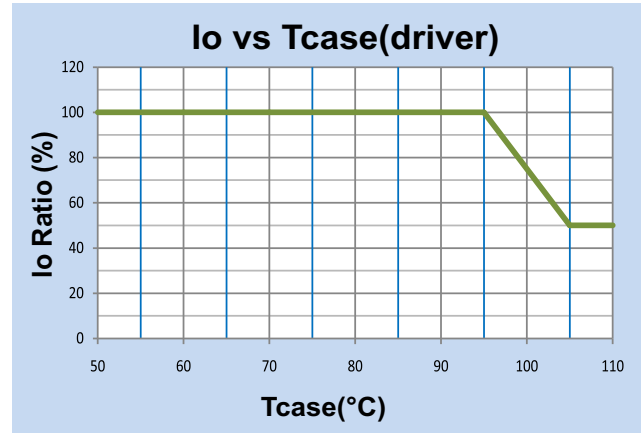
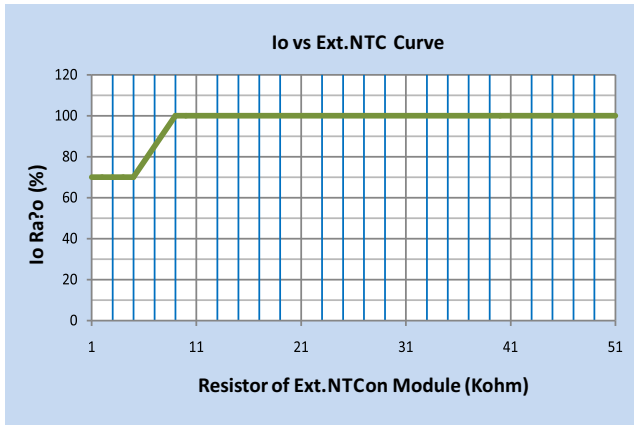


Figure 11



Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc74°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.



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

FCC ID:T1R1UNV150P100C

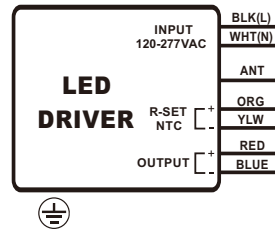
This device complies with Part 15 of the FCC Rules.

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) |



| OUTPUT SIDE | LENGTH |
|-------------|------------|
| RED | 13"(330mm) |
| BLUE | 13"(330mm) |

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

| Dimming SIDE | LENGTH |
|--------------|--------|
| WIRELESS | |

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.

