

## BTF-Lighting's compatible lights trips with ISL-32 stair light controller

### Single colour LED lights (for the 1-32 Constant Voltage outputs):

- COB LED 1m / 5m LED strip
  - Link:  
[https://www.amazon.co.uk/dp/B08JYV9RT?maas=maas\\_adg\\_0E1D3DE15E9FA18D20D6720E9855E0DB\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=myi\\_title\\_dp&th=1](https://www.amazon.co.uk/dp/B08JYV9RT?maas=maas_adg_0E1D3DE15E9FA18D20D6720E9855E0DB_afap_abs&ref=aa_maas&tag=maas&ref=myi_title_dp&th=1)
  - Output max 1A/Channel:
    - DC12V COB LED Strip - max 1.2 meters

### Addressable LEDs (for the SPI outputs):

- WS2812b
  - Link:  
[https://www.amazon.co.uk/dp/B01CDTE6Y6?maas=maas\\_adg\\_DE1DF9851985A23742830793F082453E\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=myi\\_title\\_dp&th=1](https://www.amazon.co.uk/dp/B01CDTE6Y6?maas=maas_adg_DE1DF9851985A23742830793F082453E_afap_abs&ref=aa_maas&tag=maas&ref=myi_title_dp&th=1)
  - DC 5V LED
  - Individually addressable, 1 pixel = 1 LED,
  - 1 data wire
  - Recommended options: 30 LED/m or 60LED/m
  - Compatible quick connector types:
    - Single end:  
[https://www.amazon.co.uk/dp/B01N4MMT2T?maas=maas\\_adg\\_C58334348D83B8A97E30EFF8E9AFA8F9\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=myi\\_title\\_dp](https://www.amazon.co.uk/dp/B01N4MMT2T?maas=maas_adg_C58334348D83B8A97E30EFF8E9AFA8F9_afap_abs&ref=aa_maas&tag=maas&ref=myi_title_dp)
    - L-shape:  
[https://www.amazon.co.uk/dp/B01NASHQPO?maas=maas\\_adg\\_10B3E0AC8EA476D2ABE4454C75A98B00\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=myi\\_title\\_dp&th=1](https://www.amazon.co.uk/dp/B01NASHQPO?maas=maas_adg_10B3E0AC8EA476D2ABE4454C75A98B00_afap_abs&ref=aa_maas&tag=maas&ref=myi_title_dp&th=1)
- WS2813
  - [https://www.amazon.co.uk/dp/B07DPJNMRP/?maas=maas\\_adg\\_9A824D9DDB31A11C39D1B150B4865AD6\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=twister\\_B07DPJLL31&encoding=%20UTF8&th=1](https://www.amazon.co.uk/dp/B07DPJNMRP/?maas=maas_adg_9A824D9DDB31A11C39D1B150B4865AD6_afap_abs&ref=aa_maas&tag=maas&ref=twister_B07DPJLL31&encoding=%20UTF8&th=1)
  - DC5V LED
  - Individually addressable, 1 pixel = 1 LED,
  - Dual data wire (If one LED is damaged, the following LEDs will still function)
  - No quick connectors available for this model
- WS2811
  - Option 1 (12V):  
[https://www.amazon.co.uk/dp/B01CNL6LLA?maas=maas\\_adg\\_2BF26802452FABB16E32F832D2C992AB\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=myi\\_title\\_dp&th=1](https://www.amazon.co.uk/dp/B01CNL6LLA?maas=maas_adg_2BF26802452FABB16E32F832D2C992AB_afap_abs&ref=aa_maas&tag=maas&ref=myi_title_dp&th=1)
  - Option 2 (24 V):  
[https://www.amazon.co.uk/dp/B07X5X8NGZ?maas=maas\\_adg\\_572FCB1E1D27E5BE4A7DC3848D7FC4BD\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=myi\\_title\\_dp&th=1](https://www.amazon.co.uk/dp/B07X5X8NGZ?maas=maas_adg_572FCB1E1D27E5BE4A7DC3848D7FC4BD_afap_abs&ref=aa_maas&tag=maas&ref=myi_title_dp&th=1)

- DC12V or DC24V
- Group addressable: 12V: 1 pixel=3 LEDs, 24V: 1 pixel = 6 LEDs
- Suitable for the under-stair option where a set of LEDs are controlled together
- Compatible quick connector types (same as WS2812b):
  - Single end:
    - [https://www.amazon.co.uk/dp/B01N4MMT2T?maas=maas\\_adg\\_C58334348D83B8A97E30EFF8E9AFA8F9\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=my\\_i\\_title\\_dp](https://www.amazon.co.uk/dp/B01N4MMT2T?maas=maas_adg_C58334348D83B8A97E30EFF8E9AFA8F9_afap_abs&ref=aa_maas&tag=maas&ref=my_i_title_dp)
  - L-shape:
    - [https://www.amazon.co.uk/dp/B01NASHQPO?maas=maas\\_adg\\_10B3E0AC8EA476D2ABE4454C75A98B00\\_afap\\_abs&ref=aa\\_maas&tag=maas&ref=my\\_i\\_title\\_dp&th=1](https://www.amazon.co.uk/dp/B01NASHQPO?maas=maas_adg_10B3E0AC8EA476D2ABE4454C75A98B00_afap_abs&ref=aa_maas&tag=maas&ref=my_i_title_dp&th=1)

**Wires:**

- [https://www.amazon.co.uk/stores/page/C164E743-2676-4283-8A13-85FDDEF7309B?maas=maas\\_adg\\_B8474B12C2C03C70C85868BF7246C196\\_afap\\_abs&ref=aa\\_maas&tag=maas&ingress=2&visitId=1ea0fa01-1e6e-4814-8cb0-dae536cd6691&ref=ast\\_bln](https://www.amazon.co.uk/stores/page/C164E743-2676-4283-8A13-85FDDEF7309B?maas=maas_adg_B8474B12C2C03C70C85868BF7246C196_afap_abs&ref=aa_maas&tag=maas&ingress=2&visitId=1ea0fa01-1e6e-4814-8cb0-dae536cd6691&ref=ast_bln)