

BEFORE YOU START:

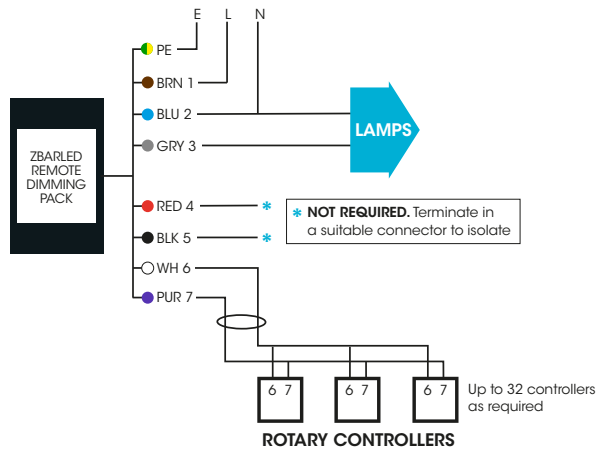
- The **VA rating of the lamp/load**, and the **total inrush current** need to be calculated using the specifications provided by the lamp/fitting manufacturer.
- Select the appropriate dimmer based on total load and inrush calculations.
- Do not use lamps with a power factor of less than 0.8
- Due to some lamp/loads not taking their current in a sinusoidal waveform, further derating may be required. If you are unsure please contact us.

Installation must be carried out by a qualified electrician. For optimum performance the dimmer must be programmed.

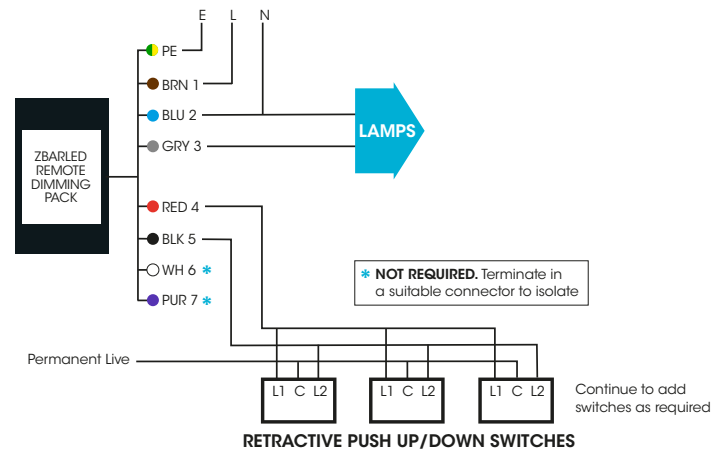
ZBARLED300 / ZBARLED1000

Multi-point dimming made easy

WIRING WITH ZANO ROTARY CONTROLLERS



WIRING WITH RETRACTIVE PUSH UP/DOWN SWITCHES



INSTALLATION

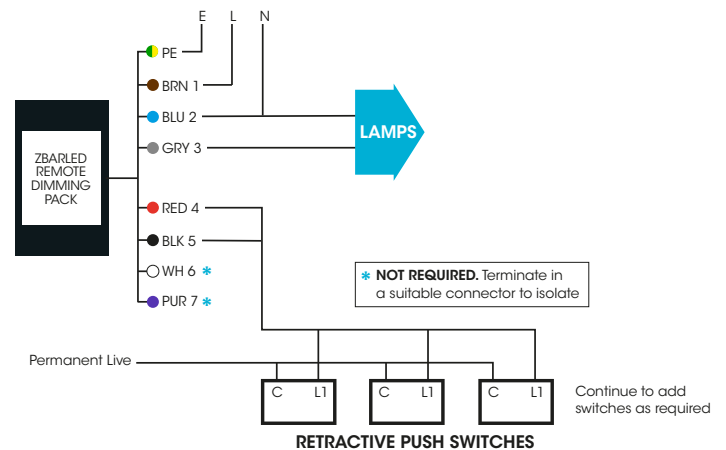
NB: Installation must be carried out by a qualified electrician

- Isolate the supply.
- Decide on a suitable location for the dimmer pack with adequate ventilation and ensure the dimmer is mounted away from insulation.
- If multiple units are mounted within close proximity, ensure a 15mm gap between units.
- Commence connections as per appropriate wiring diagrams and in accordance with the relevant wiring regulations.
- Incorrect wiring may result in product failure and / or irreparable damage to the product.

SPECIFICATIONS

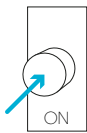
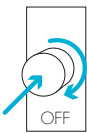
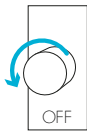
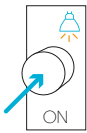


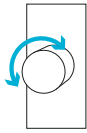

PART NO.	ZBARLED300	ZBARLED1000
DESCRIPTION	IN-LINE REMOTE DIMMING PACK	
LAMP TYPE	ANY MAINS DIMMABLE LAMP	
MAX WATT	300W / VA	1000W / VA
MIN WATT	0W / VA	0W / VA
SIZE	125 X 51 X 34MM	

WIRING WITH RETRACTIVE PUSH SWITCHES



ROTARY CONTROLLERS: PROGRAMME LIGHT LEVELS WITH SMART SETTINGS

NB: You have 30 minutes to programme once mains power is turned on.

- | | |
|---|--|
|  <p>1 Turn on the controller.</p> |  <p>2 Turn controller fully clockwise then press to turn off.</p> |
|  <p>3 While off, turn the controller fully anti-clockwise.</p> |  <p>4 Press to turn on. The lights will now flash to indicate that you are in programming mode.</p> |
|  <p>5 Turn controller clockwise to bring on the lights and choose your desired minimum level.</p> |  <p>6 Let go of the controller and wait for a flash. The minimum level has now been set.</p> |
|  <p>7 Turn controller to the desired start level.</p> |  <p>8 Let go of the controller and wait for a flash. Your dimmer is now programmed and ready to use.</p> |

NB: All settings will be retained even in the event of a power cut. To reset, turn mains power off and wait 10 seconds. Then switch the power back on and start the programming sequence again.

RETRACTIVE PUSH UP/DOWN AND RETRACTIVE PUSH/BUTTON SWITCHES

SETTING THE MINIMUM LEVEL PRESET

Check the unit is functioning by turning on the lights and dimming up and down a little.

1. Dim down until the light level reaches the minimum or goes off. Keep dimming down continuously for a further 20 sec.
 2. The lights will flash to indicate programming mode has been selected.
 3. Change the light level to the required minimum level and wait for a flash (5 sec after last change)
 4. Change the light level for the required start level. This may not be required. Wait for a flash to indicate that the value has been saved. (5 sec after last press.)
 5. Programming is now complete and normal operation is resumed.
- If the settings require changing then start the process again.**

PRODUCT OVERVIEW

The ZBARLED will dim a variety of loads, primarily LED, but also CFL, LV and Tungsten. Control of the unit can be made via a Zano rotary controller, or different types of retractive switches. Up to 32 rotary controllers can be connected in parallel to one ZBARLED. Several ZBARLED units can be connected together to deal with even larger loads. Please note that when dimming your lights with multiple rotary controllers the light levels are adjusted from the last level selected at that switch point.

CONTACT OUR FRIENDLY TEAM

Call: **0345 519 5858**

Email: sales@zаноcontrols.co.uk

www.zаноcontrols.co.uk

Zano Controls, Units 1&2 Chantry Court, Wrythe Lane, Carshalton, Surrey, SM5 2D

GUARANTEE

For lamp test results and our full terms and conditions please see our website: www.zаноcontrols.co.uk