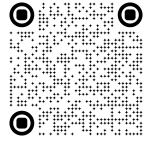




PLANET
LIGHTING



Scan to view or download
these instructions online

LED PUCK TUNABLE WHITE WIRING GUIDE

READ BEFORE START

The following instructions are designed to help you ensure a safe and professional installation. Observe all the following steps.

CONTENTS

This document contains 2 parts:

1. Warnings
2. Driver Details
3. Wiring Diagram
4. M5 Connecting Instructions

EQUIPMENT CHECKLIST

Some of the items you will need include:

- Snap Fix / Removal Tool (provided)
- Cable Snake

GENERAL NOTES

All LED Pucks are factory tested for a minimum of 24hrs.

CAUTIONS!

Observe the following cautions.









LED Puck TW is a Plug & Play system designed for ease of installation and maintenance.






WARNINGS

CAUTION!

Please observe all of the following cautions:

	LED Puck installation should be carried out by a licensed electrician ONLY .
	DO NOT undertake installation with driver powered.
	Ensure that wire insulation is not damaged on sharp internal burrs.
	Read and observe the precautions on your chosen led driver. Always consult the driver manufacturer or your distributor if you have any questions.
	LED PUCKS WILL OVERHEAT AND MAY CAUSE DAMAGE if kept running outside the rail continuously.
	NEVER CONNECT (HOT PLUG) LED PUCKS to a powered driver as this can damage LEDs.

	It is essential that you contact us at Planet Lighting PRIOR TO INSTALLATION if you choose to supply your own driver.
	Issues arising from a driver not supplied by us will not be covered under warranty.
	M5 Connection plugs must be aligned correctly before connecting. DO NOT FORCE THE PLUG . Follow the M5 connection procedure.

DRIVER DETAILS

Drivers that are supplied by Planet will come pre-programmed with all parameters optimised for LED Puck TW.

RECOMMENDED DRIVER (PREFERRED OPTION)

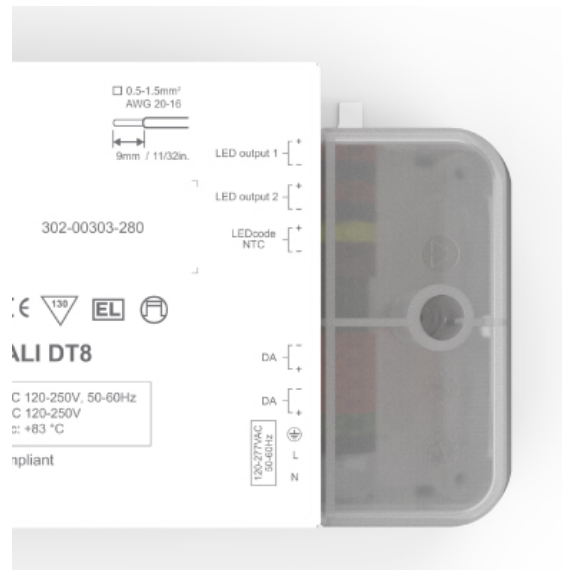
Planet Lighting recommends the following driver for LED Puck Tunable White (TW):
eldoLED DUALdrive 562/A.

Driver details:

- High quality ELV 2 channel DALI2 DT8 driver (max output is 55VDC).
- Drives 1 to 15 TW Pucks, with smoothed logarithmic dimming curves, and programmable power scaling that enables full power for single colour temperatures without the risk of over-running with mixed colour temperatures.

ALTERNATIVE DRIVER

If driving more than 15 Pucks off the one circuit is required the TCI DC MAXI JOLLY SLIM DALI TW 60 (DALI 2 DT8) can drive 8 to 30 TW Pucks. *However, care must be taken to stay above 8 Pucks, and limit total combined simultaneous current to 500mA.*



Recommended driver for LED Puck TW:
eldoLED DUALdrive 562/A.



SUPPLYING YOUR OWN DRIVER? (NOT RECOMMENDED)

It is essential that you contact us at Planet Lighting if you are supplying your own driver. Note, damage arising from supplying your own driver will not be covered under warranty.



