



## FEATURES

## SPECIFICATIONS

- Voltage drop can occur over a long length of LED run
- Amplifiers allow LED runs to exceed 7 metres with uniform illuminance.
- More than 40 modules may have a noticeable loss of brightness.
- The use of Amplifiers allows virtually unlimited lengths from one controller.
- Voltage drop occurs over long lengths of LED ribbons and module chains.
- An Amplifier at the end of a long run will enhance the brightness at the end and will ensure that the starting elements suffer no light loss when further ribbons and/or modules are added after the amplifier.
- The power supply to the amplifier should be in keeping with the total wattage of the additional elements.
- The elements and amplifiers can be fed from the same power supply driver if it is of a satisfactory wattage.
- The physical layout of the LED elements will also determine use of one or multiple drivers and amplifiers.
- The use of multiple drivers without amplifiers foregoes the advantage of a single controller, which keeps the installation running in sync, so where effect modes are required this may need to be thought through carefully.

Technology field: LED