**General Specifications**

- **Input Voltage:** 120-277VAC, 50/60 Hz
- **Input Current:** 1.83A
- **Input Power:** 220W
- **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:** 91% 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:** DALI / 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:** 81°C (177.8°F)
- **Sound Rating:** A
- **Input Surge Protection:** Line-Neutral 4kV, Line & Neutral-Ground 6kV
- **Runtime Counting of Every 10 Degrees:** Yes
- **Service Life:** 50,000 hours @ Tc 75°C (167°F)
- **Approvals / Class:** RoHS, UL LISTED, Class P, Type HL, IP65, FCC, ENEC, Dry and Damp
- **Warranty:** 5 years

---

**Figure 1**

![R-SET Curve](image1)

**Figure 2**

![DALI Linear Dimming Curve](image2)

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.

2017-704-1 REV A
Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 75°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.
Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 75°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.
NOTE:
1. This Driver Must Be Installed By A Licensed Electrician
2. This Driver Must Be Grounded

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.

Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 75°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.