

SPECIFICATIONS



Standards/Approvals

VDE and VDE-EMV pending
Transformer meets all CE standards
RoHS compliant

Available Version

901303240-24 – Standard version

Mechanical and Thermal

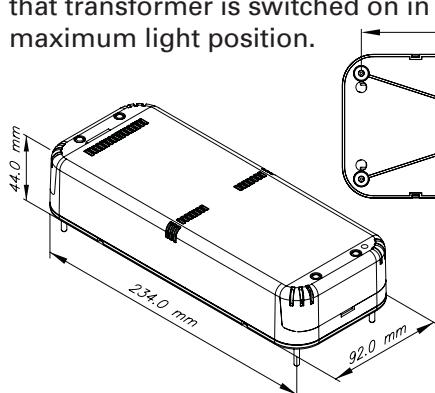
Dimensions (mm)	234 x 92 x 44
Weight	750 grams
Tc	80°C
Ta	45°C

Electrical

Maximum load	300w
Minimum load without dimmer	50w
Minimum load with dimmer	75w
Input	230-240V 50/60Hz
Output at max load	22V DC
Input current at max. load	1.25-1.3A
Output current at max. load	12.5A
Power factor	0.999
Max. harmonic distortion at full load	4%
Dimmable with leading and trailing edge dimmers	
EMC up to 12m as per EN55015	
Safety as per EN 61046	

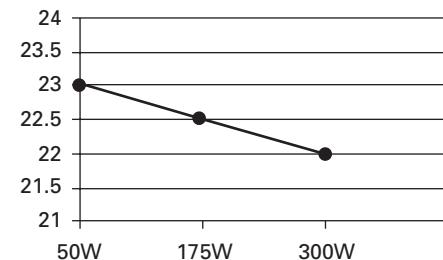
Dimming

Transformer is virtually noiseless when operating with most types of dimmers. Transformer furthermore does not create any noise in filaments during dimming when operating with most types of dimmers down to 20% of maximum light output. We recommend that transformer is switched on in maximum light position.

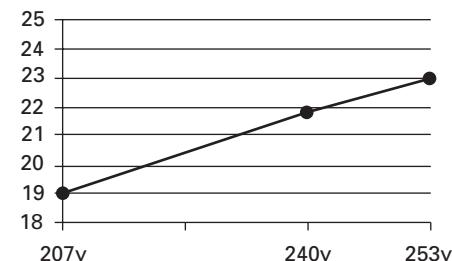


LET-303-24V 240V DC

Output Voltage vs. Load at 240V



Output vs. Input at Max. Load



Protection

Short Circuit Protection:

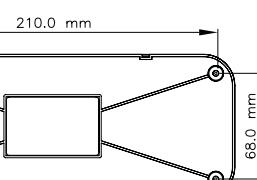
Highly sensitive manually resettable electronic short circuit protection to meet standards for open conducted systems. Detection time below 1 msec. Will shut off short circuit caused by 34AWG wire @ min load @ 12m.

Overload Protection:

The overload starts at 12.5A and regulates output current to 12.5A for any overload condition above 300W.

Thermal Protection:

Self dimming if ambient temperature next to transistors moves above 85°C.

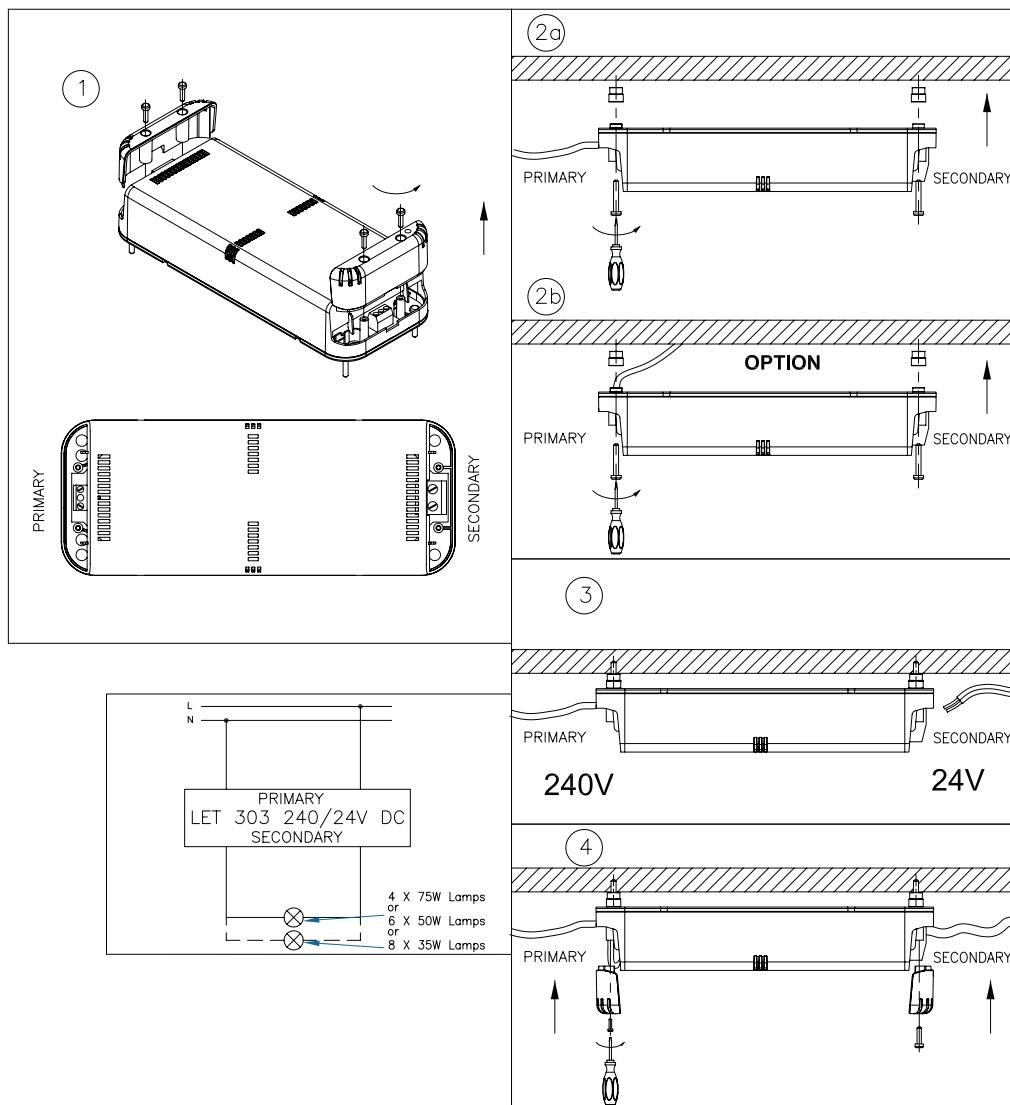


See reverse side for more information →



LET-303-24V 240V DC

Mounting Instructions



Safety Instructions:

1. Please note national installation regulations.
2. The measurement of secondary voltage can only be done with suitable measuring instruments.
3. Wires diameter:
Primary – 0.75mm²
Secondary – 3.3mm².