

TOP LF - Dimmable LED Transformer - T60LF

LED Bulbs

60
Watt

PF
 $\lambda \geq 0,95$

C

IP 20

CE

EMC

M

M

F

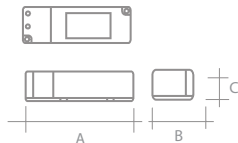
EQUIV.
SELV

47 mm

AC/DC

$t_a -10^{\circ} \div +40^{\circ}C$

For both Halogen and LED 12V AC lamps (bulbs)



JLEDS is an official Distributor for the QLT TOP LF (T60LF) LED Dimmable transformer

Part Number	Vin	Vout	W	Dimensions A x B x C
A10TLF00000B (T60LF)	230V	12V AC 20KHz	1 ÷ 60	124 x 37 x 28



Traditional electronic transformers have huge limitations when used with power LED bulbs:

- Reduced cable length to limit voltage drops
- Problems related to the compatibility of poorer quality light bulbs with the high frequency of the electronic transformer
- Difficult regulation of the luminous flux limited to models suitable to be dimmed

The TOP LF transformer has been specifically designed to be compatible with all LED bulbs. Its main features are:

- No minimum load
- Operation at a lower frequency, 24KHz, compared to traditional electronic transformers
- Reduced voltage drop, therefore the possibility of using longer cables
- Compatibility with all LED bulbs
- High power factor > 0.95
- Regulation on the primary also with not specifically dimmable bulbs
- Short circuit protection

Radio interference: inadequately filtered LED bulbs can compromise the levels of radio interference in the system.



ELECTRONIC TRANSFORMER specific for LED bulbs

- Independent transformer - IP20 - Insulation class II.
- Light regulation using "trailing edge" dimmers (IGBT) on primary side (possible regulation of min.)
- Protection against mains overvoltages (spikes) - Protection against short circuits - No minimum load
- Can drive any LED bulb and halogen bulb 12VAC
- High power factor and low heating with halogen bulbs and LED bulbs with high power factor.
- 0,70 power factor with LED bulbs with low power factor.



TRASFORMATORE ELETTRONICO specifico per Lampadine LED

- Trasformatore indipendente - IP20 - Classe II d'isolamento.
- Regolazione della luminosità con dimmer IGBT lato primario (minimo regolabile)
- Protezione contro le sovratensioni di rete - Protezione al cortocircuito - Assenza di carico minimo
- Alimenta qualunque tipo di lampadina a LED e alogena 12V AC
- Alto fattore di potenza e bassi riscaldamenti con lampade alogene e a LED rifasate
- Parziale rifasamento (0,70) con lampadine a LED non rifasate.