



ADR Statement – JTX Headlights

JTX Lighting warrant that the JTX series of LED lights conform to the relevant requirements within ADR 13/00.

A detailed version of Australian Design Rule ADR 13/00 may be found at this link ...

<https://www.legislation.gov.au/Details/F2017C01072> - **Vehicle Standard (Australian Design Rule 13/00 – Installation of Lighting and Light Signalling Devices on other than L-Group Vehicles) 2005.** L Group are vehicles with less than 4 wheels.

These lighting standards were established in 2005 with the 6th amendment being the latest in 2017.

The ADR principally adopts the United Nations regulations No 48 - UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES WITH REGARD TO THE INSTALLATION OF LIGHTING AND LIGHT-SIGNALLING DEVICES

LED (Light Emitting Diode) technology should not be confused with HID (Gas Discharge).

The specifics which pertain to the JTX Lights are as follows:

- Forward facing lamps must be either White or Amber and that includes headlamps, turning signals and Day Running Lights.
- It is assumed the JTX lights will only replace factory headlights and be mounted where such factory lights were fitted
- The functional dipping between high and low beams remains unchanged
- Low beam remains on when high beam is activated. For safety low beam consists of more than one LED combination such that if 1 LED Combination were to fail others remain illuminated.
- Low beam does not exceed 2,000 Lm and so headlight cleaning devices are not required.
- The light pattern is asymmetrical in accordance with left side of road driving.
- The E marking and ADR references are stamped on the lenses

Further supporting material and facts worth reviewing –

- Australian Light Vehicles Standards published by National Transport Commission in 2016
- ADR 13/00 Explanatory Statement specific to LED states Australia will adopt European standards and permit LED – refer to following link
<https://www.legislation.gov.au/Details/F2007L02589/Explanatory%20Statement/Text>