

Latham LED Tredlite Decorative Nosing & Flooring Systems

Value Added Optional Extras

Latham offer a range of value added optional extras for our systems, which will enhance your Tredlite application and make installation easier.

Power Supplies/Transformers (PS24V)

Latham recommend the use of our 24V, 1.8 Amp, fully enclosed transformers, which are designed to power 20 metres of Tredlite LED in standard stair configurations. Where there are large distances between treads like in tiered foyers additional power supplies should be considered to overcome voltage drop. These transformers have been specially designed and manufactured for use with the Latham Tredlite system.



PS24V

Source Feed Wire Connections (SFW5) (SFW15)

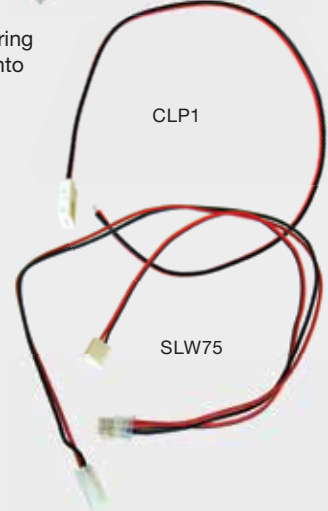
Source Feed Wire Connections are available to feed the power from the Power Supplies/Transformers or the Tredlite Dimmers to the Tredlite system and hook into the Step Link Wiring Saddle Connections. They are available in lengths of 5 metres (SFW5) and 15 metres (SFW15).



SFW5V

LED Wire Connection (CLP1)

Standard CLP1 LED connections will be supplied with the Tredlite system unless the Step Link Wiring Saddle Connections are specified. The standard LED wire connections are designed to be wired into the electricians' power feed wire. They are supplied with 400mm figure 8 colour coded wire tails.



CLP1

Step Link Wiring Saddle Connections (SLW75)

Step Link Wiring Saddle Connections (SLW75) are available for ease of installation of the Tredlite System. They are supplied in 750mm (SLW75) with figure 8 wire lengths. They include a connection to the LED Tredlite inserts plus a male and female plug to connect to the previous and following Tredlite LED Insert. The Step Link Wiring Saddle Connections have low profile connections which can easily be hidden under carpet or in the end of the treads. This makes the installation of the Tredlite system much simpler and reduces the need for time consuming on-site electrical connections.

SLW75

Tredlite Dimmer Standard (TLD1)

Tredlite Dimmer Standard (TLD1) is a surface mounted dimmer boxer with toggle switch, fitted between the transformer and the LED Tredlite insert. Each Tredlite Dimmer will control up to 20 metres of Tredlite and have a dimming range from 0-100%. The quantity of dimmers required should match the number of power sources being used. (Approximate size 87mm x 87mm x 55mm).



TLD1

Tredlite Dimmer Deluxe (TLD2)

The Tredlite Dimmer Deluxe (TLD2) is supplied as above for manual operation. It will also be supplied with a short range infrared remote control, which can dim the LED lighting systems to up to 8 brightness levels. This is particularly handy when more than 1 dimmer is being used to ensure the end effect of each set of stairs is similar. The remote also brings, off; and delay off; functionality to the Tredlite system. One dimmer is required for each power supply. (Approximate size 87mm x 87mm x 55mm).



TLD2

Replacement LED Inserts

Replacement LED Inserts are supplied in 5 metre rolls for site cutting to length. 1 (one) wire connection will be supplied with each role.

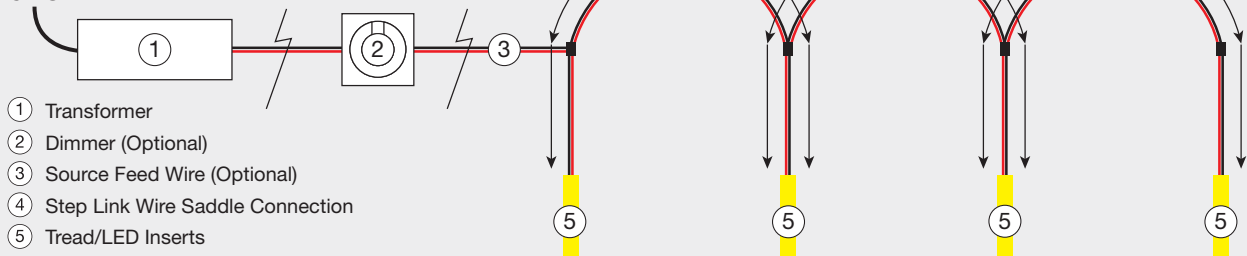
If additional connections or step link wiring saddles are required these need to be ordered.