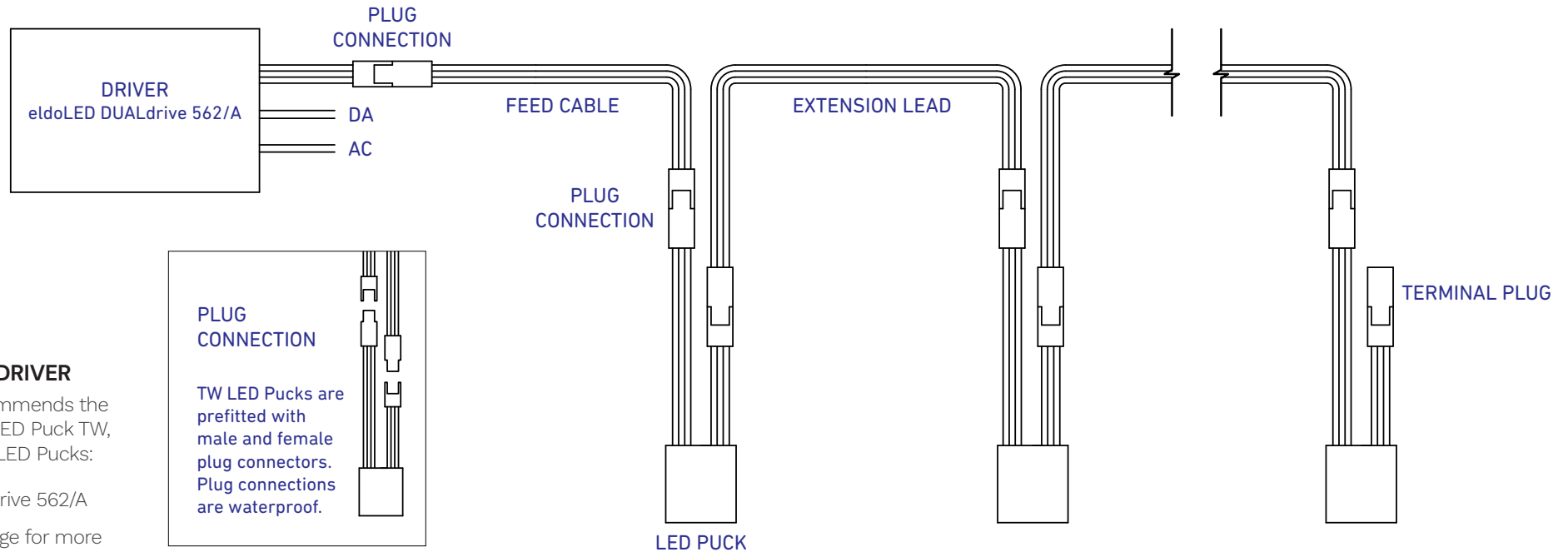
Issues arising from a driver not supplied by us will not be covered under warranty.

WIRING DIAGRAM



LED Puck Tunable White is a Plug & Play system designed for ease of installation and maintenance.

DRIVES 1 TO 15 TW LED PUCKS



RECOMMENDED DRIVER

Planet Lighting recommends the following driver for LED Puck TW, which drives 1 to 15 LED Pucks:

1. eldoLED DUALdrive 562/A

See driver details page for more details.

PLUG CONNECTION

TW LED Pucks are prefitted with male and female plug connectors. Plug connections are waterproof.



LED PUCKS WILL OVERHEAT AND MAY CAUSE damage if kept running outside the rail continuously.



NEVER CONNECT (HOT PLUG) LED PUCKS to a powered driver as this can damage LEDs.

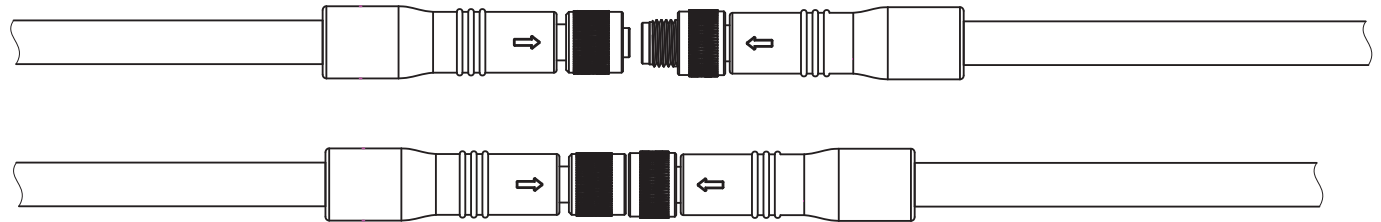


LED PUCK TUNABLE WHITE WIRING GUIDE

M5 CONNECTING INSTRUCTIONS

CORRECT M5 CONNECTING PROCEDURE:

1. Align the arrows as shown.
2. Gently connect the connectors with light finger pressure only, if there is any resistance, check arrow alignment – do not force!
3. Gently screw together the threaded sleeve with light finger pressure only.
4. Test that the connection is screwed in place by gently pulling the connectors apart.



M5 Connectors must be aligned properly before connecting.



M5 Connection plugs must be aligned correctly before connecting. DO NOT force THE PLUG. Follow the M5 MATING procedure.



NEVER CONNECT (HOT PLUG) LED PUCKS to a powered driver as this can damage LEDs.