

TYPOGRAPHY

WALL LIGHTS

INSTALLATION INSTRUCTIONS

Rakumba

SKU - RP-E-1803-1807-W

REVISION 22.08.18

REVISED BY: DT

1 Determine how many lights will be powered by a single driver, noting individual light power requirements (refer light data sheets) and total power available from the driver (75W standard, 150W if custom order). Check order details for any specific instruction.

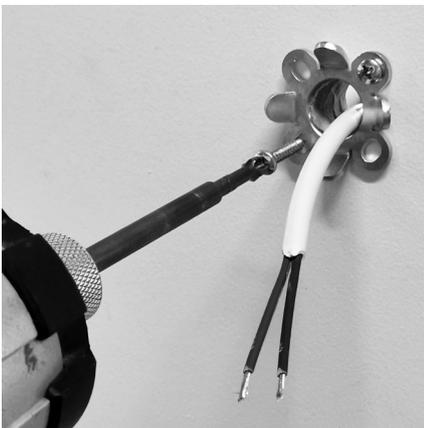
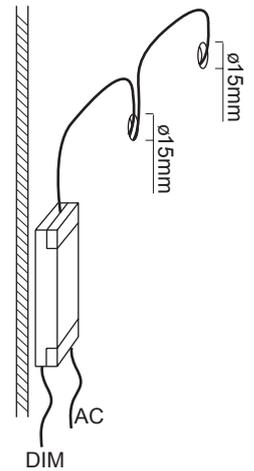
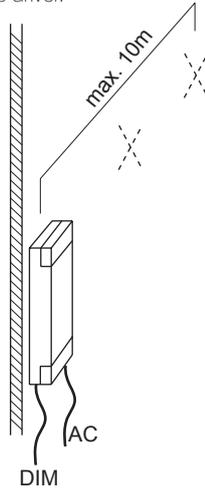
2 For each light (or set of lights), install supplied 48VDC low voltage driver inside wall cavity, up to 10m away from intended position of furthest light. If dimming is intended, connect dimming signal lines into this driver. Connect mains power into this driver.

3 Route wiring inside the wall from the 48VDC output of the driver to each light location - this must be in Parallel, so that each light receives full 48VDC. Bring the wiring out of the wall through a maximum Ø15mm hole.

4 Each light has a silver 4-lobed bracket inside the circular wall mount. Remove the bracket by loosening the two side grub screws, then fix this bracket to the wall around the wiring hole, with a minimum of two fasteners, (ensure these are suitably load bearing for the substrate). When mounting to the wall, ensure orientation of the bracket will align the light as desired.

5 Connect the light wiring to the low voltage wiring coming from the driver and out of the wall (polarity non-critical). Ensure this termination is small enough to be pushed back through the 15mm hole.

6 Push the circular wall mount back over the silver bracket, and the two side grub screws can then be firmly tightened onto the ramp sections of the bracket, to pull the light tightly against the wall.



TROUBLESHOOTING

Issue 1: No lights in a shared circuit are illuminating.

Potential Resolution: Mains power may have been incorrectly connected directly to the lights without the low voltage driver. Do not touch any part of the system and immediately unpower the system to prevent danger. Check if this was the issue - if yes, all lights that were connected must be retired or returned for repairs, as the internal components may be damaged and unsafe.

Potential Resolution: Power is not correctly connected to the driver, lights, or the dimming system is incorrectly setup. Check wiring.

SAFETY PRECAUTIONS

- The installation must be performed by a licenced electrician.
- The wall lights all receive low voltage from a driver. NEVER connect mains power directly to a light.
- WARNING: Always ensure the system is unpowered before installing, removing, or modifying the positioning of a light. Ensure power is truly switched off, and the lights are not merely de-activated via dimming control.
- Please refer to individual light Data Sheets for specific power and installation restrictions before commencing works.
- Modification of any fixture that is not clearly stated or intended may void warranty or result in unsafe situations.
- Rakumba Lighting will not be held responsible for any damage caused by improper installation or assembly.