Plug-N-Go Install Using Latham Supplied Optional Extras

Electrical connection using Latham Source Feed Wire Connectors and Step Link Wiring Saddles.

GPO



- ① Transformer
- ② Dimmer (Optional)
- ③ Source Feed Wire (Optional)
- ④ Step Link Wire Saddle Connection
- ⑤ Tread/LED Inserts

Latham LED Tredlite Decorative Nosing & Flooring Systems

General Tredlite Information

Economical and easy to install, Latham Illuminated LED Tredlite Decorative Safety Stair Treads provide visual enhancement and slip resistant protection for pedestrians, building occupants and owners. The stair tread nosings highlight the leading edge of the step and are filled with slip-resistant Suregrip and Supagrit silicon carbide mineral granules for heavy and light duty applications. Service factors must be taken into consideration when selecting stair tread profile.

Lengths

All Asbraloy and Asbrabronz Tredlite profiles are supplied factory cut to the site required length (up to 4600mm in a single continuous length) complete with countersunk holes, stainless steel or brass screws (depending on the selected section) and plastic plugs. On request the material can be supplied for on site drilling.

All Asbraloy and Asbrabronz Tredlite Safety Stair Tread Nosings are discreetly stamped on the surface close to one end as manufactured by Latham Australia, which ensures installed material can be identified in the future and is the clients confirmation that the specified product has been installed.

Factory Cutting Tolerance: +0/-3mm.

Finishes

Asbraloy Aluminium Tredlite profiles are supplied in mill finish. On request Tredlite profiles can be supplied with a polished bullnose or in clear anodized finish at additional cost.

Asbrabronz Brass Tredlite profiles are supplied in brush finish. On request Tredlite profiles can be supplied with a polished bullnose.

Screw Fixings

Holes will be provided in the treads to suit 8 gauge stainless steel or brass screws at Latham's standard 250mm centres (note details under ACCESSORIES-FIXINGS to right). Any special machining, mitering, modifications or alternative hole locations will be considered at extra cost.

Slip Resistance Testing

Slip Resistance Performance Testing for Asbraloy and Asbrabronz Tredlite profiles can be found on page 54 of Stair and Flooring Catalogue 13 and at www.latham-australia.com.

Luminance Contrast

Details of Luminance contrast for Asbraloy and Asbrabronz products can be found on page 54 of our Stair & Flooring Catalogue 13 and at www.latham-australia.com.

Accessories-Fixings

Stainless Steel, Brass, or Blackened Steel Countersunk Head Screws on request.

Use 8 gauge for slip-resistant nosings and Asbra Resilient nosings. Blackened steel should not be used externally. Unless otherwise specified 25mm 8G screws (stainless steel for Asbraloy and brass for Asbrabronz) will be supplied.



25mm, 31mm and 37mm x 8G

Plastic Plugs.

To suit 8 Gauge screws.

Stainless Steel Screws with Powder Coated Heads.

Heads are powder coated to match silicon carbide mineral insert colour. Available on request.

Specify "with Stainless Steel Screws with Powder Coated Head to match Latham Stair Tread Insert Colour."



37mm x 8G

Mechanical Expansion Shield Fixing (M6) Countersunk Head.

Countersunk head will protrude wider than silicon carbide bar.

Specify "with Mechanical Expansion Shield Fixings."



3/16 Stainless Steel Countersunk Head Metal Thread Screws and Nuts.

Lengths: 16mm (standard) and 38mm.

Specify "with Stainless Steel Countersunk Head Metal Thread Screws and Nuts."



Electrical Connection Installation by Professional Electrician

