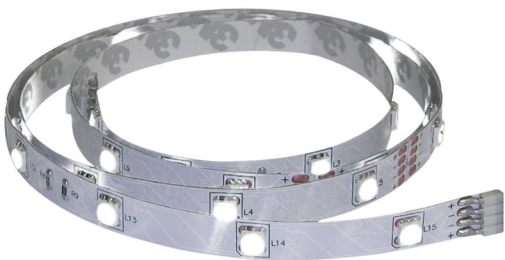


LED 8W TAPE100

The LED TAPE100 is 8W, 24V flexible light source used to illuminate under cupboards, coves, cabinets, shelves, anything which does not have much available space.



Key Features

- Fully dimmable with leading edge dimmers, 1-10V, Normal Dimming and Wise dimming.
- 8W High Brightness
- Lifetime of 25,000hrs
- 30 LED's per Metre
- 100cm length

Specification

Wattage	8W
Voltage	24V
Colour Temp W/W	2700K or 3400K
Colour Temp C/W	6000K
Beam Angle	120°
Width	10mm
Height	3mm
Length	1m
LED Life	25,000 hrs
IP Rating	IP00 or IP65 (WP)
Cut Length	165mm
LED's per Tape	30

Available TAPE100

Product Code	Angle	Temp	Lumens	lm/W	Life
TAPE100 CW 6000K	120°	6000k	500	62	25000hrs
TAPE100 WW 3400K	120°	3400K	510	64	25000hrs
TAPE100 INT 2700K	120°	2700k	500	62	25000hrs
TAPE100 BLUE	120°	BLUE	300	37	25000hrs
TAPE100 RGB	120°	RGB	229	29	25000hrs
TAPE100WPCW6000K	120°	6000k	450	56	25000hrs
TAPE100WPWW3400K	120°	3400K	460	57	25000hrs
TAPE100WPIN2700K	120°	2700k	450	56	25000hrs
TAPE100WP BLUE	120°	BLUE	349	44	25000hrs
TAPE100WP RGB	120°	RGB	229	29	25000hrs

TAPE100 RULES

- 1• The TAPE100 is limited to a maximum 10 strips that can be connected together in a direct run.
- 2• We recommend that, if using 0.75mm flex, you do not extend the power cord by more than 10m. If using 1.5mm flex, then the maximum extension is increased to approximately 20m.
- 3• The TAPE100 has been given a lifetime of 25,000 hours by the manufacturer. At 6 hours use a day, this equates to just over 11 years.
- 4• The TAPE100 has got cut marks that highlights where the tape can be cut (every 165mm). If you cut any areas apart from this, you will break the TAPE100.
- 5• TAPE100WP can be used in bathroom areas but you will need to use heat shrink to seal all the areas where a pin has been used.

LED Driver Options

- **LED Driver (Switching)** - Use this driver for on/off control. Cannot be used for dimming.
- **LED Driver (Dimming)** - For use with inductive dimmers. Most resistive dimmers have a minimum load of 60W, therefore ensure that if this not met, a dummy load is added to the circuit, such as a mains voltage halogen lamp or our resload product.
- **LED Driver (1-10V)** - For use with 1-10V dimmer modules or 1-10V control systems. This type of dimming does not have a minimum load.
- **Wise Scene (Dimming + Wireless)** - This controller can be used for both switching and dimming. Additionally, this unit can communicate via radio and external push buttons, allowing you to wirelessly control your fitting. Note that an additional 24V LED driver is required to power the Wise Scene pack.

