

LET-303-12V 230V DC LET-303-12V 240V DC

SPECIFICATIONS

Standards/Approvals

VDE and VDE-EMV approved
Transformer meets all CE standards

Available Versions

901303230 – Standard version
901303240 – Standard version

Mechanical and Thermal

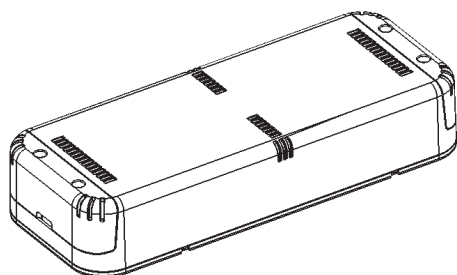
Dimensions (mm)	235 x 93 x 45
Weight	750 grams
Tc	80°C
Ta	45°C

Electrical 12V Version

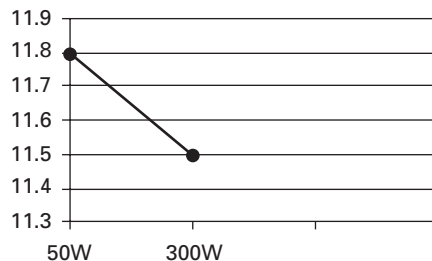
Maximum load	300w
Minimum load without dimmer	50w
Minimum load with dimmer	75w
Input	230-240V 50/60Hz
Output at max load	11.5V DC
Input current at max. load	1.25-1.3A
Output current at max. load	25A
Power factor	0.999
Max. harmonic distortion at full load	4%
Dimmable with leading and trailing edge dimmers	
EMC up to 12m as per EN55015	
Safety as per EN 61046	

Dimming

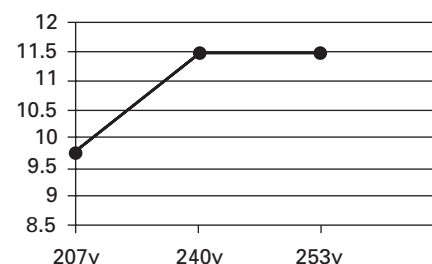
Transformer is virtually noiseless when operating with most types of dimmers. Transformer furthermore does not create any noise in filaments during dimming when operating with most types of dimmers down to 20% of maximum light output. We recommend that transformer is switched on in maximum light position.



Output Voltage vs. Load 12V Version



Output vs. Input at Max. Load 12V Version



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 25A and regulates output current to 23A for any overload condition above 300W.

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

