



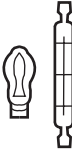
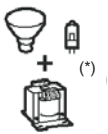
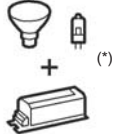
# Belanko™ 6170 31

- Dimmer 1000W (230V)-500W(127V) Rotary



- Utilization

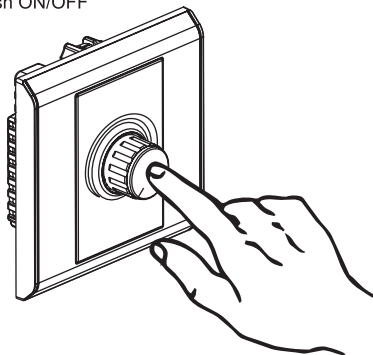
**N.B:** These values to be reduced by 20% per temperature band of 10°C above 25°C.

|  |   |   |   |  |       |
|--|---|---|---|--|-------|
| <br>25°C<br>230Vac<br>127Vac<br>50Hz/60Hz | 1   | 2   | 3   | 4  |       |
|  |  |  |  |  |       |
| 230Vac   | Max   | 1000W   | 1000W   | 1000VA   | 600VA |
|  | Min   | 60W   | 60W   | 60VA   | 60VA  |
| 127Vac   | Max   | 500W  | 500W  | 500VA  | 300VA |
|  | Min   | 60W   | 60W   | 60VA   | 60VA  |

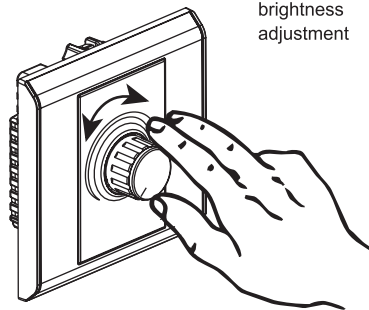
(\*) Use only transformers which are intended for use with an electronic switch.

- Operation

Push ON/OFF



Rotate  
brightness  
adjustment



Important: Brightness can only be controlled via the dimmer

**Important:**

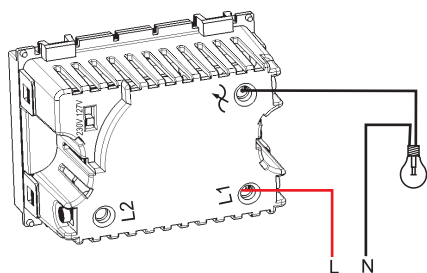
Transformer losses should be taken into account in the power calculation.  
Transformers should be loaded to more than 60% of their capacity.

**Important:**

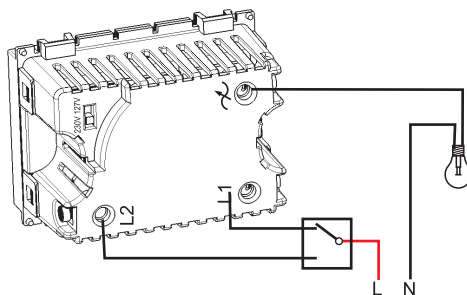
If the wiring diagrams are not complied with, or if the values shown in the table are exceeded (voltage, power, temperature, frequency), or if the power is too low and causes the light to blink, the fitting could be severely damaged.

• Wiring

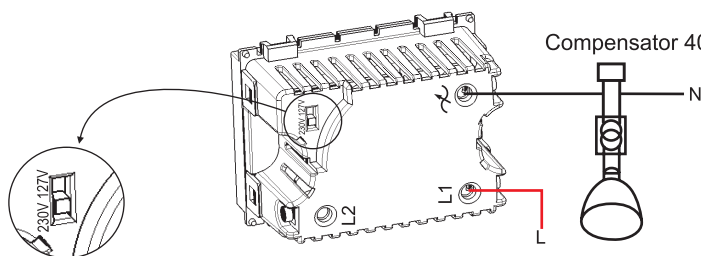
1 way connection (sketch 1)



2 way connection (sketch 2)



Extra low voltage halogen (sketch 3)

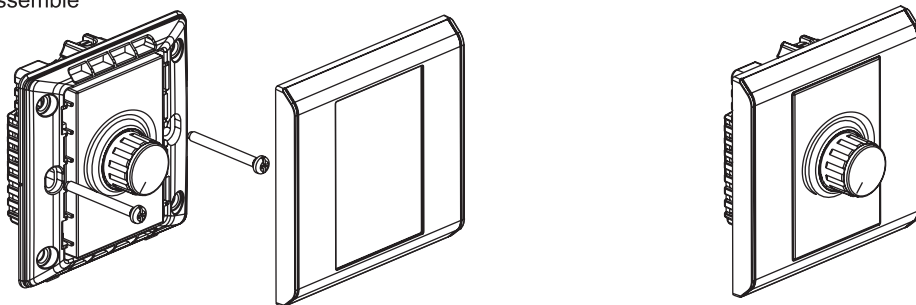


For Extra low voltage halogen sources with ferromagnetic transformer, if the dimmer is noisy, use a compensator.

**Important:**

There is a rated voltage converting switch on the upper right of base and the factory setting is indicating "230V". When the rated voltage is 127V, push the switch on the right where it is indicated "127V".

• Assemble



 Safety instructions

This product should be installed in line with installation rules, preferably by a qualified electrician. Incorrect installation and use can lead to risk of electric shock or fire.

Before carrying out the installation, read the instructions and take account of the product's specific mounting location.

Do not open up, dismantle, alter or modify the device except where specifically required to do so by the instructions. All Legrand products must be opened and repaired only by personnel trained and approved by Legrand. Any unauthorised opening or repair completely cancels all liabilities and the rights to replacement and guarantees.

Use only Legrand brand accessories.