

TRACK LIGHTING

Track lighting is an innovative and modern way of installing multiple lights from a single live feed. The versatility of the system ensures that you remain in control and create a scheme that works for you. Track lighting can be the perfect solution for different lighting scenarios; for example a unique shaped room or within a shop display. It is an effective way to illuminate commercial spaces, but equally can work just as well within a residential scheme.

Astro Track spots can be easily moved along the track to suit the scene. A simple twist and lock mechanism releases and fixes the spotlights to the track, resulting in a quick and easy way to change positioning without the need for rewiring or re-installation. The complete Track lighting system is available in either a matt black or white finish with both GU10 and LED variants offered. If a GU10 lamp is required, the Ascoli Track

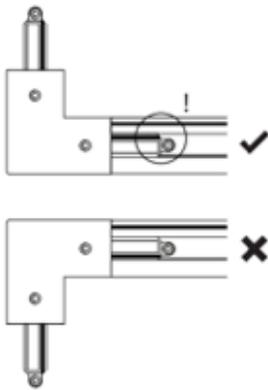
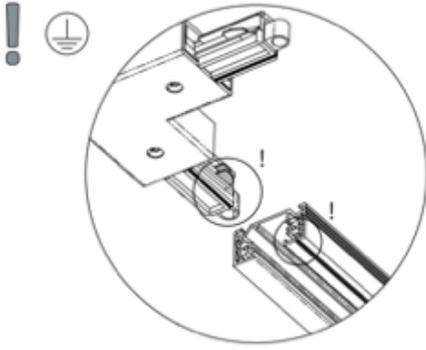
spotlights make for a versatile fitting with interchangeable lamps. Alternatively, the Can range is offered in various sizes and uses the latest LED modules, therefore not requiring an additional driver, as everything is built into the spotlight itself. Can spotlights can be dimmed using a phase dimmable leading/trailing edge switch and are supplied with an optional honeycomb glare guard.

SPECIFICATION

To fully understand how a track lighting circuit works, it is important to know a few important basics:

1. All of our track spotlights, track pieces and connectors are Class I. This means that the products rely on an earth wire for protection and that the earth continuity must be followed through the track circuit. Our online builder tool is already equipped with this knowledge and will not let you choose an incorrect piece/accessory. However, when your track pieces arrive, it is important to follow the earth connection and make sure it is always in the correct place, otherwise the circuit will not work. There is a visible groove that will make this more obvious when installing.





2. The Astro track system is single phase which means that all light sources on the track are controlled together in one circuit. All spotlights on the track will be switched on and off and dimmed at the same time.
3. Each track piece can be cut down to a desired length using a cutting blade appropriate for metal. The cut must be made perpendicular to the track for the connections to fit. Our online configurator works so that you are able to set the track to your desired length, but please be aware that we will not cut the track for you and this will need to be done after delivery. The tool will calculate whether or not the offcuts can be used elsewhere within the configuration and will do this where possible to reduce cost and wastage.
4. There is a maximum power (W) per track circuit that you will need to adhere to and once you have exceeded this power, you will need to add a central live connector or end the circuit. The maximum power (W) value is 3120W @ 240V (UK) or 2860W @ 220V (EU). This is a large amount of luminaires so you may find that you never reach this value, but it is worth bearing in mind when you start to add products to your track system. The total power (W) can easily be calculated by finding out the wattage of the spot you plan to use and multiplying by the number of spots you are using per circuit e.g. 6 x Can 50 rated at 7.7W's = 46.2W total. In the case of the Ascoli Track, please use the rated power (W) of the lamp you have specified and not the max rating of the product. For example: 6 x Ascoli Track with 6 x 6W rated LED GU10 lamps = 36W. The length of your track will rarely be an issue due to negligible voltage drop, but please contact a qualified electrician if you are concerned or unsure of the potential voltage drop for your circuit.
5. If you are located outside of the UK, we would recommend you use two 1 metre track pieces with an end to end connector rather than one 2 metre track piece. Longer track can incur greater charges in delivery and handling and are at a greater risk of damage.
6. Please note that our track system is for ceiling use only.

If you have any additional questions, please contact our technical team by email: technical@astrolighting.com or by phone: 01279 427001 (Option 3).