

Installation Guidance Notes

Installation notes - Find a suitable location for driver and ensure the correct type of cable has been fed between the driver and the location of where the light fitting will be installed. All electrical work must be carried out by a qualified electrician.

Installation – For recessed light fittings: Check the cut out dimensions for the fitting on the specification sheet and cut an accurate hole to house the light fitting. Ensure the thickness of where the light fitting is to be housed is not under the minimum stated on the specification sheet. Depending on access, the cable can be connected to the fitting before being pushed into place. If there is access to the rear of the fitting, connection can be made after pushing it into place.

For surface mounted light fittings: Ensure the light fitting is firmly secured to the surface. As with recessed fittings the connections can be made before or after mounting depending on access. Connect the other end of the cable to the driver.

Driver – Use a driver that is suitable for the light fitting or fittings you are installing. Do not switch on power to the driver without also connecting to the light fitting or fittings. Check the driver specification sheet for maximum distances to the light fitting and for how many fittings can be driven from each driver. Multiple drivers can be connected together to operate in unison by the means of sync cables. Joseph Read can recommend and supply suitable drivers.

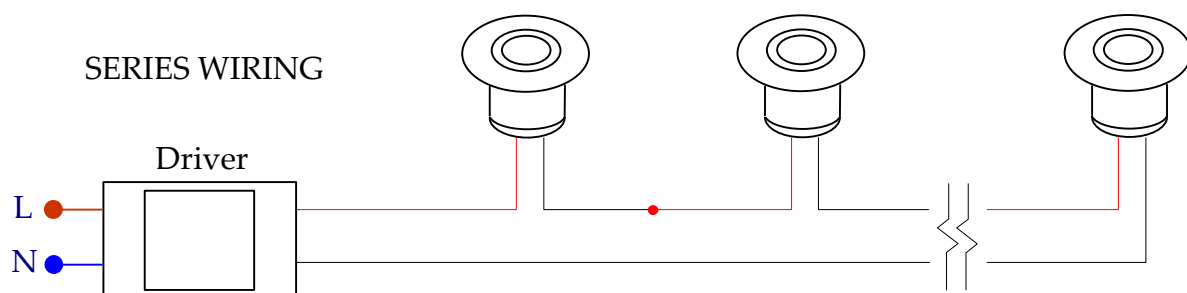
Fire hoods and fire boxes – Refer to current building regulations for what type and when fire hoods and fire boxes are to be used. Joseph read recommends the use of fire boxes. Do not cover with insulation.

Recess depth – Check the product specification sheet for the minimum thickness of the material where the fitting is to be situated.

Dimming – 1-10v or DMX dimming may be possible. Check the product specification sheet if dimming is possible. Joseph Read can recommend and supply various options for dimming.

Wiring – Joseph Read take no responsibility for the incorrect wiring of our products. Check the product specification sheet for the type of wiring required for the fitting you are installing, pay particular attention to whether the product is to be wired in series or parallel. To avoid a voltage drop a calculation to establish the correct cable thickness can be made using the calculating tables within the current IEE Wiring Regulations.

Wherever possible Joseph Read have included all information. No responsibility will be accepted by Joseph Read for incorrectly installed products. All electrical work is to be carried out by a qualified electrician and responsibility for any decisions will remain with the installer.



For the maximum number of fittings that can be connected to a single driver and the maximum cable lengths between the driver and the fittings please consult the driver specification sheet.

Multiple drivers can be connected together to operate in unison by the means of sync cables.