

LET-151-12

SPECIFICATIONS

UL File Numbers

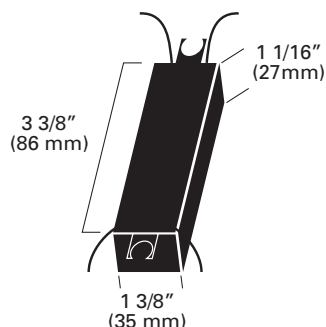
UL and C-UL Recognized
UL FILE # E 164062

Available Versions

901151012 - Standard Version
901151005 - Bottom Feed Version

Mechanical and Thermal

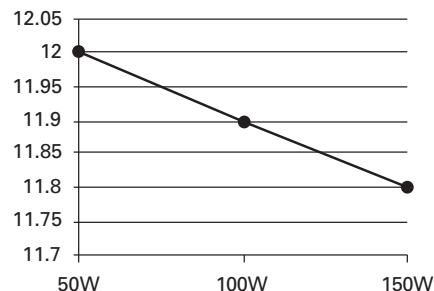
Dimensions (mm) 27 x 35 x 86
Weight 5.96 ounces/180 grams
Lead wire length 6"
Max. case temp. 90°C
Max. ambient temp. 35°C
Output wire-blue-14AWG 200°C
Input wire-white/black-18AWG 150°C
Aluminum casing
Waterproof potting



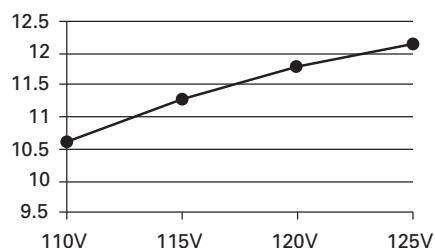
Electrical

Maximum load 150w
Minimum load 50w
Input 120V 60Hz
Output at max load 11.8V 30kHz
Input current at max. load 1.25A
Output current at max. load 12.56A
Power factor 0.985
Max. harmonic distortion 14.8%
Dimmable

Output Voltage vs. Load at 120V



Output vs. Input at Max. Load

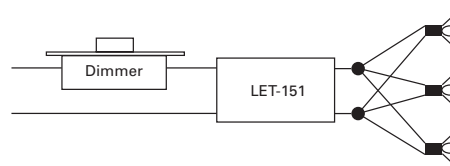


Protection

Auto-reset electronic short circuit and overload protection. Auto-Reset thermal cut-off @ 125°C.

R version includes Lighttech's patented overload and overtemperature auto-thermal regulation.

Wiring Diagram



LET-151-24

SPECIFICATIONS

UL File Numbers

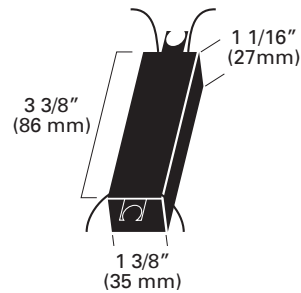
UL and C-UL Recognized
UL FILE # E 164062

Available Versions

901151030-Standard Version
901151025-With Dimming Loop

Mechanical and Thermal

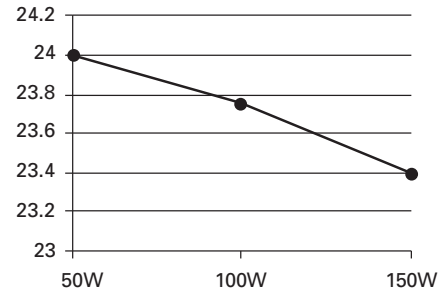
Dimensions 27mm x 35 mm x 86 mm
Weight 5.96 ounces/180 grams
Lead wire length 6"
Max. case temp. 90°C
Max. ambient temp. 35°C
Output wire-purple-16AWG 200°C
Input wire-white/black-18AWG 150°C
Aluminum casing
Waterproof potting



