

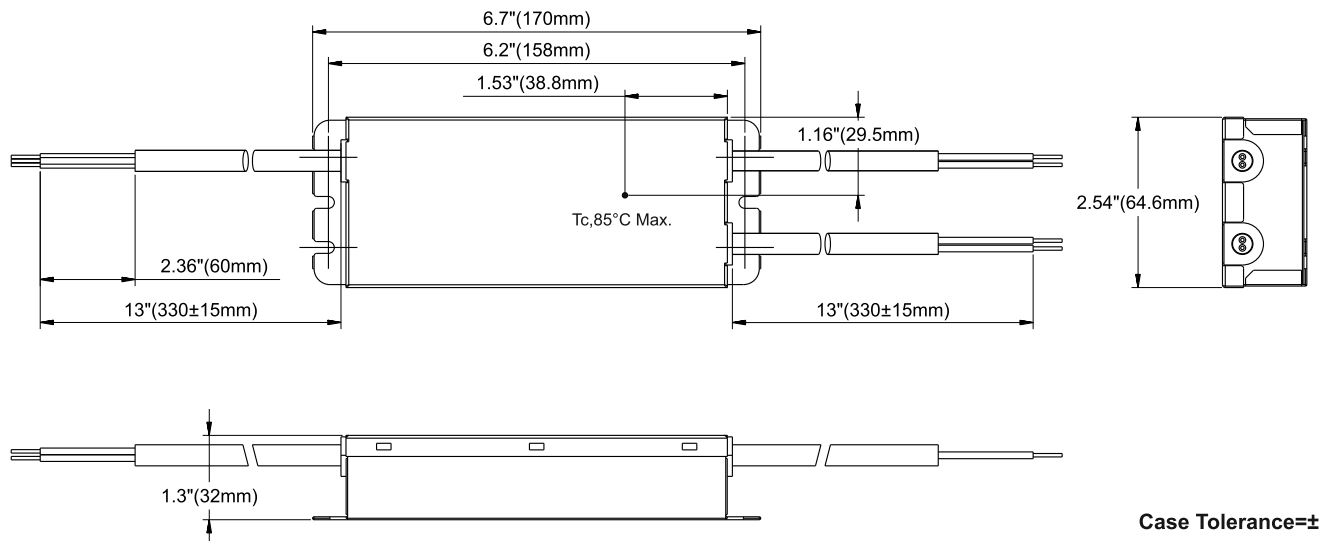
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|--|--|---|
| <ul style="list-style-type: none"> Built-in LED Driver U-OUT 60V IP 65 Dry and Damp Suitable for Class I luminaire | <ul style="list-style-type: none"> Universal Voltage: 120-277V~, 50/60Hz Output voltage range of 30-56V~ Output Power: 96W Max. Output Current: 700-2400mA | <ul style="list-style-type: none"> Programmable LED Driver 0-10V Dimming Customizable Dimming Curve Linear Case and Cable |
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This Driver Will Operate The Following LED Modules: Any LED module designed to accept input voltage range of 30-56 V~ and can operate up to current of 700-2400mA.

General Specifications

| | |
|---------------------------------------|--|
| Input Voltage | 120-277V~, 50/60 Hz |
| Input Current | 1A Max. |
| Input Power | 115W |
| Power Factor | >0.9 |
| THD | <20% |
| Efficiency | 88% Typical |
| Driver Type | Constant Current |
| Output Current | 700-2400mA Programmable; See Label for Set Current; To Program Use 0-10VDC (Figure 1) or TPSB100 (Programmer); Record New Setting On 1" x 0.5" Label |
| Output Voltage Range | 30-56V~ |
| Output Power | 96W Max. |
| Number of Output Channels | 1 Channel |
| Dimming Controller Type/Dimming Range | 0-10VDC / 100%-10% (Figure 1) |
| 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 | 85°C (185°F) |
| Sound Rating | A |
| Input Surge Protection | Line-Neutral 10 kV, Line & Neutral-Ground 10 kV |
| Protections | Input Current Protection |
| | Output Short Circuit Protection |
| | Output Open Circuit Protection |
| | Output to Ground Short Protection |
| | Overload Protection |
| Service Life | Over Temperature Protection |
| | 50,000 hours @Tc 80°C (176°F) |
| | Dry or Damp Locations |
| Warranty | 5 years |

Mechanical Data



Case Tolerance=±0.02"

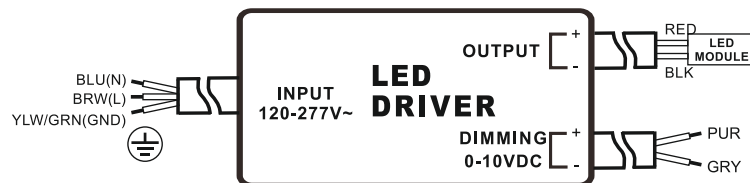
Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years from the date of manufacture when properly installed and operated under normal conditions of use. The usage of appropriate series connected Surge Protection Device (SPD) is required in high risk applications. For complete terms and conditions, please refer to the Warranty Center at www.fulham.com. Specifications subject to change without notice.

Wiring Diagrams 1

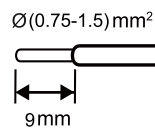


NOTE: This driver has six mounting holes, three on each side.
Need to mount four round holes or two semiround holes.

A Mounting the LED driver



| INPUT SIDE | LENGTH |
|------------|---------------|
| BLU | 13.0" [330mm] |
| BRW | 13.0" [330mm] |
| YLW/GRN | 13.0" [330mm] |



| OUTPUT SIDE | LENGTH |
|-------------|---------------|
| RED | 13.0" [330mm] |
| BLK | 13.0" [330mm] |
| PUR | 13.0" [330mm] |
| GRY | 13.0" [330mm] |

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

B Making the wire connections

Fulham Head Quarters:
Fulham Co., Inc
12705 South Van Ness Ave.
Hawthorne, CA 90250
Local: (323) 779-2980, Fax: (323) 754-9060

Manufacturer:
North China
Fulham Electronic Co. Ltd.
No. 9 Xingchang Road, Nanshao Zhen Changping Science Park, Beijing, P.R. China

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