**Smart Lamp**Features:

1. Normal Mode
2. Music Mode
3. Sleep Mode
4. Automate Mode
5. Random Mode
6. Shutdown Option

Menu Operation: Navigate through different Modes using a pushButton (B0)  
Activate an operation when in a Mode using pushButton B1.

B1 is also used to return from Sleep Mode.

B0, B1 can be both used to return from Power Saver Mode.

Device fells into Power Saver Mode automatically after 30 seconds of inactivity. Screen display goes off but execution of the program continues.

Device goes to Deep Sleep State if timer of Sleep Mode expires or if user chooses to shut down. In Deep Sleep State program’s execution stops and only B1 is being monitored in order to wake up.

The Smart Lamp is also equipped with a LCD screen. Messages are printed in order to help user to operate it.

**Modes**

Normal Mode: Choose between three different levels of brightness (High, Mezzo , Low), or turn it off.

Music Mode: Light in accordance to the music playing

Sleep Mode: Specify a time value (in minutes) after which Lamp is going to fell in Deep Sleep. If this operation is already triggered time remaining till deactivation is displayed.

Automate Mode: Light on/off automatically depending of the level of brightness in the room (Low brightness Lamp goes On and the opposite).

Random Mode: Light on with random brightness and for random duration

Shutdown Mode: Deactivates the Smart Lamp.