The design has been developed to drive a TL fluorescent lamp up to 58 W. It is composed of two sections: the PFC, using the L6561 controller, and the ballast, based on the L6574 (see Figure 13 and Figure 14). The application is provided with a current feedback that can be used to control the power (and, if necessary, the dimming function) by varying the switching frequency during normal burning of the lamp. The application is also provided with a safety circuitry that acts activated when an open load or faulty ignition of the lamp is detected.