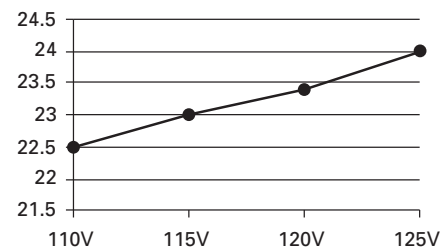
Electrical

Maximum load 150w
Minimum load 50w
Input 120V 60Hz
Output at max load 23.4V 30kHz
Input current at max. load 1.25A
Output current at max. load 6.3A
Power factor 0.985
Max. harmonic distortion 9%
Dimmable

Output Voltage vs. Load at 120V



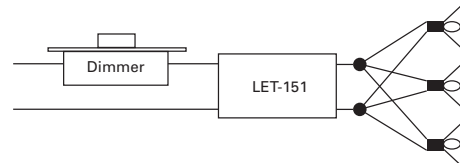
Output vs. Input at Max. Load



Protection

Auto-reset electronic short circuit and overload protection. Auto-Reset thermal cut-off @ 125°C.

Wiring Diagram



LVT-151 AC

SPECIFICATIONS

UL File Numbers

UL and C-UL Listed
UL FILE # E 164062

Available Versions

901151050-LVT 151 12V
901151170-LVT 151 24V

Mechanical and Thermal

Dimensions (mm) 36 x 38 x 165
Dimensions (in.) 1 3/8 x 1 1/2 x 6 1/2
Weight 0.86 lbs/390 grams
Lead wire length 6"
Max. case temp. 90°C
Max. ambient temp. 35°C
Output wire-blue-14 AWG (12V) 200°C
Output wire-purple-16 AWG (24V) 200°C
Input wire-white/black-18AWG 150°C
Grounding Wire-green-18AWG 105°C
Aluminum inner casing
Steel outer casing
Waterproof potting UL94V0

Electrical

Load 50-150W
Input 120V 60Hz
Output at 150W/12V ver. 11.8V 30kHz
Output at 150W/24V ver. 23.4V 30kHz
Input current at 300W 1.25A
Output current at 150W/12V ver. 12.56A
Output current at 150W/24V ver. 6.3A
Power factor 0.985
Max. harmonic distortion 12V 14.8%
Max. harmonic distortion 24V 9%
Dimmable



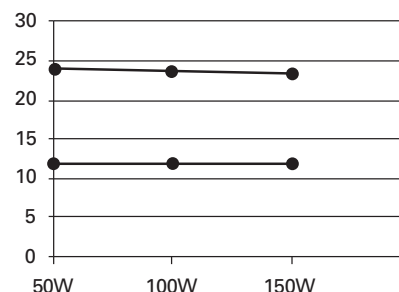
Inside the LVT



Power supply listed 7D 53

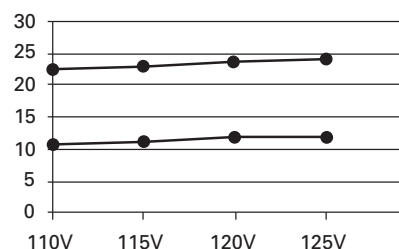
Output Voltage vs. Load at 120V

Top line -24V version Bottom line -12V version



Output vs. Input at Max. Load

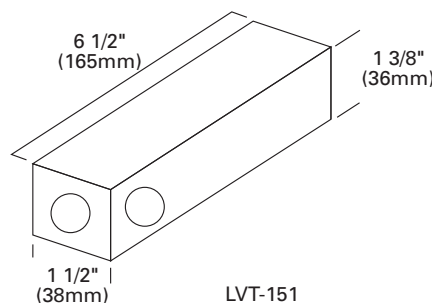
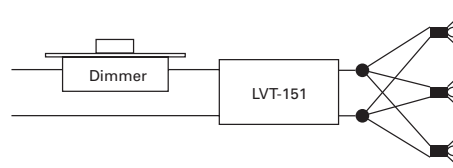
Top line -24V version Bottom line -12V version



Protection

Auto-reset electronic short circuit and overload protection. Auto-Reset thermal cut-off @ 125°C. Fuse on primary.

Wiring Diagram



LVT-151