

- Programmable LED Driver
- Output Wattage: 40W
- Universal Voltage (120V-277V)
- CC Programmable 250-1500mA
- DALI Dimming
- Long Case and Wire
- Output voltage range of 10-57VDC
- IP65

### General Specifications

Input Voltage	120-277VAC, 50/60 Hz
Input Current	0.42A
Input Power	50W
Power Factor	>0.9
THD	<20%
Efficiency	85% Typical
Driver Type	Constant Current
Output Current	250-1500mA Programmable; See Label for Set Current; To Program R-set (Figure 1) or TPSB100 (Programmer); Record New Setting On 1" x 0.5" Label Factory Default Setting Is To The Lowest Output Current, Unless Custom Current Setting Is Requested By Customer
Output Voltage Range	10-57VDC (250-1500mA)
Output Power	40W Max.
Number of Output Channels	1 Channel
Dimming Controller Type/Dimming Range	DALI / 100%-1%, 0% (Figure 2, 3)
RFI/EMI	EN55015
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 10kV, Line & Neutral-Ground 10kV
Protections	Input Current Protection Output Short Circuit Protection Output Open Circuit Protection Output to Ground Short Protection Overload Protection Over Temperature Protection
Service Life	50,000 hours @Tc 85°C (185°F)
Approvals / Class	IP65, CE, ROHS, ENEC, SELV, REACH
Warranty	5 years

Figure 1

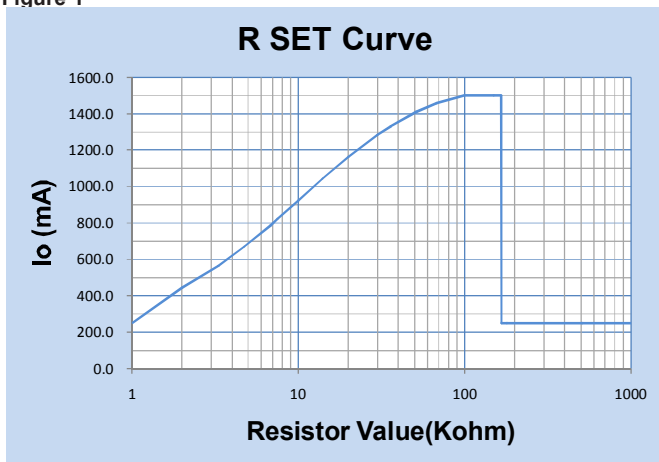
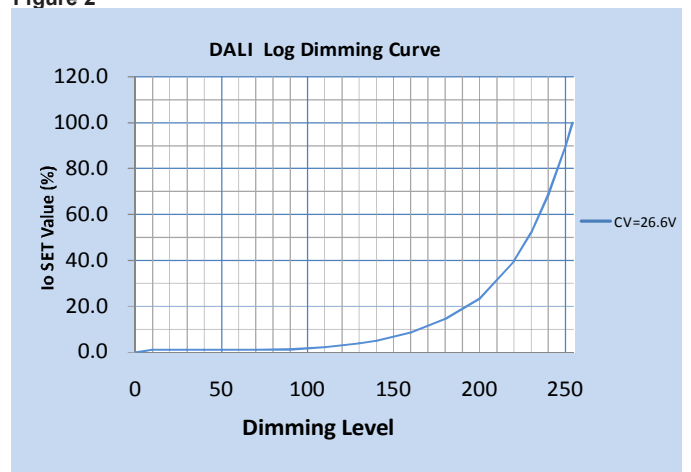


Figure 2



Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 85°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