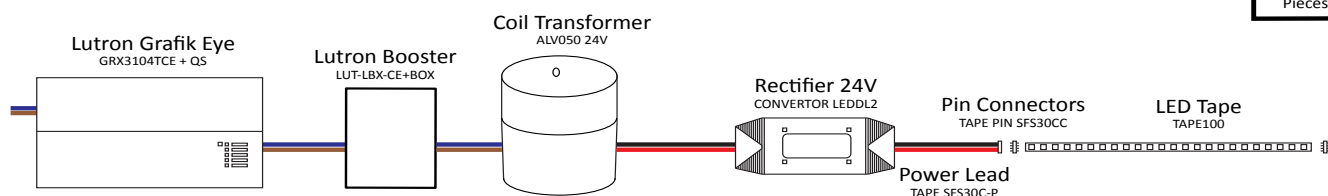
Test Report for TAPE100 LED 8W Tape

Manufacturer	Product Code	Tape	Wattage	Min Load Required
ATON	IDIMP4I	1-6	8-48W	20W (2 RESLOADs or 20W Lamp)
WISE CONTROLS	WISESCENE DIM	1-6	8-48W	20W (1 RESLOAD or 20W Lamp)
WISE CONTROLS	WISESCENE BOX	1-6	8-48W	20W (1 RESLOAD or 20W Lamp)
WISE CONTROLS	WISEFUSION 450W	1-6	8-48W	20W (1 RESLOAD or 20W Lamp)
LUTRON	LUTRON RANIA	1-6	8-48W	20W (1 RESLOAD or 20W Lamp)
LUTRON	LUTRON GRAFIX EYE	1-6	8-48W	20W (1 RESLOAD, 20W Lamp or LUT-LBX-CE)
LUTRON	LUTRON QS	1-6	8-48W	20W (20W Lamp or LUT-LBX-CE)
RAKO	RAKO RDL250	Not compatible	Not compatible	Not compatible
WISE CONTROLS	WISESCENE STRIP	1-10 (max in series)	1-300W	No Min Load
OSRAM	DC OTDIM 120W/24	1-10 (max in series)	1-120 W	No Min Load

*Where a minnum load is required, please use the recommended items within the brackets in the section above.

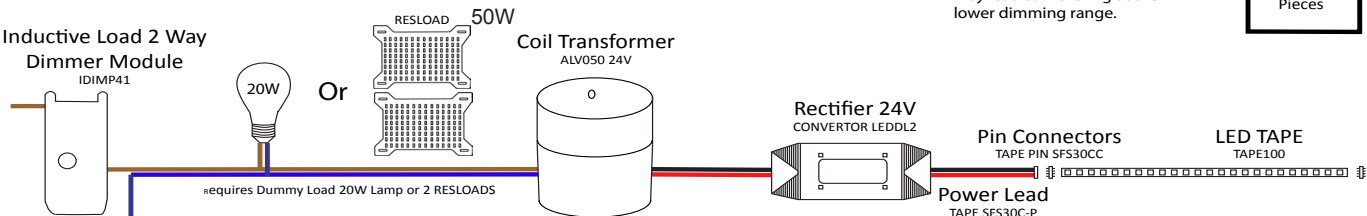
The above list of dimmers have been tested with the LEDTAPE100. Please speak to your supplier if you would like your dimmer added to our testing list.

Dimming TAPE100 with Grafik Eye



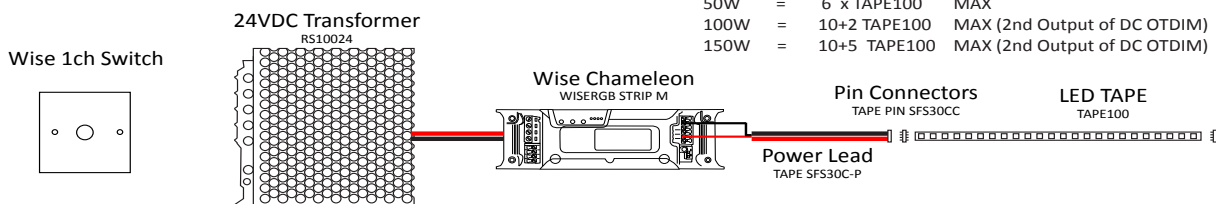
Dimming TAPE100 with Inductive Load 2 Way Dimmer Module

Please note: Dimming in this way may lead to flickering at the lower dimming range.



Dimming TAPE100 with Wise Controls

Transformer:
 25W = 3 x TAPE100 MAX
 50W = 6 x TAPE100 MAX
 100W = 10+2 TAPE100 MAX (2nd Output of DC OTDIM)
 150W = 10+5 TAPE100 MAX (2nd Output of DC OTDIM)



Dimming TAPE100 with 1-10V Dimmable Driver

Transformer:
 25W = 3 x TAPE100 MAX
 50W = 6 x TAPE100 MAX
 100W = 10+2 TAPE100 MAX (2nd Output of DC OTDIM)
 150W = 10+5 TAPE100 MAX (2nd Output of DC OTDIM)

