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: TSM2A104JAS03RZ, 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)
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 Open Circuit Protection
Output to Ground Short Protection
Overload Protection
Over Temperature Protection

ID: 2AJ9L1R1UNV150P-100C

FCC
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 74°C (165.2°F)
Approvals / Class UL Listed, Class P, Type HL,FCC,Dry and Damp
Warranty 5 years

Figure 1

R-SET Curve

Figure 2

Wireless Linear Dimming Curve

Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 74°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.
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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
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.

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.

Specifications:

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<th>MECHANICAL DATA</th>
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<tr>
<td>INPUT SIDE</td>
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<tr>
<td>WHITE</td>
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<td>BLACK</td>
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| OUTPUT SIDE |
| BLUE | 13" (330mm) |
| RED | 13" (330mm) |

| Dimming SIDE |
| WIRELESS | Tolerance=±0.02" |

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