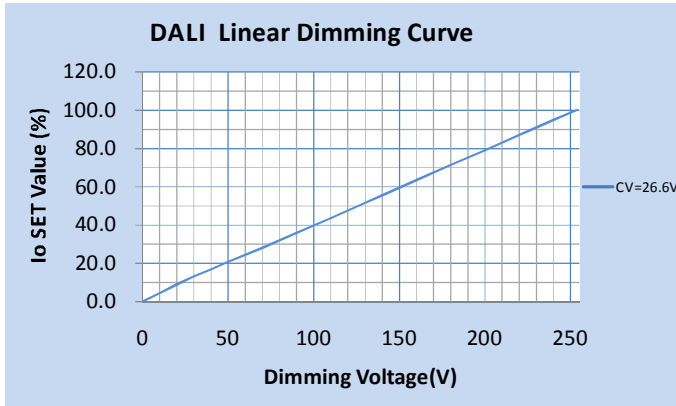


Figure 4

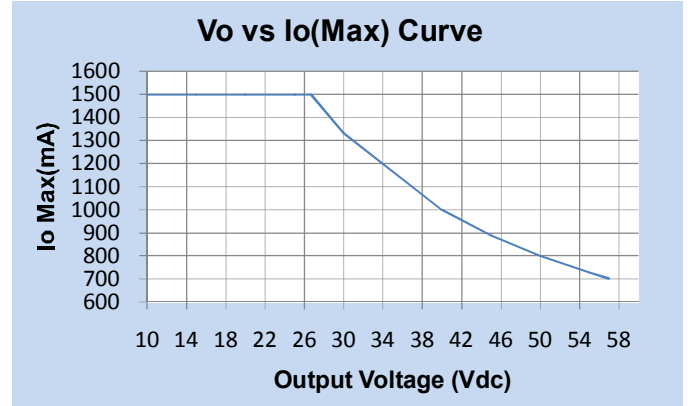


Figure 5

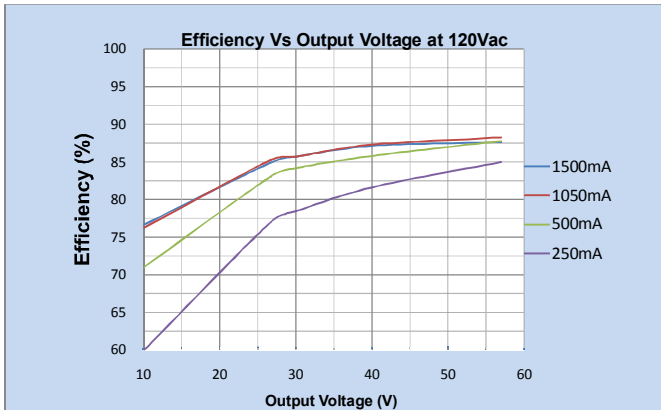


Figure 6

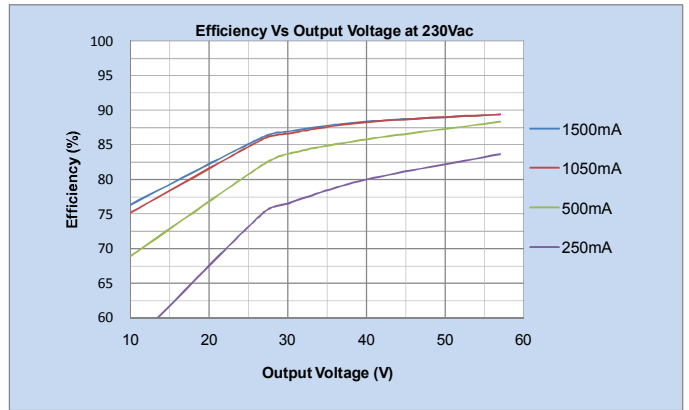


Figure 7

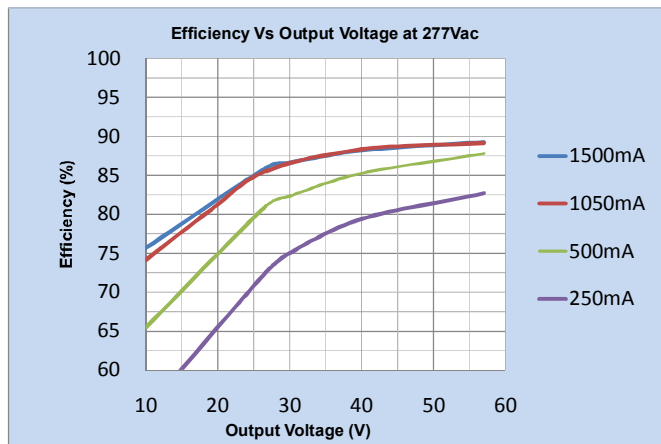
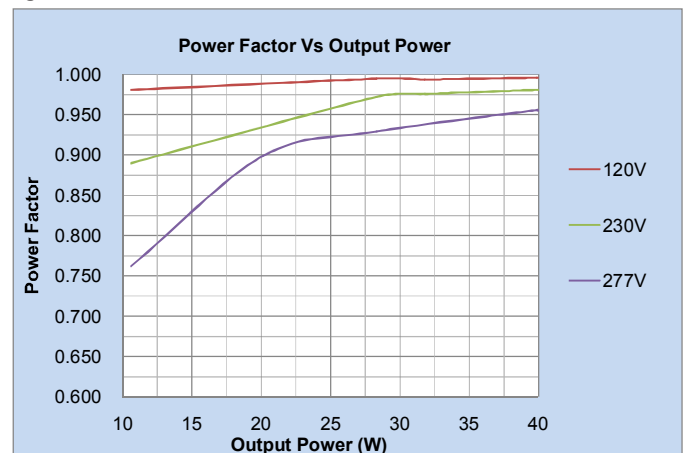


