24V 100W Tuya CCT LED driver

Tunable white LED control with a choice of Bluetooth or Wi-Fi

100W	24V	CCT	2
TOTAL OUTPUT	DC OUTPUT	STRIP TYPE	WHITE CHANNELS

SPECIFICATION

Manufacturer / brand	ATOM LED
LED strip type	24V DC constant-voltage tunable white (CCT)
Output channels	Warm white and cool white
Rated output	100W total across the connected strip
Control platform	Tuya
Connection	Bluetooth or Wi-Fi, selected when ordering

ORDERING OPTIONS

Bluetooth version	TUYA-CCT-24V-100W-BT
Wi-Fi version	TUYA-CCT-24V-100W-WIFI

MATCHING THE LED STRIP

Choose a 24V tunable white LED strip. Check the markings for the common connection and both white channels. Use the ordering code above to identify which radio connection the unit supports.

Installation and handling

Product identification, load selection and connection checks

HANDLING AND INSTALLATION

1

Check the model

Match the Bluetooth or Wi-Fi order code on the packaging.

2

Check the supply

Refer to the input rating and terminal markings on the supplied driver.

3

Calculate the load

Keep the total load across both white channels within 100W.

4

Use matching strip

Connect 24V constant-voltage CCT strip, using the warm and cool white channels.

5

Choose the location

Check the enclosure markings for the permitted installation environment.

6

Isolate power

A qualified person must isolate mains power before making or changing connections.

LOAD CALCULATION

Multiply the strip wattage per metre by the installed length. Where the driver supplies several runs, add their wattages before comparing the total with its rating.

IDENTIFICATION AND SUPPORT

For help matching the driver to your strip, give ATOM LED the product code, the strip voltage and wattage per metre, and the total installed length. Contact details are printed below.