Figure 8



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Figure 9

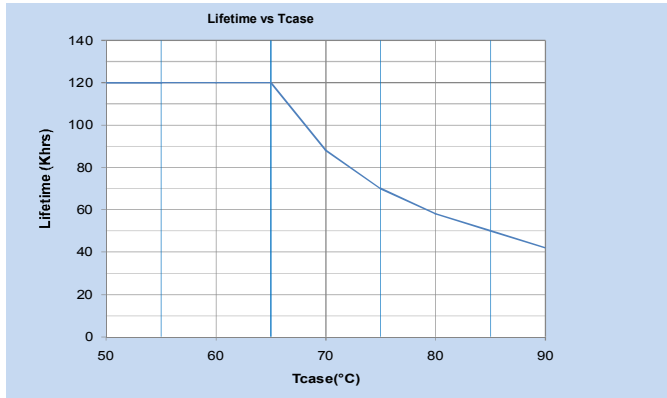


Figure 10

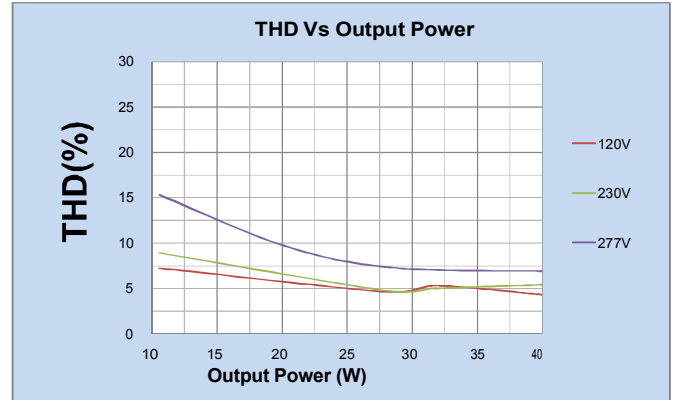


Figure 11

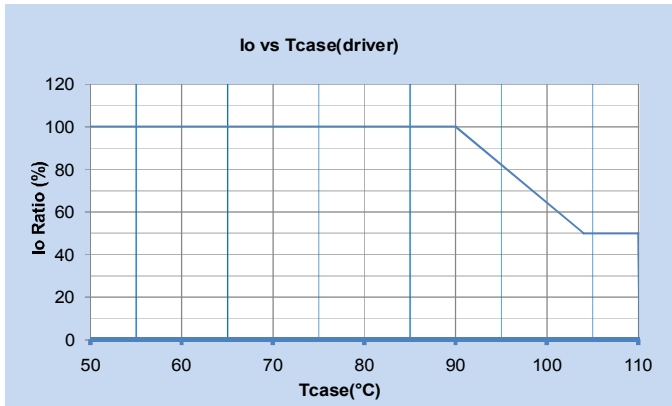
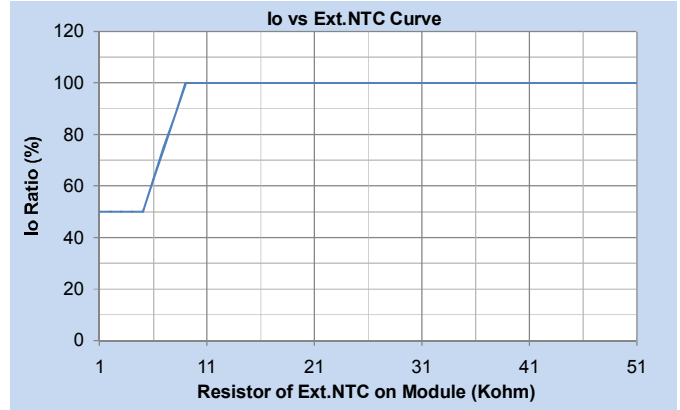


Figure 12

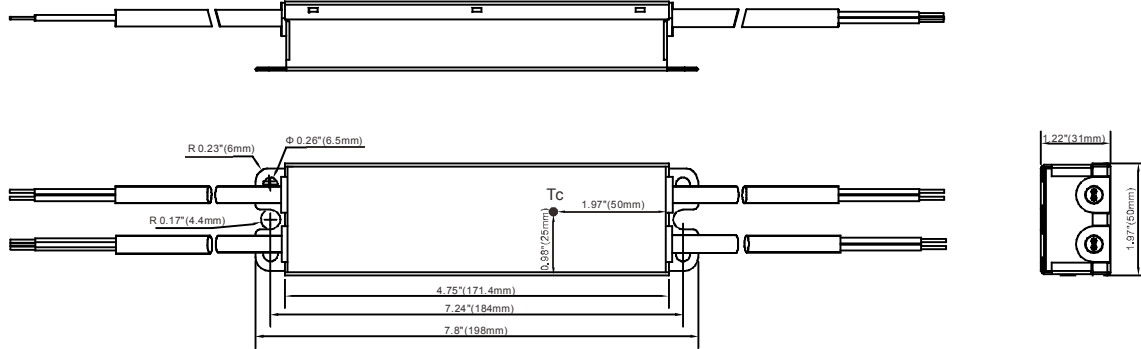


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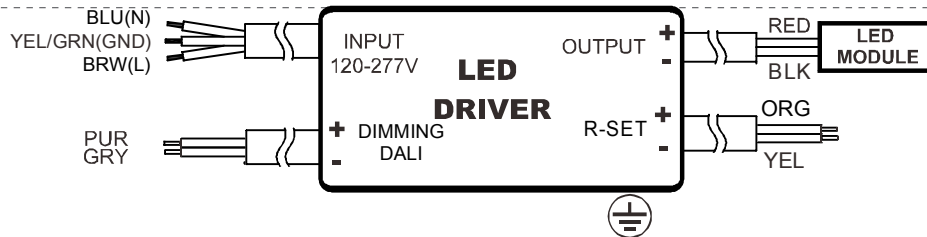
## Mechanical Data

### NOTE :

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



## Wiring Diagrams



INPUTSIDE	LENGTH
BRW&BLU&YEL/GRN	330mm[13"]
GRY&PUR	330mm[13"]

OUTPUTSIDE	LENGTH
RED&BLK	330mm[13"]
ORG&YEL	330mm[13"]

## TPSB-100 Programming Controller

Please consult the user manual for instructions on using the TPSB-100 SmartSet programming controller



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